Verified RealEstate™

RE REGULATORY RECORD

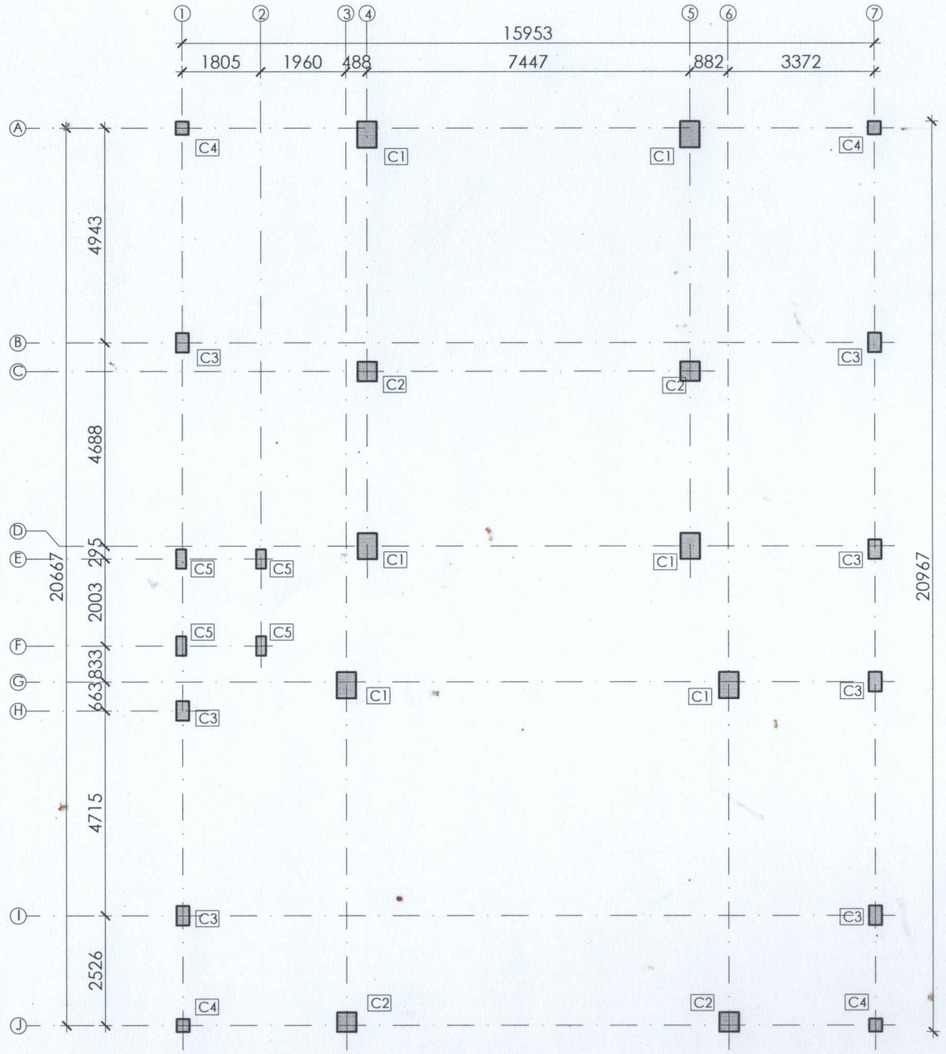
RERA Document

The document as the regulator published it, reproduced in full behind this page.

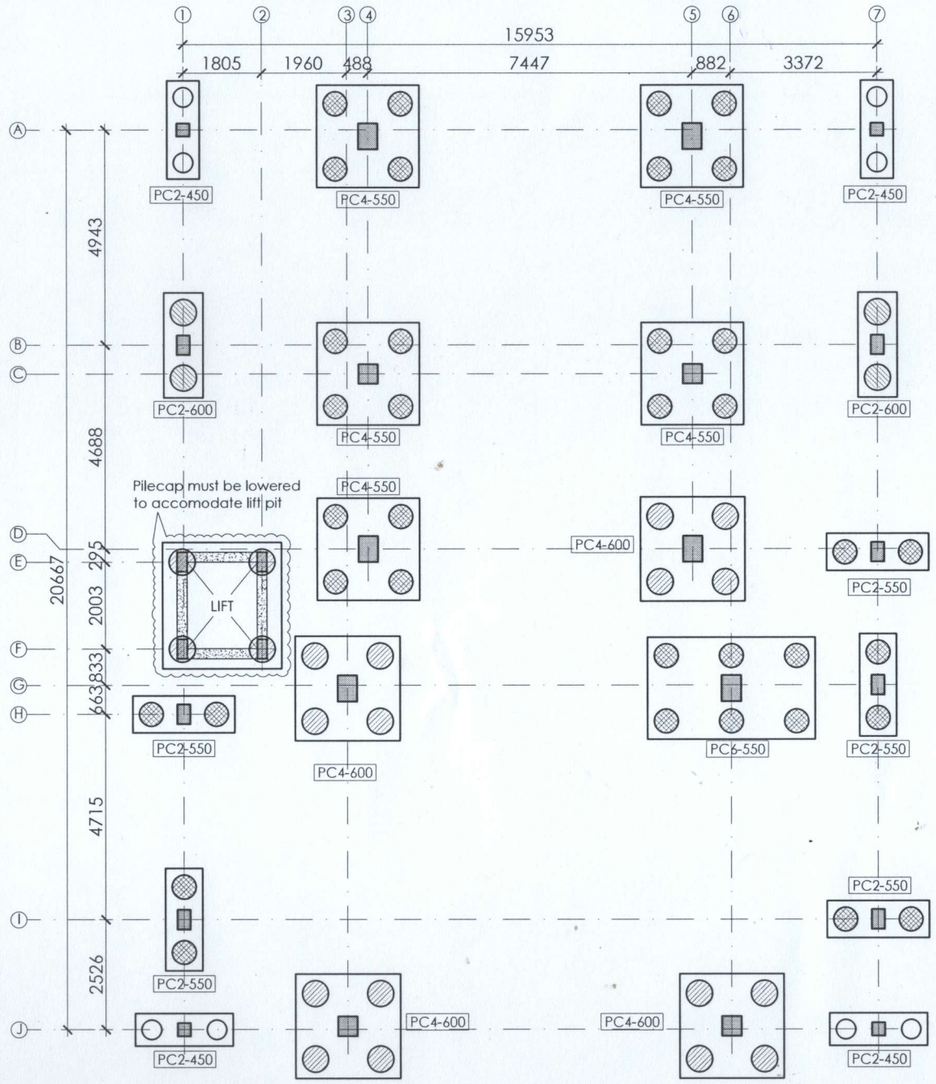
Published for reference. The authority's own register is the operative record.

Verified RealEstate™
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India

hello@verified.realestate
+91 9996 12 9996
verified.realestate

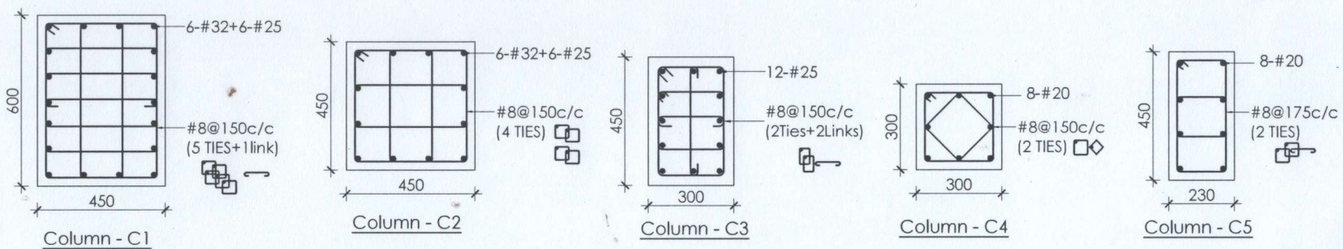


COLUMN CENTERLINE LAYOUT



FOUNDATION LAYOUT

- 600Ø PILE - 550"Ø PILE - 450"Ø PILE



1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

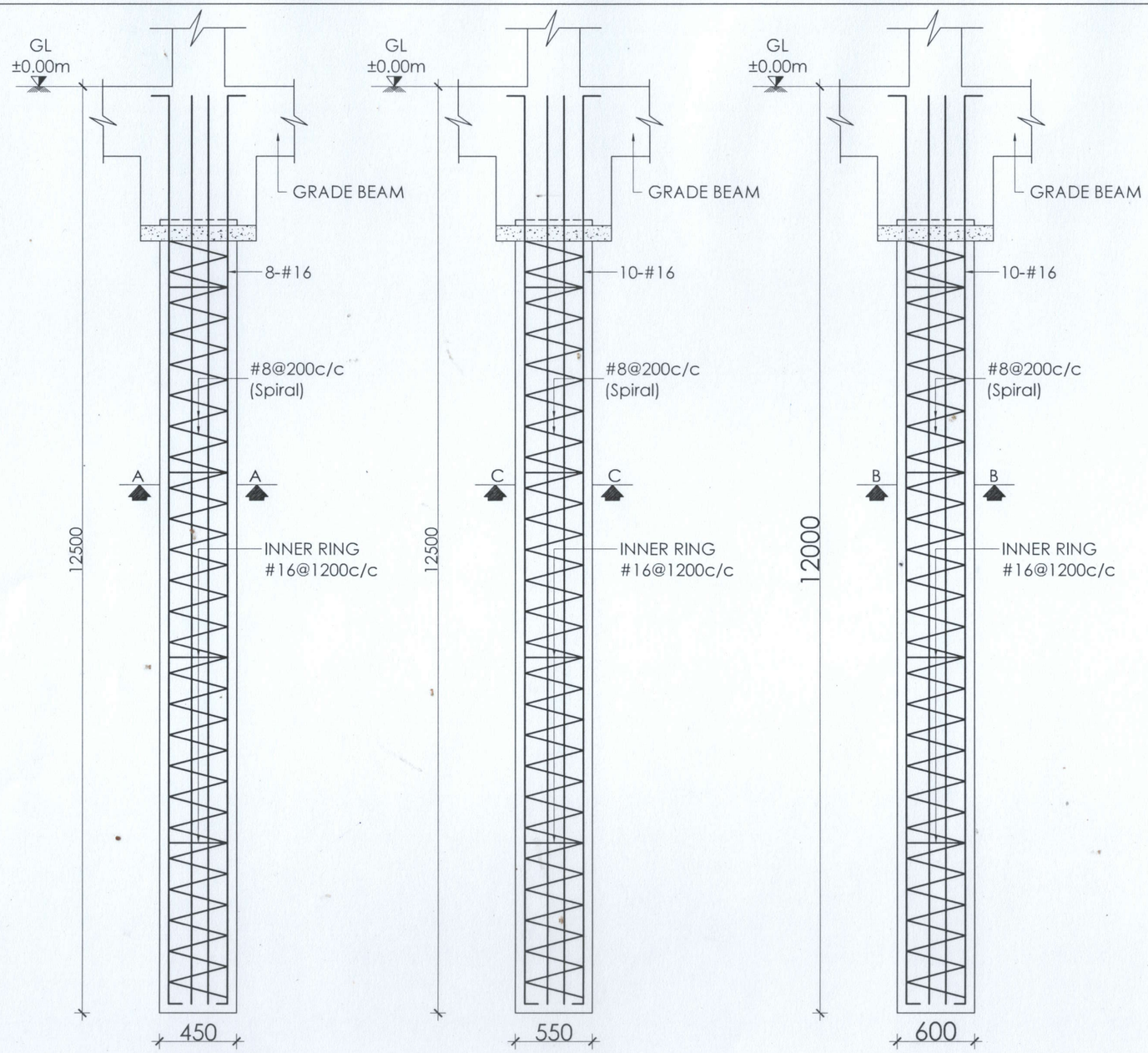
DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 01/12

OWNER :

ENGINEER :

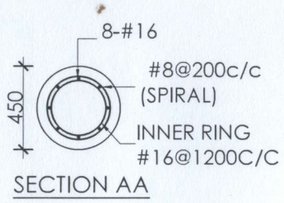
Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862



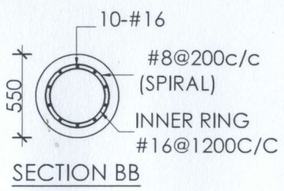
450Ø PILE REINFORCEMENT DETAIL

550Ø PILE REINFORCEMENT DETAIL

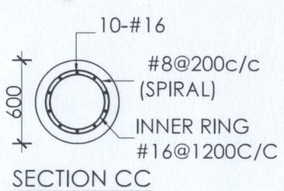
600Ø PILE REINFORCEMENT DETAIL



SECTION AA



SECTION BB



SECTION CC

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

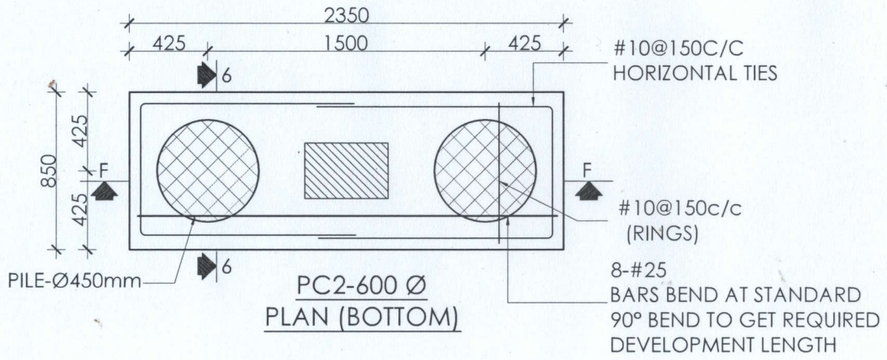
DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 02/12

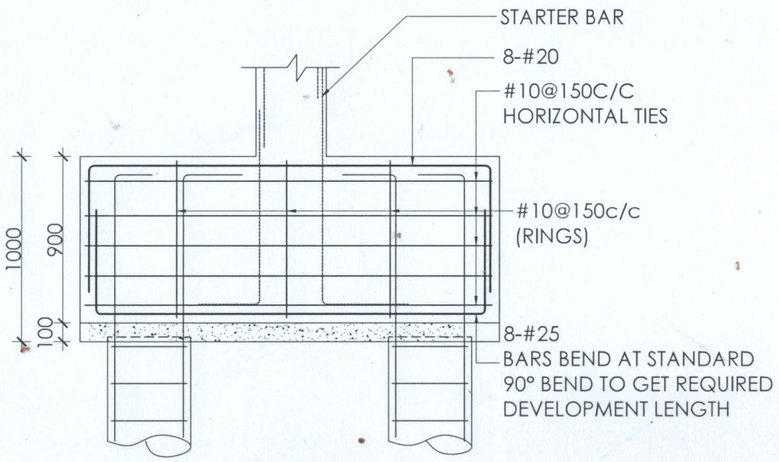
OWNER :

ENGINEER :

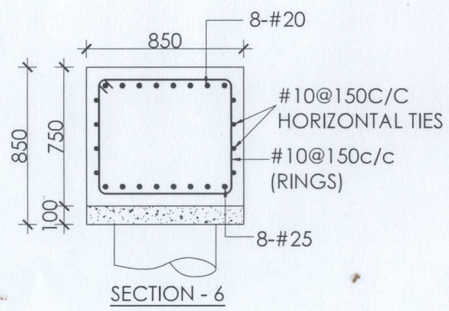
Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North)
Puducherry -3, Mobile: 9789546862



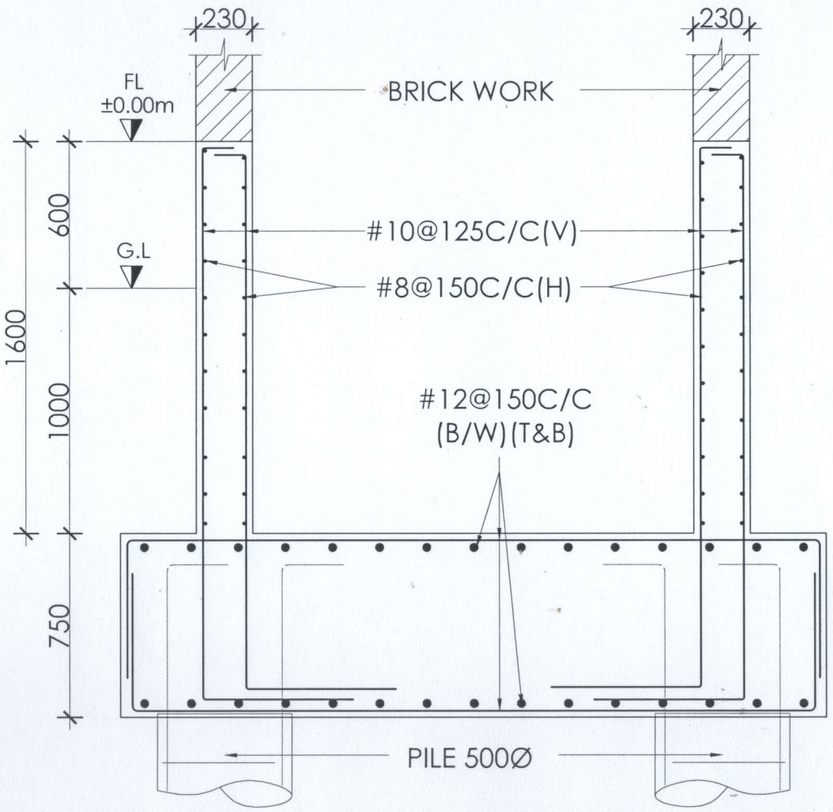
PC2-600 Ø
PLAN (BOTTOM)



SECTION - FF



SECTION - 6



PC4-550 Ø
PLAN (BOTTOM)

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

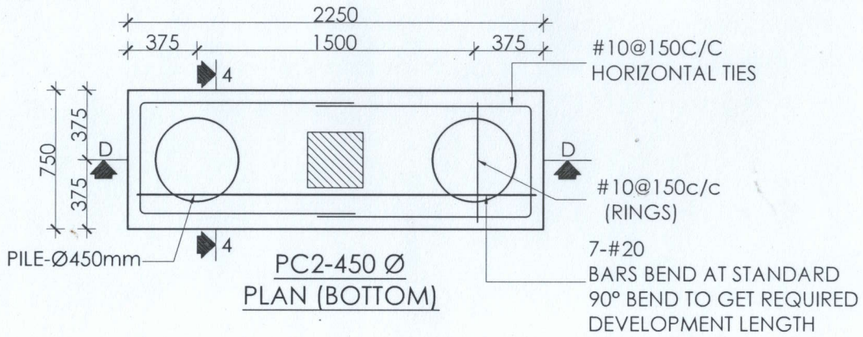
DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 03/12

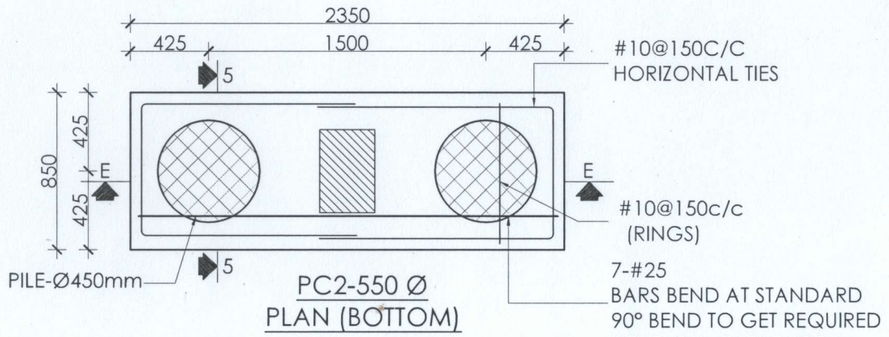
OWNER :

ENGINEER :

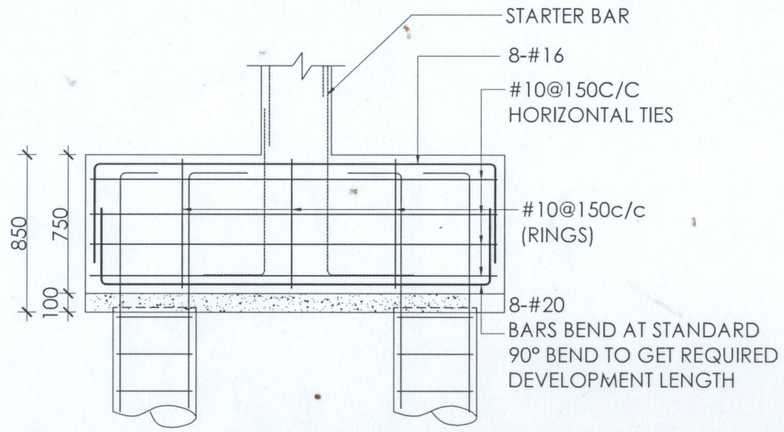
Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RS E/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862



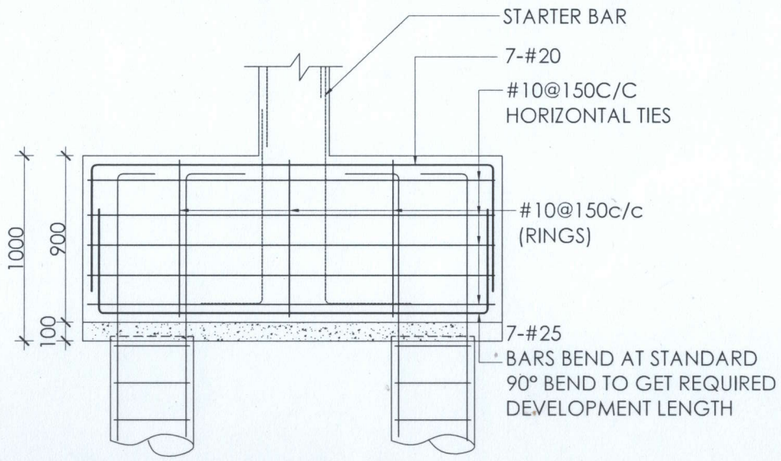
PC2-450 Ø
PLAN (BOTTOM)



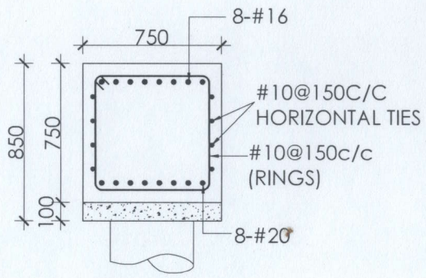
PC2-550 Ø
PLAN (BOTTOM)



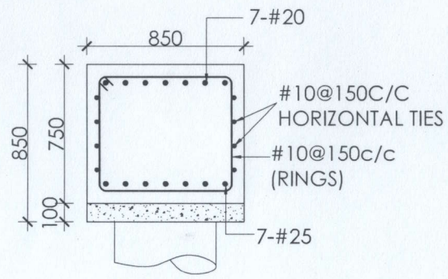
SECTION - DD



SECTION - EE



SECTION - 4



SECTION - 5

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

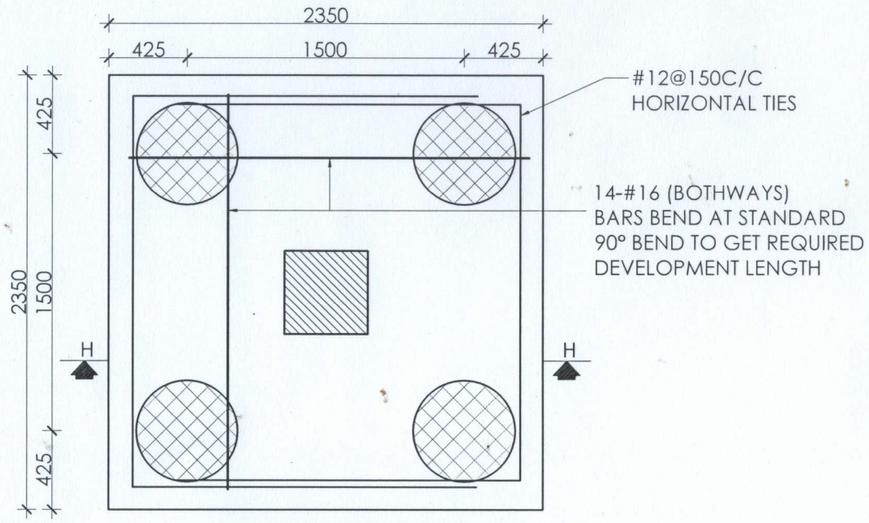
DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 04/12

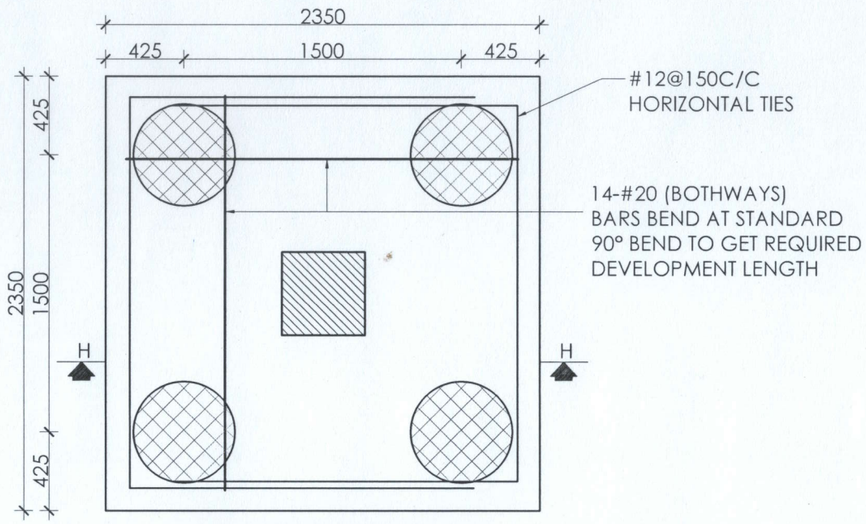
OWNER :

ENGINEER :

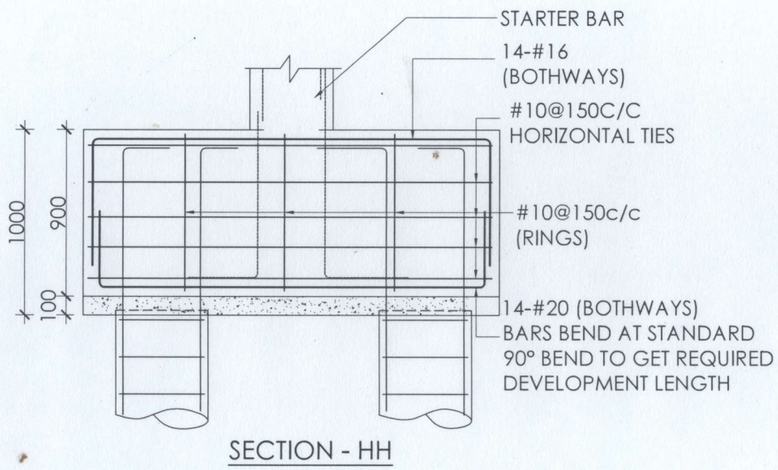
Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862



PILE CAP TOP PLAN
(PILE CAP - PC4 - 550Ø)



PILE CAP BOTTOM PLAN
(PILE CAP - PC4 - 550Ø)



SECTION - HH

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

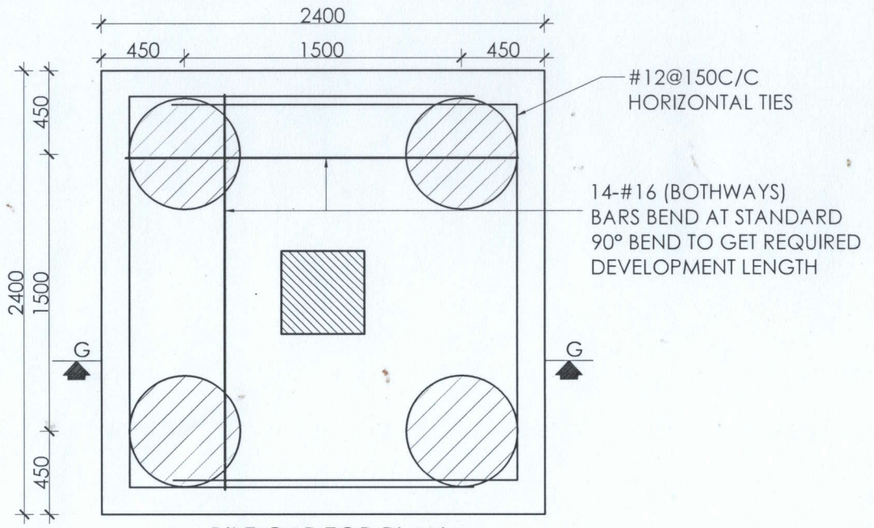
DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 05/12

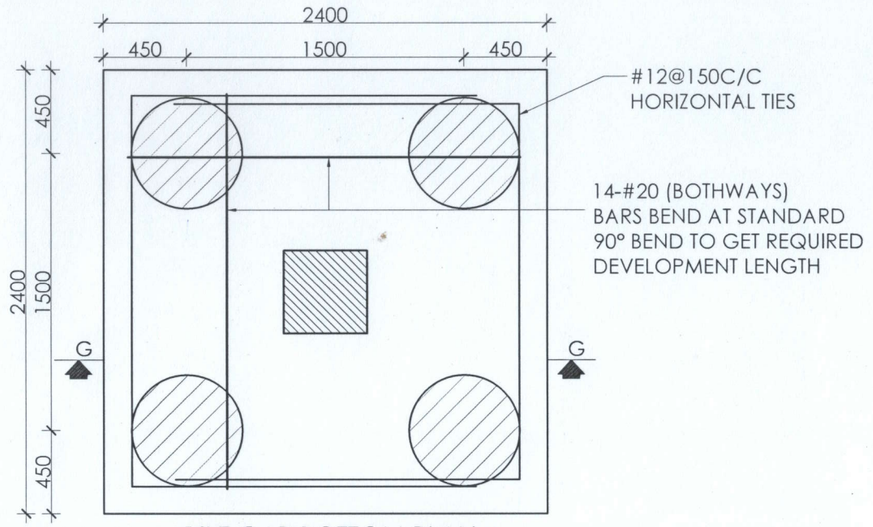
OWNER :

ENGINEER :

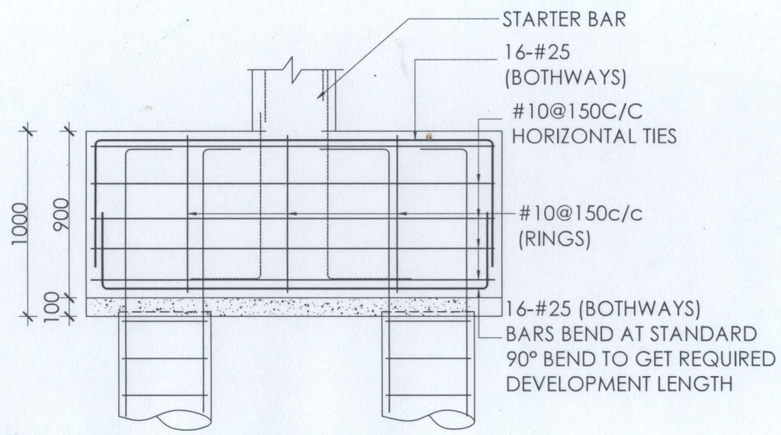
Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862



PILE CAP TOP PLAN
(PILE CAP - PC4 - 600Ø)



PILE CAP BOTTOM PLAN
(PILE CAP - PC4 - 600Ø)



SECTION - GG

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

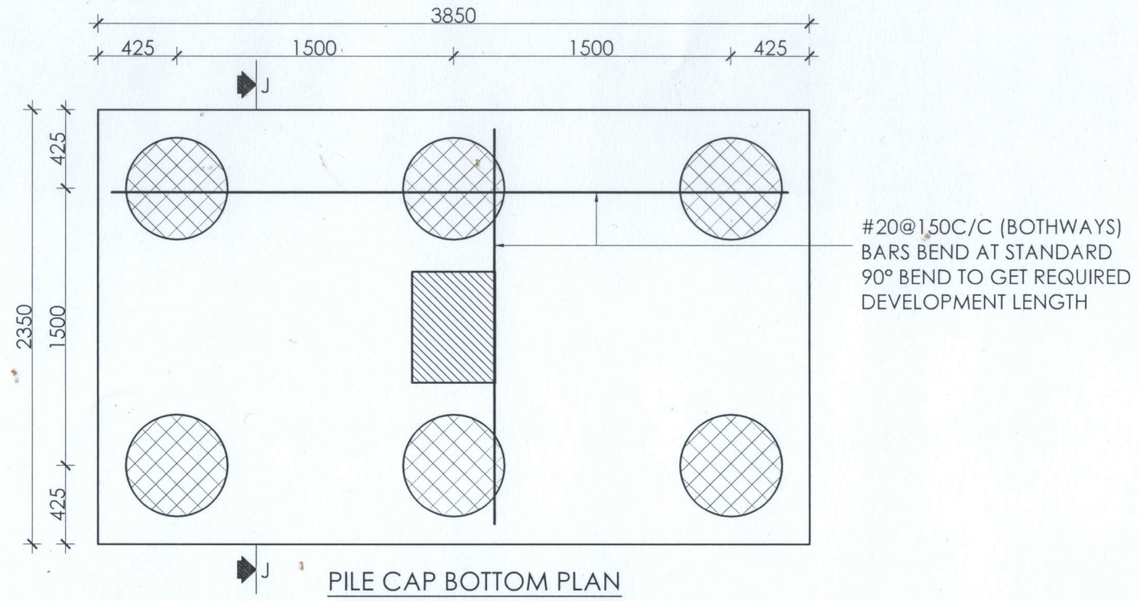
DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 06/12

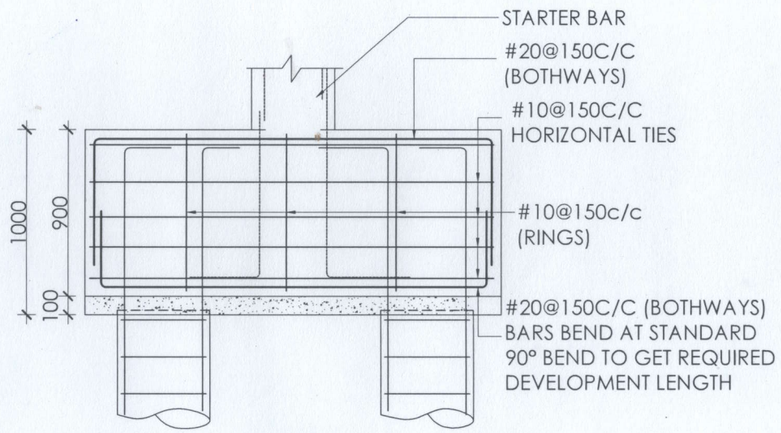
OWNER :

ENGINEER :

Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862



PILE CAP BOTTOM PLAN
(PILE CAP - PC6 - 550Ø)



SECTION - JJ

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

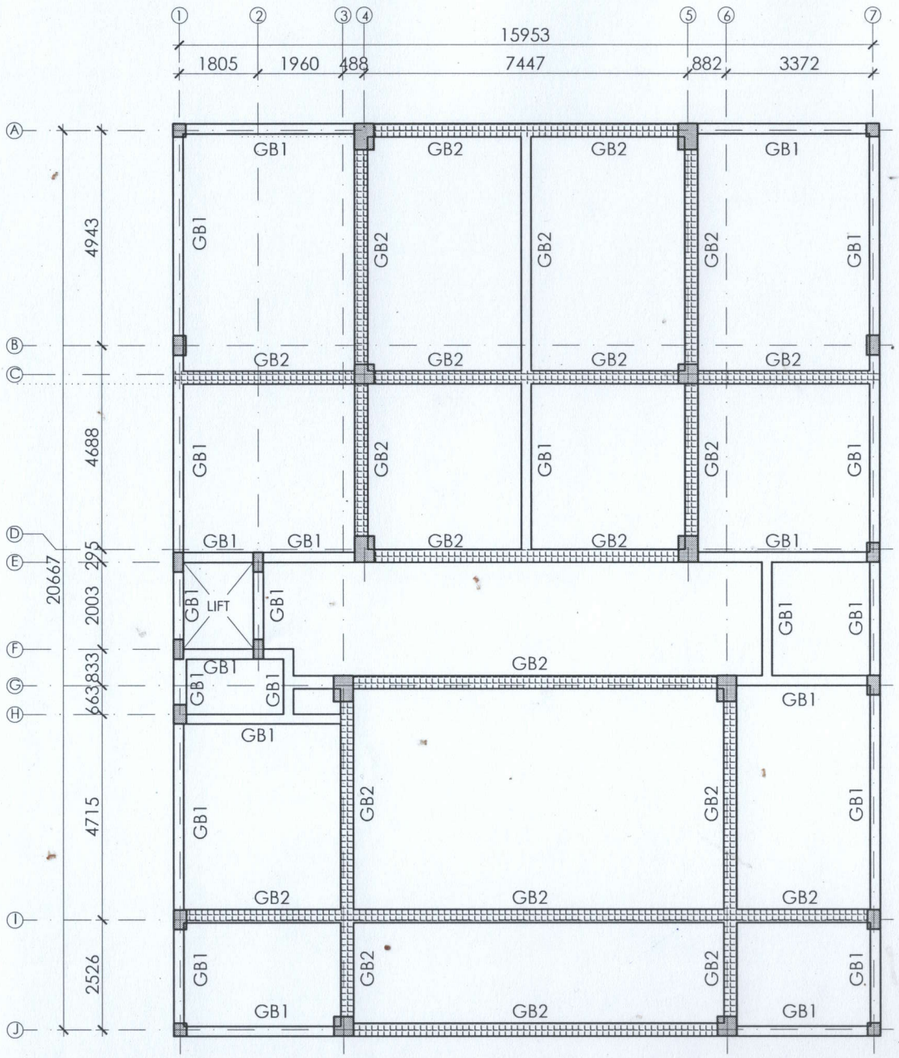
DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 07/12

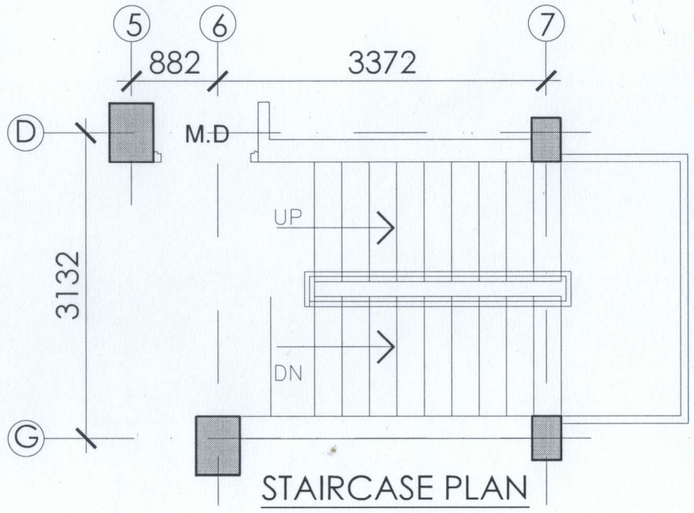
OWNER :

ENGINEER :

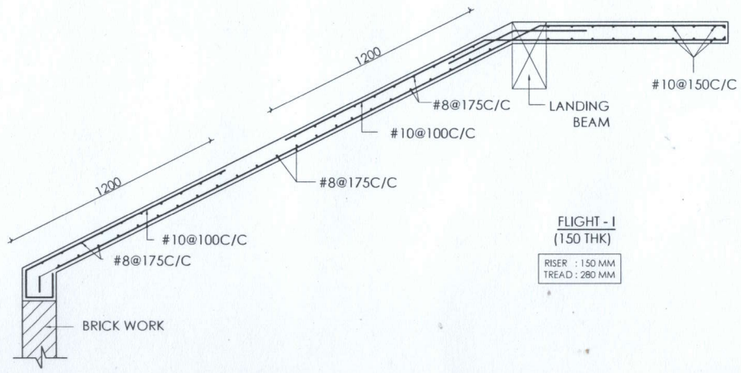
Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862



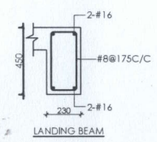
GRADE BEAM LAYOUT



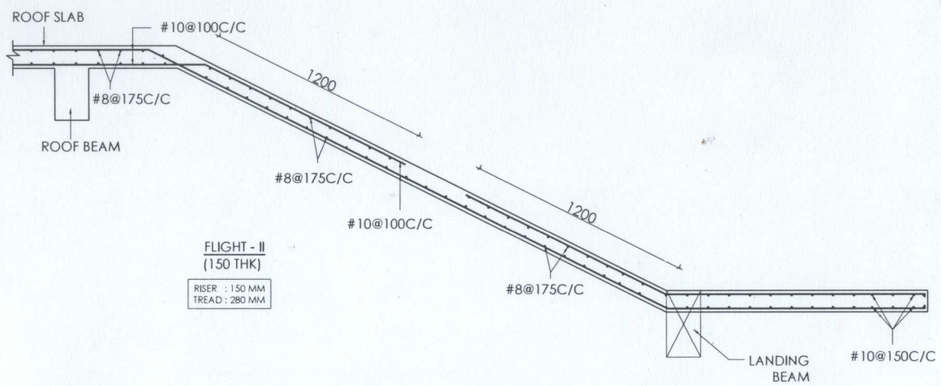
STAIRCASE PLAN



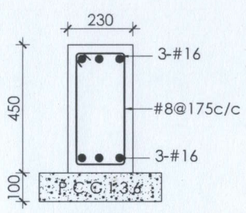
FLIGHT - I
(150 THK)
RISER : 150 MM
TREAD : 280 MM



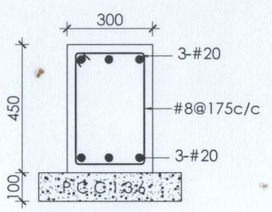
LANDING BEAM



FLIGHT - II
(150 THK)
RISER : 150 MM
TREAD : 280 MM



Grade Beam - GB1



Grade Beam - GB2

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

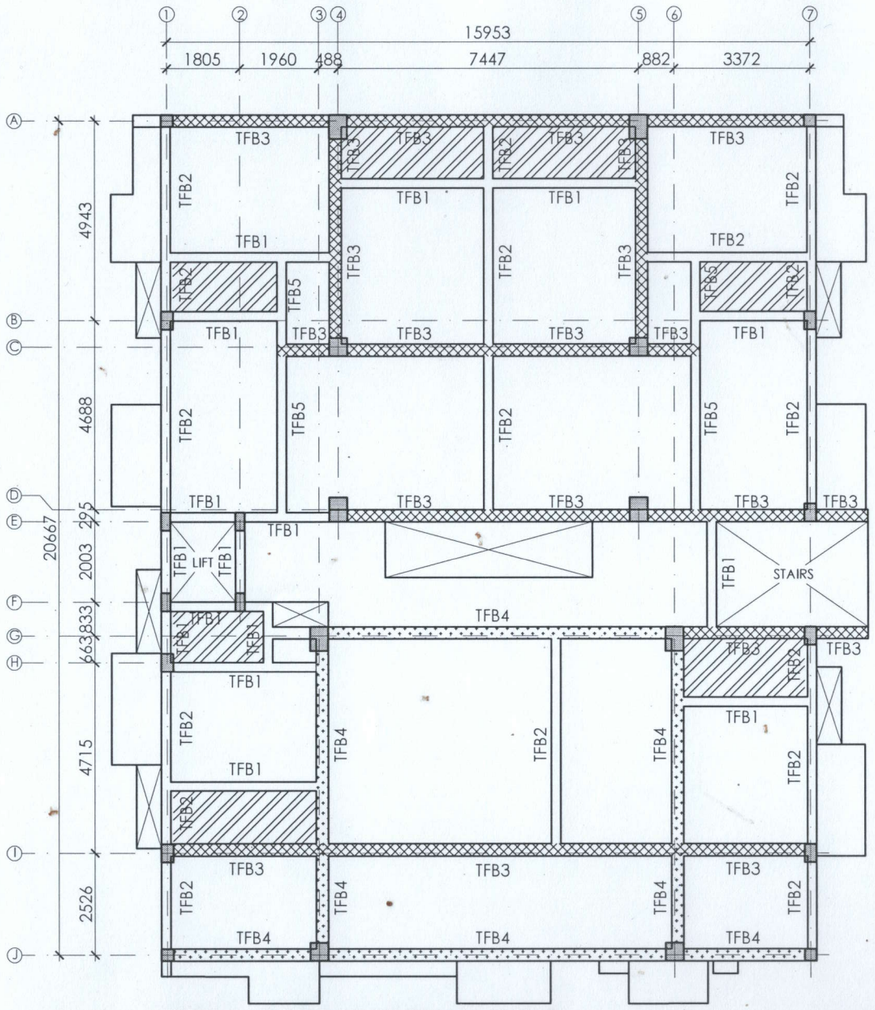
DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 08/12

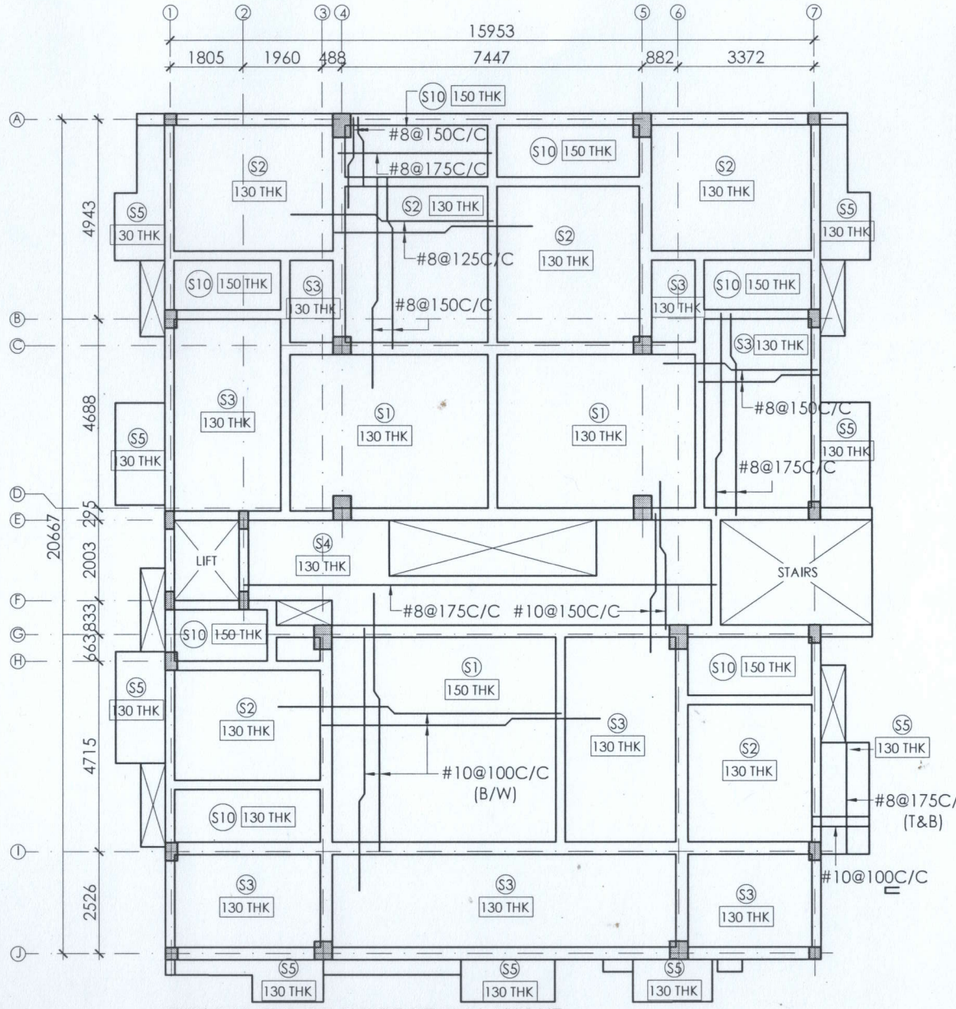
OWNER :

ENGINEER :

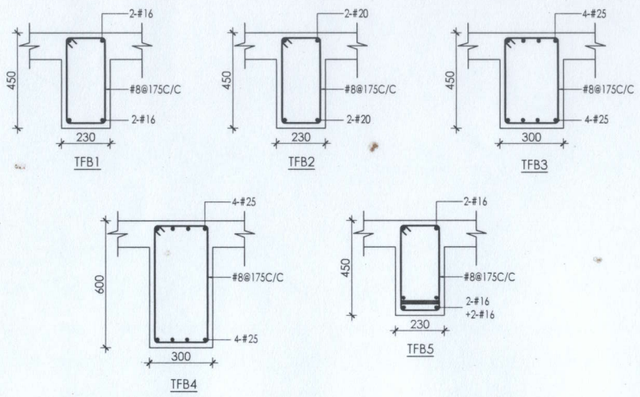
Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862



TYPICAL FLOOR ROOF BEAM LAYOUT
(GROUND, FIRST & SECOND FLOOR ROOF)



TYPICAL FLOOR ROOF BEAM LAYOUT
(GROUND, FIRST & SECOND FLOOR ROOF)



SLAB	THICKNESS	MAIN ROD (SHORTER SPAN)	DISTRIBUTION ROD (LONGER SPAN)
S1	150	#10@100C/C	#10@100C/C
S2	130	#8@125C/C	#8@150C/C
S3	130	#8@150C/C	#8@175C/C
S4	130	#10@150C/C	#8@175C/C
S5	130	#10@100C/C⊓	#8@175C/C(T/B)
S10 (SUNKEN)	150	#8@150C/C	#8@175C/C

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

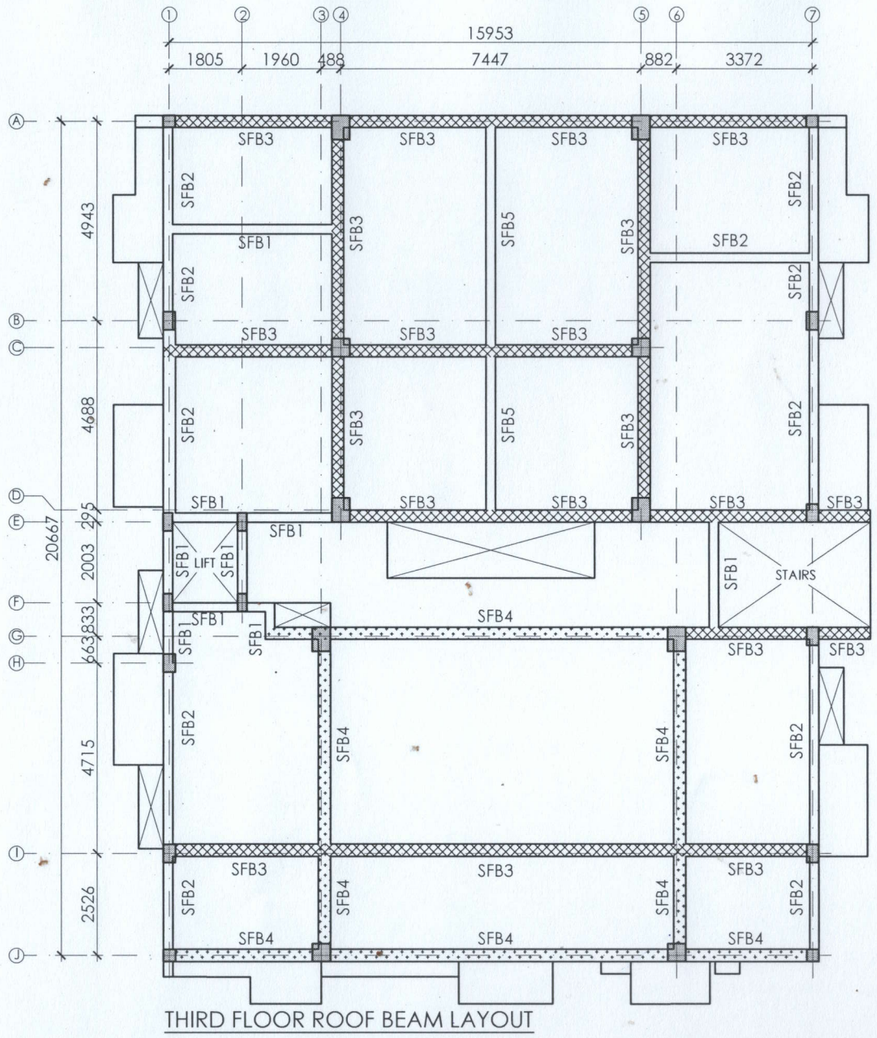
DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 09/12

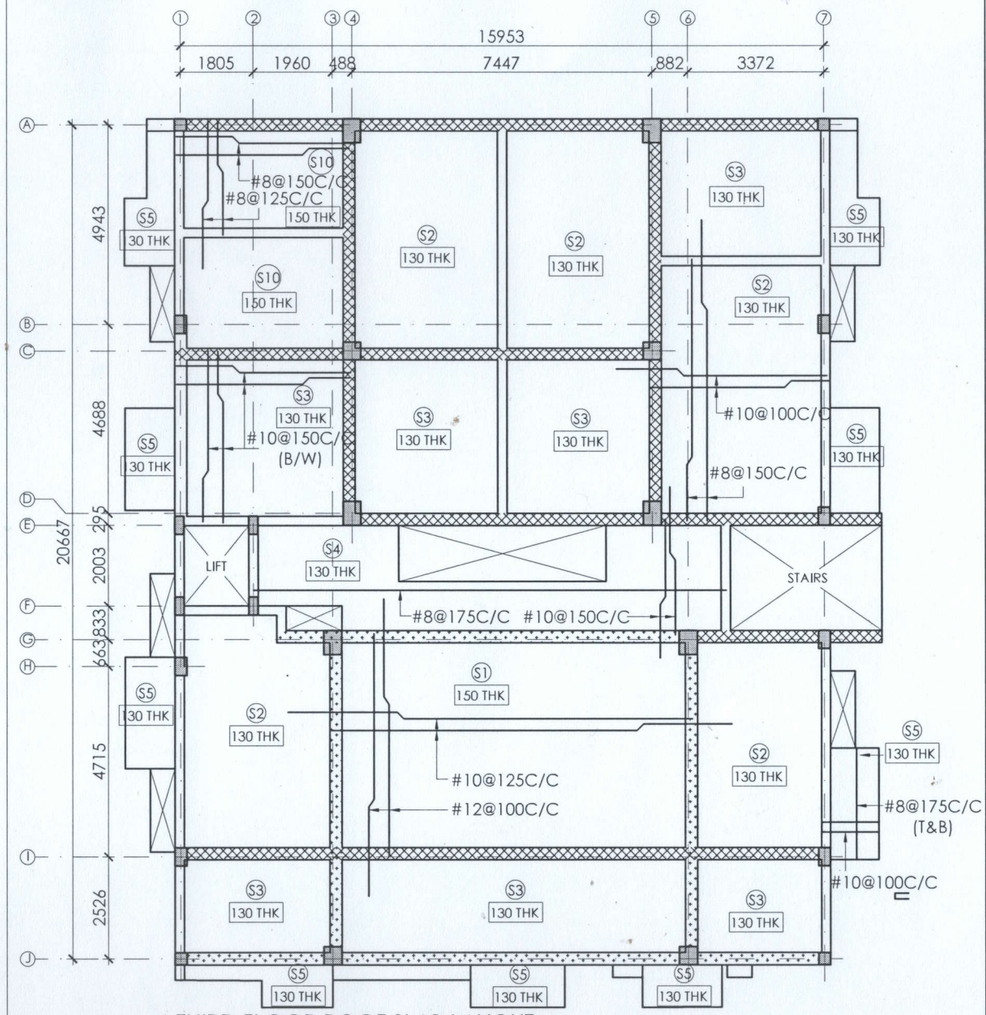
OWNER :

ENGINEER :

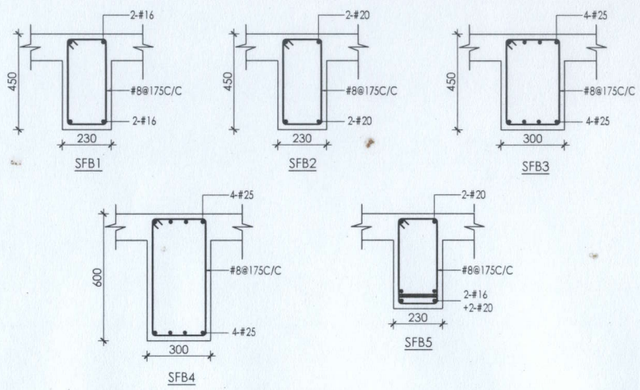
Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862



THIRD FLOOR ROOF BEAM LAYOUT



THIRD FLOOR ROOF SLAB LAYOUT



SLAB	THICKNESS	MAIN ROD (SHORTER SPAN)	DISTRIBUTION ROD (LONGER SPAN)
S1	150	#12@100C/C	#10@125C/C
S2	130	#10@100C/C	#8@150C/C
S3	130	#10@150C/C	#10@150C/C
S4	130	#10@150C/C	#8@175C/C
S5	130	#10@100C/C⊓	#8@175C/C(T/B)
S10 (SUNKEN)	150	#8@125C/C	#8@125C/C

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

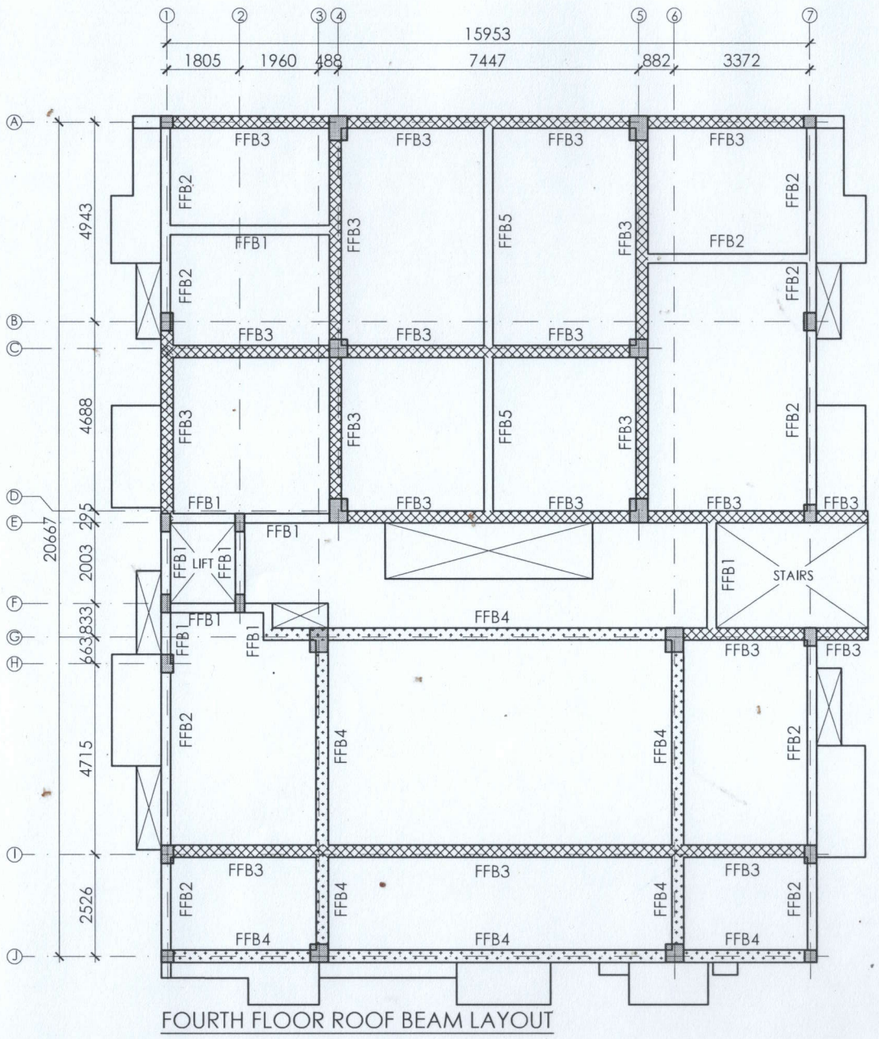
DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 10/12

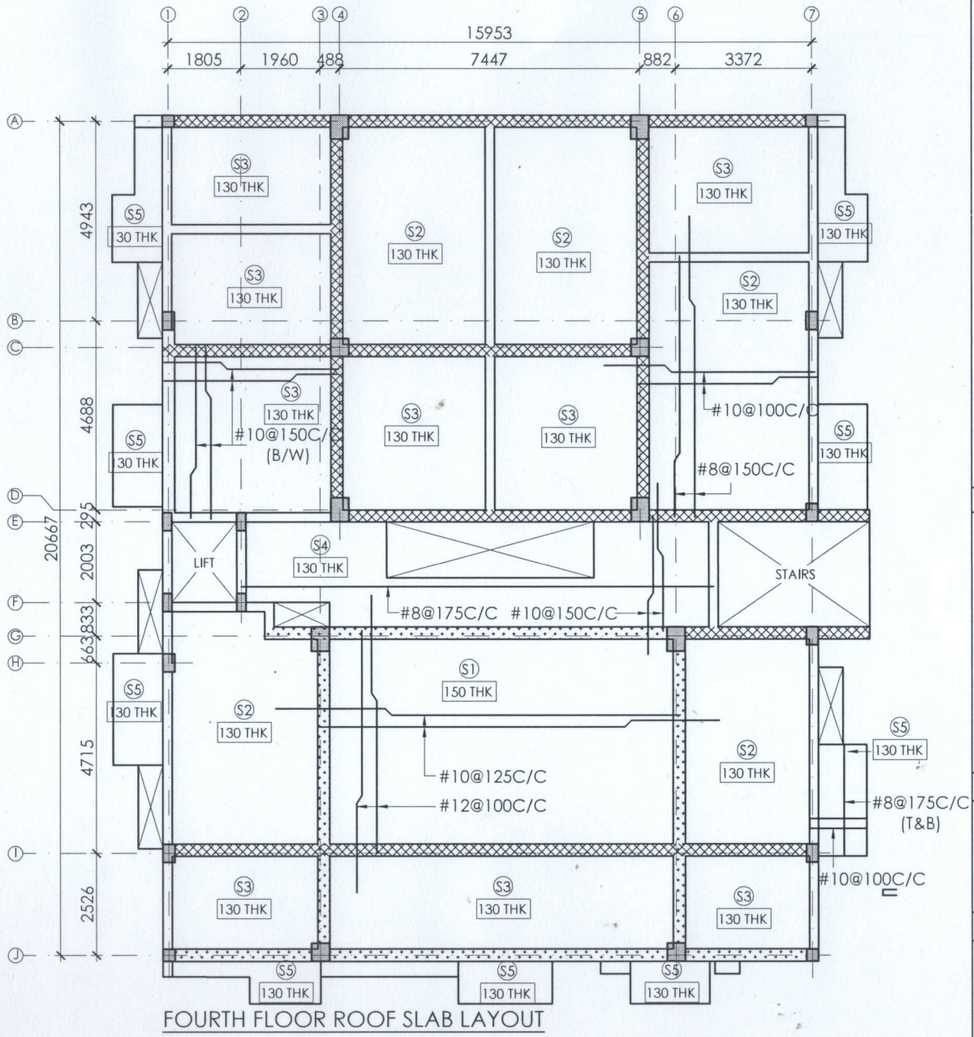
OWNER :

ENGINEER :

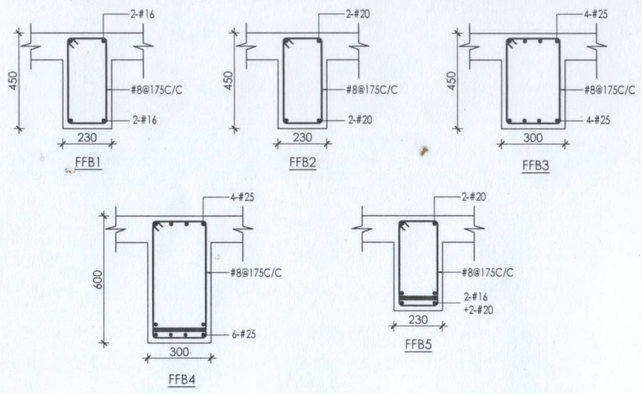
Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RS E/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862



FOURTH FLOOR ROOF BEAM LAYOUT



FOURTH FLOOR ROOF SLAB LAYOUT



SLAB	THICKNESS	MAIN ROD (SHORTER SPAN)	DISTRIBUTION ROD (LONGER SPAN)
S1	150	#12@100C/C	#10@125C/C
S2	130	#10@100C/C	#8@150C/C
S3	130	#10@150C/C	#10@150C/C
S4	130	#10@150C/C	#8@175C/C
S5	130	#10@100C/C⊓	#8@175C/C(T/B)

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

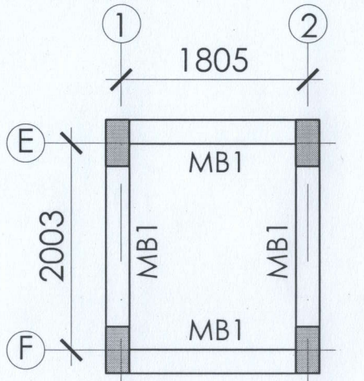
DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 11/12

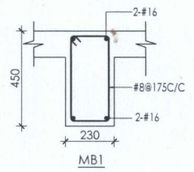
OWNER :

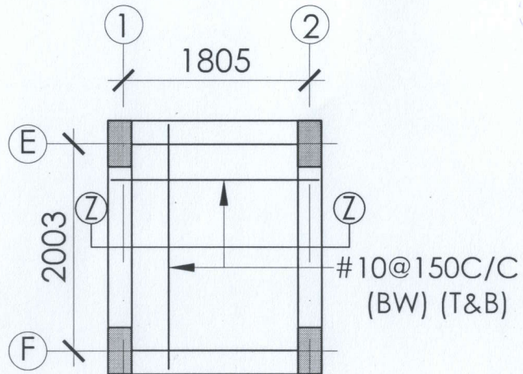
ENGINEER :

Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862

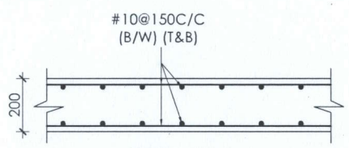


MACHINE ROOM
BEAM LAYOUT

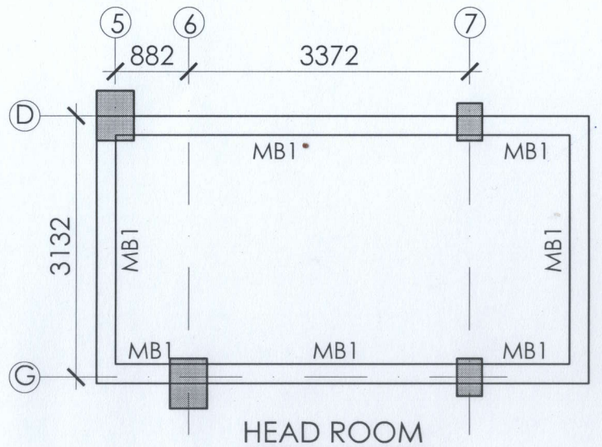




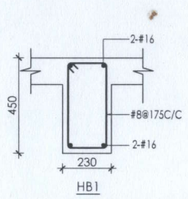
MACHINE ROOM
SLAB LAYOUT

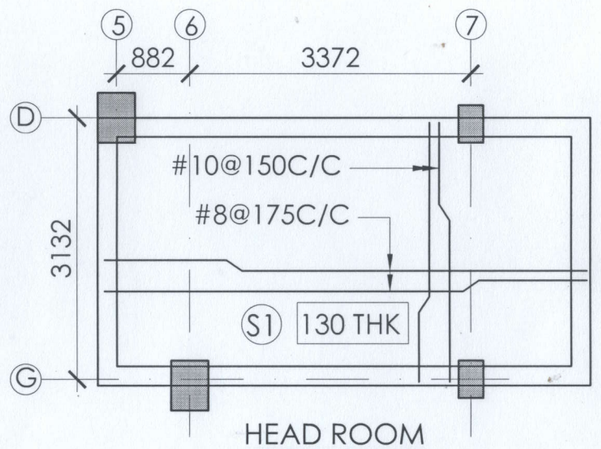


SECTION A-A



HEAD ROOM
BEAM LAYOUT





HEAD ROOM
SLAB LAYOUT

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

2. CONCRETE GRADE M25

3. STEEL GRADE FE500

4. CLEAR COVER

PILE	-	60MM
PILE CAP	-	60MM
COLUMN	-	40MM
BEAM	-	30MM
SLAB	-	20MM

PROJECT TITLE :

THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21,WARD NO: 06,BLOCK NO33, T.S.NO:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT.

DRAWING TITLE :

STRUCTURAL DRAWING NO. STR - 12/12

OWNER :

ENGINEER :

Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862

```
**************************************************
*                                                *
*           STAAD.Pro V8i SELECTseries5           *
*           Version  20.07.10.64                 *
*           Proprietary Program of               *
*           Bentley Systems, Inc.                *
*           Date=    JUL  7, 2026                *
*           Time=    16: 7:42                    *
*                                                *
*      USER ID:                                  *
**************************************************
```

```
     1. STAAD SPACE
INPUT FILE: Kumbakonam S+4_Rev0 PPA.STD
     2. START JOB INFORMATION
     3. ENGINEER DATE 18-DEC-24
     4. END JOB INFORMATION
     5. INPUT WIDTH 79
     6. UNIT METER KG
     7. JOINT COORDINATES
     8. 1 0 0 0; 2 4.2 0 0; 3 11.5 0 0; 4 15.7 0 0; 5 0 0 4.8; 6 15.7 0 4.8
     9. 7 4.2 0 5.5; 8 11.5 0 5.5; 9 0 0 9.6; 10 1.8 0 9.6; 11 4.2 0 9.6
    10. 12 11.5 0 9.6; 13 15.7 0 9.6; 14 0 0 11.8; 15 1.8 0 11.8; 16 4.2 0 12.6
    11. 17 12.4 0 12.6; 18 15.7 0 12.6; 19 0 0 13.3; 20 0 0 18; 21 15.7 0 18
    12. 22 0 0 20.9; 23 4.2 0 20.9; 24 12.4 0 20.9; 25 15.7 0 20.9; 101 0 3.3 0
    13. 102 0 6.5 0; 103 0 9.7 0; 104 0 12.9 0; 105 0 17.1 0; 106 3.3 17.1 0
    14. 108 4.2 3.3 0; 109 4.2 6.5 0; 110 4.2 9.7 0; 111 4.2 12.9 0; 112 4.2 17.1 0
    15. 113 6.4 17.1 0; 114 7.85 3.3 0; 115 7.85 12.9 0; 116 7.85 6.5 0
    16. 117 7.85 9.7 0; 118 9.3 17.1 0; 120 11.5 3.3 0; 121 11.5 6.5 0; 122 11.5 9.7 0
    17. 123 11.5 12.9 0; 124 11.5 17.1 0; 125 12.4 17.1 0; 127 15.7 3.3 0
    18. 128 15.7 6.5 0; 129 15.7 9.7 0; 130 15.7 12.9 0; 131 15.7 17.1 0
    19. 132 4.2 3.3 1.6; 133 4.2 6.5 1.6; 134 4.2 9.7 1.6; 135 7.85 3.3 1.6
    20. 136 7.85 6.5 1.6; 137 7.85 9.7 1.6; 138 11.5 3.3 1.6; 139 11.5 6.5 1.6
    21. 140 11.5 9.7 1.6; 141 0 17.1 3.3; 142 3.3 17.1 3.3; 143 6.4 17.1 3.3
    22. 144 9.3 17.1 3.3; 145 12.4 17.1 3.3; 146 15.7 17.1 3.3; 147 0 3.3 3.4
    23. 148 0 6.5 3.4; 149 0 9.7 3.4; 150 4.2 3.3 3.4; 151 4.2 6.5 3.4
    24. 152 4.2 9.7 3.4; 153 11.5 3.3 3.4; 154 11.5 6.5 3.4; 155 11.5 9.7 3.4
    25. 156 15.7 3.3 3.4; 157 15.7 6.5 3.4; 158 15.7 9.7 3.4; 160 0 3.3 4.8
    26. 161 0 6.5 4.8; 162 0 9.7 4.8; 163 0 12.9 4.8; 164 0 17.1 4.8; 165 4.2 0 4.8
    27. 166 4.2 3.3 4.8; 167 4.2 9.7 4.8; 168 4.2 12.9 4.8; 169 4.2 6.5 4.8
    28. 170 11.5 0 4.8; 171 11.5 3.3 4.8; 172 11.5 9.7 4.8; 173 11.5 12.9 4.8
    29. 174 11.5 6.5 4.8; 176 15.7 3.3 4.8; 177 15.7 6.5 4.8; 178 15.7 9.7 4.8
    30. 179 15.7 12.9 4.8; 180 15.7 17.1 4.8; 182 4.2 3.3 5.5; 183 4.2 6.5 5.5
    31. 184 4.2 9.7 5.5; 185 4.2 12.9 5.5; 186 7.85 3.3 5.5; 187 7.85 6.5 5.5
    32. 188 7.85 9.7 5.5; 189 7.85 12.9 5.5; 191 11.5 3.3 5.5; 192 11.5 6.5 5.5
    33. 193 11.5 9.7 5.5; 194 11.5 12.9 5.5; 195 7.85 12.9 5.7; 196 0 17.1 6.5
    34. 197 3.3 17.1 6.5; 198 6.4 17.1 6.5; 199 9.3 17.1 6.5; 200 12.4 17.1 6.5
    35. 201 15.7 17.1 6.5; 203 0 3.3 9.6; 204 0 6.5 9.6; 205 0 9.7 9.6; 206 0 12.9 9.6
    36. 207 0 17.1 9.6; 208 0 19.8 9.6; 210 1.8 3.3 9.6; 211 1.8 6.5 9.6
    37. 212 1.8 9.7 9.6; 213 1.8 12.9 9.6; 214 1.8 17.1 9.6; 215 1.8 19.8 9.6
    38. 216 3.3 17.1 9.6; 218 4.2 3.3 9.6; 219 4.2 6.5 9.6; 220 4.2 9.7 9.6
```

39. 221 4.2 12.9 9.6; 222 4.2 17.1 9.6; 223 4.2 19.8 9.6; 224 6.4 17.1 9.6
40. 225 7.85 3.3 9.6; 226 7.85 12.9 9.6; 227 7.85 6.5 9.6; 228 7.85 9.7 9.6
41. 229 9.3 17.1 9.6; 231 11.5 3.3 9.6; 232 11.5 6.5 9.6; 233 11.5 9.7 9.6
42. 234 11.5 12.9 9.6; 235 11.5 17.1 9.6; 236 11.5 19.8 9.6; 237 12.4 17.1 9.6
43. 238 13.2 0 9.6; 239 13.2 3.3 9.6; 240 13.2 12.9 9.6; 241 13.2 17.1 9.6
44. 242 13.2 19.8 9.6; 243 13.2 6.5 9.6; 244 13.2 9.7 9.6; 246 15.7 3.3 9.6
45. 247 15.7 6.5 9.6; 248 15.7 9.7 9.6; 249 15.7 12.9 9.6; 250 15.7 17.1 9.6
46. 251 15.7 19.8 9.6; 253 0 3.3 11.8; 254 0 6.5 11.8; 255 0 9.7 11.8
47. 256 0 12.9 11.8; 257 0 17.1 11.8; 258 0 19.8 11.8; 260 1.8 3.3 11.8
48. 261 1.8 6.5 11.8; 262 1.8 9.7 11.8; 263 1.8 12.9 11.8; 264 1.8 17.1 11.8
49. 265 1.8 19.8 11.8; 266 3.3 17.1 11.8; 267 4.2 0 11.8; 268 4.2 3.3 11.8
50. 269 4.2 9.7 11.8; 270 4.2 12.9 11.8; 271 4.2 17.1 11.8; 272 4.2 19.8 11.8
51. 273 4.2 6.5 11.8; 274 3.3 17.1 12.6; 276 4.2 3.3 12.6; 277 4.2 6.5 12.6
52. 278 4.2 9.7 12.6; 279 4.2 12.9 12.6; 280 4.2 17.1 12.6; 281 4.2 19.8 12.6
53. 282 6.4 17.1 12.6; 283 9.3 17.1 12.6; 284 9.8 12.9 12.6; 285 9.8 3.3 12.6
54. 286 9.8 6.5 12.6; 287 9.8 9.7 12.6; 288 11.5 17.1 12.6; 289 11.5 3.3 12.6
55. 290 11.5 12.9 12.6; 291 11.5 6.5 12.6; 292 11.5 9.7 12.6; 294 12.4 3.3 12.6
56. 295 12.4 6.5 12.6; 296 12.4 9.7 12.6; 297 12.4 12.9 12.6; 298 12.4 17.1 12.6
57. 299 12.4 19.8 12.6; 300 13.2 0 12.6; 301 13.2 3.3 12.6; 302 13.2 12.9 12.6
58. 303 13.2 17.1 12.6; 304 13.2 19.8 12.6; 305 13.2 6.5 12.6; 306 13.2 9.7 12.6
59. 308 15.7 3.3 12.6; 309 15.7 6.5 12.6; 310 15.7 9.7 12.6; 311 15.7 12.9 12.6
60. 312 15.7 17.1 12.6; 313 15.7 19.8 12.6; 315 0 3.3 13.3; 316 0 6.5 13.3
61. 317 0 9.7 13.3; 318 0 12.9 13.3; 319 0 17.1 13.3; 320 0 3.3 13.4
62. 321 0 12.9 13.4; 322 0 6.5 13.4; 323 0 9.7 13.4; 324 4.2 3.3 13.4
63. 325 4.2 12.9 13.4; 326 4.2 6.5 13.4; 327 4.2 9.7 13.4; 328 12.4 3.3 14.6
64. 329 12.4 12.9 14.6; 330 12.4 6.5 14.6; 331 12.4 9.7 14.6; 332 15.7 3.3 14.6
65. 333 15.7 12.9 14.6; 334 15.7 6.5 14.6; 335 15.7 9.7 14.6; 336 0 17.1 14.8
66. 337 3.3 17.1 14.8; 338 6.4 17.1 14.8; 339 9.3 17.1 14.8; 340 12.4 17.1 14.8
67. 341 15.7 17.1 14.8; 342 0 3.3 16.5; 343 0 6.5 16.5; 344 0 9.7 16.5
68. 345 4.2 3.3 16.5; 346 4.2 6.5 16.5; 347 4.2 9.7 16.5; 348 0 17.1 17.8
69. 349 3.3 17.1 17.8; 350 6.4 17.1 17.8; 351 9.3 17.1 17.8; 352 12.4 17.1 17.8
70. 353 15.7 17.1 17.8; 355 0 3.3 18; 356 0 6.5 18; 357 0 9.7 18; 358 0 12.9 18
71. 359 0 17.1 18; 360 4.2 0 18; 361 4.2 3.3 18; 362 4.2 12.9 18; 363 4.2 6.5 18
72. 364 4.2 9.7 18; 365 7.5 3.3 18; 366 7.5 12.9 18; 367 7.5 6.5 18
73. 368 7.5 9.7 18; 369 9.8 12.9 18; 370 9.8 3.3 18; 371 9.8 6.5 18
74. 372 9.8 9.7 18; 373 11.2 3.3 18; 374 11.2 12.9 18; 375 11.2 6.5 18
75. 376 11.2 9.7 18; 377 12.4 0 18; 378 12.4 3.3 18; 379 12.4 12.9 18
76. 380 12.4 6.5 18; 381 12.4 9.7 18; 383 15.7 3.3 18; 384 15.7 6.5 18
77. 385 15.7 9.7 18; 386 15.7 12.9 18; 387 15.7 17.1 18; 389 0 3.3 20.9
78. 390 0 6.5 20.9; 391 0 9.7 20.9; 392 0 12.9 20.9; 393 0 17.1 20.9
79. 394 3.3 17.1 20.9; 396 4.2 3.3 20.9; 397 4.2 6.5 20.9; 398 4.2 9.7 20.9
80. 399 4.2 12.9 20.9; 400 4.2 17.1 20.9; 401 6.4 17.1 20.9; 402 7.5 3.3 20.9
81. 403 7.5 12.9 20.9; 404 7.5 6.5 20.9; 405 7.5 9.7 20.9; 406 9.3 17.1 20.9
82. 407 11.2 3.3 20.9; 408 11.2 12.9 20.9; 409 11.2 6.5 20.9; 410 11.2 9.7 20.9
83. 412 12.4 3.3 20.9; 413 12.4 6.5 20.9; 414 12.4 9.7 20.9; 415 12.4 12.9 20.9
84. 416 12.4 17.1 20.9; 418 15.7 3.3 20.9; 419 15.7 6.5 20.9; 420 15.7 9.7 20.9
85. 421 15.7 12.9 20.9; 422 15.7 17.1 20.9
86. MEMBER INCIDENCES
87. 1 1 101; 2 101 102; 3 102 103; 4 103 104; 5 104 105; 6 2 108; 7 108 109
88. 8 109 110; 9 110 111; 10 111 112; 11 3 120; 12 120 121; 13 121 122; 14 122 123
89. 15 123 124; 16 4 127; 17 127 128; 18 128 129; 19 129 130; 20 130 131; 21 5 160
90. 22 160 161; 23 161 162; 24 162 163; 25 163 164; 26 6 176; 27 176 177
91. 28 177 178; 29 178 179; 30 179 180; 31 7 182; 32 182 183; 33 183 184
92. 34 184 185; 35 8 191; 36 191 192; 37 192 193; 38 193 194; 39 9 203; 40 203 204
93. 41 204 205; 42 205 206; 43 206 207; 44 207 208; 45 10 210; 46 210 211
94. 47 211 212; 48 212 213; 49 213 214; 50 214 215; 51 11 218; 52 218 219

95. 53 219 220; 54 220 221; 55 221 222; 56 222 223; 57 12 231; 58 231 232
96. 59 232 233; 60 233 234; 61 234 235; 62 235 236; 63 13 246; 64 246 247
97. 65 247 248; 66 248 249; 67 249 250; 68 250 251; 69 14 253; 70 253 254
98. 71 254 255; 72 255 256; 73 256 257; 74 257 258; 75 15 260; 76 260 261
99. 77 261 262; 78 262 263; 79 263 264; 80 264 265; 81 16 276; 82 276 277
100. 83 277 278; 84 278 279; 85 279 280; 86 280 281; 87 17 294; 88 294 295
101. 89 295 296; 90 296 297; 91 297 298; 92 298 299; 93 18 308; 94 308 309
102. 95 309 310; 96 310 311; 97 311 312; 98 312 313; 99 19 315; 100 315 316
103. 101 316 317; 102 317 318; 103 318 319; 104 20 355; 105 355 356; 106 356 357
104. 107 357 358; 108 358 359; 109 21 383; 110 383 384; 111 384 385; 112 385 386
105. 113 386 387; 114 22 389; 115 389 390; 116 390 391; 117 391 392; 118 392 393
106. 119 23 396; 120 396 397; 121 397 398; 122 398 399; 123 399 400; 124 24 412
107. 125 412 413; 126 413 414; 127 414 415; 128 415 416; 129 25 418; 130 418 419
108. 131 419 420; 132 420 421; 133 421 422; 201 1 2; 202 2 3; 203 3 4; 204 5 165
109. 205 170 6; 206 7 8; 207 9 10; 208 10 11; 209 11 12; 210 12 238; 211 238 13
110. 212 14 15; 213 15 267; 214 16 17; 215 17 300; 216 300 18; 217 20 360
111. 218 360 377; 219 377 21; 220 22 23; 221 23 24; 222 24 25; 223 1 5; 224 5 9
112. 225 9 14; 226 14 19; 227 19 20; 228 20 22; 229 10 15; 230 2 165; 231 165 7
113. 232 7 11; 233 11 267; 234 267 16; 235 16 360; 236 360 23; 237 3 170; 238 170 8
114. 239 8 12; 240 17 377; 241 377 24; 242 238 300; 243 4 6; 244 6 13; 245 13 18
115. 246 18 21; 247 21 25; 301 101 108; 302 108 114; 303 114 120; 304 120 127
116. 305 132 135; 306 135 138; 307 147 150; 308 153 156; 309 160 166; 310 171 176
117. 311 182 186; 312 186 191; 313 203 210; 314 210 218; 315 218 225; 316 225 231
118. 317 231 239; 318 239 246; 319 253 260; 320 260 268; 321 276 285; 322 285 289
119. 323 289 294; 324 294 301; 325 301 308; 326 320 324; 327 328 332; 328 342 345
120. 329 355 361; 330 361 365; 331 365 370; 332 370 373; 333 373 378; 334 378 383
121. 335 389 396; 336 396 402; 337 402 407; 338 407 412; 339 412 418; 340 101 147
122. 341 147 160; 342 160 203; 343 203 253; 344 253 315; 345 315 320; 346 320 342
123. 347 342 355; 348 355 389; 349 210 260; 350 108 132; 351 132 150; 352 150 166
124. 353 166 182; 354 182 218; 355 218 268; 356 268 276; 357 276 324; 358 324 345
125. 359 345 361; 360 361 396; 361 365 402; 362 114 135; 363 135 186; 364 186 225
126. 365 285 370; 366 373 407; 367 120 138; 368 138 153; 369 153 171; 370 171 191
127. 371 191 231; 372 231 289; 373 294 328; 374 328 378; 375 378 412; 376 239 301
128. 377 127 156; 378 156 176; 379 176 246; 380 246 308; 381 308 332; 382 332 383
129. 383 383 418; 401 102 109; 402 109 116; 403 116 121; 404 121 128; 405 133 136
130. 406 136 139; 407 148 151; 408 154 157; 409 161 169; 410 174 177; 411 183 187
131. 412 187 192; 413 204 211; 414 211 219; 415 219 227; 416 227 232; 417 232 243
132. 418 243 247; 419 254 261; 420 261 273; 421 277 286; 422 286 291; 423 291 295
133. 424 295 305; 425 305 309; 426 322 326; 427 330 334; 428 343 346; 429 356 363
134. 430 363 367; 431 367 371; 432 371 375; 433 375 380; 434 380 384; 435 390 397
135. 436 397 404; 437 404 409; 438 409 413; 439 413 419; 440 102 148; 441 148 161
136. 442 161 204; 443 204 254; 444 254 316; 445 316 322; 446 322 343; 447 343 356
137. 448 356 390; 449 211 261; 450 109 133; 451 133 151; 452 151 169; 453 169 183
138. 454 183 219; 455 219 273; 456 273 277; 457 277 326; 458 326 346; 459 346 363
139. 460 363 397; 461 367 404; 462 116 136; 463 136 187; 464 187 227; 465 286 371
140. 466 375 409; 467 121 139; 468 139 154; 469 154 174; 470 174 192; 471 192 232
141. 472 232 291; 473 295 330; 474 330 380; 475 380 413; 476 243 305; 477 128 157
142. 478 157 177; 479 177 247; 480 247 309; 481 309 334; 482 334 384; 483 384 419
143. 501 103 110; 502 110 117; 503 117 122; 504 122 129; 505 134 137; 506 137 140
144. 507 149 152; 508 155 158; 509 162 167; 510 172 178; 511 184 188; 512 188 193
145. 513 205 212; 514 212 220; 515 220 228; 516 228 233; 517 233 244; 518 244 248
146. 519 255 262; 520 262 269; 521 278 287; 522 287 292; 523 292 296; 524 296 306
147. 525 306 310; 526 323 327; 527 331 335; 528 344 347; 529 357 364; 530 364 368
148. 531 368 372; 532 372 376; 533 376 381; 534 381 385; 535 391 398; 536 398 405
149. 537 405 410; 538 410 414; 539 414 420; 540 103 149; 541 149 162; 542 162 205
150. 543 205 255; 544 255 317; 545 317 323; 546 323 344; 547 344 357; 548 357 391

```
151. 549 212 262; 550 110 134; 551 134 152; 552 152 167; 553 167 184; 554 184 220
152. 555 220 269; 556 269 278; 557 278 327; 558 327 347; 559 347 364; 560 364 398
153. 561 368 405; 562 117 137; 563 137 188; 564 188 228; 565 287 372; 566 376 410
154. 567 122 140; 568 140 155; 569 155 172; 570 172 193; 571 193 233; 572 233 292
155. 573 296 331; 574 331 381; 575 381 414; 576 244 306; 577 129 158; 578 158 178
156. 579 178 248; 580 248 310; 581 310 335; 582 335 385; 583 385 420; 601 104 111
157. 602 111 115; 603 115 123; 604 123 130; 605 163 168; 606 173 179; 607 185 189
158. 608 189 194; 609 206 213; 610 213 221; 611 221 226; 612 226 234; 613 234 240
159. 614 240 249; 615 256 263; 616 263 270; 617 279 284; 618 284 290; 619 290 297
160. 620 297 302; 621 302 311; 622 321 325; 623 329 333; 624 358 362; 625 362 366
161. 626 366 369; 627 369 374; 628 374 379; 629 379 386; 630 392 399; 631 399 403
162. 632 403 408; 633 408 415; 634 415 421; 635 104 163; 636 163 206; 637 206 256
163. 638 256 318; 639 318 321; 640 321 358; 641 358 392; 642 213 263; 643 111 168
164. 644 168 185; 645 185 221; 646 221 270; 647 270 279; 648 279 325; 649 325 362
165. 650 362 399; 651 366 403; 652 115 189; 653 189 195; 654 195 226; 655 284 369
166. 656 374 408; 657 123 173; 658 173 194; 659 194 234; 660 234 290; 661 297 329
167. 662 329 379; 663 379 415; 664 240 302; 665 130 179; 666 179 249; 667 249 311
168. 668 311 333; 669 333 386; 670 386 421; 701 105 106; 702 106 112; 703 112 113
169. 704 113 118; 705 118 124; 706 124 125; 707 125 131; 708 141 142; 709 142 143
170. 710 143 144; 711 144 145; 712 145 146; 713 196 197; 714 197 198; 715 198 199
171. 716 199 200; 717 200 201; 718 207 214; 719 214 216; 720 216 222; 721 222 224
172. 722 224 229; 723 229 235; 724 235 237; 725 237 241; 726 241 250; 727 257 264
173. 728 264 266; 729 266 271; 730 274 280; 731 280 282; 732 282 283; 733 283 288
174. 734 288 298; 735 298 303; 736 303 312; 737 336 337; 738 337 338; 739 338 339
175. 740 339 340; 741 340 341; 742 348 349; 743 349 350; 744 350 351; 745 351 352
176. 746 352 353; 747 393 394; 748 394 400; 749 400 401; 750 401 406; 751 406 416
177. 752 416 422; 753 105 141; 754 141 164; 755 164 196; 756 196 207; 757 207 257
178. 758 257 319; 759 319 336; 760 336 348; 761 348 359; 762 359 393; 763 214 264
179. 764 106 142; 765 142 197; 766 197 216; 767 266 274; 768 274 337; 769 337 349
180. 770 349 394; 771 222 271; 772 271 280; 773 113 143; 774 143 198; 775 198 224
181. 776 282 338; 777 338 350; 778 350 401; 779 118 144; 780 144 199; 781 199 229
182. 782 283 339; 783 339 351; 784 351 406; 785 235 288; 786 125 145; 787 145 200
183. 788 200 237; 789 298 340; 790 340 352; 791 352 416; 792 131 146; 793 146 180
184. 794 180 201; 795 201 250; 796 250 312; 797 312 341; 798 341 353; 799 353 387
185. 800 387 422; 801 208 215; 802 215 223; 803 223 236; 804 236 242; 805 242 251
186. 806 258 265; 807 265 272; 808 281 299; 809 299 304; 810 304 313; 811 208 258
187. 812 215 265; 813 223 272; 814 272 281; 815 242 304; 816 251 313
188. DEFINE MATERIAL START
189. ISOTROPIC CONCRETE
190. E 2.21467E+009
191. POISSON 0.17
192. DENSITY 2402.62
193. ALPHA 1E-005
194. DAMP 0.05
195. TYPE CONCRETE
196. STRENGTH FCU 2.81228E+006
197. END DEFINE MATERIAL
198. MEMBER PROPERTY AMERICAN
199. 31 TO 38 119 TO 128 PRIS YD 0.45 ZD 0.45
200. 39 TO 50 69 TO 80 PRIS YD 0.23 ZD 0.45
201. 1 TO 5 16 TO 20 114 TO 118 129 TO 133 PRIS YD 0.3 ZD 0.3
202. 21 TO 30 63 TO 68 93 TO 113 PRIS YD 0.3 ZD 0.45
203. 81 TO 84 87 TO 90 PRIS YD 0.45 ZD 0.6
204. 6 TO 15 51 TO 54 57 TO 60 PRIS YD 0.45 ZD 0.6
205. 201 TO 247 PRIS YD 0.45 ZD 0.3
206. 301 TO 304 311 312 315 316 321 TO 323 335 TO 342 344 TO 348 350 TO 360 367 -
```

```
207. 368 TO 375 377 TO 379 381 TO 383 401 TO 404 411 412 415 416 421 TO 423 435 -
208. 436 TO 442 444 TO 448 450 TO 454 457 TO 460 467 TO 475 477 TO 479 481 TO 483 -
209. 501 TO 504 511 512 515 516 521 TO 523 535 TO 542 544 TO 548 550 TO 560 567 -
210. 568 TO 575 577 TO 579 581 TO 583 601 TO 604 611 612 617 TO 619 630 TO 636 -
211. 639 TO 641 643 TO 650 657 TO 663 665 666 668 TO 670 803 TO 805 808 TO 810 -
212. 813 TO 816 PRIS YD 0.6 ZD 0.3
213. 305 TO 310 313 314 317 TO 320 324 TO 334 343 349 361 TO 366 376 380 -
214. 405 TO 410 413 414 417 TO 420 424 TO 434 443 449 455 456 461 TO 466 476 480 -
215. 505 TO 510 513 514 517 TO 520 524 TO 534 543 549 561 TO 566 576 580 -
216. 605 TO 610 613 TO 616 620 TO 629 637 638 642 651 TO 656 664 -
217. 667 PRIS YD 0.43 ZD 0.3
218. 701 TO 707 721 TO 723 730 TO 734 747 TO 756 758 TO 762 792 TO 799 -
219. 800 PRIS YD 0.7 ZD 0.3
220. 708 TO 717 719 720 724 TO 726 728 729 735 TO 746 764 TO 784 786 TO 790 -
221. 791 PRIS YD 0.7 ZD 0.23
222. 718 727 757 763 785 801 802 806 807 811 812 PRIS YD 0.45 ZD 0.23
223. MEMBER PROPERTY AMERICAN
224. 55 56 61 62 85 86 91 92 PRIS YD 0.45 ZD 0.3
225. CONSTANTS
226. MATERIAL CONCRETE ALL
227. SUPPORTS
228. 1 TO 25 FIXED
229. MEMBER RELEASE
230. 301 309 313 319 326 329 335 340 350 367 377 401 409 426 429 435 440 450 467 -
231. 477 501 509 526 529 535 540 550 567 577 601 605 609 615 622 624 630 635 643 -
232. 657 665 701 747 753 792 801 806 811 816 START MP 0.8
233. 304 310 318 325 334 339 348 360 375 383 404 410 418 425 434 439 448 460 475 -
234. 483 504 510 518 525 534 539 548 560 575 583 604 606 614 621 629 634 641 650 -
235. 663 670 707 752 762 791 800 805 810 811 816 END MP 0.8
236. ***
237. DEFINE REFERENCE LOADS
238. LOAD R1 LOADTYPE DEAD  TITLE DEAD LOAD
239. MEMBER LOAD
240. 301 TO 304 307 308 313 TO 325 332 TO 344 346 TO 354 357 TO 371 373 TO 375 -
241. 377 TO 379 381 TO 383 401 TO 404 407 408 413 TO 425 432 TO 444 446 TO 454 -
242. 457 TO 471 473 TO 475 477 TO 479 481 TO 483 501 TO 504 507 508 513 TO 525 -
243. 532 TO 544 546 TO 554 557 TO 571 573 TO 575 577 TO 579 581 TO 582 -
244. 583 UNI GY -1250
245. 305 306 309 310 326 TO 331 405 406 409 410 426 TO 431 505 506 509 510 526 -
246. 527 TO 531 UNI GY -740
247. 207 210 TO 212 215 216 225 229 242 245 UNI GY -1250
248. 601 TO 604 630 TO 636 638 640 641 665 666 668 TO 670 UNI GY -2000
249. 609 610 613 TO 615 620 621 637 642 UNI GY -1650
250. 616 622 623 647 648 661 UNI GY -1000
251. 718 724 TO 727 734 TO 736 757 763 785 796 UNI GY -1200
252. 701 TO 707 747 TO 756 758 TO 762 792 TO 795 797 TO 811 814 816 UNI GY -460
253. FLOOR LOAD
254. YRANGE 3 10 FLOAD -425 GY
255. YRANGE 12.9 12.9 FLOAD -425 GY
256. YRANGE 17.1 20.4 FLOAD -625 GY
257. YRANGE 19 20 FLOAD -1000 XRANGE 4.2 13.2  ZRANGE 9.6 12.6  GY
258. YRANGE 3.3 10 FLOAD -300 XRANGE 4.2 7.85  ZRANGE 0 1.6  GY
259. YRANGE 3.3 10 FLOAD -300 XRANGE 7.85 11.5  ZRANGE 0 1.6  GY
260. YRANGE 3.3 10 FLOAD -300 XRANGE 0 4.2  ZRANGE 3.4 4.8  GY
261. YRANGE 3.3 10 FLOAD -300 XRANGE 11.5 15.7  ZRANGE 3.4 4.8  GY
262. YRANGE 3.3 13 FLOAD -300 XRANGE 0 4.2  ZRANGE 11.8 13.4  GY
```

```
263. YRANGE 3.3 13 FLOAD -300 XRANGE 12.4 15.7  ZRANGE 12.6 14.6  GY
264. YRANGE 3.3 10 FLOAD -300 XRANGE 0 4.2  ZRANGE 16.5 18  GY
265. SELFWEIGHT Y -1
266. MEMBER LOAD
267. 635 TO 641 753 TO 762 UMOM X 2400
268. 665 TO 670 792 TO 800 UMOM X -2400
269. 601 TO 604 701 TO 707 UMOM X -2400
270. 630 TO 634 747 TO 752 UMOM X 2400
271. 803 TO 805 808 TO 810 813 TO 816 UNI GY -400
272. ***
273. LOAD R2 LOADTYPE LIVE REDUCIBLE TITLE LIVE LOAD
274. FLOOR LOAD
275. YRANGE 3 10 FLOAD -200 GY
276. YRANGE 12.9 13 FLOAD -300 GY
277. YRANGE 17 20 FLOAD -150 GY
278. YRANGE 3.3 21 FLOAD -100 XRANGE 11.5 15.7  ZRANGE 9.6 12.6  GY
279. END DEFINE REFERENCE LOADS
280. ***
281. DEFINE WIND LOAD
```

***** NOTE: If any floor diaphragm is present in the model Wind Load definition should be defined after Floor Diaphragm definition. Otherwise wind load generation may be unsuccessful during analysis.**

```
282. TYPE 1 WIND 1
283. INT 70 70 HEIG  1  25
284. ***
285. DEFINE 1893 LOAD
286. ZONE 0.1 RF 5 I 1 SS 1 ST 1 DM 0.05
287. SELFWEIGHT 1
288. FLOOR WEIGHT
**NOTE** about Floor/OneWay Loads/Weights.
  Please note that depending on the shape of the floor you may
  have to break up the FLOOR/ONEWAY LOAD into multiple commands.
  For details please refer to Technical Reference Manual
  Section 5.32.4.2 Note d and/or "5.32.4.3 Note f.

289. YRANGE 12.8 13 FLOAD 75
290. YRANGE 3.3 9.7 FLOAD 50
291. LOAD 1 LOADTYPE SEISMIC  TITLE SEISMIC X
292. 1893 LOAD X 1
293. LOAD 2 LOADTYPE SEISMIC  TITLE SEISMIC Z
294. 1893 LOAD Z 1
295. ***
296. LOAD 5 LOADTYPE DEAD  TITLE DEAD LOAD
297. REFERENCE LOAD
298. R1 1.0
299. ***
300. LOAD 6 LOADTYPE LIVE  TITLE LIVE LOAD
301. REFERENCE LOAD
```

```
302. R2 1.0
303. ***
304. LOAD 11 LOADTYPE WIND  TITLE WL IN X
305. WIND LOAD X 1.2 TYPE 1 YR 0 20.4
306. LOAD 12 LOADTYPE WIND  TITLE WL IN - X
307. WIND LOAD X -1.2 TYPE 1 YR 0 20.4
308. LOAD 13 LOADTYPE WIND  TITLE WL IN Z
309. WIND LOAD Z 1.2 TYPE 1 YR 0 20.4
310. LOAD 14 LOADTYPE WIND  TITLE WL IN -Z
311. WIND LOAD Z -1.2 TYPE 1 YR 0 20.4
312. ***
313. LOAD COMB 3 GENERATED INDIAN CODE GENRAL_STRUCTURES 1
314. 5 1.5 6 1.5
315. LOAD COMB 4 GENERATED INDIAN CODE GENRAL_STRUCTURES 2
316. 5 1.2 6 1.2 11 1.2
317. LOAD COMB 7 GENERATED INDIAN CODE GENRAL_STRUCTURES 5
318. 5 1.2 6 1.2 14 1.2
319. LOAD COMB 8 GENERATED INDIAN CODE GENRAL_STRUCTURES 6
320. 5 1.2 6 1.2 11 -1.2
321. LOAD COMB 9 GENERATED INDIAN CODE GENRAL_STRUCTURES 7
322. 5 1.2 6 1.2 12 -1.2
323. LOAD COMB 10 GENERATED INDIAN CODE GENRAL_STRUCTURES 8
324. 5 1.2 6 1.2 13 -1.2
325. LOAD COMB 15 GENERATED INDIAN CODE GENRAL_STRUCTURES 13
326. 5 1.2 6 1.2 2 -1.2
327. LOAD COMB 16 GENERATED INDIAN CODE GENRAL_STRUCTURES 14
328. 5 1.5 11 1.5
329. LOAD COMB 17 GENERATED INDIAN CODE GENRAL_STRUCTURES 15
330. 5 1.5 12 1.5
331. LOAD COMB 18 GENERATED INDIAN CODE GENRAL_STRUCTURES 16
332. 5 1.5 13 1.5
333. LOAD COMB 19 GENERATED INDIAN CODE GENRAL_STRUCTURES 17
334. 5 1.5 14 1.5
335. LOAD COMB 20 GENERATED INDIAN CODE GENRAL_STRUCTURES 18
336. 5 1.5 11 -1.5
337. LOAD COMB 21 GENERATED INDIAN CODE GENRAL_STRUCTURES 19
338. 5 1.5 12 -1.5
339. LOAD COMB 22 GENERATED INDIAN CODE GENRAL_STRUCTURES 20
340. 5 1.5 13 -1.5
341. LOAD COMB 23 GENERATED INDIAN CODE GENRAL_STRUCTURES 21
342. 5 1.5 14 -1.5
343. LOAD COMB 24 GENERATED INDIAN CODE GENRAL_STRUCTURES 22
344. 5 1.5 1 1.5
345. LOAD COMB 25 GENERATED INDIAN CODE GENRAL_STRUCTURES 23
```

```
346. 5 1.5 2 1.5
347. LOAD COMB 26 GENERATED INDIAN CODE GENRAL_STRUCTURES 24
348. 5 1.5 1 -1.5
349. LOAD COMB 27 GENERATED INDIAN CODE GENRAL_STRUCTURES 25
350. 5 1.5 2 -1.5
351. LOAD COMB 28 GENERATED INDIAN CODE GENRAL_STRUCTURES 26
352. 5 0.9 1 1.5
353. LOAD COMB 29 GENERATED INDIAN CODE GENRAL_STRUCTURES 27
354. 5 0.9 2 1.5
355. LOAD COMB 30 GENERATED INDIAN CODE GENRAL_STRUCTURES 28
356. 5 0.9 1 -1.5
357. LOAD COMB 31 GENERATED INDIAN CODE GENRAL_STRUCTURES 29
358. 5 0.9 2 -1.5
359. LOAD COMB 32 COMBINATION LOAD CASE 32
360. 1 1.0 5 1.0 6 1.0 11 1.0
361. ***
362. PDELTA ANALYSIS SMALLDELTA
```

P R O B L E M S T A T I S T I C S

NUMBER OF JOINTS	**323**	**NUMBER OF MEMBERS**	**615**
NUMBER OF PLATES	**0**	**NUMBER OF SOLIDS**	**0**
NUMBER OF SURFACES	**0**	**NUMBER OF SUPPORTS**	**25**

SOLVER USED IS THE OUT-OF-CORE BASIC SOLVER

ORIGINAL/FINAL BAND-WIDTH= 294/ 40/ 240 DOF
TOTAL PRIMARY LOAD CASES = 8, TOTAL DEGREES OF FREEDOM = 1788
TOTAL LOAD COMBINATION CASES = 24 SO FAR.
SIZE OF STIFFNESS MATRIX = 430 DOUBLE KILO-WORDS
REQRD/AVAIL. DISK SPACE = 17.8/ 222741.5 MB

**WARNING: IF THIS UBC/IBC ANALYSIS HAS TENSION/COMPRESSION
OR REPEAT LOAD OR RE-ANALYSIS OR SELECT OPTIMIZE, THEN EACH
UBC/IBC CASE SHOULD BE FOLLOWED BY PERFORM ANALYSIS _CHANGE.

```
************************************************************
*                                                          *
* TIME PERIOD FOR X 1893 LOADING =    0.70398 SEC          *
* SA/G PER 1893=    1.420, LOAD FACTOR= 1.000              *
* VB PER 1893=    0.0142 X   767158.00=   10897.44 KG      *
*                                                          *
************************************************************
```

```
*********************************************************
*                                                       *
* TIME PERIOD FOR Z 1893 LOADING =    0.70398 SEC       *
* SA/G PER 1893=    1.420, LOAD FACTOR= 1.000           *
* VB PER 1893=    0.0142 X   767158.00=   10897.44 KG    *
*                                                       *
*********************************************************

++ Adjusting Displacements.
++ Adjusting Displacements.


363. LOAD LIST 3
364. ***
365. START CONCRETE DESIGN
366. CODE INDIAN
367. UNIT MMS NEWTON
368. FYMAIN 500 ALL
369. FYSEC 500 ALL
370. FC 25 ALL
371. CLEAR 40 MEMB 1 TO 133
372. CLEAR 30 MEMB 201 TO 247 301 TO 383 401 TO 483 501 TO 583 601 TO 670 701 TO 816
373. DESIGN COLUMN 1 TO 133
```

```
================================================================================

         C O L U M N   N O.      1  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3300.0 mm   CROSS SECTION:  300.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:     1  SHORT COLUMN


REQD. STEEL AREA   :      500.51 Sq.mm.
REQD. CONCRETE AREA:    89499.49 Sq.mm.
MAIN REINFORCEMENT : Provide   4 - 16 dia. (0.89%,    804.25 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1194.56   Muz1 :     43.29   Muy1 :     43.29

INTERACTION RATIO: 0.31 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:     1 Puz :   1305.05   Muz :     56.10   Muy :     56.10   IR: 0.23
================================================================================


================================================================================

         C O L U M N   N O.      2  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  300.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   101  SHORT COLUMN
```

REQD. STEEL AREA : 405.58 Sq.mm.
REQD. CONCRETE AREA: 50696.93 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1160.03 Muz1 : 45.43 Muy1 : 45.43

INTERACTION RATIO: 0.26 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 101 Puz : 1177.06 Muz : 50.36 Muy : 50.36 IR: 0.22
==========

==========

C O L U M N N O. 3 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 102 SHORT COLUMN

REQD. STEEL AREA : 307.03 Sq.mm.
REQD. CONCRETE AREA: 38378.30 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1124.18 Muz1 : 44.72 Muy1 : 44.72

INTERACTION RATIO: 0.27 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 103 Puz : 1177.06 Muz : 53.99 Muy : 53.99 IR: 0.24

==========

==========

C O L U M N N O. 4 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 103 SHORT COLUMN

REQD. STEEL AREA : 207.82 Sq.mm.
REQD. CONCRETE AREA: 25977.81 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1088.10 Muz1 : 37.86 Muy1 : 37.86

INTERACTION RATIO: 0.34 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 103 Puz : 1177.06 Muz : 50.15 Muy : 50.15 IR: 0.26

==========

==========

C O L U M N N O. 5 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG COLUMN

REQD. STEEL AREA : 77.72 Sq.mm.
REQD. CONCRETE AREA: 9715.17 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1040.77 Muz1 : 18.21 Muy1 : 18.21

INTERACTION RATIO: 0.76 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1177.06 Muz : 35.07 Muy : 35.07 IR: 0.39
==========

==========

C O L U M N N O. 6 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 2 SHORT COLUMN

REQD. STEEL AREA : 1769.91 Sq.mm.
REQD. CONCRETE AREA: 221238.22 Sq.mm.
MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.67%, 1809.56 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3681.30 Muz1 : 182.21 Muy1 : 248.61

INTERACTION RATIO: 0.20 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 108 Puz : 3695.73 Muz : 187.67 Muy : 256.36 IR: 0.42

```
================================================================================


================================================================================

         C O L U M N   N O.      7  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  600.0 mm X  450.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   108  SHORT COLUMN


REQD. STEEL AREA   :     1410.62 Sq.mm.
REQD. CONCRETE AREA:   176327.00 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 16 dia. (0.60%,   1608.50 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   3550.61   Muz1 :    207.25   Muy1 :    282.52

INTERACTION RATIO: 0.33 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   108 Puz :   3622.59   Muz :    218.47   Muy :    299.33   IR: 0.44
================================================================================


================================================================================

         C O L U M N   N O.      8  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  600.0 mm X  450.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   109  SHORT COLUMN
```

```
REQD. STEEL AREA   :     1055.79 Sq.mm.
REQD. CONCRETE AREA:   131974.30 Sq.mm.
MAIN REINFORCEMENT : Provide  12 - 12 dia. (0.50%,   1357.17 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   3421.55   Muz1 :    213.08   Muy1 :    290.91

INTERACTION RATIO: 0.35 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   110 Puz :   3531.17   Muz :    229.06   Muy :    314.62   IR: 0.50
================================================================================


================================================================================

         C O L U M N   N O.      9  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  600.0 mm X  450.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   110  SHORT COLUMN


REQD. STEEL AREA   :      701.63 Sq.mm.
REQD. CONCRETE AREA:    87703.65 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.34%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   3292.72   Muz1 :    186.46   Muy1 :    252.10

INTERACTION RATIO: 0.45 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   111 Puz :   3366.61   Muz :    197.88   Muy :    268.71   IR: 0.80
```

==========

==========

C O L U M N N O. 10 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 112 SHORT COLUMN

REQD. STEEL AREA : 1101.14 Sq.mm.
REQD. CONCRETE AREA: 137642.86 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.50%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3438.04 Muz1 : 166.35 Muy1 : 226.83

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 112 Puz : 3531.17 Muz : 183.25 Muy : 251.00 IR: 0.99

==========

==========

C O L U M N N O. 11 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 3 SHORT COLUMN

REQD. STEEL AREA : 1766.20 Sq.mm.
REQD. CONCRETE AREA: 220775.47 Sq.mm.
MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.67%, 1809.56 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3679.96 Muz1 : 182.56 Muy1 : 249.08

INTERACTION RATIO: 0.20 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 120 Puz : 3695.73 Muz : 188.18 Muy : 257.07 IR: 0.43
==========

==========

C O L U M N N O. 12 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 120 SHORT COLUMN

REQD. STEEL AREA : 1407.59 Sq.mm.
REQD. CONCRETE AREA: 175949.14 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 16 dia. (0.60%, 1608.50 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3549.51 Muz1 : 207.38 Muy1 : 282.71

INTERACTION RATIO: 0.35 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 120 Puz : 3622.59 Muz : 218.74 Muy : 299.72 IR: 0.46

==========

==========

C O L U M N N O. 13 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 121 SHORT COLUMN

REQD. STEEL AREA : 1053.50 Sq.mm.
REQD. CONCRETE AREA: 131687.30 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.50%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3420.71 Muz1 : 213.05 Muy1 : 290.84

INTERACTION RATIO: 0.36 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 122 Puz : 3531.17 Muz : 229.18 Muy : 314.72 IR: 0.50

==========

==========

C O L U M N N O. 14 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 122 SHORT COLUMN

REQD. STEEL AREA : 699.59 Sq.mm.
REQD. CONCRETE AREA: 87448.15 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.34%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3291.97 Muz1 : 186.17 Muy1 : 251.70

INTERACTION RATIO: 0.49 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 123 Puz : 3366.61 Muz : 197.70 Muy : 268.48 IR: 0.77
==========

==========

C O L U M N N O. 15 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 124 SHORT COLUMN

REQD. STEEL AREA : 1141.64 Sq.mm.
REQD. CONCRETE AREA: 142704.62 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.50%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3452.77 Muz1 : 168.69 Muy1 : 230.15

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 124 Puz : 3531.17 Muz : 183.03 Muy : 250.70 IR: 0.99

==========

==========

C O L U M N N O. 16 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 4 SHORT COLUMN

REQD. STEEL AREA : 498.80 Sq.mm.
REQD. CONCRETE AREA: 89501.20 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 16 dia. (0.89%, 804.25 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1193.94 Muz1 : 43.35 Muy1 : 43.35

INTERACTION RATIO: 0.31 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 4 Puz : 1305.05 Muz : 56.23 Muy : 56.23 IR: 0.62

==========

==========

C O L U M N N O. 17 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 127 SHORT COLUMN

```
REQD. STEEL AREA   :      403.90 Sq.mm.
REQD. CONCRETE AREA:    50487.50 Sq.mm.
MAIN REINFORCEMENT : Provide   4 - 12 dia. (0.50%,    452.39 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1159.42   Muz1 :     45.44   Muy1 :     45.44

INTERACTION RATIO: 0.26 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   127 Puz :   1177.06   Muz :     50.43   Muy :     50.43   IR: 0.55
================================================================================


================================================================================

         C O L U M N   N O.     18  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  300.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   128  SHORT COLUMN


REQD. STEEL AREA   :      305.42 Sq.mm.
REQD. CONCRETE AREA:    38177.45 Sq.mm.
MAIN REINFORCEMENT : Provide   4 - 12 dia. (0.50%,    452.39 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1123.60   Muz1 :     44.67   Muy1 :     44.67

INTERACTION RATIO: 0.25 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   129 Puz :   1177.06   Muz :     54.01   Muy :     54.01   IR: 0.45
```

==========

==========

C O L U M N N O. 19 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 129 SHORT COLUMN

REQD. STEEL AREA : 206.50 Sq.mm.
REQD. CONCRETE AREA: 25812.19 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1087.61 Muz1 : 37.72 Muy1 : 37.72

INTERACTION RATIO: 0.31 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 129 Puz : 1177.06 Muz : 50.03 Muy : 50.03 IR: 0.43

==========

==========

C O L U M N N O. 20 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG COLUMN

REQD. STEEL AREA : 76.94 Sq.mm.
REQD. CONCRETE AREA: 9617.87 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1040.49 Muz1 : 18.05 Muy1 : 18.05

INTERACTION RATIO: 0.70 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1177.06 Muz : 34.97 Muy : 34.97 IR: 0.36
==========

==========

C O L U M N N O. 21 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 5 SHORT COLUMN

REQD. STEEL AREA : 1080.00 Sq.mm.
REQD. CONCRETE AREA: 133920.00 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (1.01%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1911.60 Muz1 : 39.29 Muy1 : 62.10

INTERACTION RATIO: 0.90 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 5 Puz : 2012.42 Muz : 49.86 Muy : 79.61 IR: 1.82

```
================================================================================


================================================================================

         C O L U M N   N O.     22  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   160  SHORT COLUMN


REQD. STEEL AREA   :      879.26 Sq.mm.
REQD. CONCRETE AREA:   109907.10 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.67%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1838.58   Muz1 :     58.61   Muy1 :     91.92

INTERACTION RATIO: 0.32 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   160 Puz :   1847.86   Muz :     59.73   Muy :     94.26   IR: 0.84
================================================================================


================================================================================

         C O L U M N   N O.     23  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   161  SHORT COLUMN
```

REQD. STEEL AREA : 656.32 Sq.mm.
REQD. CONCRETE AREA: 82039.71 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1757.49 Muz1 : 67.38 Muy1 : 105.71

INTERACTION RATIO: 0.30 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 162 Puz : 1847.86 Muz : 74.84 Muy : 119.61 IR: 0.73
==========

==========

C O L U M N N O. 24 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 163 SHORT COLUMN

REQD. STEEL AREA : 1971.90 Sq.mm.
REQD. CONCRETE AREA: 133028.09 Sq.mm.
MAIN REINFORCEMENT : Provide 20 - 12 dia. (1.68%, 2261.95 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2236.03 Muz1 : 108.61 Muy1 : 180.48

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 163 Puz : 2341.53 Muz : 116.41 Muy : 194.93 IR: 1.05

```
================================================================================


================================================================================

         C O L U M N   N O.     25  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  4200.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  BRACED LONG(Z)  /SHORT(Y)


REQD. STEEL AREA   :     1247.80 Sq.mm.
REQD. CONCRETE AREA:   133752.20 Sq.mm.
MAIN REINFORCEMENT : Provide  12 - 12 dia. (1.01%,   1357.17 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1972.64   Muz1 :     81.28   Muy1 :    131.58

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   2012.42   Muz :     85.21   Muy :    139.14   IR: 0.99
================================================================================


================================================================================

         C O L U M N   N O.     26  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3300.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:     6  SHORT COLUMN
```

REQD. STEEL AREA : 1080.00 Sq.mm.
REQD. CONCRETE AREA: 133920.00 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (1.01%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1911.60 Muz1 : 39.08 Muy1 : 61.78

INTERACTION RATIO: 0.92 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 6 Puz : 2012.42 Muz : 49.69 Muy : 79.35 IR: 2.67
==========

==========

C O L U M N N O. 27 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 176 SHORT COLUMN

REQD. STEEL AREA : 881.26 Sq.mm.
REQD. CONCRETE AREA: 110157.05 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1839.31 Muz1 : 58.49 Muy1 : 91.74

INTERACTION RATIO: 0.35 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 176 Puz : 1847.86 Muz : 59.56 Muy : 93.97 IR: 1.76

==========

==========

C O L U M N N O. 28 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 177 SHORT COLUMN

REQD. STEEL AREA : 658.72 Sq.mm.
REQD. CONCRETE AREA: 82340.27 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1758.36 Muz1 : 67.33 Muy1 : 105.63

INTERACTION RATIO: 0.33 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 177 Puz : 1847.86 Muz : 74.25 Muy : 118.54 IR: 1.20

==========

==========

C O L U M N N O. 29 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 179 SHORT COLUMN

REQD. STEEL AREA : 1898.69 Sq.mm.
REQD. CONCRETE AREA: 133101.31 Sq.mm.
MAIN REINFORCEMENT : Provide 20 - 12 dia. (1.68%, 2261.95 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2209.40 Muz1 : 106.61 Muy1 : 176.79

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 179 Puz : 2341.53 Muz : 116.37 Muy : 194.87 IR: 1.03
==========

==========

C O L U M N N O. 30 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 1217.56 Sq.mm.
REQD. CONCRETE AREA: 133782.44 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (1.01%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1961.64 Muz1 : 80.42 Muy1 : 130.03

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 2012.42 Muz : 85.38 Muy : 139.37 IR: 0.98

==========

==========

C O L U M N N O. 31 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 182 SHORT COLUMN

REQD. STEEL AREA : 1777.90 Sq.mm.
REQD. CONCRETE AREA: 200722.11 Sq.mm.
MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2924.84 Muz1 : 111.71 Muy1 : 111.71

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 182 Puz : 2936.35 Muz : 113.63 Muy : 113.63 IR: 1.72

==========

==========

C O L U M N N O. 32 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 182 SHORT COLUMN

REQD. STEEL AREA : 1881.70 Sq.mm.
REQD. CONCRETE AREA: 200618.30 Sq.mm.
MAIN REINFORCEMENT : Provide 20 - 12 dia. (1.12%, 2261.95 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2962.59 Muz1 : 181.03 Muy1 : 181.03

INTERACTION RATIO: 0.98 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 182 Puz : 3100.91 Muz : 198.19 Muy : 198.19 IR: 1.09
==========

==========

C O L U M N N O. 33 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 184 SHORT COLUMN

REQD. STEEL AREA : 1353.20 Sq.mm.
REQD. CONCRETE AREA: 169150.00 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.67%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2770.35 Muz1 : 189.32 Muy1 : 189.32

INTERACTION RATIO: 0.98 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 184 Puz : 2771.79 Muz : 190.64 Muy : 190.64 IR: 1.11

==========

==========

C O L U M N N O. 34 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 185 SHORT COLUMN

REQD. STEEL AREA : 2225.79 Sq.mm.
REQD. CONCRETE AREA: 200274.20 Sq.mm.
MAIN REINFORCEMENT : Provide 20 - 12 dia. (1.12%, 2261.95 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3087.76 Muz1 : 210.67 Muy1 : 210.67

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 185 Puz : 3100.91 Muz : 212.78 Muy : 212.78 IR: 1.03

==========

==========

C O L U M N N O. 35 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 191 SHORT COLUMN

REQD. STEEL AREA : 1944.00 Sq.mm.
REQD. CONCRETE AREA: 200556.00 Sq.mm.
MAIN REINFORCEMENT : Provide 20 - 12 dia. (1.12%, 2261.95 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2985.26 Muz1 : 119.00 Muy1 : 119.00

INTERACTION RATIO: 0.91 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 191 Puz : 3100.91 Muz : 136.59 Muy : 136.59 IR: 1.25
==========

==========

C O L U M N N O. 36 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 191 SHORT COLUMN

REQD. STEEL AREA : 1902.40 Sq.mm.
REQD. CONCRETE AREA: 200597.59 Sq.mm.
MAIN REINFORCEMENT : Provide 20 - 12 dia. (1.12%, 2261.95 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2970.12 Muz1 : 180.62 Muy1 : 180.62

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 191 Puz : 3100.91 Muz : 196.85 Muy : 196.85 IR: 1.11

==========

==========

C O L U M N N O. 37 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 193 SHORT COLUMN

REQD. STEEL AREA : 1229.62 Sq.mm.
REQD. CONCRETE AREA: 153702.25 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.67%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2725.40 Muz1 : 183.19 Muy1 : 183.19

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 193 Puz : 2771.79 Muz : 190.59 Muy : 190.59 IR: 1.09

==========

==========

C O L U M N N O. 38 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 194 SHORT COLUMN

REQD. STEEL AREA : 2033.12 Sq.mm.
REQD. CONCRETE AREA: 200466.89 Sq.mm.
MAIN REINFORCEMENT : Provide 20 - 12 dia. (1.12%, 2261.95 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3017.67 Muz1 : 199.96 Muy1 : 199.96

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 194 Puz : 3100.91 Muz : 213.44 Muy : 213.44 IR: 0.97
==========

==========

C O L U M N N O. 39 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 550.05 Sq.mm.
REQD. CONCRETE AREA: 102949.95 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1364.46 Muz1 : 37.27 Muy1 : 79.31

INTERACTION RATIO: 0.72 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1493.49 Muz : 43.19 Muy : 97.07 IR: 0.66

==========

==========

C O L U M N N O. 40 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 449.15 Sq.mm.
REQD. CONCRETE AREA: 103050.85 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1327.76 Muz1 : 38.56 Muy1 : 82.08

INTERACTION RATIO: 0.70 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1493.49 Muz : 46.16 Muy : 105.70 IR: 0.63

==========

==========

C O L U M N N O. 41 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 353.70 Sq.mm.
REQD. CONCRETE AREA: 103146.31 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1293.03 Muz1 : 37.91 Muy1 : 80.10

INTERACTION RATIO: 0.73 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1493.49 Muz : 47.90 Muy : 111.04 IR: 0.61
==========

==========

C O L U M N N O. 42 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 1169.71 Sq.mm.
REQD. CONCRETE AREA: 102330.30 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (1.31%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1589.86 Muz1 : 51.76 Muy1 : 120.79

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1658.05 Muz : 54.94 Muy : 131.16 IR: 0.97

==========

==========

C O L U M N N O. 43 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 1141.57 Sq.mm.
REQD. CONCRETE AREA: 102358.44 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (1.31%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1579.62 Muz1 : 46.16 Muy1 : 106.79

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1658.05 Muz : 50.82 Muy : 120.68 IR: 0.93

==========

==========

C O L U M N N O. 44 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2700.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 207 SHORT COLUMN

```
REQD. STEEL AREA   :      398.74 Sq.mm.
REQD. CONCRETE AREA:   103101.27 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.87%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1309.42   Muz1 :     18.59   Muy1 :     38.59

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   207 Puz :   1493.49   Muz :     34.03   Muy :     76.93   IR: 1.16
================================================================================


================================================================================

         C O L U M N   N O.     45  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3300.0 mm   CROSS SECTION:  450.0 mm X  230.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  BRACED LONG(Z)  /SHORT(Y)


REQD. STEEL AREA   :      512.54 Sq.mm.
REQD. CONCRETE AREA:   102987.47 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.87%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1350.81   Muz1 :     37.97   Muy1 :     80.81

INTERACTION RATIO: 0.66 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   1493.49   Muz :     44.43   Muy :    100.50   IR: 0.60
```

```
================================================================================


================================================================================

         C O L U M N   N O.     46  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  450.0 mm X  230.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  BRACED LONG(Z)  /SHORT(Y)


REQD. STEEL AREA   :      427.19 Sq.mm.
REQD. CONCRETE AREA:   103072.81 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.87%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1319.77   Muz1 :     38.58   Muy1 :     82.11

INTERACTION RATIO: 0.57 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   1493.49   Muz :     46.63   Muy :    107.35   IR: 0.51
================================================================================


================================================================================

         C O L U M N   N O.     47  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  450.0 mm X  230.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  BRACED LONG(Z)  /SHORT(Y)
```

```
REQD. STEEL AREA   :      334.42 Sq.mm.
REQD. CONCRETE AREA:   103165.59 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.87%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1286.02   Muz1 :     37.52   Muy1 :     78.73

INTERACTION RATIO: 0.51 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   1493.49   Muz :     48.26   Muy :    111.10   IR: 0.44
================================================================================


================================================================================

         C O L U M N   N O.     48  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  450.0 mm X  230.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  BRACED LONG(Z)  /SHORT(Y)


REQD. STEEL AREA   :      228.09 Sq.mm.
REQD. CONCRETE AREA:   103271.92 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.87%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1247.34   Muz1 :     31.67   Muy1 :     65.17

INTERACTION RATIO: 0.48 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   1493.49   Muz :     46.25   Muy :    106.02   IR: 0.38
```

```
================================================================================


================================================================================

         C O L U M N   N O.     49  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  4200.0 mm   CROSS SECTION:  450.0 mm X  230.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  BRACED LONG(Z)  /SHORT(Y)


REQD. STEEL AREA   :      137.82 Sq.mm.
REQD. CONCRETE AREA:   103362.20 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.87%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1214.51   Muz1 :     22.54   Muy1 :     45.52

INTERACTION RATIO: 0.74 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   1493.49   Muz :     42.15   Muy :     98.27   IR: 0.42
================================================================================


================================================================================

         C O L U M N   N O.     50  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  2700.0 mm   CROSS SECTION:  450.0 mm X  230.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   214  SHORT COLUMN
```

REQD. STEEL AREA : 57.75 Sq.mm.
REQD. CONCRETE AREA: 103442.26 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1185.38 Muz1 : 8.81 Muy1 : 17.18

INTERACTION RATIO: 0.97 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 214 Puz : 1493.49 Muz : 36.03 Muy : 81.92 IR: 0.30
==========

==========

C O L U M N N O. 51 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 11 SHORT COLUMN

REQD. STEEL AREA : 1593.10 Sq.mm.
REQD. CONCRETE AREA: 199137.83 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 16 dia. (0.60%, 1608.50 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3616.99 Muz1 : 196.81 Muy1 : 268.31

INTERACTION RATIO: 0.17 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 218 Puz : 3622.59 Muz : 202.13 Muy : 276.31 IR: 0.47

==========

==========

C O L U M N N O. 52 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 218 SHORT COLUMN

REQD. STEEL AREA : 1340.30 Sq.mm.
REQD. CONCRETE AREA: 167536.91 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.50%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3525.03 Muz1 : 209.98 Muy1 : 286.24

INTERACTION RATIO: 0.44 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 218 Puz : 3531.17 Muz : 211.13 Muy : 288.18 IR: 0.59

==========

==========

C O L U M N N O. 53 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 219 SHORT COLUMN

REQD. STEEL AREA : 1062.22 Sq.mm.
REQD. CONCRETE AREA: 132776.95 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.50%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3423.88 Muz1 : 213.12 Muy1 : 290.94

INTERACTION RATIO: 0.44 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 220 Puz : 3531.17 Muz : 228.73 Muy : 314.37 IR: 0.54
==========

==========

C O L U M N N O. 54 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 220 SHORT COLUMN

REQD. STEEL AREA : 791.83 Sq.mm.
REQD. CONCRETE AREA: 98978.38 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.34%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3325.53 Muz1 : 197.54 Muy1 : 267.62

INTERACTION RATIO: 0.51 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 220 Puz : 3366.61 Muz : 205.93 Muy : 279.59 IR: 0.58

==========

==========

C O L U M N N O. 55 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 300.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 SHORT(Z) /BRACED LONG(Y)

REQD. STEEL AREA : 567.47 Sq.mm.
REQD. CONCRETE AREA: 70933.28 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1725.17 Muz1 : 107.03 Muy1 : 68.22

INTERACTION RATIO: 0.91 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1847.86 Muz : 125.18 Muy : 77.83 IR: 0.90

==========

==========

C O L U M N N O. 56 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2700.0 mm CROSS SECTION: 300.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 223 SHORT COLUMN

REQD. STEEL AREA : 1500.17 Sq.mm.
REQD. CONCRETE AREA: 133499.83 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 16 dia. (1.19%, 1608.50 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2064.44 Muz1 : 145.34 Muy1 : 88.91

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 223 Puz : 2103.84 Muz : 155.02 Muy : 93.03 IR: 1.00
==========

==========

C O L U M N N O. 57 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 12 SHORT COLUMN

REQD. STEEL AREA : 1941.02 Sq.mm.
REQD. CONCRETE AREA: 268058.97 Sq.mm.
MAIN REINFORCEMENT : Provide 20 - 12 dia. (0.84%, 2261.95 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3743.54 Muz1 : 164.20 Muy1 : 224.29

INTERACTION RATIO: 0.26 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 231 Puz : 3860.28 Muz : 184.55 Muy : 252.56 IR: 0.50

==========

==========

C O L U M N N O. 58 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 231 SHORT COLUMN

REQD. STEEL AREA : 1624.64 Sq.mm.
REQD. CONCRETE AREA: 203079.55 Sq.mm.
MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.67%, 1809.56 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3628.46 Muz1 : 194.52 Muy1 : 265.22

INTERACTION RATIO: 0.39 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 231 Puz : 3695.73 Muz : 203.34 Muy : 278.05 IR: 0.55

==========

==========

C O L U M N N O. 59 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 232 SHORT COLUMN

REQD. STEEL AREA : 1299.46 Sq.mm.
REQD. CONCRETE AREA: 162432.77 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.50%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3510.18 Muz1 : 211.21 Muy1 : 287.94

INTERACTION RATIO: 0.30 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 233 Puz : 3531.17 Muz : 215.69 Muy : 294.74 IR: 0.43
==========

==========

C O L U M N N O. 60 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 233 SHORT COLUMN

REQD. STEEL AREA : 975.12 Sq.mm.
REQD. CONCRETE AREA: 121889.78 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.50%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3392.20 Muz1 : 211.30 Muy1 : 287.36

INTERACTION RATIO: 0.36 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 233 Puz : 3531.17 Muz : 231.01 Muy : 316.20 IR: 0.42

```
================================================================================


================================================================================

         C O L U M N   N O.     61  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  4200.0 mm   CROSS SECTION:  300.0 mm X  450.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  SHORT(Z)        /BRACED LONG(Y)


REQD. STEEL AREA   :      697.42 Sq.mm.
REQD. CONCRETE AREA:    87177.88 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.67%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1772.44   Muz1 :    104.25   Muy1 :     66.49

INTERACTION RATIO: 0.71 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   1847.86   Muz :    115.25   Muy :     72.36   IR: 0.77
================================================================================


================================================================================

         C O L U M N   N O.     62  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  2700.0 mm   CROSS SECTION:  300.0 mm X  450.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   235  SHORT COLUMN
```

REQD. STEEL AREA : 1306.47 Sq.mm.
REQD. CONCRETE AREA: 133693.53 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (1.01%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1993.98 Muz1 : 140.54 Muy1 : 86.90

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 235 Puz : 2012.42 Muz : 144.87 Muy : 88.80 IR: 1.04
==========

==========

C O L U M N N O. 63 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 13 SHORT COLUMN

REQD. STEEL AREA : 806.27 Sq.mm.
REQD. CONCRETE AREA: 100783.73 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1812.03 Muz1 : 62.50 Muy1 : 97.99

INTERACTION RATIO: 0.27 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 13 Puz : 1847.86 Muz : 65.62 Muy : 103.86 IR: 0.67

```
================================================================================


================================================================================

         C O L U M N   N O.     64  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   246  SHORT COLUMN


REQD. STEEL AREA   :      683.91 Sq.mm.
REQD. CONCRETE AREA:    85488.47 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.67%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1767.52   Muz1 :     66.81   Muy1 :    104.78

INTERACTION RATIO: 0.30 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   246 Puz :   1847.86   Muz :     73.05   Muy :    116.44   IR: 0.55
================================================================================


================================================================================

         C O L U M N   N O.     65  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   247  SHORT COLUMN
```

```
REQD. STEEL AREA   :      554.86 Sq.mm.
REQD. CONCRETE AREA:    69357.45 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.67%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1720.58   Muz1 :     68.21   Muy1 :    107.00

INTERACTION RATIO: 0.30 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   248 Puz :   1847.86   Muz :     78.60   Muy :    126.67   IR: 0.54
================================================================================


================================================================================

         C O L U M N   N O.     66  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   249  SHORT COLUMN


REQD. STEEL AREA   :      538.21 Sq.mm.
REQD. CONCRETE AREA:    67275.83 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.67%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1714.52   Muz1 :     68.55   Muy1 :    107.27

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   249 Puz :   1847.86   Muz :     80.72   Muy :    129.31   IR: 1.01
```

```
================================================================================


================================================================================

         C O L U M N   N O.     67  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  4200.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  BRACED LONG(Z)  /SHORT(Y)


REQD. STEEL AREA   :      709.93 Sq.mm.
REQD. CONCRETE AREA:    88741.55 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.67%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1776.99   Muz1 :     66.17   Muy1 :    104.54

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   1847.86   Muz :     73.36   Muy :    118.06   IR: 0.95
================================================================================


================================================================================

         C O L U M N   N O.     68  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  2700.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   250  SHORT COLUMN
```

REQD. STEEL AREA : 436.85 Sq.mm.
REQD. CONCRETE AREA: 54606.61 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1677.66 Muz1 : 35.85 Muy1 : 55.69

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 250 Puz : 1847.86 Muz : 56.54 Muy : 90.93 IR: 1.09
==========

==========

C O L U M N N O. 69 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 410.58 Sq.mm.
REQD. CONCRETE AREA: 103089.42 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1313.72 Muz1 : 38.53 Muy1 : 82.00

INTERACTION RATIO: 0.58 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1493.49 Muz : 46.95 Muy : 108.57 IR: 0.55

==========

==========

C O L U M N N O. 70 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 357.01 Sq.mm.
REQD. CONCRETE AREA: 103142.99 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1294.24 Muz1 : 37.97 Muy1 : 80.30

INTERACTION RATIO: 0.53 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1493.49 Muz : 47.85 Muy : 111.02 IR: 0.52

==========

==========

C O L U M N N O. 71 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 284.00 Sq.mm.
REQD. CONCRETE AREA: 103216.01 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1267.68 Muz1 : 35.43 Muy1 : 73.58

INTERACTION RATIO: 0.49 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1493.49 Muz : 47.79 Muy : 109.53 IR: 0.50
==========

==========

C O L U M N N O. 72 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 207.00 Sq.mm.
REQD. CONCRETE AREA: 103293.01 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1239.67 Muz1 : 29.90 Muy1 : 61.24

INTERACTION RATIO: 0.75 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1493.49 Muz : 45.41 Muy : 104.33 IR: 0.67

==========

==========

C O L U M N N O. 73 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 159.93 Sq.mm.
REQD. CONCRETE AREA: 103340.08 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1222.55 Muz1 : 19.61 Muy1 : 39.61

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1493.49 Muz : 40.22 Muy : 93.52 IR: 0.70

==========

==========

C O L U M N N O. 74 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2700.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 257 SHORT COLUMN

REQD. STEEL AREA : 174.08 Sq.mm.
REQD. CONCRETE AREA: 103325.93 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1227.70 Muz1 : 11.04 Muy1 : 21.65

INTERACTION RATIO: 0.96 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 258 Puz : 1493.49 Muz : 33.68 Muy : 76.08 IR: 0.84
==========

==========

C O L U M N N O. 75 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 539.01 Sq.mm.
REQD. CONCRETE AREA: 102961.00 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1360.44 Muz1 : 37.50 Muy1 : 79.80

INTERACTION RATIO: 0.69 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1493.49 Muz : 43.58 Muy : 98.11 IR: 0.64

```
================================================================================


================================================================================

         C O L U M N   N O.     76  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  450.0 mm X  230.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  BRACED LONG(Z)  /SHORT(Y)


REQD. STEEL AREA   :      443.70 Sq.mm.
REQD. CONCRETE AREA:   103056.30 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.87%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1325.77   Muz1 :     38.57   Muy1 :     82.10

INTERACTION RATIO: 0.58 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   1493.49   Muz :     46.29   Muy :    106.12   IR: 0.55
================================================================================


================================================================================

         C O L U M N   N O.     77  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  450.0 mm X  230.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  BRACED LONG(Z)  /SHORT(Y)
```

```
REQD. STEEL AREA   :      339.63 Sq.mm.
REQD. CONCRETE AREA:   103160.38 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.87%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1287.92   Muz1 :     37.66   Muy1 :     79.14

INTERACTION RATIO: 0.52 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   1493.49   Muz :     48.15   Muy :    111.13   IR: 0.51
================================================================================


================================================================================

         C O L U M N   N O.     78  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  450.0 mm X  230.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  BRACED LONG(Z)  /SHORT(Y)


REQD. STEEL AREA   :      225.84 Sq.mm.
REQD. CONCRETE AREA:   103274.17 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.87%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1246.52   Muz1 :     31.51   Muy1 :     64.77

INTERACTION RATIO: 0.53 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   1493.49   Muz :     46.16   Muy :    105.84   IR: 0.50
```

==========

==========

C O L U M N N O. 79 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 122.30 Sq.mm.
REQD. CONCRETE AREA: 103377.71 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1208.86 Muz1 : 20.56 Muy1 : 41.33

INTERACTION RATIO: 0.61 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1493.49 Muz : 41.34 Muy : 96.54 IR: 0.51

==========

==========

C O L U M N N O. 80 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2700.0 mm CROSS SECTION: 450.0 mm X 230.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 265 SHORT COLUMN

REQD. STEEL AREA : 84.95 Sq.mm.
REQD. CONCRETE AREA: 103415.05 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.87%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1195.28 Muz1 : 11.34 Muy1 : 22.28

INTERACTION RATIO: 0.98 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 265 Puz : 1493.49 Muz : 36.90 Muy : 84.25 IR: 0.57
==========

==========

C O L U M N N O. 81 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 276 SHORT COLUMN

REQD. STEEL AREA : 5184.00 Sq.mm.
REQD. CONCRETE AREA: 264816.00 Sq.mm.
MAIN REINFORCEMENT : Provide 28 - 16 dia. (2.09%, 5629.73 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 4923.18 Muz1 : 218.34 Muy1 : 305.02

INTERACTION RATIO: 0.97 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 276 Puz : 5085.32 Muz : 243.15 Muy : 339.60 IR: 1.17

==========

==========

C O L U M N N O. 82 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 276 SHORT COLUMN

REQD. STEEL AREA : 5354.50 Sq.mm.
REQD. CONCRETE AREA: 264645.50 Sq.mm.
MAIN REINFORCEMENT : Provide 28 - 16 dia. (2.09%, 5629.73 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 4985.20 Muz1 : 312.09 Muy1 : 437.10

INTERACTION RATIO: 0.98 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 276 Puz : 5085.32 Muz : 325.01 Muy : 456.05 IR: 1.11

==========

==========

C O L U M N N O. 83 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 277 SHORT COLUMN

REQD. STEEL AREA : 4104.50 Sq.mm.
REQD. CONCRETE AREA: 265895.50 Sq.mm.
MAIN REINFORCEMENT : Provide 24 - 16 dia. (1.79%, 4825.49 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 4530.51 Muz1 : 316.85 Muy1 : 443.59

INTERACTION RATIO: 0.98 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 278 Puz : 4792.77 Muz : 351.59 Muy : 494.72 IR: 0.99
==========

==========

C O L U M N N O. 84 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 278 SHORT COLUMN

REQD. STEEL AREA : 3594.83 Sq.mm.
REQD. CONCRETE AREA: 266405.19 Sq.mm.
MAIN REINFORCEMENT : Provide 32 - 12 dia. (1.34%, 3619.11 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 4345.12 Muz1 : 337.97 Muy1 : 472.67

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 278 Puz : 4353.95 Muz : 340.16 Muy : 475.11 IR: 1.06

==========

==========

C O L U M N N O. 85 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 300.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 SHORT(Z) /BRACED LONG(Y)

REQD. STEEL AREA : 561.67 Sq.mm.
REQD. CONCRETE AREA: 70209.20 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1723.06 Muz1 : 107.02 Muy1 : 68.22

INTERACTION RATIO: 0.94 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1847.86 Muz : 125.56 Muy : 78.03 IR: 0.92

==========

==========

C O L U M N N O. 86 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2700.0 mm CROSS SECTION: 300.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 281 SHORT COLUMN

REQD. STEEL AREA : 2529.35 Sq.mm.
REQD. CONCRETE AREA: 132470.66 Sq.mm.
MAIN REINFORCEMENT : Provide 16 - 16 dia. (2.38%, 3216.99 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2438.80 Muz1 : 201.73 Muy1 : 120.58

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 281 Puz : 2688.93 Muz : 239.42 Muy : 140.67 IR: 1.07
==========

==========

C O L U M N N O. 87 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 294 SHORT COLUMN

REQD. STEEL AREA : 6271.59 Sq.mm.
REQD. CONCRETE AREA: 263728.41 Sq.mm.
MAIN REINFORCEMENT : Provide 20 - 20 dia. (2.33%, 6283.19 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 300 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 5318.79 Muz1 : 243.07 Muy1 : 341.23

INTERACTION RATIO: 0.91 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 294 Puz : 5323.01 Muz : 243.69 Muy : 342.11 IR: 1.32

==========

==========

C O L U M N N O. 88 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 294 SHORT COLUMN

REQD. STEEL AREA : 6048.00 Sq.mm.
REQD. CONCRETE AREA: 263952.00 Sq.mm.
MAIN REINFORCEMENT : Provide 20 - 20 dia. (2.33%, 6283.19 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 300 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 5237.46 Muz1 : 322.15 Muy1 : 452.43

INTERACTION RATIO: 0.96 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 294 Puz : 5323.01 Muz : 333.12 Muy : 468.40 IR: 1.12

==========

==========

C O L U M N N O. 89 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 296 SHORT COLUMN

REQD. STEEL AREA : 4529.89 Sq.mm.
REQD. CONCRETE AREA: 265470.12 Sq.mm.
MAIN REINFORCEMENT : Provide 24 - 16 dia. (1.79%, 4825.49 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 4685.25 Muz1 : 325.94 Muy1 : 457.20

INTERACTION RATIO: 0.97 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 296 Puz : 4792.77 Muz : 339.38 Muy : 476.37 IR: 1.06
==========

==========

C O L U M N N O. 90 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 600.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 296 SHORT COLUMN

REQD. STEEL AREA : 3159.38 Sq.mm.
REQD. CONCRETE AREA: 266840.62 Sq.mm.
MAIN REINFORCEMENT : Provide 28 - 12 dia. (1.17%, 3166.73 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 4186.72 Muz1 : 313.49 Muy1 : 438.05

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 296 Puz : 4189.40 Muz : 314.46 Muy : 438.60 IR: 1.08

```
================================================================================


================================================================================

         C O L U M N   N O.     91  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  4200.0 mm   CROSS SECTION:  300.0 mm X  450.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  SHORT(Z)        /BRACED LONG(Y)


REQD. STEEL AREA   :     1405.62 Sq.mm.
REQD. CONCRETE AREA:   133594.39 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 16 dia. (1.19%,   1608.50 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   2030.04   Muz1 :    141.09   Muy1 :     86.45

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   2103.84   Muz :    153.93   Muy :     92.96   IR: 1.01
================================================================================


================================================================================

         C O L U M N   N O.     92  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  2700.0 mm   CROSS SECTION:  300.0 mm X  450.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   298  SHORT COLUMN
```

```
REQD. STEEL AREA   :     3082.56 Sq.mm.
REQD. CONCRETE AREA:   131917.44 Sq.mm.
MAIN REINFORCEMENT : Provide  16 - 16 dia. (2.38%,   3216.99 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   2640.03   Muz1 :    235.64   Muy1 :    139.09

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   299 Puz :   2688.93   Muz :    242.81   Muy :    142.05   IR: 1.09
================================================================================


================================================================================

         C O L U M N   N O.     93  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3300.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:    18  SHORT COLUMN


REQD. STEEL AREA   :      879.47 Sq.mm.
REQD. CONCRETE AREA:   109933.46 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.67%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1838.66   Muz1 :     58.60   Muy1 :     91.90

INTERACTION RATIO: 0.32 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:    18 Puz :   1847.86   Muz :     59.71   Muy :     94.23   IR: 1.11
```

==========

==========

C O L U M N N O. 94 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 308 SHORT COLUMN

REQD. STEEL AREA : 738.11 Sq.mm.
REQD. CONCRETE AREA: 92263.29 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1787.24 Muz1 : 65.26 Muy1 : 102.32

INTERACTION RATIO: 0.31 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 308 Puz : 1847.86 Muz : 70.10 Muy : 111.37 IR: 0.76

==========

==========

C O L U M N N O. 95 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 309 SHORT COLUMN

REQD. STEEL AREA : 591.65 Sq.mm.
REQD. CONCRETE AREA: 73956.48 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1733.96 Muz1 : 68.15 Muy1 : 106.93

INTERACTION RATIO: 0.34 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 310 Puz : 1847.86 Muz : 77.38 Muy : 124.30 IR: 0.79
==========

==========

C O L U M N N O. 96 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 310 SHORT COLUMN

REQD. STEEL AREA : 448.18 Sq.mm.
REQD. CONCRETE AREA: 56022.81 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1681.78 Muz1 : 66.53 Muy1 : 103.54

INTERACTION RATIO: 0.40 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 311 Puz : 1847.86 Muz : 80.96 Muy : 129.76 IR: 0.76

```
================================================================================


================================================================================

         C O L U M N   N O.     97  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  4200.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3  BRACED LONG(Z)  /SHORT(Y)


REQD. STEEL AREA   :      239.19 Sq.mm.
REQD. CONCRETE AREA:    29898.66 Sq.mm.
MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.67%,    904.78 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1605.76   Muz1 :     47.91   Muy1 :     73.50

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
Puz :   1847.86   Muz :     72.35   Muy :    116.70   IR: 0.84
================================================================================


================================================================================

         C O L U M N   N O.     98  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  2700.0 mm   CROSS SECTION:  450.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   313  SHORT COLUMN
```

REQD. STEEL AREA : 238.95 Sq.mm.
REQD. CONCRETE AREA: 29869.00 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1605.67 Muz1 : 22.84 Muy1 : 34.82

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 313 Puz : 1847.86 Muz : 53.28 Muy : 85.59 IR: 1.15
==========

==========

C O L U M N N O. 99 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 19 SHORT COLUMN

REQD. STEEL AREA : 700.69 Sq.mm.
REQD. CONCRETE AREA: 87586.01 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1773.63 Muz1 : 66.40 Muy1 : 104.11

INTERACTION RATIO: 0.22 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 19 Puz : 1847.86 Muz : 72.19 Muy : 114.95 IR: 0.73

==========

==========

C O L U M N N O. 100 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 315 SHORT COLUMN

REQD. STEEL AREA : 551.94 Sq.mm.
REQD. CONCRETE AREA: 68992.73 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1719.52 Muz1 : 68.20 Muy1 : 106.99

INTERACTION RATIO: 0.34 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 315 Puz : 1847.86 Muz : 78.35 Muy : 126.18 IR: 0.72

==========

==========

C O L U M N N O. 101 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 316 SHORT COLUMN

REQD. STEEL AREA : 414.20 Sq.mm.
REQD. CONCRETE AREA: 51774.76 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1669.41 Muz1 : 64.90 Muy1 : 100.74

INTERACTION RATIO: 0.51 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 317 Puz : 1847.86 Muz : 80.56 Muy : 128.85 IR: 0.88
==========

==========

C O L U M N N O. 102 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 318 SHORT COLUMN

REQD. STEEL AREA : 517.89 Sq.mm.
REQD. CONCRETE AREA: 64736.51 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1707.13 Muz1 : 61.01 Muy1 : 95.28

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 318 Puz : 1847.86 Muz : 74.69 Muy : 119.81 IR: 1.09

==========

==========

C O L U M N N O. 103 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 786.10 Sq.mm.
REQD. CONCRETE AREA: 98262.94 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1804.70 Muz1 : 56.11 Muy1 : 89.35

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1847.86 Muz : 62.02 Muy : 100.14 IR: 1.20

==========

==========

C O L U M N N O. 104 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 20 SHORT COLUMN

REQD. STEEL AREA : 891.22 Sq.mm.
REQD. CONCRETE AREA: 111402.55 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1842.93 Muz1 : 57.88 Muy1 : 90.79

INTERACTION RATIO: 0.33 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 355 Puz : 1847.86 Muz : 59.67 Muy : 94.16 IR: 1.47
==========

==========

C O L U M N N O. 105 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 355 SHORT COLUMN

REQD. STEEL AREA : 698.13 Sq.mm.
REQD. CONCRETE AREA: 87265.70 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1772.69 Muz1 : 66.47 Muy1 : 104.22

INTERACTION RATIO: 0.84 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 355 Puz : 1847.86 Muz : 72.32 Muy : 115.18 IR: 1.28

==========

==========

C O L U M N N O. 106 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 357 SHORT COLUMN

REQD. STEEL AREA : 846.99 Sq.mm.
REQD. CONCRETE AREA: 105874.03 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1826.84 Muz1 : 77.00 Muy1 : 123.41

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 357 Puz : 1847.86 Muz : 79.95 Muy : 129.35 IR: 1.31

==========

==========

C O L U M N N O. 107 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 358 SHORT COLUMN

REQD. STEEL AREA : 691.54 Sq.mm.
REQD. CONCRETE AREA: 86442.71 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1770.30 Muz1 : 69.52 Muy1 : 109.49

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 358 Puz : 1847.86 Muz : 77.17 Muy : 123.43 IR: 1.24
==========

==========

C O L U M N N O. 108 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 911.26 Sq.mm.
REQD. CONCRETE AREA: 134088.73 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (1.01%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1850.22 Muz1 : 64.02 Muy1 : 102.70

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 2012.42 Muz : 80.18 Muy : 131.35 IR: 1.04

==========

==========

C O L U M N N O. 109 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 21 SHORT COLUMN

REQD. STEEL AREA : 886.57 Sq.mm.
REQD. CONCRETE AREA: 110821.30 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1841.24 Muz1 : 58.17 Muy1 : 91.24

INTERACTION RATIO: 0.33 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 21 Puz : 1847.86 Muz : 59.08 Muy : 93.20 IR: 1.14

==========

==========

C O L U M N N O. 110 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 383 SHORT COLUMN

REQD. STEEL AREA : 711.24 Sq.mm.
REQD. CONCRETE AREA: 88904.43 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1777.46 Muz1 : 66.11 Muy1 : 103.65

INTERACTION RATIO: 0.63 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 383 Puz : 1847.86 Muz : 71.62 Muy : 113.99 IR: 0.97
==========

==========

C O L U M N N O. 111 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 384 SHORT COLUMN

REQD. STEEL AREA : 541.60 Sq.mm.
REQD. CONCRETE AREA: 67700.60 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1715.76 Muz1 : 68.16 Muy1 : 106.93

INTERACTION RATIO: 0.75 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 385 Puz : 1847.86 Muz : 79.02 Muy : 127.48 IR: 1.08

==========

==========

C O L U M N N O. 112 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 386 SHORT COLUMN

REQD. STEEL AREA : 806.30 Sq.mm.
REQD. CONCRETE AREA: 100787.42 Sq.mm.
MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.67%, 904.78 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1812.04 Muz1 : 75.34 Muy1 : 119.48

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 386 Puz : 1847.86 Muz : 79.56 Muy : 126.99 IR: 1.10

==========

==========

C O L U M N N O. 113 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 450.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG(Z) /SHORT(Y)

REQD. STEEL AREA : 925.75 Sq.mm.
REQD. CONCRETE AREA: 134074.25 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (1.01%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1855.49 Muz1 : 66.82 Muy1 : 107.07

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 2012.42 Muz : 82.23 Muy : 134.41 IR: 0.84
==========

==========

C O L U M N N O. 114 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 22 SHORT COLUMN

REQD. STEEL AREA : 379.42 Sq.mm.
REQD. CONCRETE AREA: 47427.55 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1150.51 Muz1 : 45.56 Muy1 : 45.56

INTERACTION RATIO: 0.25 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 22 Puz : 1177.06 Muz : 51.46 Muy : 51.46 IR: 1.76

==========

==========

C O L U M N N O. 115 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 389 SHORT COLUMN

REQD. STEEL AREA : 318.64 Sq.mm.
REQD. CONCRETE AREA: 39830.43 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1128.41 Muz1 : 45.05 Muy1 : 45.05

INTERACTION RATIO: 0.23 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 389 Puz : 1177.06 Muz : 53.57 Muy : 53.57 IR: 1.68

==========

==========

C O L U M N N O. 116 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 390 SHORT COLUMN

```
REQD. STEEL AREA   :      246.95 Sq.mm.
REQD. CONCRETE AREA:    30868.38 Sq.mm.
MAIN REINFORCEMENT : Provide   4 - 12 dia. (0.50%,    452.39 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1102.33   Muz1 :     41.42   Muy1 :     41.42

INTERACTION RATIO: 0.30 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   391 Puz :   1177.06   Muz :     52.35   Muy :     52.35   IR: 1.74
================================================================================


================================================================================

         C O L U M N   N O.    117  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  300.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   391  SHORT COLUMN


REQD. STEEL AREA   :      170.85 Sq.mm.
REQD. CONCRETE AREA:    21356.71 Sq.mm.
MAIN REINFORCEMENT : Provide   4 - 12 dia. (0.50%,    452.39 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1074.65   Muz1 :     33.50   Muy1 :     33.50

INTERACTION RATIO: 0.43 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   392 Puz :   1177.06   Muz :     45.77   Muy :     45.77   IR: 2.01
```

==========

==========

C O L U M N N O. 118 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG COLUMN

REQD. STEEL AREA : 102.86 Sq.mm.
REQD. CONCRETE AREA: 12857.13 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1049.91 Muz1 : 16.71 Muy1 : 16.71

INTERACTION RATIO: 0.97 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1177.06 Muz : 32.63 Muy : 32.63 IR: 0.50

==========

==========

C O L U M N N O. 119 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 396 SHORT COLUMN

REQD. STEEL AREA : 4298.54 Sq.mm.
REQD. CONCRETE AREA: 198201.45 Sq.mm.
MAIN REINFORCEMENT : Provide 24 - 16 dia. (2.38%, 4825.49 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3841.72 Muz1 : 157.18 Muy1 : 157.18

INTERACTION RATIO: 0.95 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 396 Puz : 4033.40 Muz : 186.81 Muy : 186.81 IR: 1.20
==========

==========

C O L U M N N O. 120 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 396 SHORT COLUMN

REQD. STEEL AREA : 4536.00 Sq.mm.
REQD. CONCRETE AREA: 197964.00 Sq.mm.
MAIN REINFORCEMENT : Provide 24 - 16 dia. (2.38%, 4825.49 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3928.10 Muz1 : 241.27 Muy1 : 241.27

INTERACTION RATIO: 0.98 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 396 Puz : 4033.40 Muz : 254.83 Muy : 254.83 IR: 1.17

==========

==========

C O L U M N N O. 121 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 398 SHORT COLUMN

REQD. STEEL AREA : 3638.24 Sq.mm.
REQD. CONCRETE AREA: 198861.77 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 20 dia. (1.86%, 3769.91 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 300 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3601.53 Muz1 : 256.70 Muy1 : 256.70

INTERACTION RATIO: 0.97 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 398 Puz : 3649.43 Muz : 262.44 Muy : 262.44 IR: 1.12

==========

==========

C O L U M N N O. 122 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 398 SHORT COLUMN

REQD. STEEL AREA : 2339.12 Sq.mm.
REQD. CONCRETE AREA: 200160.89 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 16 dia. (1.19%, 2412.74 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3128.98 Muz1 : 235.09 Muy1 : 235.09

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 398 Puz : 3155.76 Muz : 239.94 Muy : 239.94 IR: 1.09
==========

==========

C O L U M N N O. 123 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 400 SHORT COLUMN

REQD. STEEL AREA : 1703.36 Sq.mm.
REQD. CONCRETE AREA: 200796.64 Sq.mm.
MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2897.72 Muz1 : 189.56 Muy1 : 189.56

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 400 Puz : 2936.35 Muz : 195.54 Muy : 195.54 IR: 1.06

==========

==========

C O L U M N N O. 124 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 412 SHORT COLUMN

REQD. STEEL AREA : 4805.50 Sq.mm.
REQD. CONCRETE AREA: 197694.50 Sq.mm.
MAIN REINFORCEMENT : Provide 24 - 16 dia. (2.38%, 4825.49 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 4026.13 Muz1 : 186.11 Muy1 : 186.11

INTERACTION RATIO: 0.97 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 412 Puz : 4033.40 Muz : 187.79 Muy : 187.79 IR: 1.51

==========

==========

C O L U M N N O. 125 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 412 SHORT COLUMN

REQD. STEEL AREA : 5346.00 Sq.mm.
REQD. CONCRETE AREA: 197154.00 Sq.mm.
MAIN REINFORCEMENT : Provide 28 - 16 dia. (2.78%, 5629.73 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 4222.73 Muz1 : 283.15 Muy1 : 283.15

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 412 Puz : 4325.94 Muz : 296.59 Muy : 296.59 IR: 1.14
==========

==========

C O L U M N N O. 126 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 414 SHORT COLUMN

REQD. STEEL AREA : 4423.00 Sq.mm.
REQD. CONCRETE AREA: 198077.00 Sq.mm.
MAIN REINFORCEMENT : Provide 24 - 16 dia. (2.38%, 4825.49 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3886.99 Muz1 : 297.45 Muy1 : 297.45

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 414 Puz : 4033.40 Muz : 316.43 Muy : 316.43 IR: 1.05

==========

==========

C O L U M N N O. 127 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 414 SHORT COLUMN

REQD. STEEL AREA : 3281.94 Sq.mm.
REQD. CONCRETE AREA: 199218.06 Sq.mm.
MAIN REINFORCEMENT : Provide 32 - 12 dia. (1.79%, 3619.11 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 3471.93 Muz1 : 283.24 Muy1 : 283.24

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 414 Puz : 3594.58 Muz : 300.66 Muy : 300.66 IR: 1.02

==========

==========

C O L U M N N O. 128 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 416 SHORT COLUMN

REQD. STEEL AREA : 1271.74 Sq.mm.
REQD. CONCRETE AREA: 158967.30 Sq.mm.
MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.67%, 1357.17 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 2740.72 Muz1 : 157.82 Muy1 : 157.82

INTERACTION RATIO: 1.00 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 416 Puz : 2771.79 Muz : 163.92 Muy : 163.92 IR: 1.06
==========

==========

C O L U M N N O. 129 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 25 SHORT COLUMN

REQD. STEEL AREA : 304.19 Sq.mm.
REQD. CONCRETE AREA: 38023.41 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1123.15 Muz1 : 44.63 Muy1 : 44.63

INTERACTION RATIO: 0.23 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 25 Puz : 1177.06 Muz : 53.94 Muy : 53.94 IR: 0.43

```
================================================================================


================================================================================

         C O L U M N   N O.    130  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  300.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   418  SHORT COLUMN


REQD. STEEL AREA   :      259.98 Sq.mm.
REQD. CONCRETE AREA:    32497.72 Sq.mm.
MAIN REINFORCEMENT : Provide   4 - 12 dia. (0.50%,    452.39 Sq.mm.)
                     (Equally distributed)
TIE REINFORCEMENT  : Provide  8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)
----------------------------------------------------------
Puz :   1107.07   Muz1 :     42.35   Muy1 :     42.35

INTERACTION RATIO: 0.24 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)
----------------------------------------------------------
WORST LOAD CASE:     3
END JOINT:   419 Puz :   1177.06   Muz :     53.07   Muy :     53.07   IR: 0.40
================================================================================


================================================================================

         C O L U M N   N O.    131  D E S I G N   R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

LENGTH:  3200.0 mm   CROSS SECTION:  300.0 mm X  300.0 mm  COVER: 40.0 mm

** GUIDING LOAD CASE:    3 END JOINT:   419  SHORT COLUMN
```

REQD. STEEL AREA : 199.59 Sq.mm.
REQD. CONCRETE AREA: 24949.32 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1085.10 Muz1 : 36.98 Muy1 : 36.98

INTERACTION RATIO: 0.39 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 420 Puz : 1177.06 Muz : 48.70 Muy : 48.70 IR: 0.56
==========

==========

C O L U M N N O. 132 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 END JOINT: 420 SHORT COLUMN

REQD. STEEL AREA : 132.39 Sq.mm.
REQD. CONCRETE AREA: 16548.61 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1060.66 Muz1 : 27.96 Muy1 : 27.96

INTERACTION RATIO: 0.57 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
END JOINT: 420 Puz : 1177.06 Muz : 42.22 Muy : 42.22 IR: 0.54

==========

==========

C O L U M N N O. 133 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm CROSS SECTION: 300.0 mm X 300.0 mm COVER: 40.0 mm

** GUIDING LOAD CASE: 3 BRACED LONG COLUMN

REQD. STEEL AREA : 155.45 Sq.mm.
REQD. CONCRETE AREA: 19430.88 Sq.mm.
MAIN REINFORCEMENT : Provide 4 - 12 dia. (0.50%, 452.39 Sq.mm.)
(Equally distributed)
TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

Puz : 1069.04 Muz1 : 16.29 Muy1 : 16.29

INTERACTION RATIO: 0.98 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

WORST LOAD CASE: 3
Puz : 1177.06 Muz : 29.91 Muy : 29.91 IR: 0.53

==========

**********END OF COLUMN DESIGN RESULTS**********

374. TORSION 1 MEMB 201 TO 247 301 TO 383 401 TO 483 501 TO 583 601 TO 670 701 -
375. 702 TO 816
376. ENSH 1 MEMB 201 TO 247 301 TO 383 401 TO 483 501 TO 583 601 TO 670 701 TO 816
377. DESIGN BEAM 201 TO 247 301 TO 383 401 TO 483 501 TO 583 601 TO 670 701 TO 816

B E A M N O. 201 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	229.50 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	229.50 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 202 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 7300.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1825.0 mm	3650.0 mm	5475.0 mm	7300.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1825.0 mm	3650.0 mm	5475.0 mm	7300.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 203 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 204 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 205 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 206 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 7300.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1825.0 mm	3650.0 mm	5475.0 mm	7300.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1825.0 mm	3650.0 mm	5475.0 mm	7300.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 207 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 208 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2400.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 209 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 7300.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1825.0 mm	3650.0 mm	5475.0 mm	7300.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1825.0 mm	3650.0 mm	5475.0 mm	7300.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 210 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	308.42 (Sq. mm)	211.65 (Sq. mm)	211.65 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 211 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.65 (Sq. mm)	272.65 (Sq. mm)
BOTTOM REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 212 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 213 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2400.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 214 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 8200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	2050.0 mm	4100.0 mm	6150.0 mm	8200.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	2050.0 mm	4100.0 mm	6150.0 mm	8200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 215 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	219.94 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 216 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 217 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 218 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 8200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	2050.0 mm	4100.0 mm	6150.0 mm	8200.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	2050.0 mm	4100.0 mm	6150.0 mm	8200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 219 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 220 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 221 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 8200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	2050.0 mm	4100.0 mm	6150.0 mm	8200.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	2050.0 mm	4100.0 mm	6150.0 mm	8200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 222 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

B E A M N O. 223 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 224 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 225 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

B E A M N O. 226 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 227 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4700.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1175.0 mm	2350.0 mm	3525.0 mm	4700.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1175.0 mm	2350.0 mm	3525.0 mm	4700.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 228 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 229 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 230 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 231 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 700.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 232 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 233 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 234 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 235 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5400.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	250.35 (Sq. mm)	211.65 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 236 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	211.65 (Sq. mm)	211.65 (Sq. mm)	345.60 (Sq. mm)
BOTTOM REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 237 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 238 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 700.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 239 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 240 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5400.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	227.97 (Sq. mm)	211.65 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 241 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	211.65 (Sq. mm)	211.65 (Sq. mm)	303.10 (Sq. mm)
BOTTOM REINF.	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 242 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 243 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 244 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 245 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 246 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5400.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 247 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	211.14 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	211.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	211.14 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 301 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	510.61 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	7-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM START SUPPORT
VY = 26.25 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -77.30 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

==========
B E A M N O. 302 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	1199.31 (Sq. mm)	398.29 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	284.33 (Sq. mm)	612.26 (Sq. mm)	978.29 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	6-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	2-25í 1 layer(s)	2-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 265 mm c/c	2 legged 8í @ 280 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM START SUPPORT
VY = 163.21 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 265 mm c/c

==========

==========
B E A M N O. 303 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	408.42 (Sq. mm)	1243.99 (Sq. mm)
BOTTOM REINF.	978.82 (Sq. mm)	608.44 (Sq. mm)	284.33 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	4-20í 1 layer(s)
BOTTOM REINF.	3-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 265 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 785.0 mm AWAY FROM END SUPPORT
VY = -164.87 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 304 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	494.41 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	7-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 76.91 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -25.80 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 305 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	421.74 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	340.24 (Sq. mm)	431.27 (Sq. mm)	335.93 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	4-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 306 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	422.11 (Sq. mm)
BOTTOM REINF.	335.44 (Sq. mm)	430.80 (Sq. mm)	339.82 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	4-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 307 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	350.30 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	202.26 (Sq. mm)	330.44 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 308 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	349.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	330.97 (Sq. mm)	202.70 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 309 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	392.44 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	225.08 (Sq. mm)	285.33 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 545.0 mm AWAY FROM START SUPPORT
VY = 44.83 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

==========

B E A M N O. 310 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	393.08 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	201.45 (Sq. mm)	285.44 (Sq. mm)	225.54 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 542.0 mm AWAY FROM END SUPPORT
VY = -46.65 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

==========

==========

B E A M N O. 311 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	1470.76 (Sq. mm)	472.67 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	285.60 (Sq. mm)	840.21 (Sq. mm)	1484.11 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	3-25í 1 layer(s)	3-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)
BOTTOM REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	5-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 240 mm c/c	2 legged 8í @ 275 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 782.5 mm AWAY FROM START SUPPORT
VY = 192.20 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 270 mm c/c

B E A M N O. 312 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	471.02 (Sq. mm)	1468.25 (Sq. mm)
BOTTOM REINF.	1485.29 (Sq. mm)	841.54 (Sq. mm)	285.60 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)	13-12í 2 layer(s)
BOTTOM REINF.	5-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 205 mm c/c	2 legged 10í @ 235 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 776.5 mm AWAY FROM END SUPPORT
VY = -191.47 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 205 mm c/c

B E A M N O. 313 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = 7.02 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM END SUPPORT
VY = -22.08 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 314 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	327.48 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = 13.55 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM END SUPPORT
VY = -43.11 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

```
================================================================================
              B E A M  N O.     315   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  3650.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      912.5 mm     1825.0 mm     2737.5 mm     3650.0 mm
--------------------------------------------------------------------------------
 TOP        1179.98        354.00          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00          0.00        288.15        592.33        839.51
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      912.5 mm     1825.0 mm     2737.5 mm     3650.0 mm
--------------------------------------------------------------------------------
 TOP       6-16í         3-16í         2-16í         2-16í         2-16í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     4-10í         4-10í         4-10í         8-10í        11-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    2 layer(s)    2 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 245 mm c/c  @ 265 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   787.0 mm AWAY FROM START SUPPORT
  VY =   168.94 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 250 mm c/c

================================================================================


================================================================================
              B E A M  N O.     316   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  3650.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	341.45 (Sq. mm)	1158.39 (Sq. mm)
BOTTOM REINF.	838.42 (Sq. mm)	596.18 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	6-16í 1 layer(s)
BOTTOM REINF.	11-10í 2 layer(s)	8-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 265 mm c/c	2 legged 8í @ 245 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM END SUPPORT
VY = -168.87 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 220 mm c/c

B E A M N O. 317 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	780.19 (Sq. mm)	423.54 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	10-10í 2 layer(s)	6-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 612.5 mm AWAY FROM START SUPPORT
VY = 96.80 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 318 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	201.45 (Sq. mm)	271.21 (Sq. mm)	253.53 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 544.0 mm AWAY FROM END SUPPORT
VY = -47.47 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 319 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = 11.08 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM END SUPPORT
VY = -20.70 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 320 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = 22.53 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 321 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1400.0 mm	2800.0 mm	4200.0 mm	5600.0 mm
TOP REINF.	1824.05 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	271.71 (Sq. mm)	0.00 (Sq. mm)	702.95 (Sq. mm)	1203.56 (Sq. mm)	1165.50 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1400.0 mm	2800.0 mm	4200.0 mm	5600.0 mm
TOP REINF.	6-20í 2 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	3-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	4-20í 1 layer(s)	4-20í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 285 mm c/c	2 legged 10í @ 230 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 778.3 mm AWAY FROM START SUPPORT
VY = 216.97 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 290 mm c/c

==========

B E A M N O. 322 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	788.31 (Sq. mm)
BOTTOM REINF.	1114.91 (Sq. mm)	628.42 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	7-12í 1 layer(s)
BOTTOM REINF.	10-12í 2 layer(s)	6-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 215 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 135 mm c/c	2 legged 12í @ 275 mm c/c	2 legged 12í @ 200 mm c/c

B E A M N O. 323 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	625.91 (Sq. mm)	982.13 (Sq. mm)	1393.78 (Sq. mm)	1791.11 (Sq. mm)	2139.59 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	230.69 (Sq. mm)	602.05 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	3-20í 1 layer(s)	4-20í 1 layer(s)	5-20í 1 layer(s)	6-20í 2 layer(s)	7-20í 2 layer(s)
BOTTOM REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 110 mm c/c	2 legged 12í @ 175 mm c/c	2 legged 12í @ 175 mm c/c	2 legged 12í @ 110 mm c/c	2 legged 12í @ 240 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 773.6 mm AWAY FROM END SUPPORT
VY = -310.98 MX = 0.00 LD= 3
Provide 2 Legged 12í @ 240 mm c/c

==========

B E A M N O. 324 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	789.79 (Sq. mm)	589.01 (Sq. mm)	419.32 (Sq. mm)	273.82 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	7-12í 1 layer(s)	6-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 280 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 275 mm c/c	2 legged 8í @ 280 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 105.56 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 285 mm c/c

==========

==========

B E A M N O. 325 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 544.0 mm AWAY FROM END SUPPORT
VY = -25.42 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

==========

B E A M N O. 326 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	391.31 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	211.12 (Sq. mm)	273.98 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 327 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	267.51 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 328 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	620.19 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 329 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	201.49 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	633.31 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	6-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 544.0 mm AWAY FROM START SUPPORT
VY = 42.76 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 330 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	1126.94 (Sq. mm)	245.47 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	49.80 (Sq. mm)
BOTTOM REINF.	18.15 (Sq. mm)	0.00 (Sq. mm)	339.64 (Sq. mm)	829.31 (Sq. mm)	1139.76 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	10-12í 2 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	5-16í 1 layer(s)	6-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 220 mm c/c	2 legged 8í @ 200 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 331 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	575.0 mm	1150.0 mm	1725.0 mm	2300.0 mm
TOP REINF.	0.00 (Sq. mm)	95.76 (Sq. mm)	155.19 (Sq. mm)	132.52 (Sq. mm)	33.85 (Sq. mm)
BOTTOM REINF.	1041.73 (Sq. mm)	1195.55 (Sq. mm)	1252.44 (Sq. mm)	1230.74 (Sq. mm)	1136.30 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	575.0 mm	1150.0 mm	1725.0 mm	2300.0 mm
TOP REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-20í 1 layer(s)	4-20í 1 layer(s)	4-20í 1 layer(s)	4-20í 1 layer(s)	4-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 332 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	141.03 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	1222.29 (Sq. mm)	899.69 (Sq. mm)	556.91 (Sq. mm)	238.12 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	11-12í 2 layer(s)	8-12í 2 layer(s)	5-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 285 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 240 mm c/c	2 legged 10í @ 180 mm c/c	2 legged 10í @ 245 mm c/c

B E A M N O. 333 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	330.06 (Sq. mm)	628.55 (Sq. mm)	1017.84 (Sq. mm)
BOTTOM REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)	9-10í 2 layer(s)	13-10í 2 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 240 mm c/c	2 legged 10í @ 195 mm c/c	2 legged 10í @ 190 mm c/c	2 legged 10í @ 195 mm c/c	2 legged 10í @ 195 mm c/c

B E A M N O. 334 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	529.59 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	294.11 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	7-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 545.0 mm AWAY FROM END SUPPORT
VY = -39.09 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 335 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	566.75 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 712.0 mm AWAY FROM START SUPPORT
VY = 22.31 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM END SUPPORT
VY = -77.11 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 336 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	1721.09 (Sq. mm)	725.27 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	164.68 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	538.18 (Sq. mm)	1117.24 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	9-16í 2 layer(s)	4-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)	10-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 205 mm c/c	2 legged 8í @ 200 mm c/c	2 legged 8í @ 240 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 776.3 mm AWAY FROM START SUPPORT
VY = 203.40 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 200 mm c/c

B E A M N O. 337 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	925.0 mm	1850.0 mm	2775.0 mm	3700.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	1151.60 (Sq. mm)	1053.68 (Sq. mm)	811.60 (Sq. mm)	435.97 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	925.0 mm	1850.0 mm	2775.0 mm	3700.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	6-16í 1 layer(s)	6-16í 1 layer(s)	5-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 338 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	286.62 (Sq. mm)	531.57 (Sq. mm)	942.66 (Sq. mm)	1430.68 (Sq. mm)	1880.10 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	321.97 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	4-20í 1 layer(s)	5-20í 1 layer(s)	6-20í 2 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 215 mm c/c	2 legged 12í @ 205 mm c/c	2 legged 12í @ 300 mm c/c	2 legged 12í @ 300 mm c/c	2 legged 12í @ 205 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 778.3 mm AWAY FROM END SUPPORT
VY = -273.94 MX = 0.00 LD= 3
Provide 2 Legged 12í @ 275 mm c/c

B E A M N O. 339 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	554.72 (Sq. mm)	287.64 (Sq. mm)	287.64 (Sq. mm)	287.64 (Sq. mm)	287.64 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	5-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 67.40 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 714.0 mm AWAY FROM END SUPPORT
VY = 3.66 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 340 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	287.64 (Sq. mm)	304.84 (Sq. mm)	328.18 (Sq. mm)	287.64 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM START SUPPORT
VY = 57.67 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 341 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	327.11 (Sq. mm)	564.89 (Sq. mm)
BOTTOM REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 280 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM END SUPPORT
VY = -129.62 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 342 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	361.16 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 68.81 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -59.97 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     343   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  2200.0 mm      SIZE:   300.0 mm X  430.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      550.0 mm     1100.0 mm     1650.0 mm     2200.0 mm
--------------------------------------------------------------------------------
 TOP         201.45        201.45        201.45        201.45        201.45
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00          0.00          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      550.0 mm     1100.0 mm     1650.0 mm     2200.0 mm
--------------------------------------------------------------------------------
 TOP       3-12í         3-12í         3-12í         3-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     2-12í         2-12í         2-12í         2-12í         2-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   619.0 mm AWAY FROM START SUPPORT
  VY =    10.95 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 295 mm c/c

SHEAR DESIGN RESULTS AT   619.0 mm AWAY FROM END SUPPORT
  VY =   -18.09 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 295 mm c/c

================================================================================


================================================================================
              B E A M  N O.     344   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  1500.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = -20.63 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -17.01 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 345 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	25.0 mm	50.0 mm	75.0 mm	100.0 mm
TOP REINF.	342.30 (Sq. mm)	325.81 (Sq. mm)	309.41 (Sq. mm)	293.10 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	25.0 mm	50.0 mm	75.0 mm	100.0 mm
TOP REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 275 mm c/c	2 legged 8í @ 275 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 260 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = -118.88 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 346 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     347   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  1500.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      375.0 mm      750.0 mm     1125.0 mm     1500.0 mm
--------------------------------------------------------------------------------
 TOP           0.00          0.00        288.15        288.15        427.64
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM       338.74        288.15          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      375.0 mm      750.0 mm     1125.0 mm     1500.0 mm
--------------------------------------------------------------------------------
 TOP       3-12í         3-12í         3-12í         3-12í         4-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     3-12í         3-12í         3-12í         3-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   789.0 mm AWAY FROM END SUPPORT
  VY =  -118.49 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     348   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  2900.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 37.62 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -12.94 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 349 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 13.50 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM END SUPPORT
VY = -24.22 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 350 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	402.64 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	438.83 (Sq. mm)	694.11 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	6-10í 1 layer(s)	9-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 205 mm c/c	2 legged 8í @ 210 mm c/c	2 legged 8í @ 240 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 864.0 mm AWAY FROM START SUPPORT
VY = 153.22 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 240 mm c/c

B E A M N O. 351 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	721.03 (Sq. mm)	770.40 (Sq. mm)	778.12 (Sq. mm)	744.24 (Sq. mm)	669.93 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	7-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	6-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 352 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	321.49 (Sq. mm)
BOTTOM REINF.	689.33 (Sq. mm)	449.82 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	9-10í 2 layer(s)	6-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 300 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 220 mm c/c	2 legged 10í @ 195 mm c/c	2 legged 10í @ 180 mm c/c

B E A M N O. 353 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	315.22 (Sq. mm)	534.99 (Sq. mm)	773.54 (Sq. mm)	1055.28 (Sq. mm)	1366.04 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	4-16í 1 layer(s)	6-16í 1 layer(s)	7-16í 2 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 270 mm c/c	2 legged 12í @ 265 mm c/c	2 legged 12í @ 270 mm c/c	2 legged 12í @ 125 mm c/c	2 legged 12í @ 280 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 782.4 mm AWAY FROM END SUPPORT
VY = -399.43 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 354 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	531.55 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	7-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 87.18 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM END SUPPORT
VY = -46.38 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 355 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM START SUPPORT
VY = -21.51 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     356   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:   800.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      200.0 mm      400.0 mm      600.0 mm      800.0 mm
--------------------------------------------------------------------------------
 TOP         290.12        381.02        476.80        581.75        693.46
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00          0.00          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      200.0 mm      400.0 mm      600.0 mm      800.0 mm
--------------------------------------------------------------------------------
 TOP       4-10í         5-10í         7-10í         8-10í         9-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    2 layer(s)    2 layer(s)

BOTTOM     4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   859.4 mm AWAY FROM END SUPPORT
  VY =  -100.36 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     357   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:   800.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	3205.79 (Sq. mm)	2813.40 (Sq. mm)	2428.66 (Sq. mm)	2051.82 (Sq. mm)	1683.37 (Sq. mm)
BOTTOM REINF.	1731.32 (Sq. mm)	1319.55 (Sq. mm)	914.16 (Sq. mm)	514.76 (Sq. mm)	120.79 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	4-32í 1 layer(s)	4-32í 1 layer(s)	4-32í 1 layer(s)	3-32í 1 layer(s)	3-32í 1 layer(s)
BOTTOM REINF.	9-16í 2 layer(s)	7-16í 2 layer(s)	5-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 85 mm c/c	2 legged 12í @ 195 mm c/c	2 legged 12í @ 200 mm c/c	2 legged 12í @ 195 mm c/c	2 legged 12í @ 140 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 854.0 mm AWAY FROM START SUPPORT
VY = -39.20 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 358 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	1706.93 (Sq. mm)	459.98 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	397.32 (Sq. mm)
BOTTOM REINF.	151.39 (Sq. mm)	0.00 (Sq. mm)	414.43 (Sq. mm)	1277.76 (Sq. mm)	1964.43 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	9-16í 2 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	7-16í 2 layer(s)	10-16í 2 layer(s)
SHEAR REINF.	2 legged 12í @ 270 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 230 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 300 mm c/c

B E A M N O. 359 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	328.76 (Sq. mm)	500.60 (Sq. mm)	657.46 (Sq. mm)	785.03 (Sq. mm)	891.43 (Sq. mm)
BOTTOM REINF.	1898.54 (Sq. mm)	2066.07 (Sq. mm)	2215.52 (Sq. mm)	2337.47 (Sq. mm)	2438.78 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	3-12í 1 layer(s)	5-12í 1 layer(s)	6-12í 1 layer(s)	7-12í 1 layer(s)	8-12í 2 layer(s)
BOTTOM REINF.	4-25í 1 layer(s)	5-25í 1 layer(s)	5-25í 1 layer(s)	5-25í 1 layer(s)	5-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 360 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	800.95 (Sq. mm)	124.59 (Sq. mm)	0.00 (Sq. mm)	284.33 (Sq. mm)	985.60 (Sq. mm)
BOTTOM REINF.	2319.49 (Sq. mm)	1681.01 (Sq. mm)	780.11 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	5-16í 1 layer(s)
BOTTOM REINF.	12-16í 2 layer(s)	9-16í 2 layer(s)	4-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 300 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 160 mm c/c	2 legged 12í @ 125 mm c/c	2 legged 12í @ 275 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM END SUPPORT
VY = -264.07 MX = 0.00 LD= 3
Provide 2 Legged 12í @ 270 mm c/c

==========

B E A M N O. 361 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	217.09 (Sq. mm)	839.64 (Sq. mm)
BOTTOM REINF.	617.65 (Sq. mm)	454.62 (Sq. mm)	198.90 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	11-10í 2 layer(s)
BOTTOM REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 280 mm c/c

B E A M N O. 362 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1600.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	397.84 (Sq. mm)	199.92 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	449.77 (Sq. mm)	702.70 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	6-10í 1 layer(s)	9-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 230 mm c/c	2 legged 8í @ 270 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 363 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	975.0 mm	1950.0 mm	2925.0 mm	3900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	794.53 (Sq. mm)
BOTTOM REINF.	593.40 (Sq. mm)	688.27 (Sq. mm)	479.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	975.0 mm	1950.0 mm	2925.0 mm	3900.0 mm
TOP REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	4-16í 1 layer(s)
BOTTOM REINF.	8-10í 2 layer(s)	9-10í 2 layer(s)	7-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 250 mm c/c

==========

==========

B E A M N O. 364 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	697.02 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	213.03 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	9-10í 2 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 365 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	1194.02 (Sq. mm)	0.00 (Sq. mm)	35.71 (Sq. mm)	165.82 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	88.21 (Sq. mm)	212.57 (Sq. mm)	1126.34 (Sq. mm)	1245.45 (Sq. mm)	699.08 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	6-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	10-12í 2 layer(s)	12-12í 2 layer(s)	7-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 180 mm c/c	2 legged 10í @ 220 mm c/c	2 legged 10í @ 285 mm c/c	2 legged 10í @ 285 mm c/c	2 legged 10í @ 295 mm c/c

B E A M N O. 366 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	292.91 (Sq. mm)	982.47 (Sq. mm)
BOTTOM REINF.	755.60 (Sq. mm)	490.19 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	5-16í 1 layer(s)
BOTTOM REINF.	10-10í 2 layer(s)	7-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 265 mm c/c

B E A M N O. 367 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	394.99 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	443.52 (Sq. mm)	697.53 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	6-10í 1 layer(s)	9-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 220 mm c/c	2 legged 8í @ 245 mm c/c	2 legged 8í @ 240 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 862.0 mm AWAY FROM START SUPPORT
VY = 152.38 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 240 mm c/c

B E A M N O. 368 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	724.54 (Sq. mm)	772.09 (Sq. mm)	777.93 (Sq. mm)	742.19 (Sq. mm)	666.11 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	7-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	6-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 369 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	329.88 (Sq. mm)
BOTTOM REINF.	685.65 (Sq. mm)	445.10 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	9-10í 2 layer(s)	6-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 285 mm c/c	2 legged 8í @ 220 mm c/c	2 legged 8í @ 195 mm c/c	2 legged 8í @ 180 mm c/c

B E A M N O. 370 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	323.47 (Sq. mm)	544.45 (Sq. mm)	784.43 (Sq. mm)	1068.23 (Sq. mm)	1381.53 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	4-16í 1 layer(s)	6-16í 1 layer(s)	7-16í 2 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 270 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 185 mm c/c	2 legged 12í @ 125 mm c/c	2 legged 12í @ 275 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 782.4 mm AWAY FROM END SUPPORT
VY = -400.71 MX = 0.00 LD= 3
Provide 2 Legged 12í @ 270 mm c/c

B E A M N O. 371 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	521.78 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	7-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 83.98 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM END SUPPORT
VY = -49.58 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 372 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	340.61 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	316.01 (Sq. mm)	421.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 864.0 mm AWAY FROM START SUPPORT
VY = 12.35 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 373 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2000.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	500.0 mm	1000.0 mm	1500.0 mm	2000.0 mm
TOP REINF.	2760.76 (Sq. mm)	1982.90 (Sq. mm)	1132.43 (Sq. mm)	397.80 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	1262.14 (Sq. mm)	442.61 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	286.62 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	500.0 mm	1000.0 mm	1500.0 mm	2000.0 mm
TOP REINF.	9-20í 2 layer(s)	7-20í 2 layer(s)	4-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	12-12í 2 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 250 mm c/c	2 legged 12í @ 180 mm c/c	2 legged 12í @ 265 mm c/c	2 legged 12í @ 125 mm c/c	2 legged 12í @ 270 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 842.2 mm AWAY FROM START SUPPORT
VY = 310.40 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 185 mm c/c

==========

==========

B E A M N O. 374 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	32.19 (Sq. mm)	520.63 (Sq. mm)	871.64 (Sq. mm)
BOTTOM REINF.	286.62 (Sq. mm)	809.41 (Sq. mm)	1599.48 (Sq. mm)	2057.05 (Sq. mm)	2387.81 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)	8-12í 2 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	5-16í 1 layer(s)	8-16í 2 layer(s)	11-16í 2 layer(s)	12-16í 2 layer(s)
SHEAR REINF.	2 legged 10í @ 270 mm c/c	2 legged 10í @ 270 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c

B E A M N O. 375 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	570.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	857.80 (Sq. mm)
BOTTOM REINF.	2108.79 (Sq. mm)	1513.98 (Sq. mm)	719.59 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	8-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	11-10í 2 layer(s)
BOTTOM REINF.	7-20í 2 layer(s)	5-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 300 mm c/c	2 legged 12í @ 300 mm c/c	2 legged 12í @ 195 mm c/c	2 legged 12í @ 205 mm c/c	2 legged 12í @ 135 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 780.9 mm AWAY FROM END SUPPORT
VY = -237.56 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 230 mm c/c

B E A M N O. 376 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	207.80 (Sq. mm)
BOTTOM REINF.	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

```
================================================================================
              B E A M  N O.     377   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  3400.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      850.0 mm     1700.0 mm     2550.0 mm     3400.0 mm
--------------------------------------------------------------------------------
 TOP         288.15          0.00          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00        287.64        304.09        323.12        287.64
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      850.0 mm     1700.0 mm     2550.0 mm     3400.0 mm
--------------------------------------------------------------------------------
 TOP       4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     3-12í         3-12í         3-12í         3-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   715.0 mm AWAY FROM START SUPPORT
  VY =    56.52 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     378   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  1400.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	342.10 (Sq. mm)	582.78 (Sq. mm)
BOTTOM REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM END SUPPORT
VY = -130.77 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 379 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	344.19 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 66.77 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -62.02 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 380 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	214.32 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 3.97 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM END SUPPORT
VY = -23.48 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 381 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2000.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	500.0 mm	1000.0 mm	1500.0 mm	2000.0 mm
TOP REINF.	372.85 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	287.64 (Sq. mm)	316.32 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	500.0 mm	1000.0 mm	1500.0 mm	2000.0 mm
TOP REINF.	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 88.48 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 382 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	500.48 (Sq. mm)
BOTTOM REINF.	455.20 (Sq. mm)	373.08 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	7-10í 1 layer(s)
BOTTOM REINF.	6-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -98.08 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 383 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 35.48 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -15.08 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     401   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  4200.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm     1050.0 mm     2100.0 mm     3150.0 mm     4200.0 mm
--------------------------------------------------------------------------------
 TOP         288.15          0.00          0.00        288.15        463.76
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00        288.15        288.15          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm     1050.0 mm     2100.0 mm     3150.0 mm     4200.0 mm
--------------------------------------------------------------------------------
 TOP       4-10í         4-10í         4-10í         4-10í         6-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM    4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   715.0 mm AWAY FROM START SUPPORT
  VY =    29.16 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

SHEAR DESIGN RESULTS AT   790.0 mm AWAY FROM END SUPPORT
  VY =   -74.39 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     402   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  3650.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	1237.52 (Sq. mm)	407.65 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	284.33 (Sq. mm)	600.51 (Sq. mm)	965.09 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	11-12í 2 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-25í 1 layer(s)	2-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 265 mm c/c	2 legged 8í @ 255 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 779.2 mm AWAY FROM START SUPPORT
VY = 163.18 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 255 mm c/c

==========

B E A M N O. 403 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	419.73 (Sq. mm)	1258.83 (Sq. mm)
BOTTOM REINF.	965.53 (Sq. mm)	596.49 (Sq. mm)	284.33 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)	12-12í 2 layer(s)
BOTTOM REINF.	3-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 255 mm c/c	2 legged 8í @ 270 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 777.8 mm AWAY FROM END SUPPORT
VY = -164.86 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 245 mm c/c

B E A M N O. 404 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	448.34 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 73.97 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 714.0 mm AWAY FROM END SUPPORT
VY = -28.73 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 405 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	423.10 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	336.05 (Sq. mm)	425.43 (Sq. mm)	328.87 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	4-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 406 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	423.85 (Sq. mm)
BOTTOM REINF.	328.57 (Sq. mm)	425.01 (Sq. mm)	335.54 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 407 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	205.71 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	342.97 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	327.47 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 408 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	341.83 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	207.20 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	327.26 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 409 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	372.81 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	222.44 (Sq. mm)	288.73 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 545.0 mm AWAY FROM START SUPPORT
VY = 45.73 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

==========

B E A M N O. 410 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	371.93 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	201.45 (Sq. mm)	288.91 (Sq. mm)	222.29 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 545.0 mm AWAY FROM END SUPPORT
VY = -47.66 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 411 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	1473.82 (Sq. mm)	504.05 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	808.43 (Sq. mm)	1480.27 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	5-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	5-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 250 mm c/c	2 legged 8í @ 235 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 785.0 mm AWAY FROM START SUPPORT
VY = 192.12 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 230 mm c/c

B E A M N O. 412 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	505.15 (Sq. mm)	1476.54 (Sq. mm)
BOTTOM REINF.	1482.51 (Sq. mm)	809.19 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	5-20í 1 layer(s)
BOTTOM REINF.	5-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 235 mm c/c	2 legged 8í @ 245 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 785.0 mm AWAY FROM END SUPPORT
VY = -191.65 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 215 mm c/c

B E A M N O. 413 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = 2.97 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM END SUPPORT
VY = -26.13 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 414 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	201.45 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	253.97 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 510.0 mm AWAY FROM START SUPPORT
VY = 20.54 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 620.0 mm AWAY FROM END SUPPORT
VY = -36.11 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 415 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	1233.68 (Sq. mm)	373.22 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	575.52 (Sq. mm)	823.93 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	11-12í 2 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	8-10í 2 layer(s)	11-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 240 mm c/c	2 legged 8í @ 240 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 779.2 mm AWAY FROM START SUPPORT
VY = 169.50 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 235 mm c/c

B E A M N O. 416 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	354.08 (Sq. mm)	1173.72 (Sq. mm)
BOTTOM REINF.	821.96 (Sq. mm)	581.59 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	6-16í 1 layer(s)
BOTTOM REINF.	11-10í 2 layer(s)	8-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 265 mm c/c	2 legged 8í @ 250 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM END SUPPORT
VY = -168.72 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 220 mm c/c

B E A M N O. 417 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	739.31 (Sq. mm)	390.88 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	225.54 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	10-10í 2 layer(s)	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 612.5 mm AWAY FROM START SUPPORT
VY = 96.22 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 418 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	201.45 (Sq. mm)	284.72 (Sq. mm)	254.83 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 544.0 mm AWAY FROM END SUPPORT
VY = -50.50 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 419 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = 11.68 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM END SUPPORT
VY = -20.10 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 420 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = 35.36 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 421 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1400.0 mm	2800.0 mm	4200.0 mm	5600.0 mm
TOP REINF.	1834.05 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	274.84 (Sq. mm)	0.00 (Sq. mm)	673.06 (Sq. mm)	1189.64 (Sq. mm)	1147.77 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1400.0 mm	2800.0 mm	4200.0 mm	5600.0 mm
TOP REINF.	6-20í 2 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	6-12í 1 layer(s)	11-12í 2 layer(s)	11-12í 2 layer(s)
SHEAR REINF.	2 legged 10í @ 185 mm c/c	2 legged 10í @ 230 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 778.3 mm AWAY FROM START SUPPORT
VY = 216.54 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 290 mm c/c

B E A M N O. 422 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	824.71 (Sq. mm)
BOTTOM REINF.	1087.91 (Sq. mm)	600.33 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	11-10í 2 layer(s)
BOTTOM REINF.	14-10í 2 layer(s)	8-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 210 mm c/c	2 legged 12í @ 165 mm c/c	2 legged 12í @ 300 mm c/c	2 legged 12í @ 190 mm c/c	2 legged 12í @ 200 mm c/c

B E A M N O. 423 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	660.22 (Sq. mm)	1013.63 (Sq. mm)	1422.34 (Sq. mm)	1806.10 (Sq. mm)	2149.21 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	246.07 (Sq. mm)	611.91 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	3-20í 1 layer(s)	4-20í 1 layer(s)	5-20í 1 layer(s)	6-20í 2 layer(s)	7-20í 2 layer(s)
BOTTOM REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 255 mm c/c	2 legged 12í @ 255 mm c/c	2 legged 12í @ 180 mm c/c	2 legged 12í @ 255 mm c/c	2 legged 12í @ 250 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 773.6 mm AWAY FROM END SUPPORT
VY = -305.45 MX = 0.00 LD= 3
Provide 2 Legged 12í @ 245 mm c/c

==========

B E A M N O. 424 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	629.02 (Sq. mm)	465.51 (Sq. mm)	320.54 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	6-12í 1 layer(s)	5-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 96.34 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 425 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 544.0 mm AWAY FROM END SUPPORT
VY = -32.18 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 426 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	346.18 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	207.45 (Sq. mm)	284.91 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 427 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	297.38 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 428 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	656.38 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	6-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 429 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	224.39 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	626.83 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 540.0 mm AWAY FROM START SUPPORT
VY = 44.00 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 290 mm c/c

B E A M N O. 430 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	1123.00 (Sq. mm)	231.98 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	45.13 (Sq. mm)
BOTTOM REINF.	32.11 (Sq. mm)	0.00 (Sq. mm)	346.72 (Sq. mm)	831.21 (Sq. mm)	1135.46 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	10-12í 2 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	5-16í 1 layer(s)	6-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 225 mm c/c	2 legged 8í @ 205 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 431 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	575.0 mm	1150.0 mm	1725.0 mm	2300.0 mm
TOP REINF.	0.00 (Sq. mm)	93.71 (Sq. mm)	153.40 (Sq. mm)	130.97 (Sq. mm)	32.55 (Sq. mm)
BOTTOM REINF.	1038.63 (Sq. mm)	1193.59 (Sq. mm)	1250.72 (Sq. mm)	1229.26 (Sq. mm)	1135.06 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	575.0 mm	1150.0 mm	1725.0 mm	2300.0 mm
TOP REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-20í 1 layer(s)	4-20í 1 layer(s)	4-20í 1 layer(s)	4-20í 1 layer(s)	4-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 432 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	142.30 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	1223.51 (Sq. mm)	900.07 (Sq. mm)	556.22 (Sq. mm)	236.62 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	11-12í 2 layer(s)	8-12í 2 layer(s)	5-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 285 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 235 mm c/c	2 legged 10í @ 180 mm c/c	2 legged 10í @ 245 mm c/c

B E A M N O. 433 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	0.00 (Sq. mm)	199.92 (Sq. mm)	329.14 (Sq. mm)	627.48 (Sq. mm)	993.49 (Sq. mm)
BOTTOM REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	2-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)	4-16í 1 layer(s)	5-16í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 240 mm c/c	2 legged 8í @ 245 mm c/c	2 legged 8í @ 215 mm c/c	2 legged 8í @ 210 mm c/c	2 legged 8í @ 205 mm c/c

B E A M N O. 434 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	521.27 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	315.93 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	7-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 545.0 mm AWAY FROM END SUPPORT
VY = -40.47 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 435 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	417.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 714.0 mm AWAY FROM START SUPPORT
VY = 31.65 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM END SUPPORT
VY = -67.77 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 436 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	1751.13 (Sq. mm)	751.87 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	195.49 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	526.20 (Sq. mm)	1110.40 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	9-16í 2 layer(s)	4-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)	10-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 200 mm c/c	2 legged 8í @ 195 mm c/c	2 legged 8í @ 235 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 776.3 mm AWAY FROM START SUPPORT
VY = 205.02 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 200 mm c/c

B E A M N O. 437 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	925.0 mm	1850.0 mm	2775.0 mm	3700.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	1143.30 (Sq. mm)	1048.05 (Sq. mm)	808.63 (Sq. mm)	435.32 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	925.0 mm	1850.0 mm	2775.0 mm	3700.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	6-16í 1 layer(s)	6-16í 1 layer(s)	5-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 438 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	286.62 (Sq. mm)	532.57 (Sq. mm)	945.09 (Sq. mm)	1435.09 (Sq. mm)	1884.32 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	326.30 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	4-20í 1 layer(s)	5-20í 1 layer(s)	6-20í 2 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 215 mm c/c	2 legged 12í @ 205 mm c/c	2 legged 12í @ 300 mm c/c	2 legged 12í @ 300 mm c/c	2 legged 12í @ 130 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 778.3 mm AWAY FROM END SUPPORT
VY = -274.70 MX = 0.00 LD= 3
Provide 2 Legged 12í @ 275 mm c/c

B E A M N O. 439 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	367.81 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 52.65 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -11.09 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 440 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	305.30 (Sq. mm)	337.83 (Sq. mm)	288.15 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM START SUPPORT
VY = 60.12 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     441   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  1400.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      350.0 mm      700.0 mm     1050.0 mm     1400.0 mm
--------------------------------------------------------------------------------
 TOP           0.00          0.00        288.15        298.99        530.72
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM       288.15        288.15          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      350.0 mm      700.0 mm     1050.0 mm     1400.0 mm
--------------------------------------------------------------------------------
 TOP       4-10í         4-10í         4-10í         4-10í         7-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 280 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   790.0 mm AWAY FROM END SUPPORT
  VY =  -127.91 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     442   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  4800.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	307.92 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 64.40 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -64.38 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 443 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 3.37 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM END SUPPORT
VY = -25.66 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 444 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = -1.33 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = 2.29 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 445 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	25.0 mm	50.0 mm	75.0 mm	100.0 mm
TOP REINF.	357.51 (Sq. mm)	340.47 (Sq. mm)	323.52 (Sq. mm)	306.66 (Sq. mm)	289.89 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	25.0 mm	50.0 mm	75.0 mm	100.0 mm
TOP REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 260 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 245 mm c/c	2 legged 8í @ 250 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = -122.43 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 446 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	292.46 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

B E A M N O. 447 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	409.45 (Sq. mm)
BOTTOM REINF.	354.25 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM END SUPPORT
VY = -118.14 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 448 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 31.43 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -19.13 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 449 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 13.17 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM END SUPPORT
VY = -24.56 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 450 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	393.01 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	437.42 (Sq. mm)	688.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	6-10í 1 layer(s)	9-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 220 mm c/c	2 legged 8í @ 250 mm c/c	2 legged 8í @ 245 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 862.0 mm AWAY FROM START SUPPORT
VY = 150.90 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 245 mm c/c

B E A M N O. 451 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	724.95 (Sq. mm)	770.32 (Sq. mm)	773.37 (Sq. mm)	734.34 (Sq. mm)	651.90 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	7-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	6-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 452 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	350.40 (Sq. mm)
BOTTOM REINF.	659.50 (Sq. mm)	426.79 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	6-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 300 mm c/c	2 legged 10í @ 280 mm c/c	2 legged 10í @ 220 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 285 mm c/c

B E A M N O. 453 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	346.45 (Sq. mm)	569.40 (Sq. mm)	811.83 (Sq. mm)	1078.31 (Sq. mm)	1392.55 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	5-16í 1 layer(s)	6-16í 1 layer(s)	7-16í 2 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 270 mm c/c	2 legged 12í @ 265 mm c/c	2 legged 12í @ 280 mm c/c	2 legged 12í @ 125 mm c/c	2 legged 12í @ 275 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 782.4 mm AWAY FROM END SUPPORT
VY = -400.08 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 454 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	405.26 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	343.19 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 73.97 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 864.0 mm AWAY FROM END SUPPORT
VY = -59.59 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 455 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 694.0 mm AWAY FROM START SUPPORT
VY = 13.64 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

```
================================================================================
              B E A M  N O.     456   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:   800.0 mm      SIZE:   300.0 mm X  430.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      200.0 mm      400.0 mm      600.0 mm      800.0 mm
--------------------------------------------------------------------------------
 TOP         200.94        200.94        241.38        321.02        407.11
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00          0.00          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      200.0 mm      400.0 mm      600.0 mm      800.0 mm
--------------------------------------------------------------------------------
 TOP       3-12í         3-12í         3-12í         3-12í         4-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     2-12í         2-12í         2-12í         2-12í         2-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   694.0 mm AWAY FROM END SUPPORT
  VY =   -56.15 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 295 mm c/c

================================================================================


================================================================================
              B E A M  N O.     457   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:   800.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	3149.01 (Sq. mm)	2762.68 (Sq. mm)	2383.99 (Sq. mm)	2013.19 (Sq. mm)	1650.78 (Sq. mm)
BOTTOM REINF.	1672.72 (Sq. mm)	1267.20 (Sq. mm)	868.06 (Sq. mm)	474.91 (Sq. mm)	87.19 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	4-32í 1 layer(s)	4-32í 1 layer(s)	3-32í 1 layer(s)	3-32í 1 layer(s)	3-32í 1 layer(s)
BOTTOM REINF.	9-16í 2 layer(s)	7-16í 2 layer(s)	5-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 195 mm c/c	2 legged 12í @ 200 mm c/c	2 legged 12í @ 195 mm c/c	2 legged 12í @ 140 mm c/c	2 legged 12í @ 205 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 854.0 mm AWAY FROM START SUPPORT
VY = -38.55 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

==========

B E A M N O. 458 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	1673.70 (Sq. mm)	440.87 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	372.67 (Sq. mm)
BOTTOM REINF.	117.02 (Sq. mm)	0.00 (Sq. mm)	418.93 (Sq. mm)	1264.66 (Sq. mm)	1940.46 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	9-16í 2 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)
BOTTOM REINF.	3-25í 1 layer(s)	2-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	4-25í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 275 mm c/c	2 legged 12í @ 185 mm c/c	2 legged 12í @ 290 mm c/c	2 legged 12í @ 280 mm c/c	2 legged 12í @ 300 mm c/c

B E A M N O. 459 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	353.42 (Sq. mm)	534.66 (Sq. mm)	686.23 (Sq. mm)	827.84 (Sq. mm)	932.86 (Sq. mm)
BOTTOM REINF.	1899.02 (Sq. mm)	2070.73 (Sq. mm)	2216.34 (Sq. mm)	2345.48 (Sq. mm)	2445.23 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)
BOTTOM REINF.	4-25í 1 layer(s)	5-25í 1 layer(s)	5-25í 1 layer(s)	5-25í 1 layer(s)	5-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 460 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	756.94 (Sq. mm)	83.11 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	1046.71 (Sq. mm)
BOTTOM REINF.	2278.69 (Sq. mm)	1641.57 (Sq. mm)	737.06 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	10-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	14-10í 2 layer(s)
BOTTOM REINF.	12-16í 2 layer(s)	9-16í 2 layer(s)	4-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 300 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 160 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 190 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 777.5 mm AWAY FROM END SUPPORT
VY = -264.28 MX = 0.00 LD= 3
Provide 2 Legged 12í @ 260 mm c/c

==========

B E A M N O. 461 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	235.70 (Sq. mm)	871.43 (Sq. mm)
BOTTOM REINF.	613.54 (Sq. mm)	445.21 (Sq. mm)	198.90 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	8-12í 2 layer(s)
BOTTOM REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 285 mm c/c	2 legged 8í @ 285 mm c/c

B E A M N O. 462 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1600.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	394.40 (Sq. mm)	199.92 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	452.85 (Sq. mm)	706.05 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	6-10í 1 layer(s)	9-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 230 mm c/c	2 legged 8í @ 270 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 463 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	975.0 mm	1950.0 mm	2925.0 mm	3900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	824.80 (Sq. mm)
BOTTOM REINF.	596.61 (Sq. mm)	687.80 (Sq. mm)	476.07 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	975.0 mm	1950.0 mm	2925.0 mm	3900.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	11-10í 2 layer(s)
BOTTOM REINF.	8-10í 2 layer(s)	9-10í 2 layer(s)	7-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 265 mm c/c	2 legged 8í @ 250 mm c/c

==========

==========

B E A M N O. 464 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	691.63 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	212.11 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	9-10í 2 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 465 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	1187.19 (Sq. mm)	0.00 (Sq. mm)	34.58 (Sq. mm)	160.45 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	81.09 (Sq. mm)	215.38 (Sq. mm)	1125.26 (Sq. mm)	1240.33 (Sq. mm)	688.56 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	6-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	10-12í 2 layer(s)	11-12í 2 layer(s)	7-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 285 mm c/c	2 legged 10í @ 225 mm c/c	2 legged 10í @ 285 mm c/c	2 legged 10í @ 285 mm c/c	2 legged 10í @ 295 mm c/c

B E A M N O. 466 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	313.60 (Sq. mm)	1025.29 (Sq. mm)
BOTTOM REINF.	745.73 (Sq. mm)	475.18 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)	14-10í 2 layer(s)
BOTTOM REINF.	10-10í 2 layer(s)	7-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 245 mm c/c	2 legged 8í @ 260 mm c/c

B E A M N O. 467 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	383.66 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	439.69 (Sq. mm)	688.69 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	6-10í 1 layer(s)	9-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 200 mm c/c	2 legged 8í @ 215 mm c/c	2 legged 8í @ 245 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM START SUPPORT
VY = 150.00 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 245 mm c/c

B E A M N O. 468 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	725.84 (Sq. mm)	769.13 (Sq. mm)	770.10 (Sq. mm)	729.04 (Sq. mm)	644.75 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	7-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	6-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 469 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	361.91 (Sq. mm)
BOTTOM REINF.	652.53 (Sq. mm)	418.95 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	6-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 300 mm c/c	2 legged 10í @ 275 mm c/c	2 legged 10í @ 220 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 285 mm c/c

B E A M N O. 470 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	357.93 (Sq. mm)	582.22 (Sq. mm)	826.26 (Sq. mm)	1094.73 (Sq. mm)	1411.89 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	4-12í 1 layer(s)	6-12í 1 layer(s)	8-12í 2 layer(s)	10-12í 2 layer(s)	13-12í 2 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 260 mm c/c	2 legged 12í @ 270 mm c/c	2 legged 12í @ 190 mm c/c	2 legged 12í @ 190 mm c/c	2 legged 12í @ 275 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 776.5 mm AWAY FROM END SUPPORT
VY = -401.20 MX = 0.00 LD= 3
Provide 2 Legged 12í @ 260 mm c/c

B E A M N O. 471 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	432.71 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	341.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 75.56 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 864.0 mm AWAY FROM END SUPPORT
VY = -58.00 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 472 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	370.17 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	290.82 (Sq. mm)	376.56 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM START SUPPORT
VY = 17.87 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     473   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  2000.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      500.0 mm     1000.0 mm     1500.0 mm     2000.0 mm
--------------------------------------------------------------------------------
 TOP        2756.00       1986.71       1147.89        418.86          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM      1257.25        446.54          0.00          0.00        286.62
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      500.0 mm     1000.0 mm     1500.0 mm     2000.0 mm
--------------------------------------------------------------------------------
 TOP       9-20í         7-20í         4-20í         3-20í         2-20í
REINF.   2 layer(s)    2 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM    12-12í         4-12í         3-12í         3-12í         3-12í
REINF.   2 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged 12í  2 legged 12í  2 legged 12í  2 legged 12í  2 legged 12í
REINF.  @ 175 mm c/c  @ 260 mm c/c  @ 270 mm c/c  @ 200 mm c/c  @ 275 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   842.2 mm AWAY FROM START SUPPORT
  VY =   306.48 MX =     0.00 LD=    3
  Provide 2 Legged 12í  @ 270 mm c/c

================================================================================


================================================================================
              B E A M  N O.     474   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  3400.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	469.73 (Sq. mm)	824.88 (Sq. mm)
BOTTOM REINF.	286.62 (Sq. mm)	775.86 (Sq. mm)	1564.86 (Sq. mm)	2012.40 (Sq. mm)	2342.62 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	6-10í 1 layer(s)	11-10í 2 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	4-16í 1 layer(s)	8-16í 2 layer(s)	11-16í 2 layer(s)	12-16í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 175 mm c/c	2 legged 8í @ 250 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 475 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	526.80 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	888.38 (Sq. mm)
BOTTOM REINF.	2065.94 (Sq. mm)	1454.98 (Sq. mm)	676.56 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	5-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	8-12í 2 layer(s)
BOTTOM REINF.	7-20í 2 layer(s)	5-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 300 mm c/c	2 legged 12í @ 300 mm c/c	2 legged 12í @ 195 mm c/c	2 legged 12í @ 210 mm c/c	2 legged 12í @ 215 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 785.6 mm AWAY FROM END SUPPORT
VY = -236.82 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 230 mm c/c

B E A M N O. 476 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

```
================================================================================
              B E A M  N O.     477   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  3400.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      850.0 mm     1700.0 mm     2550.0 mm     3400.0 mm
--------------------------------------------------------------------------------
 TOP         288.15          0.00          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00        287.64        304.47        332.47        287.64
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      850.0 mm     1700.0 mm     2550.0 mm     3400.0 mm
--------------------------------------------------------------------------------
 TOP       4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     3-12í         3-12í         3-12í         3-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   715.0 mm AWAY FROM START SUPPORT
  VY =    58.91 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     478   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  1400.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	316.27 (Sq. mm)	551.72 (Sq. mm)
BOTTOM REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 280 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM END SUPPORT
VY = -129.22 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 479 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	297.50 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	316.47 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 62.47 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM END SUPPORT
VY = -66.31 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 480 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 6.44 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM END SUPPORT
VY = -21.01 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 481 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2000.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	500.0 mm	1000.0 mm	1500.0 mm	2000.0 mm
TOP REINF.	400.50 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	287.64 (Sq. mm)	320.45 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	500.0 mm	1000.0 mm	1500.0 mm	2000.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM START SUPPORT
VY = 91.77 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 482 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	489.36 (Sq. mm)
BOTTOM REINF.	455.12 (Sq. mm)	375.71 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	7-10í 1 layer(s)
BOTTOM REINF.	6-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -97.37 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 483 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 27.36 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -23.20 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     501   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  4200.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm     1050.0 mm     2100.0 mm     3150.0 mm     4200.0 mm
--------------------------------------------------------------------------------
 TOP         288.15          0.00          0.00        288.15        458.34
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00        288.15        288.15          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm     1050.0 mm     2100.0 mm     3150.0 mm     4200.0 mm
--------------------------------------------------------------------------------
 TOP       4-10í         4-10í         4-10í         4-10í         6-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM    4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   715.0 mm AWAY FROM START SUPPORT
  VY =    29.16 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

SHEAR DESIGN RESULTS AT   790.0 mm AWAY FROM END SUPPORT
  VY =   -74.39 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     502   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  3650.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	1231.70 (Sq. mm)	405.28 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	284.33 (Sq. mm)	598.64 (Sq. mm)	960.54 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	11-12í 2 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-25í 1 layer(s)	2-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 265 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 779.2 mm AWAY FROM START SUPPORT
VY = 162.68 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 255 mm c/c

==========

B E A M N O. 503 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	415.45 (Sq. mm)	1249.58 (Sq. mm)
BOTTOM REINF.	960.81 (Sq. mm)	595.18 (Sq. mm)	284.33 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	4-20í 1 layer(s)
BOTTOM REINF.	3-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 270 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 785.0 mm AWAY FROM END SUPPORT
VY = -164.19 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 504 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	445.55 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 74.16 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 714.0 mm AWAY FROM END SUPPORT
VY = -28.55 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 505 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	430.99 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	331.23 (Sq. mm)	421.85 (Sq. mm)	326.70 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	4-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 506 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	432.21 (Sq. mm)
BOTTOM REINF.	326.63 (Sq. mm)	421.47 (Sq. mm)	330.58 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 507 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	360.11 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	252.01 (Sq. mm)	361.30 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 508 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	358.80 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	201.45 (Sq. mm)	361.90 (Sq. mm)	252.24 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 509 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	392.27 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	256.23 (Sq. mm)	307.12 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 545.0 mm AWAY FROM START SUPPORT
VY = 43.33 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 510 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	386.29 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	308.42 (Sq. mm)	256.92 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 545.0 mm AWAY FROM END SUPPORT
VY = -45.29 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 511 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	1485.12 (Sq. mm)	509.69 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	808.30 (Sq. mm)	1483.50 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	5-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	5-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 245 mm c/c	2 legged 8í @ 235 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 785.0 mm AWAY FROM START SUPPORT
VY = 192.68 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 225 mm c/c

B E A M N O. 512 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	514.95 (Sq. mm)	1495.38 (Sq. mm)
BOTTOM REINF.	1486.44 (Sq. mm)	807.82 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	5-20í 1 layer(s)
BOTTOM REINF.	5-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 230 mm c/c	2 legged 8í @ 245 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 785.0 mm AWAY FROM END SUPPORT
VY = -192.57 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 215 mm c/c

B E A M N O. 513 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = -13.11 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM END SUPPORT
VY = -42.21 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 514 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	238.90 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 510.0 mm AWAY FROM START SUPPORT
VY = 24.42 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 620.0 mm AWAY FROM END SUPPORT
VY = -32.24 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 515 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	1194.03 (Sq. mm)	364.63 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	581.95 (Sq. mm)	828.43 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	6-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	8-10í 2 layer(s)	11-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 245 mm c/c	2 legged 8í @ 265 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM START SUPPORT
VY = 168.97 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 250 mm c/c

B E A M N O. 516 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	348.20 (Sq. mm)	1165.08 (Sq. mm)
BOTTOM REINF.	825.89 (Sq. mm)	586.16 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	6-16í 1 layer(s)
BOTTOM REINF.	11-10í 2 layer(s)	8-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 270 mm c/c	2 legged 8í @ 250 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM END SUPPORT
VY = -168.48 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 220 mm c/c

B E A M N O. 517 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	759.94 (Sq. mm)	401.80 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	233.43 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	10-10í 2 layer(s)	6-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 612.5 mm AWAY FROM START SUPPORT
VY = 98.46 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 290 mm c/c

B E A M N O. 518 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	203.71 (Sq. mm)	299.48 (Sq. mm)	279.66 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 544.0 mm AWAY FROM END SUPPORT
VY = -47.95 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 519 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = 1.95 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM END SUPPORT
VY = -29.83 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 520 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	216.35 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = 38.14 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 521 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1400.0 mm	2800.0 mm	4200.0 mm	5600.0 mm
TOP REINF.	1838.64 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	279.55 (Sq. mm)	0.00 (Sq. mm)	678.96 (Sq. mm)	1203.04 (Sq. mm)	1166.25 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1400.0 mm	2800.0 mm	4200.0 mm	5600.0 mm
TOP REINF.	6-20í 2 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	3-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	4-20í 1 layer(s)	4-20í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 285 mm c/c	2 legged 10í @ 230 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 778.3 mm AWAY FROM START SUPPORT
VY = 217.26 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 290 mm c/c

B E A M N O. 522 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	286.62 (Sq. mm)	796.47 (Sq. mm)
BOTTOM REINF.	1105.65 (Sq. mm)	615.63 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	4-16í 1 layer(s)
BOTTOM REINF.	10-12í 2 layer(s)	6-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 215 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 135 mm c/c	2 legged 12í @ 205 mm c/c	2 legged 12í @ 200 mm c/c

B E A M N O. 523 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	641.51 (Sq. mm)	988.36 (Sq. mm)	1388.20 (Sq. mm)	1777.91 (Sq. mm)	2116.97 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	217.15 (Sq. mm)	578.84 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	3-20í 1 layer(s)	4-20í 1 layer(s)	5-20í 1 layer(s)	6-20í 2 layer(s)	7-20í 2 layer(s)
BOTTOM REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 180 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 255 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 773.6 mm AWAY FROM END SUPPORT
VY = -301.65 MX = 0.00 LD= 3
Provide 2 Legged 12í @ 250 mm c/c

B E A M N O. 524 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	645.66 (Sq. mm)	478.11 (Sq. mm)	329.67 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	6-12í 1 layer(s)	5-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 280 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 98.45 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 525 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 544.0 mm AWAY FROM END SUPPORT
VY = -30.39 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 526 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	341.26 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	222.25 (Sq. mm)	296.73 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 527 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	255.74 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 528 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	587.96 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 529 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	621.66 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 540.0 mm AWAY FROM START SUPPORT
VY = 42.91 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 290 mm c/c

B E A M N O. 530 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	1124.69 (Sq. mm)	230.80 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	21.48 (Sq. mm)
BOTTOM REINF.	33.98 (Sq. mm)	0.00 (Sq. mm)	352.82 (Sq. mm)	835.53 (Sq. mm)	1130.12 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	10-12í 2 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	4-12í 1 layer(s)	8-12í 2 layer(s)	10-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 225 mm c/c	2 legged 8í @ 205 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 285 mm c/c

B E A M N O. 531 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	575.0 mm	1150.0 mm	1725.0 mm	2300.0 mm
TOP REINF.	0.00 (Sq. mm)	135.32 (Sq. mm)	204.79 (Sq. mm)	173.57 (Sq. mm)	73.24 (Sq. mm)
BOTTOM REINF.	1067.51 (Sq. mm)	1216.83 (Sq. mm)	1279.16 (Sq. mm)	1253.41 (Sq. mm)	1157.47 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	575.0 mm	1150.0 mm	1725.0 mm	2300.0 mm
TOP REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	10-12í 2 layer(s)	11-12í 2 layer(s)	12-12í 2 layer(s)	12-12í 2 layer(s)	11-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 285 mm c/c	2 legged 8í @ 285 mm c/c	2 legged 8í @ 285 mm c/c	2 legged 8í @ 285 mm c/c	2 legged 8í @ 285 mm c/c

B E A M N O. 532 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	151.93 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	1232.72 (Sq. mm)	922.12 (Sq. mm)	568.07 (Sq. mm)	247.78 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	11-12í 2 layer(s)	9-12í 2 layer(s)	6-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 285 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 255 mm c/c	2 legged 10í @ 180 mm c/c	2 legged 10í @ 245 mm c/c

B E A M N O. 533 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	0.00 (Sq. mm)	199.92 (Sq. mm)	317.05 (Sq. mm)	614.60 (Sq. mm)	979.03 (Sq. mm)
BOTTOM REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	2-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 240 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 230 mm c/c

B E A M N O. 534 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	508.47 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	280.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	7-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 545.0 mm AWAY FROM END SUPPORT
VY = -39.34 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 535 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	353.51 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM START SUPPORT
VY = 35.66 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -63.76 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 536 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	1759.47 (Sq. mm)	758.11 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	204.06 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	526.21 (Sq. mm)	1113.97 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	9-16í 2 layer(s)	4-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)	10-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 200 mm c/c	2 legged 8í @ 195 mm c/c	2 legged 8í @ 235 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 776.3 mm AWAY FROM START SUPPORT
VY = 205.78 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 195 mm c/c

B E A M N O. 537 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	925.0 mm	1850.0 mm	2775.0 mm	3700.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	1147.54 (Sq. mm)	1057.06 (Sq. mm)	821.56 (Sq. mm)	451.07 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	925.0 mm	1850.0 mm	2775.0 mm	3700.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	6-16í 1 layer(s)	6-16í 1 layer(s)	5-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 538 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	286.62 (Sq. mm)	510.72 (Sq. mm)	917.89 (Sq. mm)	1400.04 (Sq. mm)	1857.13 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	298.41 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	5-20í 1 layer(s)	6-20í 2 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 215 mm c/c	2 legged 12í @ 300 mm c/c	2 legged 12í @ 285 mm c/c	2 legged 12í @ 210 mm c/c	2 legged 12í @ 205 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 778.3 mm AWAY FROM END SUPPORT
VY = -273.06 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 130 mm c/c

B E A M N O. 539 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	310.11 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 48.05 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -15.69 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 540 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	312.34 (Sq. mm)	348.38 (Sq. mm)	288.15 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM START SUPPORT
VY = 61.04 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     541   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  1400.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      350.0 mm      700.0 mm     1050.0 mm     1400.0 mm
--------------------------------------------------------------------------------
 TOP           0.00          0.00        288.15        288.15        488.19
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM       288.15        288.15          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      350.0 mm      700.0 mm     1050.0 mm     1400.0 mm
--------------------------------------------------------------------------------
 TOP       4-10í         4-10í         4-10í         4-10í         7-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 295 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   790.0 mm AWAY FROM END SUPPORT
  VY =  -123.25 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     542   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  4800.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	288.44 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	301.33 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 62.76 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -66.03 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 543 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	230.86 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 620.0 mm AWAY FROM START SUPPORT
VY = -1.40 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 620.0 mm AWAY FROM END SUPPORT
VY = -30.43 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 544 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 9.17 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = 12.79 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 545 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	25.0 mm	50.0 mm	75.0 mm	100.0 mm
TOP REINF.	367.60 (Sq. mm)	350.44 (Sq. mm)	333.37 (Sq. mm)	316.40 (Sq. mm)	299.52 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	25.0 mm	50.0 mm	75.0 mm	100.0 mm
TOP REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 260 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 260 mm c/c	2 legged 8í @ 245 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = -122.95 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 546 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	298.86 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     547   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  1500.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      375.0 mm      750.0 mm     1125.0 mm     1500.0 mm
--------------------------------------------------------------------------------
 TOP           0.00          0.00          0.00        288.15        376.24
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM       361.81        288.15        288.15          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      375.0 mm      750.0 mm     1125.0 mm     1500.0 mm
--------------------------------------------------------------------------------
 TOP       4-10í         4-10í         4-10í         4-10í         5-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     5-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   790.0 mm AWAY FROM END SUPPORT
  VY =  -114.46 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     548   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  2900.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 29.31 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -21.25 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 549 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 12.11 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM END SUPPORT
VY = -25.61 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 550 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	359.21 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	467.82 (Sq. mm)	723.34 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	6-10í 1 layer(s)	10-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 200 mm c/c	2 legged 8í @ 210 mm c/c	2 legged 8í @ 245 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM START SUPPORT
VY = 150.57 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 245 mm c/c

B E A M N O. 551 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	749.29 (Sq. mm)	793.21 (Sq. mm)	794.87 (Sq. mm)	754.54 (Sq. mm)	673.66 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 552 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	352.76 (Sq. mm)
BOTTOM REINF.	693.85 (Sq. mm)	444.75 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	9-10í 2 layer(s)	6-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 300 mm c/c	2 legged 10í @ 270 mm c/c	2 legged 10í @ 210 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 275 mm c/c

B E A M N O. 553 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	347.21 (Sq. mm)	574.94 (Sq. mm)	828.95 (Sq. mm)	1117.28 (Sq. mm)	1448.76 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	4-12í 1 layer(s)	6-12í 1 layer(s)	8-12í 2 layer(s)	10-12í 2 layer(s)	13-12í 2 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 175 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 265 mm c/c	2 legged 12í @ 265 mm c/c	2 legged 12í @ 185 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 776.5 mm AWAY FROM END SUPPORT
VY = -409.96 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 554 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	436.05 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	346.80 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 75.43 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 864.0 mm AWAY FROM END SUPPORT
VY = -58.13 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 555 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM START SUPPORT
VY = 3.04 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     556   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:   800.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      200.0 mm      400.0 mm      600.0 mm      800.0 mm
--------------------------------------------------------------------------------
 TOP         288.15        288.15        316.59        377.58        442.53
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00          0.00          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      200.0 mm      400.0 mm      600.0 mm      800.0 mm
--------------------------------------------------------------------------------
 TOP       3-12í         3-12í         3-12í         4-12í         4-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   864.0 mm AWAY FROM END SUPPORT
  VY =   -60.21 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     557   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:   800.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	3202.73 (Sq. mm)	2811.62 (Sq. mm)	2428.12 (Sq. mm)	2052.46 (Sq. mm)	1685.19 (Sq. mm)
BOTTOM REINF.	1728.16 (Sq. mm)	1317.71 (Sq. mm)	913.59 (Sq. mm)	515.43 (Sq. mm)	122.66 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	4-32í 1 layer(s)	4-32í 1 layer(s)	4-32í 1 layer(s)	3-32í 1 layer(s)	3-32í 1 layer(s)
BOTTOM REINF.	9-16í 2 layer(s)	7-16í 2 layer(s)	5-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 85 mm c/c	2 legged 12í @ 195 mm c/c	2 legged 12í @ 90 mm c/c	2 legged 12í @ 195 mm c/c	2 legged 12í @ 90 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 854.0 mm AWAY FROM START SUPPORT
VY = -39.04 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 558 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	1708.59 (Sq. mm)	460.01 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	401.80 (Sq. mm)
BOTTOM REINF.	153.10 (Sq. mm)	0.00 (Sq. mm)	416.15 (Sq. mm)	1282.17 (Sq. mm)	1968.80 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	9-16í 2 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	7-16í 2 layer(s)	10-16í 2 layer(s)
SHEAR REINF.	2 legged 12í @ 270 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 230 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 300 mm c/c

B E A M N O. 559 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	334.97 (Sq. mm)	506.49 (Sq. mm)	652.35 (Sq. mm)	772.59 (Sq. mm)	880.47 (Sq. mm)
BOTTOM REINF.	1904.48 (Sq. mm)	2071.64 (Sq. mm)	2213.80 (Sq. mm)	2330.99 (Sq. mm)	2432.96 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	3-12í 1 layer(s)	5-12í 1 layer(s)	6-12í 1 layer(s)	7-12í 1 layer(s)	8-12í 2 layer(s)
BOTTOM REINF.	4-25í 1 layer(s)	5-25í 1 layer(s)	5-25í 1 layer(s)	5-25í 1 layer(s)	5-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 560 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	789.31 (Sq. mm)	122.34 (Sq. mm)	0.00 (Sq. mm)	286.62 (Sq. mm)	977.97 (Sq. mm)
BOTTOM REINF.	2312.41 (Sq. mm)	1679.48 (Sq. mm)	779.01 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-25í 1 layer(s)	3-25í 1 layer(s)	2-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)
BOTTOM REINF.	12-16í 2 layer(s)	9-16í 2 layer(s)	4-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 300 mm c/c	2 legged 10í @ 260 mm c/c	2 legged 10í @ 160 mm c/c	2 legged 10í @ 230 mm c/c	2 legged 10í @ 130 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 782.5 mm AWAY FROM END SUPPORT
VY = -264.23 MX = 0.00 LD= 3
Provide 2 Legged 12í @ 270 mm c/c

B E A M N O. 561 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	222.42 (Sq. mm)	852.25 (Sq. mm)
BOTTOM REINF.	625.89 (Sq. mm)	457.78 (Sq. mm)	198.90 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	11-10í 2 layer(s)
BOTTOM REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 255 mm c/c	2 legged 8í @ 275 mm c/c

B E A M N O. 562 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1600.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	371.56 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	212.13 (Sq. mm)	463.17 (Sq. mm)	718.85 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	6-10í 1 layer(s)	10-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 210 mm c/c	2 legged 8í @ 215 mm c/c	2 legged 8í @ 265 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 563 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	975.0 mm	1950.0 mm	2925.0 mm	3900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	835.98 (Sq. mm)
BOTTOM REINF.	607.43 (Sq. mm)	693.73 (Sq. mm)	476.53 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	975.0 mm	1950.0 mm	2925.0 mm	3900.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	11-10í 2 layer(s)
BOTTOM REINF.	8-10í 2 layer(s)	9-10í 2 layer(s)	7-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 265 mm c/c	2 legged 8í @ 245 mm c/c

B E A M N O. 564 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	715.76 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	206.39 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	10-10í 2 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 565 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	1189.30 (Sq. mm)	0.00 (Sq. mm)	41.56 (Sq. mm)	172.03 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	83.29 (Sq. mm)	217.53 (Sq. mm)	1131.91 (Sq. mm)	1251.36 (Sq. mm)	706.15 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	6-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	11-12í 2 layer(s)	12-12í 2 layer(s)	7-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 180 mm c/c	2 legged 8í @ 220 mm c/c	2 legged 8í @ 285 mm c/c	2 legged 8í @ 285 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 566 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	295.00 (Sq. mm)	977.30 (Sq. mm)
BOTTOM REINF.	759.12 (Sq. mm)	490.15 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	2-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)
BOTTOM REINF.	10-10í 2 layer(s)	7-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 567 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	360.93 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	464.63 (Sq. mm)	719.33 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	400.0 mm	800.0 mm	1200.0 mm	1600.0 mm
TOP REINF.	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	6-10í 1 layer(s)	10-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 200 mm c/c	2 legged 8í @ 215 mm c/c	2 legged 8í @ 245 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM START SUPPORT
VY = 150.31 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 245 mm c/c

B E A M N O. 568 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	745.42 (Sq. mm)	788.60 (Sq. mm)	789.58 (Sq. mm)	748.65 (Sq. mm)	667.26 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 569 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	360.08 (Sq. mm)
BOTTOM REINF.	687.38 (Sq. mm)	438.40 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	9-10í 2 layer(s)	6-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 300 mm c/c	2 legged 10í @ 270 mm c/c	2 legged 10í @ 210 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 275 mm c/c

B E A M N O. 570 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	354.42 (Sq. mm)	582.74 (Sq. mm)	837.53 (Sq. mm)	1126.93 (Sq. mm)	1459.91 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	4-12í 1 layer(s)	6-12í 1 layer(s)	8-12í 2 layer(s)	10-12í 2 layer(s)	13-12í 2 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 175 mm c/c	2 legged 12í @ 260 mm c/c	2 legged 12í @ 265 mm c/c	2 legged 12í @ 265 mm c/c	2 legged 12í @ 185 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 776.5 mm AWAY FROM END SUPPORT
VY = -410.19 MX = 0.00 LD= 3
Provide 2 Legged 12í @ 270 mm c/c

B E A M N O. 571 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	506.96 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	291.49 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	7-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 82.27 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM END SUPPORT
VY = -51.29 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 572 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	417.13 (Sq. mm)	321.68 (Sq. mm)	288.15 (Sq. mm)	301.26 (Sq. mm)	375.38 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 864.0 mm AWAY FROM START SUPPORT
VY = 21.43 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     573   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  2000.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      500.0 mm     1000.0 mm     1500.0 mm     2000.0 mm
--------------------------------------------------------------------------------
 TOP        2761.15       1985.05       1137.18        403.22          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM      1262.55        444.82          0.00          0.00        286.62
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      500.0 mm     1000.0 mm     1500.0 mm     2000.0 mm
--------------------------------------------------------------------------------
 TOP       9-20í         7-20í         4-20í         3-20í         2-20í
REINF.   2 layer(s)    2 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM    12-12í         4-12í         3-12í         3-12í         3-12í
REINF.   2 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged 12í  2 legged 12í  2 legged 12í  2 legged 12í  2 legged 12í
REINF.  @ 250 mm c/c  @ 260 mm c/c  @ 185 mm c/c  @ 125 mm c/c  @ 270 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   842.2 mm AWAY FROM START SUPPORT
  VY =   309.39 MX =     0.00 LD=    3
  Provide 2 Legged 10í  @ 185 mm c/c

================================================================================


================================================================================
              B E A M  N O.     574   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  3400.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	25.70 (Sq. mm)	513.00 (Sq. mm)	862.53 (Sq. mm)
BOTTOM REINF.	286.62 (Sq. mm)	802.20 (Sq. mm)	1593.03 (Sq. mm)	2049.62 (Sq. mm)	2379.01 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	7-10í 1 layer(s)	11-10í 2 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	4-16í 1 layer(s)	8-16í 2 layer(s)	11-16í 2 layer(s)	12-16í 2 layer(s)
SHEAR REINF.	2 legged 10í @ 270 mm c/c	2 legged 10í @ 250 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c

B E A M N O. 575 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	560.50 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	866.26 (Sq. mm)
BOTTOM REINF.	2099.09 (Sq. mm)	1501.20 (Sq. mm)	710.41 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	5-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	8-12í 2 layer(s)
BOTTOM REINF.	7-20í 2 layer(s)	5-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 195 mm c/c	2 legged 10í @ 210 mm c/c	2 legged 10í @ 215 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 785.6 mm AWAY FROM END SUPPORT
VY = -237.37 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 230 mm c/c

B E A M N O. 576 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

```
================================================================================
              B E A M  N O.     577   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  3400.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      850.0 mm     1700.0 mm     2550.0 mm     3400.0 mm
--------------------------------------------------------------------------------
 TOP         288.15          0.00          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00        288.15        310.41        341.41        288.15
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      850.0 mm     1700.0 mm     2550.0 mm     3400.0 mm
--------------------------------------------------------------------------------
 TOP       4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     4-10í         4-10í         4-10í         5-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   715.0 mm AWAY FROM START SUPPORT
  VY =    59.71 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     578   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  1400.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	509.62 (Sq. mm)
BOTTOM REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	7-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -124.63 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 579 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	338.02 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 60.68 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM END SUPPORT
VY = -68.11 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 580 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 8.38 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM END SUPPORT
VY = -19.06 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 581 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2000.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	500.0 mm	1000.0 mm	1500.0 mm	2000.0 mm
TOP REINF.	406.86 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	308.37 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	500.0 mm	1000.0 mm	1500.0 mm	2000.0 mm
TOP REINF.	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 91.34 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 582 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	475.02 (Sq. mm)
BOTTOM REINF.	447.58 (Sq. mm)	373.73 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	7-10í 1 layer(s)
BOTTOM REINF.	4-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -95.90 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 583 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 22.45 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -28.10 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     601   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  4200.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm     1050.0 mm     2100.0 mm     3150.0 mm     4200.0 mm
--------------------------------------------------------------------------------
 TOP         288.15          0.00          0.00        288.15        568.41
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00        288.15        288.15          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm     1050.0 mm     2100.0 mm     3150.0 mm     4200.0 mm
--------------------------------------------------------------------------------
 TOP       3-16í         2-16í         2-16í         3-16í         3-16í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   712.0 mm AWAY FROM START SUPPORT
  VY =    44.09 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

SHEAR DESIGN RESULTS AT   787.0 mm AWAY FROM END SUPPORT
  VY =   -93.04 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     602   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  3650.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	1445.39 (Sq. mm)	438.92 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	284.33 (Sq. mm)	655.25 (Sq. mm)	987.37 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	13-12í 2 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	4-16í 1 layer(s)	5-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 205 mm c/c	2 legged 8í @ 205 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 776.5 mm AWAY FROM START SUPPORT
VY = 187.64 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 200 mm c/c

==========

B E A M N O. 603 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	447.77 (Sq. mm)	1462.12 (Sq. mm)
BOTTOM REINF.	977.25 (Sq. mm)	646.01 (Sq. mm)	286.62 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)	13-12í 2 layer(s)
BOTTOM REINF.	3-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 205 mm c/c	2 legged 8í @ 200 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 776.5 mm AWAY FROM END SUPPORT
VY = -187.97 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 210 mm c/c

B E A M N O. 604 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	554.09 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	5-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 92.89 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 714.0 mm AWAY FROM END SUPPORT
VY = -44.16 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 605 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	274.43 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	336.05 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 544.0 mm AWAY FROM START SUPPORT
VY = 47.62 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

```
================================================================================
              B E A M  N O.     606   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  4200.0 mm      SIZE:   300.0 mm X  430.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm     1050.0 mm     2100.0 mm     3150.0 mm     4200.0 mm
--------------------------------------------------------------------------------
 TOP         332.35          0.00          0.00          0.00        273.13
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00        200.94        200.94        200.94          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm     1050.0 mm     2100.0 mm     3150.0 mm     4200.0 mm
--------------------------------------------------------------------------------
 TOP       3-12í         2-12í         2-12í         2-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     2-12í         3-12í         3-12í         3-12í         2-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   544.0 mm AWAY FROM END SUPPORT
  VY =   -50.84 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 295 mm c/c

================================================================================


================================================================================
              B E A M  N O.     607   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  3650.0 mm      SIZE:   300.0 mm X  430.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	1398.76 (Sq. mm)	455.41 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	39.44 (Sq. mm)
BOTTOM REINF.	316.89 (Sq. mm)	0.00 (Sq. mm)	199.92 (Sq. mm)	706.59 (Sq. mm)	1147.19 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	7-16í 2 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	4-16í 1 layer(s)	6-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 275 mm c/c	2 legged 8í @ 245 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 612.4 mm AWAY FROM START SUPPORT
VY = 134.17 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 225 mm c/c

==========

B E A M N O. 608 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3650.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	42.67 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	462.15 (Sq. mm)	1407.91 (Sq. mm)
BOTTOM REINF.	1150.27 (Sq. mm)	706.31 (Sq. mm)	199.92 (Sq. mm)	0.00 (Sq. mm)	326.49 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	5-12í 1 layer(s)	13-12í 2 layer(s)
BOTTOM REINF.	6-16í 1 layer(s)	4-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 240 mm c/c	2 legged 8í @ 270 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 606.5 mm AWAY FROM END SUPPORT
VY = -133.58 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 240 mm c/c

B E A M N O. 609 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	324.73 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = 37.57 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM END SUPPORT
VY = 2.06 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 610 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	235.24 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 510.0 mm AWAY FROM START SUPPORT
VY = 29.77 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 620.0 mm AWAY FROM END SUPPORT
VY = -38.79 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

```
================================================================================
              B E A M  N O.     611   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  3650.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      912.5 mm     1825.0 mm     2737.5 mm     3650.0 mm
--------------------------------------------------------------------------------
 TOP         835.55       288.15         0.00          0.00          0.00
REINF.      (Sq. mm)     (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00         0.00        285.60        431.52        613.14
REINF.      (Sq. mm)     (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      912.5 mm     1825.0 mm     2737.5 mm     3650.0 mm
--------------------------------------------------------------------------------
 TOP      11-10í         4-10í         4-10í         4-10í         4-10í
REINF.   2 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     2-20í         2-20í         3-20í         3-20í         3-20í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   780.9 mm AWAY FROM START SUPPORT
  VY =   123.64 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     612   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  3650.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	840.79 (Sq. mm)
BOTTOM REINF.	610.67 (Sq. mm)	428.57 (Sq. mm)	285.60 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	912.5 mm	1825.0 mm	2737.5 mm	3650.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	11-10í 2 layer(s)
BOTTOM REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 780.9 mm AWAY FROM END SUPPORT
VY = -124.98 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 613 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	719.64 (Sq. mm)	349.04 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	285.27 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	10-10í 2 layer(s)	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 280 mm c/c	2 legged 8í @ 280 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 612.5 mm AWAY FROM START SUPPORT
VY = 102.43 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 270 mm c/c

B E A M N O. 614 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	320.15 (Sq. mm)
BOTTOM REINF.	261.78 (Sq. mm)	310.97 (Sq. mm)	219.82 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 544.0 mm AWAY FROM END SUPPORT
VY = -74.69 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 615 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	246.22 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 510.0 mm AWAY FROM START SUPPORT
VY = 35.28 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 510.0 mm AWAY FROM END SUPPORT
VY = -2.93 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 616 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	204.34 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 509.0 mm AWAY FROM START SUPPORT
VY = 39.54 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 617 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1400.0 mm	2800.0 mm	4200.0 mm	5600.0 mm
TOP REINF.	1241.84 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	500.32 (Sq. mm)	783.55 (Sq. mm)	710.68 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1400.0 mm	2800.0 mm	4200.0 mm	5600.0 mm
TOP REINF.	11-12í 2 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	4-16í 1 layer(s)	4-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 779.2 mm AWAY FROM START SUPPORT
VY = 154.82 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 275 mm c/c

==========

B E A M N O. 618 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	503.12 (Sq. mm)
BOTTOM REINF.	672.32 (Sq. mm)	390.46 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	7-10í 1 layer(s)
BOTTOM REINF.	6-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 245 mm c/c	2 legged 8í @ 215 mm c/c	2 legged 8í @ 225 mm c/c

B E A M N O. 619 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	403.14 (Sq. mm)	613.68 (Sq. mm)	841.60 (Sq. mm)	1090.83 (Sq. mm)	1383.92 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	3-16í 1 layer(s)	4-16í 1 layer(s)	5-16í 1 layer(s)	6-16í 1 layer(s)	7-16í 2 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 300 mm c/c	2 legged 10í @ 200 mm c/c	2 legged 10í @ 205 mm c/c	2 legged 10í @ 210 mm c/c	2 legged 10í @ 210 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 782.4 mm AWAY FROM END SUPPORT
VY = -200.36 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 285 mm c/c

==========

B E A M N O. 620 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	532.21 (Sq. mm)	372.71 (Sq. mm)	232.40 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	7-10í 1 layer(s)	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 270 mm c/c	2 legged 8í @ 270 mm c/c	2 legged 8í @ 265 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 620.0 mm AWAY FROM START SUPPORT
VY = 94.56 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

==========

==========

B E A M N O. 621 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	202.84 (Sq. mm)
BOTTOM REINF.	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 544.0 mm AWAY FROM END SUPPORT
VY = -53.79 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

==========

B E A M N O. 622 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	262.35 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	314.08 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	332.84 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 623 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	332.92 (Sq. mm)	877.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	8-12í 2 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 624 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	368.86 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	354.18 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1050.0 mm	2100.0 mm	3150.0 mm	4200.0 mm
TOP REINF.	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 545.0 mm AWAY FROM START SUPPORT
VY = 49.09 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

==========

B E A M N O. 625 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	596.14 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	262.45 (Sq. mm)	497.10 (Sq. mm)	554.58 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)	5-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 626 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	575.0 mm	1150.0 mm	1725.0 mm	2300.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	551.59 (Sq. mm)	693.42 (Sq. mm)	767.06 (Sq. mm)	759.51 (Sq. mm)	679.79 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	575.0 mm	1150.0 mm	1725.0 mm	2300.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	5-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 285 mm c/c	2 legged 8í @ 285 mm c/c	2 legged 8í @ 285 mm c/c	2 legged 8í @ 285 mm c/c

B E A M N O. 627 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	741.31 (Sq. mm)	521.20 (Sq. mm)	319.70 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	350.0 mm	700.0 mm	1050.0 mm	1400.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	10-10í 2 layer(s)	7-10í 1 layer(s)	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

==========

==========

B E A M N O. 628 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	201.45 (Sq. mm)	201.45 (Sq. mm)	224.57 (Sq. mm)	357.23 (Sq. mm)	503.98 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)	7-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 629 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	279.33 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	347.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 545.0 mm AWAY FROM END SUPPORT
VY = -36.26 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

```
================================================================================
              B E A M  N O.     630   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  4200.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm     1050.0 mm     2100.0 mm     3150.0 mm     4200.0 mm
--------------------------------------------------------------------------------
 TOP         287.64          0.00          0.00        287.64        437.71
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00        288.15        288.15          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm     1050.0 mm     2100.0 mm     3150.0 mm     4200.0 mm
--------------------------------------------------------------------------------
 TOP       3-12í         3-12í         3-12í         3-12í         4-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   714.0 mm AWAY FROM START SUPPORT
  VY =    52.72 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

SHEAR DESIGN RESULTS AT   789.0 mm AWAY FROM END SUPPORT
  VY =   -81.74 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     631   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  3300.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	1881.61 (Sq. mm)	791.09 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	324.40 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	592.33 (Sq. mm)	1144.96 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	6-20í 2 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	6-16í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 160 mm c/c	2 legged 10í @ 270 mm c/c	2 legged 10í @ 240 mm c/c	2 legged 10í @ 300 mm c/c	2 legged 10í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 778.3 mm AWAY FROM START SUPPORT
VY = 228.31 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 170 mm c/c

==========

B E A M N O. 632 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	925.0 mm	1850.0 mm	2775.0 mm	3700.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	1150.18 (Sq. mm)	1115.60 (Sq. mm)	873.44 (Sq. mm)	443.83 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	925.0 mm	1850.0 mm	2775.0 mm	3700.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	6-16í 1 layer(s)	6-16í 1 layer(s)	5-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 240 mm c/c

B E A M N O. 633 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	286.62 (Sq. mm)	507.69 (Sq. mm)	907.32 (Sq. mm)	1385.76 (Sq. mm)	1850.04 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	291.14 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	300.0 mm	600.0 mm	900.0 mm	1200.0 mm
TOP REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	5-20í 1 layer(s)	6-20í 2 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 230 mm c/c	2 legged 12í @ 215 mm c/c	2 legged 12í @ 290 mm c/c	2 legged 12í @ 300 mm c/c	2 legged 12í @ 290 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 778.3 mm AWAY FROM END SUPPORT
VY = -268.07 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 210 mm c/c

```
================================================================================
              B E A M  N O.     634   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  3300.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      825.0 mm     1650.0 mm     2475.0 mm     3300.0 mm
--------------------------------------------------------------------------------
 TOP         345.51        288.15          0.00          0.00        288.15
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00          0.00        288.15        288.15          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      825.0 mm     1650.0 mm     2475.0 mm     3300.0 mm
--------------------------------------------------------------------------------
 TOP       5-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   790.0 mm AWAY FROM START SUPPORT
  VY =    57.87 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

SHEAR DESIGN RESULTS AT   715.0 mm AWAY FROM END SUPPORT
  VY =   -28.83 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     635   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  4800.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	467.21 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	356.11 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	6-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM START SUPPORT
VY = 71.60 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -104.43 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 636 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	359.79 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	381.07 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 83.94 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -88.29 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 637 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 10.62 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM END SUPPORT
VY = -25.21 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 638 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM START SUPPORT
VY = 14.43 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 619.0 mm AWAY FROM END SUPPORT
VY = 2.49 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 639 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	25.0 mm	50.0 mm	75.0 mm	100.0 mm
TOP REINF.	360.76 (Sq. mm)	339.52 (Sq. mm)	318.42 (Sq. mm)	297.46 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	25.0 mm	50.0 mm	75.0 mm	100.0 mm
TOP REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 290 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 180 mm c/c	2 legged 10í @ 180 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = -152.59 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 640 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1150.0 mm	2300.0 mm	3450.0 mm	4600.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	309.12 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	291.97 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1150.0 mm	2300.0 mm	3450.0 mm	4600.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM END SUPPORT
VY = -80.92 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 641 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 32.76 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -35.83 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     642   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  2200.0 mm      SIZE:   300.0 mm X  430.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      550.0 mm     1100.0 mm     1650.0 mm     2200.0 mm
--------------------------------------------------------------------------------
 TOP         201.45          0.00          0.00          0.00        201.45
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00        200.94        200.94        200.94          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      550.0 mm     1100.0 mm     1650.0 mm     2200.0 mm
--------------------------------------------------------------------------------
 TOP       3-12í         2-12í         2-12í         2-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     2-12í         3-12í         3-12í         3-12í         2-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c  @ 295 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   619.0 mm AWAY FROM START SUPPORT
  VY =    15.81 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 295 mm c/c

SHEAR DESIGN RESULTS AT   619.0 mm AWAY FROM END SUPPORT
  VY =   -30.09 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 295 mm c/c

================================================================================


================================================================================
              B E A M  N O.     643   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  4800.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	348.24 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM START SUPPORT
VY = 64.59 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 644 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	347.16 (Sq. mm)	464.30 (Sq. mm)	587.27 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM END SUPPORT
VY = -206.47 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 645 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 53.69 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM END SUPPORT
VY = -46.38 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 646 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM START SUPPORT
VY = 12.27 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 647 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	345.80 (Sq. mm)	410.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 864.0 mm AWAY FROM END SUPPORT
VY = -48.85 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 648 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	1961.97 (Sq. mm)	1702.91 (Sq. mm)	1391.63 (Sq. mm)	1061.96 (Sq. mm)	770.32 (Sq. mm)
BOTTOM REINF.	393.82 (Sq. mm)	128.11 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	4-25í 1 layer(s)	4-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
SHEAR REINF.	2 legged 12í @ 205 mm c/c	2 legged 12í @ 135 mm c/c	2 legged 12í @ 300 mm c/c	2 legged 12í @ 215 mm c/c	2 legged 12í @ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 857.5 mm AWAY FROM START SUPPORT
VY = -27.26 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 649 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4600.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1150.0 mm	2300.0 mm	3450.0 mm	4600.0 mm
TOP REINF.	783.06 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	284.33 (Sq. mm)	793.80 (Sq. mm)	1236.86 (Sq. mm)	1481.89 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1150.0 mm	2300.0 mm	3450.0 mm	4600.0 mm
TOP REINF.	10-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	2-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	4-20í 1 layer(s)	5-20í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 225 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 650 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	771.36 (Sq. mm)
BOTTOM REINF.	1379.98 (Sq. mm)	842.30 (Sq. mm)	347.23 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	10-10í 2 layer(s)
BOTTOM REINF.	7-16í 2 layer(s)	5-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 200 mm c/c	2 legged 8í @ 230 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 782.5 mm AWAY FROM END SUPPORT
VY = -174.16 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 200 mm c/c

B E A M N O. 651 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	199.92 (Sq. mm)	608.06 (Sq. mm)	1182.01 (Sq. mm)
BOTTOM REINF.	295.82 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	75.54 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	4-16í 1 layer(s)	6-16í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 652 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5500.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1375.0 mm	2750.0 mm	4125.0 mm	5500.0 mm
TOP REINF.	1074.87 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	374.20 (Sq. mm)	310.52 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1375.0 mm	2750.0 mm	4125.0 mm	5500.0 mm
TOP REINF.	14-10í 2 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 285 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

==========

==========

B E A M N O. 653 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 200.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	50.0 mm	100.0 mm	150.0 mm	200.0 mm
TOP REINF.	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	50.0 mm	100.0 mm	150.0 mm	200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

==========

==========

B E A M N O. 654 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	975.0 mm	1950.0 mm	2925.0 mm	3900.0 mm
TOP REINF.	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	281.73 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	201.45 (Sq. mm)	236.48 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	975.0 mm	1950.0 mm	2925.0 mm	3900.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

==========

==========

B E A M N O. 655 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 5400.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	653.48 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	199.92 (Sq. mm)	731.55 (Sq. mm)	723.96 (Sq. mm)	317.90 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1350.0 mm	2700.0 mm	4050.0 mm	5400.0 mm
TOP REINF.	6-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-16í 1 layer(s)	3-16í 1 layer(s)	4-16í 1 layer(s)	4-16í 1 layer(s)	3-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c	2 legged 8í @ 290 mm c/c

B E A M N O. 656 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	201.45 (Sq. mm)	503.22 (Sq. mm)	1085.17 (Sq. mm)
BOTTOM REINF.	373.16 (Sq. mm)	201.45 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	2.62 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	7-10í 1 layer(s)	14-10í 2 layer(s)
BOTTOM REINF.	5-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 285 mm c/c

B E A M N O. 657 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	342.85 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM START SUPPORT
VY = 63.79 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 658 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	363.57 (Sq. mm)	482.29 (Sq. mm)	606.98 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	175.0 mm	350.0 mm	525.0 mm	700.0 mm
TOP REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 785.0 mm AWAY FROM END SUPPORT
VY = -207.50 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 200 mm c/c

B E A M N O. 659 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 4100.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	335.12 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1025.0 mm	2050.0 mm	3075.0 mm	4100.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 60.37 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 864.0 mm AWAY FROM END SUPPORT
VY = -39.70 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 660 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	367.73 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 865.0 mm AWAY FROM START SUPPORT
VY = 30.85 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     661   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  2000.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      500.0 mm     1000.0 mm     1500.0 mm     2000.0 mm
--------------------------------------------------------------------------------
 TOP        1525.85        925.17        458.15        288.15          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00          0.00          0.00          0.00        288.15
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      500.0 mm     1000.0 mm     1500.0 mm     2000.0 mm
--------------------------------------------------------------------------------
 TOP       5-20í         3-20í         3-20í         3-20í         2-20í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 225 mm c/c  @ 215 mm c/c  @ 260 mm c/c  @ 300 mm c/c  @ 295 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   860.0 mm AWAY FROM START SUPPORT
  VY =   185.27 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 245 mm c/c

================================================================================


================================================================================
              B E A M  N O.     662   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  3400.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	286.62 (Sq. mm)	527.41 (Sq. mm)	835.00 (Sq. mm)	1032.88 (Sq. mm)	1143.02 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	5-16í 2 layer(s)	6-16í 2 layer(s)	6-16í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 663 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	286.62 (Sq. mm)	564.82 (Sq. mm)
BOTTOM REINF.	963.38 (Sq. mm)	623.57 (Sq. mm)	284.33 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)
BOTTOM REINF.	3-25í 1 layer(s)	3-25í 1 layer(s)	3-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM END SUPPORT
VY = -132.15 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 664 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	200.94 (Sq. mm)	200.94 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

```
================================================================================
              B E A M  N O.     665   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  4800.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm     1200.0 mm     2400.0 mm     3600.0 mm     4800.0 mm
--------------------------------------------------------------------------------
 TOP         288.15          0.00          0.00          0.00        493.37
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00        288.15        347.39        288.15          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm     1200.0 mm     2400.0 mm     3600.0 mm     4800.0 mm
--------------------------------------------------------------------------------
 TOP       4-10í         4-10í         4-10í         4-10í         7-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM    4-10í         4-10í         5-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   715.0 mm AWAY FROM START SUPPORT
  VY =    70.04 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

SHEAR DESIGN RESULTS AT   790.0 mm AWAY FROM END SUPPORT
  VY =  -105.98 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     666   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  4800.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	365.54 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	400.60 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1200.0 mm	2400.0 mm	3600.0 mm	4800.0 mm
TOP REINF.	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM START SUPPORT
VY = 83.31 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM END SUPPORT
VY = -88.92 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 667 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 430.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	201.45 (Sq. mm)	258.91 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 620.0 mm AWAY FROM START SUPPORT
VY = 5.86 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

SHEAR DESIGN RESULTS AT 620.0 mm AWAY FROM END SUPPORT
VY = -24.26 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 295 mm c/c

B E A M N O. 668 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2000.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	500.0 mm	1000.0 mm	1500.0 mm	2000.0 mm
TOP REINF.	577.27 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	286.62 (Sq. mm)	351.44 (Sq. mm)	575.55 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	500.0 mm	1000.0 mm	1500.0 mm	2000.0 mm
TOP REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 235 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM START SUPPORT
VY = 141.13 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 669 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3400.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	287.64 (Sq. mm)	670.16 (Sq. mm)
BOTTOM REINF.	644.77 (Sq. mm)	533.19 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	850.0 mm	1700.0 mm	2550.0 mm	3400.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	6-12í 1 layer(s)
BOTTOM REINF.	6-12í 1 layer(s)	5-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 275 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM END SUPPORT
VY = -132.12 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 265 mm c/c

B E A M N O. 670 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 790.0 mm AWAY FROM START SUPPORT
VY = 37.12 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -31.46 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     701   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  3300.0 mm      SIZE:   300.0 mm X  700.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      825.0 mm     1650.0 mm     2475.0 mm     3300.0 mm
--------------------------------------------------------------------------------
 TOP         339.15          0.00          0.00        339.15        339.15
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00        338.64        338.64          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      825.0 mm     1650.0 mm     2475.0 mm     3300.0 mm
--------------------------------------------------------------------------------
 TOP       3-12í         3-12í         3-12í         3-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     3-12í         3-12í         3-12í         3-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   814.0 mm AWAY FROM START SUPPORT
  VY =    13.25 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     702   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:   900.0 mm      SIZE:   300.0 mm X  700.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	339.15 (Sq. mm)	339.15 (Sq. mm)	433.86 (Sq. mm)	639.12 (Sq. mm)	860.56 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	6-10í 1 layer(s)	9-10í 2 layer(s)	11-10í 2 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 190 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 195 mm c/c	2 legged 10í @ 195 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 880.9 mm AWAY FROM END SUPPORT
VY = -218.72 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 295 mm c/c

==========

B E A M N O. 703 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	1246.31 (Sq. mm)	668.81 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)	638.28 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	4-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	6-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 200 mm c/c	2 legged 8í @ 205 mm c/c	2 legged 8í @ 230 mm c/c	2 legged 8í @ 200 mm c/c	2 legged 8í @ 255 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 885.0 mm AWAY FROM START SUPPORT
VY = 225.61 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 220 mm c/c

B E A M N O. 704 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	641.05 (Sq. mm)	719.91 (Sq. mm)	748.96 (Sq. mm)	717.50 (Sq. mm)	636.34 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	6-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	7-12í 2 layer(s)	6-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     705   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  2200.0 mm      SIZE:   300.0 mm X  700.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      550.0 mm     1100.0 mm     1650.0 mm     2200.0 mm
--------------------------------------------------------------------------------
 TOP           0.00          0.00        336.60        672.35       1250.97
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM       636.33        338.64          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      550.0 mm     1100.0 mm     1650.0 mm     2200.0 mm
--------------------------------------------------------------------------------
 TOP       2-20í         2-20í         3-20í         3-20í         4-20í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     6-12í         3-12í         3-12í         3-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 255 mm c/c  @ 200 mm c/c  @ 230 mm c/c  @ 205 mm c/c  @ 200 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   885.0 mm AWAY FROM END SUPPORT
  VY =  -227.41 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 215 mm c/c

================================================================================


================================================================================
              B E A M  N O.     706   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:   900.0 mm      SIZE:   300.0 mm X  700.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	850.45 (Sq. mm)	631.57 (Sq. mm)	428.61 (Sq. mm)	339.15 (Sq. mm)	339.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	11-10í 2 layer(s)	9-10í 2 layer(s)	6-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 200 mm c/c	2 legged 10í @ 195 mm c/c	2 legged 10í @ 190 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 880.9 mm AWAY FROM START SUPPORT
VY = -43.27 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 707 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 814.0 mm AWAY FROM END SUPPORT
VY = -13.12 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 708 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	604.09 (Sq. mm)	292.66 (Sq. mm)	259.62 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 709 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	259.62 (Sq. mm)	259.62 (Sq. mm)	360.05 (Sq. mm)	404.89 (Sq. mm)	395.64 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 2 layer(s)	4-12í 2 layer(s)	4-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 710 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	401.75 (Sq. mm)	489.67 (Sq. mm)	529.98 (Sq. mm)	499.59 (Sq. mm)	421.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	4-12í 2 layer(s)	5-12í 2 layer(s)	5-12í 2 layer(s)	5-12í 2 layer(s)	4-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 711 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	416.36 (Sq. mm)	427.73 (Sq. mm)	384.63 (Sq. mm)	262.63 (Sq. mm)	259.62 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	4-12í 2 layer(s)	4-12í 2 layer(s)	4-12í 2 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 712 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	258.84 (Sq. mm)	282.67 (Sq. mm)	599.32 (Sq. mm)
BOTTOM REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

B E A M N O. 713 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	570.55 (Sq. mm)	268.20 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 714 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	259.62 (Sq. mm)	259.62 (Sq. mm)	360.62 (Sq. mm)	400.25 (Sq. mm)	385.82 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 715 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	394.34 (Sq. mm)	482.97 (Sq. mm)	524.15 (Sq. mm)	494.76 (Sq. mm)	417.23 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	4-12í 2 layer(s)	5-12í 2 layer(s)	5-12í 2 layer(s)	5-12í 2 layer(s)	4-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 716 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	404.76 (Sq. mm)	436.69 (Sq. mm)	413.94 (Sq. mm)	310.79 (Sq. mm)	259.62 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	4-12í 2 layer(s)	4-12í 2 layer(s)	4-12í 2 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 717 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	258.84 (Sq. mm)	259.62 (Sq. mm)	563.53 (Sq. mm)
BOTTOM REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 718 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 230.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	162.27 (Sq. mm)	162.27 (Sq. mm)	162.27 (Sq. mm)	162.27 (Sq. mm)	208.23 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 529.0 mm AWAY FROM START SUPPORT
VY = 8.30 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 529.0 mm AWAY FROM END SUPPORT
VY = -22.28 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 719 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 780.0 mm AWAY FROM START SUPPORT
VY = 14.13 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 720 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 900.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	388.04 (Sq. mm)	540.14 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)	7-10í 2 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 285 mm c/c	2 legged 8í @ 275 mm c/c	2 legged 8í @ 270 mm c/c	2 legged 8í @ 270 mm c/c	2 legged 8í @ 280 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 882.9 mm AWAY FROM END SUPPORT
VY = -152.70 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 285 mm c/c

B E A M N O. 721 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	1306.57 (Sq. mm)	671.40 (Sq. mm)	339.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	339.15 (Sq. mm)	694.96 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	12-12í 2 layer(s)	6-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	9-10í 2 layer(s)
SHEAR REINF.	2 legged 10í @ 290 mm c/c	2 legged 10í @ 275 mm c/c	2 legged 10í @ 170 mm c/c	2 legged 10í @ 195 mm c/c	2 legged 10í @ 250 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 877.8 mm AWAY FROM START SUPPORT
VY = 238.30 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 255 mm c/c

B E A M N O. 722 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	686.36 (Sq. mm)	803.06 (Sq. mm)	844.92 (Sq. mm)	801.90 (Sq. mm)	684.11 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	7-12í 2 layer(s)	8-12í 2 layer(s)	8-12í 2 layer(s)	8-12í 2 layer(s)	7-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 723 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)	673.76 (Sq. mm)	1309.32 (Sq. mm)
BOTTOM REINF.	692.20 (Sq. mm)	339.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	6-12í 1 layer(s)	12-12í 2 layer(s)
BOTTOM REINF.	9-10í 2 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 250 mm c/c	2 legged 10í @ 195 mm c/c	2 legged 10í @ 170 mm c/c	2 legged 10í @ 275 mm c/c	2 legged 10í @ 290 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 877.8 mm AWAY FROM END SUPPORT
VY = -240.08 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 170 mm c/c

B E A M N O. 724 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 900.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	740.59 (Sq. mm)	517.39 (Sq. mm)	317.95 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	10-10í 2 layer(s)	7-10í 2 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 180 mm c/c	2 legged 10í @ 280 mm c/c	2 legged 10í @ 180 mm c/c	2 legged 10í @ 285 mm c/c	2 legged 10í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 877.5 mm AWAY FROM START SUPPORT
VY = -40.32 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 725 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 726 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)
BOTTOM REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 815.0 mm AWAY FROM END SUPPORT
VY = -65.56 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 727 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 230.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	251.67 (Sq. mm)	162.27 (Sq. mm)	162.27 (Sq. mm)	162.27 (Sq. mm)	162.27 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	4-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 530.0 mm AWAY FROM START SUPPORT
VY = 32.23 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 530.0 mm AWAY FROM END SUPPORT
VY = 2.15 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 728 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 780.0 mm AWAY FROM START SUPPORT
VY = 2.77 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 729 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 900.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

```
=========================================================================
              B E A M  N O.     730   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:   900.0 mm      SIZE:   300.0 mm X  700.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
-------------------------------------------------------------------------
SECTION      0.0 mm      225.0 mm      450.0 mm      675.0 mm      900.0 mm
-------------------------------------------------------------------------
 TOP           0.00        339.15        339.15        495.12        734.01
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM       338.64          0.00          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
-------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
-------------------------------------------------------------------------
SECTION      0.0 mm      225.0 mm      450.0 mm      675.0 mm      900.0 mm
-------------------------------------------------------------------------
 TOP       5-10í         5-10í         5-10í         7-10í        10-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    2 layer(s)

BOTTOM     3-12í         3-12í         3-12í         3-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged 10í  2 legged 10í  2 legged 10í  2 legged 10í  2 legged 10í
REINF.  @ 155 mm c/c  @ 245 mm c/c  @ 155 mm c/c  @ 160 mm c/c  @ 260 mm c/c
-------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
-------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   882.5 mm AWAY FROM END SUPPORT
  VY =  -246.70 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 155 mm c/c

=========================================================================


=========================================================================
              B E A M  N O.     731   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  2200.0 mm      SIZE:   300.0 mm X  700.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	1609.42 (Sq. mm)	910.56 (Sq. mm)	362.74 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	339.15 (Sq. mm)	517.44 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	9-16í 2 layer(s)	5-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	7-10í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 195 mm c/c	2 legged 10í @ 285 mm c/c	2 legged 10í @ 180 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 225 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 876.3 mm AWAY FROM START SUPPORT
VY = 244.58 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 270 mm c/c

==========

B E A M N O. 732 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	495.68 (Sq. mm)	691.51 (Sq. mm)	829.88 (Sq. mm)	886.05 (Sq. mm)	869.81 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	5-12í 2 layer(s)	7-12í 2 layer(s)	8-12í 2 layer(s)	8-12í 2 layer(s)	8-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 733 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)
BOTTOM REINF.	873.50 (Sq. mm)	606.12 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	8-12í 2 layer(s)	6-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 295 mm c/c	2 legged 8í @ 260 mm c/c

B E A M N O. 734 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 900.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	338.64 (Sq. mm)	460.76 (Sq. mm)	656.58 (Sq. mm)	874.80 (Sq. mm)	1119.76 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	3-12í 1 layer(s)	5-12í 1 layer(s)	6-12í 1 layer(s)	8-12í 2 layer(s)	10-12í 2 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 300 mm c/c	2 legged 10í @ 200 mm c/c	2 legged 10í @ 200 mm c/c	2 legged 10í @ 200 mm c/c	2 legged 10í @ 200 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 880.9 mm AWAY FROM END SUPPORT
VY = -212.40 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 285 mm c/c

==========

B E A M N O. 735 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	297.54 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 890.0 mm AWAY FROM START SUPPORT
VY = -33.13 MX = 0.00 LD= 3
Provide 2 Legged 10í @ 270 mm c/c

B E A M N O. 736 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	280.77 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 815.0 mm AWAY FROM END SUPPORT
VY = -44.22 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 737 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	461.49 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	6-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 738 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	283.62 (Sq. mm)	290.65 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 739 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	312.84 (Sq. mm)	426.84 (Sq. mm)	498.28 (Sq. mm)	501.34 (Sq. mm)	455.52 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	4-12í 2 layer(s)	5-12í 2 layer(s)	5-12í 2 layer(s)	5-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 740 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)
BOTTOM REINF.	451.88 (Sq. mm)	409.11 (Sq. mm)	311.63 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 741 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	259.62 (Sq. mm)	259.62 (Sq. mm)	259.62 (Sq. mm)	259.62 (Sq. mm)	410.20 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 742 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	606.17 (Sq. mm)	317.56 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 743 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	260.02 (Sq. mm)	288.58 (Sq. mm)	338.67 (Sq. mm)	335.84 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 744 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	355.47 (Sq. mm)	451.26 (Sq. mm)	502.68 (Sq. mm)	481.72 (Sq. mm)	412.58 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	4-12í 2 layer(s)	4-12í 2 layer(s)	5-12í 2 layer(s)	5-12í 2 layer(s)	4-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 745 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	401.19 (Sq. mm)	431.08 (Sq. mm)	406.36 (Sq. mm)	301.58 (Sq. mm)	259.62 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	4-12í 2 layer(s)	4-12í 2 layer(s)	4-12í 2 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 746 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	259.62 (Sq. mm)	316.38 (Sq. mm)	654.90 (Sq. mm)
BOTTOM REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	6-12í 2 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 747 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	339.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	339.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 814.0 mm AWAY FROM START SUPPORT
VY = 21.26 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 748 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 900.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	339.15 (Sq. mm)	339.15 (Sq. mm)	369.59 (Sq. mm)	543.84 (Sq. mm)	739.54 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	225.0 mm	450.0 mm	675.0 mm	900.0 mm
TOP REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	7-10í 1 layer(s)	10-10í 2 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 225 mm c/c	2 legged 8í @ 220 mm c/c	2 legged 8í @ 210 mm c/c	2 legged 8í @ 220 mm c/c	2 legged 8í @ 230 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 882.5 mm AWAY FROM END SUPPORT
VY = -193.66 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 225 mm c/c

B E A M N O. 749 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	1404.70 (Sq. mm)	763.76 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)	634.93 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	7-16í 2 layer(s)	4-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	6-12í 1 layer(s)
SHEAR REINF.	2 legged 10í @ 290 mm c/c	2 legged 10í @ 180 mm c/c	2 legged 10í @ 290 mm c/c	2 legged 10í @ 285 mm c/c	2 legged 10í @ 225 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 882.4 mm AWAY FROM START SUPPORT
VY = 239.56 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 180 mm c/c

B E A M N O. 750 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	616.56 (Sq. mm)	804.68 (Sq. mm)	945.51 (Sq. mm)	1025.68 (Sq. mm)	1053.97 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-16í 2 layer(s)	5-16í 2 layer(s)	5-16í 2 layer(s)	6-16í 2 layer(s)	6-16í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 751 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	381.85 (Sq. mm)	1017.82 (Sq. mm)
BOTTOM REINF.	1064.87 (Sq. mm)	587.71 (Sq. mm)	339.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	13-10í 2 layer(s)
BOTTOM REINF.	14-10í 2 layer(s)	8-10í 2 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 275 mm c/c	2 legged 8í @ 225 mm c/c	2 legged 8í @ 260 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 878.5 mm AWAY FROM END SUPPORT
VY = -189.97 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 220 mm c/c

==========

B E A M N O. 752 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	416.43 (Sq. mm)	338.64 (Sq. mm)	339.15 (Sq. mm)	339.15 (Sq. mm)	339.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM START SUPPORT
VY = 51.15 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 814.0 mm AWAY FROM END SUPPORT
VY = 6.52 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 753 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 814.0 mm AWAY FROM START SUPPORT
VY = 51.21 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 754 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	339.15 (Sq. mm)	346.08 (Sq. mm)
BOTTOM REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 890.0 mm AWAY FROM END SUPPORT
VY = -122.23 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 755 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM START SUPPORT
VY = 104.74 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 756 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)
BOTTOM REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM END SUPPORT
VY = -65.17 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 757 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 230.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	161.87 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)	207.68 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 639.0 mm AWAY FROM START SUPPORT
VY = 2.68 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 639.0 mm AWAY FROM END SUPPORT
VY = -25.28 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 758 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM START SUPPORT
VY = -7.31 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM END SUPPORT
VY = -2.19 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 759 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM START SUPPORT
VY = 97.32 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 760 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     761   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:   200.0 mm      SIZE:   300.0 mm X  700.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm       50.0 mm      100.0 mm      150.0 mm      200.0 mm
--------------------------------------------------------------------------------
 TOP         338.64        338.64        338.64        338.64        338.64
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00          0.00          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm       50.0 mm      100.0 mm      150.0 mm      200.0 mm
--------------------------------------------------------------------------------
 TOP       3-12í         3-12í         3-12í         3-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     3-12í         3-12í         3-12í         3-12í         3-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   889.0 mm AWAY FROM END SUPPORT
  VY =  -167.36 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     762   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  2900.0 mm      SIZE:   300.0 mm X  700.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM START SUPPORT
VY = 13.58 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 814.0 mm AWAY FROM END SUPPORT
VY = -19.04 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 763 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 230.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	169.84 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 639.0 mm AWAY FROM START SUPPORT
VY = 24.97 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 639.0 mm AWAY FROM END SUPPORT
VY = -13.40 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 764 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	863.52 (Sq. mm)	294.05 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	259.62 (Sq. mm)	484.70 (Sq. mm)	822.22 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	8-12í 2 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)	8-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 275 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 765 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	800.0 mm	1600.0 mm	2400.0 mm	3200.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	761.05 (Sq. mm)	899.30 (Sq. mm)	971.36 (Sq. mm)	935.75 (Sq. mm)	830.96 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	800.0 mm	1600.0 mm	2400.0 mm	3200.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	2-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 766 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)	494.59 (Sq. mm)
BOTTOM REINF.	891.64 (Sq. mm)	602.64 (Sq. mm)	290.62 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	7-10í 2 layer(s)
BOTTOM REINF.	8-12í 2 layer(s)	6-12í 2 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 767 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	260.98 (Sq. mm)	320.04 (Sq. mm)	382.39 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 768 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	568.66 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	259.62 (Sq. mm)	306.56 (Sq. mm)	559.93 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	5-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 769 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	537.32 (Sq. mm)	664.58 (Sq. mm)	738.47 (Sq. mm)	727.00 (Sq. mm)	658.47 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 770 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)	701.28 (Sq. mm)
BOTTOM REINF.	686.75 (Sq. mm)	413.87 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	9-10í 2 layer(s)
BOTTOM REINF.	9-10í 2 layer(s)	6-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 771 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	542.74 (Sq. mm)	437.70 (Sq. mm)	357.20 (Sq. mm)	314.01 (Sq. mm)	301.41 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	7-10í 2 layer(s)	6-10í 2 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 807.9 mm AWAY FROM START SUPPORT
VY = 36.51 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 772 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)	260.02 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 815.0 mm AWAY FROM END SUPPORT
VY = 50.24 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 773 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	605.00 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	310.98 (Sq. mm)	668.97 (Sq. mm)	1006.99 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	6-12í 2 layer(s)	9-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 774 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	800.0 mm	1600.0 mm	2400.0 mm	3200.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	990.17 (Sq. mm)	1147.44 (Sq. mm)	1222.84 (Sq. mm)	1179.73 (Sq. mm)	1060.40 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	800.0 mm	1600.0 mm	2400.0 mm	3200.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	4-20í 2 layer(s)	4-20í 2 layer(s)	4-20í 2 layer(s)	4-20í 2 layer(s)	4-20í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 775 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	333.24 (Sq. mm)
BOTTOM REINF.	1079.96 (Sq. mm)	770.93 (Sq. mm)	439.79 (Sq. mm)	259.62 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	10-12í 2 layer(s)	7-12í 2 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 776 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	260.02 (Sq. mm)	280.18 (Sq. mm)	496.15 (Sq. mm)	705.13 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	7-10í 2 layer(s)	9-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 777 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	674.16 (Sq. mm)	796.19 (Sq. mm)	864.31 (Sq. mm)	841.65 (Sq. mm)	758.44 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	3-20í 2 layer(s)	3-20í 2 layer(s)	3-20í 2 layer(s)	3-20í 2 layer(s)	3-20í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 778 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)	502.92 (Sq. mm)
BOTTOM REINF.	772.32 (Sq. mm)	519.44 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	7-10í 2 layer(s)
BOTTOM REINF.	10-10í 2 layer(s)	7-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 779 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	605.00 (Sq. mm)	258.06 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	307.36 (Sq. mm)	662.92 (Sq. mm)	997.83 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)
BOTTOM REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	4-16í 1 layer(s)	5-16í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 780 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	800.0 mm	1600.0 mm	2400.0 mm	3200.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	977.93 (Sq. mm)	1143.05 (Sq. mm)	1227.31 (Sq. mm)	1193.01 (Sq. mm)	1081.58 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	800.0 mm	1600.0 mm	2400.0 mm	3200.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	4-20í 2 layer(s)	4-20í 2 layer(s)	4-20í 2 layer(s)	4-20í 2 layer(s)	4-20í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 781 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	309.51 (Sq. mm)
BOTTOM REINF.	1104.00 (Sq. mm)	793.67 (Sq. mm)	461.29 (Sq. mm)	259.62 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	10-12í 2 layer(s)	8-12í 2 layer(s)	5-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 295 mm c/c

B E A M N O. 782 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	260.02 (Sq. mm)	273.21 (Sq. mm)	416.96 (Sq. mm)	545.49 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	6-10í 2 layer(s)	7-10í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 783 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	555.20 (Sq. mm)	686.35 (Sq. mm)	766.30 (Sq. mm)	760.30 (Sq. mm)	696.37 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 784 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	260.02 (Sq. mm)	509.06 (Sq. mm)
BOTTOM REINF.	687.76 (Sq. mm)	458.62 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	7-10í 2 layer(s)
BOTTOM REINF.	9-10í 2 layer(s)	6-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 785 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 230.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	676.96 (Sq. mm)	306.40 (Sq. mm)	162.27 (Sq. mm)	162.27 (Sq. mm)	258.64 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	6-12í 2 layer(s)	3-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 559.5 mm AWAY FROM START SUPPORT
VY = 63.13 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 786 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	855.94 (Sq. mm)	294.30 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	259.62 (Sq. mm)	470.74 (Sq. mm)	794.92 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	8-12í 2 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	3-16í 1 layer(s)	4-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 280 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 787 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3200.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	800.0 mm	1600.0 mm	2400.0 mm	3200.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	733.17 (Sq. mm)	872.77 (Sq. mm)	946.90 (Sq. mm)	914.33 (Sq. mm)	812.94 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	800.0 mm	1600.0 mm	2400.0 mm	3200.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	2-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)	2-25í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 788 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	347.08 (Sq. mm)
BOTTOM REINF.	862.71 (Sq. mm)	620.86 (Sq. mm)	347.53 (Sq. mm)	259.62 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	8-12í 2 layer(s)	6-12í 2 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 789 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	556.86 (Sq. mm)	259.62 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	259.62 (Sq. mm)	367.13 (Sq. mm)	654.68 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	5-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)	6-12í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 290 mm c/c	2 legged 8í @ 270 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 814.0 mm AWAY FROM START SUPPORT
VY = 152.41 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 290 mm c/c

B E A M N O. 790 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	605.51 (Sq. mm)	721.51 (Sq. mm)	780.72 (Sq. mm)	754.90 (Sq. mm)	671.90 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)	4-10í 2 layer(s)
BOTTOM REINF.	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)	4-16í 2 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

==========

B E A M N O. 791 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 230.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	259.62 (Sq. mm)	444.58 (Sq. mm)
BOTTOM REINF.	699.54 (Sq. mm)	484.21 (Sq. mm)	260.02 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	4-12í 1 layer(s)
BOTTOM REINF.	9-10í 2 layer(s)	7-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM END SUPPORT
VY = -120.18 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

==========

B E A M N O. 792 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3300.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	825.0 mm	1650.0 mm	2475.0 mm	3300.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 814.0 mm AWAY FROM START SUPPORT
VY = 50.00 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 793 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1500.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	339.15 (Sq. mm)	372.22 (Sq. mm)
BOTTOM REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	375.0 mm	750.0 mm	1125.0 mm	1500.0 mm
TOP REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 890.0 mm AWAY FROM END SUPPORT
VY = -125.58 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 794 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM START SUPPORT
VY = 104.34 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 795 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3100.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)
BOTTOM REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	775.0 mm	1550.0 mm	2325.0 mm	3100.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM END SUPPORT
VY = -72.84 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 796 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM START SUPPORT
VY = 24.00 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM END SUPPORT
VY = -28.17 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 797 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	339.15 (Sq. mm)	339.15 (Sq. mm)	342.84 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)	5-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM START SUPPORT
VY = 86.92 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 798 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	339.15 (Sq. mm)
BOTTOM REINF.	393.83 (Sq. mm)	344.86 (Sq. mm)	337.62 (Sq. mm)	337.62 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)	3-16í 1 layer(s)	2-16í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

B E A M N O. 799 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 200.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	50.0 mm	100.0 mm	150.0 mm	200.0 mm
TOP REINF.	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	50.0 mm	100.0 mm	150.0 mm	200.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 230 mm c/c	2 legged 8í @ 230 mm c/c	2 legged 8í @ 230 mm c/c	2 legged 8í @ 225 mm c/c	2 legged 8í @ 225 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM END SUPPORT
VY = -204.46 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 800 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2900.0 mm SIZE: 300.0 mm X 700.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	338.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	338.64 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	338.64 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	725.0 mm	1450.0 mm	2175.0 mm	2900.0 mm
TOP REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 889.0 mm AWAY FROM START SUPPORT
VY = 12.37 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 814.0 mm AWAY FROM END SUPPORT
VY = -20.26 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 801 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 230.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)
BOTTOM REINF.	161.87 (Sq. mm)	161.87 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 529.0 mm AWAY FROM START SUPPORT
VY = -5.86 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 529.0 mm AWAY FROM END SUPPORT
VY = -20.57 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 802 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2400.0 mm SIZE: 230.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	161.87 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)	192.24 (Sq. mm)	310.94 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	600.0 mm	1200.0 mm	1800.0 mm	2400.0 mm
TOP REINF.	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	3-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 530.0 mm AWAY FROM START SUPPORT
VY = -0.69 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 640.0 mm AWAY FROM END SUPPORT
VY = -27.15 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 803 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 7300.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	1825.0 mm	3650.0 mm	5475.0 mm	7300.0 mm
TOP REINF.	823.04 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	1136.99 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	356.03 (Sq. mm)	771.82 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	1825.0 mm	3650.0 mm	5475.0 mm	7300.0 mm
TOP REINF.	5-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	2-16í 1 layer(s)	6-16í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	5-10í 1 layer(s)	10-10í 2 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 275 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 195 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM START SUPPORT
VY = 163.63 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 235 mm c/c

SHEAR DESIGN RESULTS AT 787.0 mm AWAY FROM END SUPPORT
VY = -172.73 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 220 mm c/c

B E A M N O. 804 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1700.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	637.93 (Sq. mm)	370.37 (Sq. mm)	287.64 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	425.0 mm	850.0 mm	1275.0 mm	1700.0 mm
TOP REINF.	6-12í 1 layer(s)	4-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)	3-12í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 789.0 mm AWAY FROM START SUPPORT
VY = 109.31 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 805 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -35.88 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 806 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 1800.0 mm SIZE: 230.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	0.00 (Sq. mm)	162.27 (Sq. mm)	162.27 (Sq. mm)	162.27 (Sq. mm)	162.27 (Sq. mm)
BOTTOM REINF.	161.87 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	450.0 mm	900.0 mm	1350.0 mm	1800.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 529.0 mm AWAY FROM START SUPPORT
VY = -5.56 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 529.0 mm AWAY FROM END SUPPORT
VY = -20.26 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     807   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  2400.0 mm      SIZE:   230.0 mm X  450.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      600.0 mm     1200.0 mm     1800.0 mm     2400.0 mm
--------------------------------------------------------------------------------
 TOP         203.42        161.87        161.87        161.87        161.87
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM         0.00          0.00          0.00          0.00          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      600.0 mm     1200.0 mm     1800.0 mm     2400.0 mm
--------------------------------------------------------------------------------
 TOP       2-12í         2-12í         2-12í         2-12í         2-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     2-12í         2-12í         2-12í         2-12í         2-12í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   529.0 mm AWAY FROM START SUPPORT
  VY =    18.72 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


================================================================================
              B E A M  N O.     808   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)               Fe500 (Sec.)

    LENGTH:  8200.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm
```

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	2050.0 mm	4100.0 mm	6150.0 mm	8200.0 mm
TOP REINF.	1021.59 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	1487.63 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	509.49 (Sq. mm)	1068.96 (Sq. mm)	358.98 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	2050.0 mm	4100.0 mm	6150.0 mm	8200.0 mm
TOP REINF.	4-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	2-20í 1 layer(s)	5-20í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	7-10í 1 layer(s)	14-10í 2 layer(s)	5-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 230 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 180 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 785.0 mm AWAY FROM START SUPPORT
VY = 187.86 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 210 mm c/c

SHEAR DESIGN RESULTS AT 785.0 mm AWAY FROM END SUPPORT
VY = -201.14 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 205 mm c/c

B E A M N O. 809 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	622.74 (Sq. mm)	505.64 (Sq. mm)	398.46 (Sq. mm)	299.45 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)	3-20í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 785.0 mm AWAY FROM START SUPPORT
VY = -23.30 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 810 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2500.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	625.0 mm	1250.0 mm	1875.0 mm	2500.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -8.03 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 811 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 230.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	162.27 (Sq. mm)
BOTTOM REINF.	161.87 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 639.0 mm AWAY FROM START SUPPORT
VY = 6.49 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 639.0 mm AWAY FROM END SUPPORT
VY = -11.35 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 812 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 230.0 mm X 450.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	161.87 (Sq. mm)
BOTTOM REINF.	161.87 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)	161.87 (Sq. mm)	0.00 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
BOTTOM REINF.	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)	2-12í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 639.0 mm AWAY FROM START SUPPORT
VY = 8.12 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT 639.0 mm AWAY FROM END SUPPORT
VY = -13.83 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 813 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 2200.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	550.0 mm	1100.0 mm	1650.0 mm	2200.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM START SUPPORT
VY = 51.12 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

==========

B E A M N O. 814 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 800.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	200.0 mm	400.0 mm	600.0 mm	800.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 715.0 mm AWAY FROM END SUPPORT
VY = -40.91 MX = 0.00 LD= 3
Provide 2 Legged 8í @ 300 mm c/c

B E A M N O. 815 D E S I G N R E S U L T S

M25 Fe500 (Main) Fe500 (Sec.)

LENGTH: 3000.0 mm SIZE: 300.0 mm X 600.0 mm COVER: 30.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	288.15 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)	0.00 (Sq. mm)
BOTTOM REINF.	0.00 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)	288.15 (Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
BOTTOM REINF.	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)	4-10í 1 layer(s)
SHEAR REINF.	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c	2 legged 8í @ 300 mm c/c

```
================================================================================
              B E A M  N O.     816   D E S I G N  R E S U L T S

      M25                    Fe500 (Main)              Fe500 (Sec.)

    LENGTH:  3000.0 mm      SIZE:   300.0 mm X  600.0 mm   COVER: 30.0 mm


                      SUMMARY OF REINF. AREA (Sq.mm)
--------------------------------------------------------------------------------
SECTION      0.0 mm      750.0 mm     1500.0 mm     2250.0 mm     3000.0 mm
--------------------------------------------------------------------------------
 TOP           0.00          0.00          0.00          0.00        288.15
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)

BOTTOM       288.15        288.15        288.15        288.15          0.00
REINF.      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)      (Sq. mm)
--------------------------------------------------------------------------------


                      SUMMARY OF PROVIDED REINF. AREA
--------------------------------------------------------------------------------
SECTION      0.0 mm      750.0 mm     1500.0 mm     2250.0 mm     3000.0 mm
--------------------------------------------------------------------------------
 TOP       4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

BOTTOM     4-10í         4-10í         4-10í         4-10í         4-10í
REINF.   1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)    1 layer(s)

SHEAR   2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í  2 legged  8í
REINF.  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c  @ 300 mm c/c
--------------------------------------------------------------------------------


SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT
--------------------------------------------------------------------------------

SHEAR DESIGN RESULTS AT   790.0 mm AWAY FROM START SUPPORT
  VY =    22.14 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

SHEAR DESIGN RESULTS AT   790.0 mm AWAY FROM END SUPPORT
  VY =   -27.05 MX =     0.00 LD=    3
  Provide 2 Legged  8í  @ 300 mm c/c

================================================================================


********************END OF BEAM DESIGN RESULTS********************


378. END CONCRETE DESIGN
379. UNIT METER MTON
380. PRINT SUPPORT REACTION
```

SUPPORT REACTIONS -UNIT MTON METE STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
1	3	0.12	73.32	0.24	-0.77	0.00	0.60
2	3	2.69	255.71	2.71	1.12	0.01	-1.40
3	3	-2.95	255.18	2.35	0.24	0.08	1.94
4	3	-0.16	73.08	0.18	-0.90	0.01	-0.52
5	3	0.73	160.76	-1.05	-1.40	0.01	0.17
6	3	-0.75	160.95	-1.29	-1.87	0.01	-0.15
7	3	4.33	237.05	-2.80	-2.27	0.01	-2.81
8	3	-4.28	238.64	-3.06	-2.78	0.06	2.71
9	3	0.10	84.07	-0.94	-1.29	0.00	0.50
10	3	0.01	78.15	0.01	-1.13	-0.01	-0.44
11	3	3.87	230.57	-0.80	-1.03	0.01	-2.48
12	3	-3.09	285.64	-0.04	-0.56	0.00	6.44
13	3	-0.33	125.42	-1.36	-2.99	0.01	-4.46
14	3	0.17	63.44	-0.30	0.29	0.00	0.43
15	3	0.09	82.06	-0.30	0.46	-0.01	-0.37
16	3	5.98	380.78	10.48	6.84	0.06	-3.65
17	3	-6.50	413.26	11.01	7.93	-0.06	7.81
18	3	-0.63	134.33	0.63	1.07	0.00	-2.05
19	3	0.83	101.09	0.42	-0.68	0.01	-0.98
20	3	1.77	129.95	-1.30	-0.89	-0.01	0.52
21	3	-1.12	129.57	-1.76	-1.28	-0.01	-1.83
22	3	0.17	55.65	-0.22	0.00	-0.01	0.51
23	3	4.10	311.00	-5.78	-0.53	0.00	-1.92
24	3	-5.02	309.60	-6.71	-2.41	0.05	2.47
25	3	-0.13	44.74	-0.32	-0.17	0.01	-0.29

********** END OF LATEST ANALYSIS RESULT **********

381. UNIT METER KG
382. LOAD LIST 32
383. PRINT SUPPORT REACTION

SUPPORT REACTIONS -UNIT KG METE STRUCTURE TYPE = SPACE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
1	32	-732.77	44636.89	142.09	-549.40	-17.11	1366.76
2	32	-1263.80	170794.70	1814.26	735.07	-16.86	5358.00
3	32	-5013.08	169866.75	1579.98	265.94	16.23	7565.39
4	32	-576.17	53021.39	151.02	-537.10	-2.38	614.68
5	32	-849.29	104585.32	-752.34	-1047.33	4.65	1597.81
6	32	-1116.08	109743.73	-766.80	-1052.46	-6.46	1298.32
7	32	493.41	156387.98	-1914.04	-1577.36	71.76	3178.60
8	32	-5222.70	161151.00	-1946.99	-1716.32	5.66	6822.18
9	32	-740.73	51963.16	-701.92	-982.76	-5.75	1032.76
10	32	-591.00	49773.89	-4.17	-784.57	-14.58	704.93
11	32	-778.15	156116.81	-506.01	-669.94	-59.05	5374.23
12	32	-5173.40	190438.81	-171.50	-440.77	-48.42	11031.82
13	32	-816.36	86631.04	-780.67	-1766.23	-2.86	-1568.65
14	32	-460.86	38566.27	-243.37	99.93	-8.02	984.97
15	32	-527.78	54742.72	-213.91	275.05	-15.59	746.72
16	32	795.41	255904.25	7008.13	4571.71	-60.89	4516.82
17	32	-7612.36	275773.16	7167.53	5217.08	-99.79	12233.96
18	32	-1108.57	94027.05	577.68	971.73	-19.20	164.50
19	32	-502.36	64682.27	209.55	-587.47	-23.91	839.60
20	32	-65.13	84780.13	-942.30	-731.89	11.59	2000.36
21	32	-1424.79	88859.59	-1055.56	-628.67	-5.01	370.18
22	32	-663.43	33337.68	-173.90	-47.56	0.35	1511.62
23	32	-302.79	208994.94	-3881.53	-388.19	-6.44	4753.09
24	32	-6478.29	202894.67	-4425.98	-1507.24	24.84	7775.99
25	32	-686.06	35000.37	-169.23	-39.83	8.43	1004.18

********** END OF LATEST ANALYSIS RESULT **********

384. PERFORM ANALYSIS PRINT ALL

** ALL CASES BEING MADE ACTIVE BEFORE RE-ANALYSIS. **

LOADING 1 LOADTYPE SEISMIC TITLE SEISMIC X

LOADING 2 LOADTYPE SEISMIC TITLE SEISMIC Z

LOADING 5 LOADTYPE DEAD TITLE DEAD LOAD

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
301	-1250.0000 GY	0.00	4.20				
302	-1250.0000 GY	0.00	3.65				
303	-1250.0000 GY	0.00	3.65				
304	-1250.0000 GY	0.00	4.20				
307	-1250.0000 GY	0.00	4.20				
308	-1250.0000 GY	0.00	4.20				
313	-1250.0000 GY	0.00	1.80				
314	-1250.0000 GY	0.00	2.40				
315	-1250.0000 GY	0.00	3.65				
316	-1250.0000 GY	0.00	3.65				
317	-1250.0000 GY	0.00	1.70				
318	-1250.0000 GY	0.00	2.50				
319	-1250.0000 GY	0.00	1.80				
320	-1250.0000 GY	0.00	2.40				
321	-1250.0000 GY	0.00	5.60				
322	-1250.0000 GY	0.00	1.70				
323	-1250.0000 GY	0.00	0.90				
324	-1250.0000 GY	0.00	0.80				
325	-1250.0000 GY	0.00	2.50				
332	-1250.0000 GY	0.00	1.40				
333	-1250.0000 GY	0.00	1.20				
334	-1250.0000 GY	0.00	3.30				
335	-1250.0000 GY	0.00	4.20				
336	-1250.0000 GY	0.00	3.30				
337	-1250.0000 GY	0.00	3.70				
338	-1250.0000 GY	0.00	1.20				
339	-1250.0000 GY	0.00	3.30				
340	-1250.0000 GY	0.00	3.40				
341	-1250.0000 GY	0.00	1.40				
342	-1250.0000 GY	0.00	4.80				
343	-1250.0000 GY	0.00	2.20				
344	-1250.0000 GY	0.00	1.50				
346	-1250.0000 GY	0.00	3.10				
347	-1250.0000 GY	0.00	1.50				
348	-1250.0000 GY	0.00	2.90				
349	-1250.0000 GY	0.00	2.20				
350	-1250.0000 GY	0.00	1.60				
351	-1250.0000 GY	0.00	1.80				

352	-1250.0000	GY	0.00	1.40
353	-1250.0000	GY	0.00	0.70
354	-1250.0000	GY	0.00	4.10
357	-1250.0000	GY	0.00	0.80
358	-1250.0000	GY	0.00	3.10
359	-1250.0000	GY	0.00	1.50
360	-1250.0000	GY	0.00	2.90
361	-1250.0000	GY	0.00	2.90
362	-1250.0000	GY	0.00	1.60
363	-1250.0000	GY	0.00	3.90
364	-1250.0000	GY	0.00	4.10
365	-1250.0000	GY	0.00	5.40
366	-1250.0000	GY	0.00	2.90
367	-1250.0000	GY	0.00	1.60
368	-1250.0000	GY	0.00	1.80
369	-1250.0000	GY	0.00	1.40
370	-1250.0000	GY	0.00	0.70
371	-1250.0000	GY	0.00	4.10
373	-1250.0000	GY	0.00	2.00
374	-1250.0000	GY	0.00	3.40
375	-1250.0000	GY	0.00	2.90
377	-1250.0000	GY	0.00	3.40
378	-1250.0000	GY	0.00	1.40
379	-1250.0000	GY	0.00	4.80
381	-1250.0000	GY	0.00	2.00
382	-1250.0000	GY	0.00	3.40
383	-1250.0000	GY	0.00	2.90
401	-1250.0000	GY	0.00	4.20
402	-1250.0000	GY	0.00	3.65
403	-1250.0000	GY	0.00	3.65
404	-1250.0000	GY	0.00	4.20
407	-1250.0000	GY	0.00	4.20
408	-1250.0000	GY	0.00	4.20
413	-1250.0000	GY	0.00	1.80
414	-1250.0000	GY	0.00	2.40
415	-1250.0000	GY	0.00	3.65
416	-1250.0000	GY	0.00	3.65
417	-1250.0000	GY	0.00	1.70
418	-1250.0000	GY	0.00	2.50
419	-1250.0000	GY	0.00	1.80
420	-1250.0000	GY	0.00	2.40
421	-1250.0000	GY	0.00	5.60
422	-1250.0000	GY	0.00	1.70
423	-1250.0000	GY	0.00	0.90
424	-1250.0000	GY	0.00	0.80
425	-1250.0000	GY	0.00	2.50
432	-1250.0000	GY	0.00	1.40
433	-1250.0000	GY	0.00	1.20
434	-1250.0000	GY	0.00	3.30
435	-1250.0000	GY	0.00	4.20
436	-1250.0000	GY	0.00	3.30
437	-1250.0000	GY	0.00	3.70
438	-1250.0000	GY	0.00	1.20
439	-1250.0000	GY	0.00	3.30
440	-1250.0000	GY	0.00	3.40
441	-1250.0000	GY	0.00	1.40

442	-1250.0000 GY	0.00	4.80
443	-1250.0000 GY	0.00	2.20
444	-1250.0000 GY	0.00	1.50
446	-1250.0000 GY	0.00	3.10
447	-1250.0000 GY	0.00	1.50
448	-1250.0000 GY	0.00	2.90
449	-1250.0000 GY	0.00	2.20
450	-1250.0000 GY	0.00	1.60
451	-1250.0000 GY	0.00	1.80
452	-1250.0000 GY	0.00	1.40
453	-1250.0000 GY	0.00	0.70
454	-1250.0000 GY	0.00	4.10
457	-1250.0000 GY	0.00	0.80
458	-1250.0000 GY	0.00	3.10
459	-1250.0000 GY	0.00	1.50
460	-1250.0000 GY	0.00	2.90
461	-1250.0000 GY	0.00	2.90
462	-1250.0000 GY	0.00	1.60
463	-1250.0000 GY	0.00	3.90
464	-1250.0000 GY	0.00	4.10
465	-1250.0000 GY	0.00	5.40
466	-1250.0000 GY	0.00	2.90
467	-1250.0000 GY	0.00	1.60
468	-1250.0000 GY	0.00	1.80
469	-1250.0000 GY	0.00	1.40
470	-1250.0000 GY	0.00	0.70
471	-1250.0000 GY	0.00	4.10
473	-1250.0000 GY	0.00	2.00
474	-1250.0000 GY	0.00	3.40
475	-1250.0000 GY	0.00	2.90
477	-1250.0000 GY	0.00	3.40
478	-1250.0000 GY	0.00	1.40
479	-1250.0000 GY	0.00	4.80
481	-1250.0000 GY	0.00	2.00
482	-1250.0000 GY	0.00	3.40
483	-1250.0000 GY	0.00	2.90
501	-1250.0000 GY	0.00	4.20
502	-1250.0000 GY	0.00	3.65
503	-1250.0000 GY	0.00	3.65
504	-1250.0000 GY	0.00	4.20
507	-1250.0000 GY	0.00	4.20
508	-1250.0000 GY	0.00	4.20
513	-1250.0000 GY	0.00	1.80
514	-1250.0000 GY	0.00	2.40
515	-1250.0000 GY	0.00	3.65
516	-1250.0000 GY	0.00	3.65
517	-1250.0000 GY	0.00	1.70
518	-1250.0000 GY	0.00	2.50
519	-1250.0000 GY	0.00	1.80
520	-1250.0000 GY	0.00	2.40
521	-1250.0000 GY	0.00	5.60
522	-1250.0000 GY	0.00	1.70
523	-1250.0000 GY	0.00	0.90
524	-1250.0000 GY	0.00	0.80
525	-1250.0000 GY	0.00	2.50
532	-1250.0000 GY	0.00	1.40

533	-1250.0000	GY	0.00	1.20
534	-1250.0000	GY	0.00	3.30
535	-1250.0000	GY	0.00	4.20
536	-1250.0000	GY	0.00	3.30
537	-1250.0000	GY	0.00	3.70
538	-1250.0000	GY	0.00	1.20
539	-1250.0000	GY	0.00	3.30
540	-1250.0000	GY	0.00	3.40
541	-1250.0000	GY	0.00	1.40
542	-1250.0000	GY	0.00	4.80
543	-1250.0000	GY	0.00	2.20
544	-1250.0000	GY	0.00	1.50
546	-1250.0000	GY	0.00	3.10
547	-1250.0000	GY	0.00	1.50
548	-1250.0000	GY	0.00	2.90
549	-1250.0000	GY	0.00	2.20
550	-1250.0000	GY	0.00	1.60
551	-1250.0000	GY	0.00	1.80
552	-1250.0000	GY	0.00	1.40
553	-1250.0000	GY	0.00	0.70
554	-1250.0000	GY	0.00	4.10
557	-1250.0000	GY	0.00	0.80
558	-1250.0000	GY	0.00	3.10
559	-1250.0000	GY	0.00	1.50
560	-1250.0000	GY	0.00	2.90
561	-1250.0000	GY	0.00	2.90
562	-1250.0000	GY	0.00	1.60
563	-1250.0000	GY	0.00	3.90
564	-1250.0000	GY	0.00	4.10
565	-1250.0000	GY	0.00	5.40
566	-1250.0000	GY	0.00	2.90
567	-1250.0000	GY	0.00	1.60
568	-1250.0000	GY	0.00	1.80
569	-1250.0000	GY	0.00	1.40
570	-1250.0000	GY	0.00	0.70
571	-1250.0000	GY	0.00	4.10
573	-1250.0000	GY	0.00	2.00
574	-1250.0000	GY	0.00	3.40
575	-1250.0000	GY	0.00	2.90
577	-1250.0000	GY	0.00	3.40
578	-1250.0000	GY	0.00	1.40
579	-1250.0000	GY	0.00	4.80
581	-1250.0000	GY	0.00	2.00
582	-1250.0000	GY	0.00	3.40
583	-1250.0000	GY	0.00	2.90
305	-740.0001	GY	0.00	3.65
306	-740.0001	GY	0.00	3.65
309	-740.0001	GY	0.00	4.20
310	-740.0001	GY	0.00	4.20
326	-740.0001	GY	0.00	4.20
327	-740.0001	GY	0.00	3.30
328	-740.0001	GY	0.00	4.20
329	-740.0001	GY	0.00	4.20
330	-740.0001	GY	0.00	3.30
331	-740.0001	GY	0.00	2.30
405	-740.0001	GY	0.00	3.65

406	-740.0001	GY	0.00	3.65
409	-740.0001	GY	0.00	4.20
410	-740.0001	GY	0.00	4.20
426	-740.0001	GY	0.00	4.20
427	-740.0001	GY	0.00	3.30
428	-740.0001	GY	0.00	4.20
429	-740.0001	GY	0.00	4.20
430	-740.0001	GY	0.00	3.30
431	-740.0001	GY	0.00	2.30
505	-740.0001	GY	0.00	3.65
506	-740.0001	GY	0.00	3.65
509	-740.0001	GY	0.00	4.20
510	-740.0001	GY	0.00	4.20
526	-740.0001	GY	0.00	4.20
527	-740.0001	GY	0.00	3.30
528	-740.0001	GY	0.00	4.20
529	-740.0001	GY	0.00	4.20
530	-740.0001	GY	0.00	3.30
531	-740.0001	GY	0.00	2.30
207	-1250.0000	GY	0.00	1.80
210	-1250.0000	GY	0.00	1.70
211	-1250.0000	GY	0.00	2.50
212	-1250.0000	GY	0.00	1.80
215	-1250.0000	GY	0.00	0.80
216	-1250.0000	GY	0.00	2.50
225	-1250.0000	GY	0.00	2.20
229	-1250.0000	GY	0.00	2.20
242	-1250.0000	GY	0.00	3.00
245	-1250.0000	GY	0.00	3.00
601	-2000.0000	GY	0.00	4.20
602	-2000.0000	GY	0.00	3.65
603	-2000.0000	GY	0.00	3.65
604	-2000.0000	GY	0.00	4.20
630	-2000.0000	GY	0.00	4.20
631	-2000.0000	GY	0.00	3.30
632	-2000.0000	GY	0.00	3.70
633	-2000.0000	GY	0.00	1.20
634	-2000.0000	GY	0.00	3.30
635	-2000.0000	GY	0.00	4.80
636	-2000.0000	GY	0.00	4.80
638	-2000.0000	GY	0.00	1.50
640	-2000.0000	GY	0.00	4.60
641	-2000.0000	GY	0.00	2.90
665	-2000.0000	GY	0.00	4.80
666	-2000.0000	GY	0.00	4.80
668	-2000.0000	GY	0.00	2.00
669	-2000.0000	GY	0.00	3.40
670	-2000.0000	GY	0.00	2.90
609	-1650.0001	GY	0.00	1.80
610	-1650.0001	GY	0.00	2.40
613	-1650.0001	GY	0.00	1.70
614	-1650.0001	GY	0.00	2.50
615	-1650.0001	GY	0.00	1.80
620	-1650.0001	GY	0.00	0.80
621	-1650.0001	GY	0.00	2.50
637	-1650.0001	GY	0.00	2.20

642	-1650.0001	GY	0.00	2.20
616	-1000.0000	GY	0.00	2.40
622	-1000.0000	GY	0.00	4.20
623	-1000.0000	GY	0.00	3.30
647	-1000.0000	GY	0.00	0.80
648	-1000.0000	GY	0.00	0.80
661	-1000.0000	GY	0.00	2.00
718	-1200.0000	GY	0.00	1.80
724	-1200.0000	GY	0.00	0.90
725	-1200.0000	GY	0.00	0.80
726	-1200.0000	GY	0.00	2.50
727	-1200.0000	GY	0.00	1.80
734	-1200.0000	GY	0.00	0.90
735	-1200.0000	GY	0.00	0.80
736	-1200.0000	GY	0.00	2.50
757	-1200.0000	GY	0.00	2.20
763	-1200.0000	GY	0.00	2.20
785	-1200.0000	GY	0.00	3.00
796	-1200.0000	GY	0.00	3.00
701	-460.0000	GY	0.00	3.30
702	-460.0000	GY	0.00	0.90
703	-460.0000	GY	0.00	2.20
704	-460.0000	GY	0.00	2.90
705	-460.0000	GY	0.00	2.20
706	-460.0000	GY	0.00	0.90
707	-460.0000	GY	0.00	3.30
747	-460.0000	GY	0.00	3.30
748	-460.0000	GY	0.00	0.90
749	-460.0000	GY	0.00	2.20
750	-460.0000	GY	0.00	2.90
751	-460.0000	GY	0.00	3.10
752	-460.0000	GY	0.00	3.30
753	-460.0000	GY	0.00	3.30
754	-460.0000	GY	0.00	1.50
755	-460.0000	GY	0.00	1.70
756	-460.0000	GY	0.00	3.10
758	-460.0000	GY	0.00	1.50
759	-460.0000	GY	0.00	1.50
760	-460.0000	GY	0.00	3.00
761	-460.0000	GY	0.00	0.20
762	-460.0000	GY	0.00	2.90
792	-460.0000	GY	0.00	3.30
793	-460.0000	GY	0.00	1.50
794	-460.0000	GY	0.00	1.70
795	-460.0000	GY	0.00	3.10
797	-460.0000	GY	0.00	2.20
798	-460.0000	GY	0.00	3.00
799	-460.0000	GY	0.00	0.20
800	-460.0000	GY	0.00	2.90
801	-460.0000	GY	0.00	1.80
802	-460.0000	GY	0.00	2.40
803	-460.0000	GY	0.00	7.30
804	-460.0000	GY	0.00	1.70
805	-460.0000	GY	0.00	2.50
806	-460.0000	GY	0.00	1.80
807	-460.0000	GY	0.00	2.40

808	-460.0000 GY	0.00	8.20
809	-460.0000 GY	0.00	0.80
810	-460.0000 GY	0.00	2.50
811	-460.0000 GY	0.00	2.20
814	-460.0000 GY	0.00	0.80
816	-460.0000 GY	0.00	3.00

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
301				-9.5957 GY	0.14		
301				-28.7871 GY	0.33		
301				-47.9785 GY	0.54		
301				-67.1699 GY	0.75		
301				-86.3613 GY	0.96		
301				-105.5527 GY	1.17		
301				-124.7441 GY	1.38		
301				-143.9355 GY	1.60		
301	-722.5000 GY	1.70	2.50				
301				-143.9356 GY	2.60		
301				-124.7442 GY	2.82		
301				-105.5527 GY	3.03		
301				-86.3613 GY	3.24		
301				-67.1699 GY	3.45		
301				-47.9785 GY	3.66		
301				-28.7871 GY	3.87		
301				-9.5957 GY	4.06		
350				-8.5000 GY	0.13		
350				-25.5000 GY	0.31		
350				-42.5000 GY	0.51		
350				-59.5000 GY	0.70		
350				-76.5000 GY	0.90		
350				-93.5000 GY	1.10		
350				-110.5000 GY	1.30		
350				-127.5000 GY	1.50		
351				-8.5332 GY	0.01		
351				-8.5996 GY	0.02		
351				-8.6660 GY	0.03		
351				-8.7324 GY	0.04		
351				-8.7988 GY	0.06		
351				-8.8652 GY	0.07		
351				-8.9316 GY	0.08		
351				-8.9980 GY	0.09		
351				-143.9356 GY	0.20		
351				-124.7442 GY	0.42		
351				-105.5527 GY	0.63		
351				-86.3613 GY	0.84		
351				-67.1699 GY	1.05		
351				-47.9785 GY	1.26		
351				-28.7871 GY	1.47		
351				-9.5957 GY	1.66		
307				-9.5957 GY	0.14		
307				-28.7871 GY	0.33		
307				-47.9785 GY	0.54		

307			-67.1699	GY	0.75
307			-86.3613	GY	0.96
307			-105.5527	GY	1.17
307			-124.7441	GY	1.38
307			-143.9355	GY	1.60
307	-722.5000	GY 1.70	2.50		
307			-143.9356	GY	2.60
307			-124.7442	GY	2.82
307			-105.5527	GY	3.03
307			-86.3613	GY	3.24
307			-67.1699	GY	3.45
307			-47.9785	GY	3.66
307			-28.7871	GY	3.87
307			-9.5957	GY	4.06
340			-9.5957	GY	0.14
340			-28.7871	GY	0.33
340			-47.9785	GY	0.54
340			-67.1699	GY	0.75
340			-86.3613	GY	0.96
340			-105.5527	GY	1.17
340			-124.7441	GY	1.38
340			-143.9355	GY	1.60
340			-143.9355	GY	1.80
340			-124.7441	GY	2.02
340			-105.5527	GY	2.23
340			-86.3613	GY	2.44
340			-67.1699	GY	2.65
340			-47.9785	GY	2.86
340			-28.7871	GY	3.07
340			-9.5957	GY	3.26
302			-2.1250	GY	0.07
302			-6.3750	GY	0.16
302			-10.6250	GY	0.25
302			-14.8750	GY	0.35
302			-19.1250	GY	0.45
302			-23.3750	GY	0.55
302			-27.6250	GY	0.65
302			-31.8750	GY	0.75
302	-340.0000	GY 0.80	2.85		
302			-31.8750	GY	2.90
302			-27.6250	GY	3.00
302			-23.3750	GY	3.10
302			-19.1250	GY	3.20
302			-14.8750	GY	3.30
302			-10.6250	GY	3.40
302			-6.3750	GY	3.49
302			-2.1250	GY	3.58
362			-2.1250	GY	0.07
362			-6.3750	GY	0.16
362			-10.6250	GY	0.25
362			-14.8750	GY	0.35
362			-19.1250	GY	0.45
362			-23.3750	GY	0.55
362			-27.6250	GY	0.65
362			-31.8750	GY	0.75
362			-31.8750	GY	0.85

```
362                          -27.6250 GY   0.95
362                          -23.3750 GY   1.05
362                          -19.1250 GY   1.15
362                          -14.8750 GY   1.25
362                          -10.6250 GY   1.35
362                           -6.3750 GY   1.44
362                           -2.1250 GY   1.53
305                           -2.1250 GY   0.07
305                           -6.3750 GY   0.16
305                          -10.6250 GY   0.25
305                          -14.8750 GY   0.35
305                          -19.1250 GY   0.45
305                          -23.3750 GY   0.55
305                          -27.6250 GY   0.65
305                          -31.8750 GY   0.75
305  -340.0000 GY   0.80    2.85
305                          -31.8750 GY   2.90
305                          -27.6250 GY   3.00
305                          -23.3750 GY   3.10
305                          -19.1250 GY   3.20
305                          -14.8750 GY   3.30
305                          -10.6250 GY   3.40
305                           -6.3750 GY   3.49
305                           -2.1250 GY   3.58
350                           -2.1250 GY   0.07
350                           -6.3750 GY   0.16
350                          -10.6250 GY   0.25
350                          -14.8750 GY   0.35
350                          -19.1250 GY   0.45
350                          -23.3750 GY   0.55
350                          -27.6250 GY   0.65
350                          -31.8750 GY   0.75
350                          -31.8750 GY   0.85
350                          -27.6250 GY   0.95
350                          -23.3750 GY   1.05
350                          -19.1250 GY   1.15
350                          -14.8750 GY   1.25
350                          -10.6250 GY   1.35
350                           -6.3750 GY   1.44
350                           -2.1250 GY   1.53
303                           -2.1250 GY   0.07
303                           -6.3750 GY   0.16
303                          -10.6250 GY   0.25
303                          -14.8750 GY   0.35
303                          -19.1250 GY   0.45
303                          -23.3750 GY   0.55
303                          -27.6250 GY   0.65
303                          -31.8750 GY   0.75
303  -340.0001 GY   0.80    2.85
303                          -31.8750 GY   2.90
303                          -27.6250 GY   3.00
303                          -23.3750 GY   3.10
303                          -19.1250 GY   3.20
303                          -14.8750 GY   3.30
303                          -10.6250 GY   3.40
303                           -6.3750 GY   3.49
```

303 -2.1250 GY 3.58
367 -2.1250 GY 0.07
367 -6.3750 GY 0.16
367 -10.6250 GY 0.25
367 -14.8750 GY 0.35
367 -19.1250 GY 0.45
367 -23.3750 GY 0.55
367 -27.6250 GY 0.65
367 -31.8750 GY 0.75
367 -31.8750 GY 0.85
367 -27.6250 GY 0.95
367 -23.3750 GY 1.05
367 -19.1250 GY 1.15
367 -14.8750 GY 1.25
367 -10.6250 GY 1.35
367 -6.3750 GY 1.44
367 -2.1250 GY 1.53
306 -2.1250 GY 0.07
306 -6.3750 GY 0.16
306 -10.6250 GY 0.25
306 -14.8750 GY 0.35
306 -19.1250 GY 0.45
306 -23.3750 GY 0.55
306 -27.6250 GY 0.65
306 -31.8750 GY 0.75
306 -340.0000 GY 0.80 2.85
306 -31.8750 GY 2.90
306 -27.6250 GY 3.00
306 -23.3750 GY 3.10
306 -19.1250 GY 3.20
306 -14.8750 GY 3.30
306 -10.6250 GY 3.40
306 -6.3750 GY 3.49
306 -2.1250 GY 3.58
362 -2.1250 GY 0.07
362 -6.3750 GY 0.16
362 -10.6250 GY 0.25
362 -14.8750 GY 0.35
362 -19.1250 GY 0.45
362 -23.3750 GY 0.55
362 -27.6250 GY 0.65
362 -31.8750 GY 0.75
362 -31.8750 GY 0.85
362 -27.6250 GY 0.95
362 -23.3750 GY 1.05
362 -19.1250 GY 1.15
362 -14.8750 GY 1.25
362 -10.6250 GY 1.35
362 -6.3750 GY 1.44
362 -2.1250 GY 1.53
304 -9.5957 GY 0.14
304 -28.7871 GY 0.33
304 -47.9785 GY 0.54
304 -67.1699 GY 0.75
304 -86.3613 GY 0.96
304 -105.5527 GY 1.17

```
304                          -124.7441 GY   1.38
304                          -143.9355 GY   1.60
304  -722.4998 GY   1.70    2.50
304                          -143.9355 GY   2.60
304                          -124.7441 GY   2.82
304                          -105.5527 GY   3.03
304                           -86.3613 GY   3.24
304                           -67.1699 GY   3.45
304                           -47.9785 GY   3.66
304                           -28.7871 GY   3.87
304                            -9.5957 GY   4.06
377                            -9.5957 GY   0.14
377                           -28.7871 GY   0.33
377                           -47.9785 GY   0.54
377                           -67.1699 GY   0.75
377                           -86.3613 GY   0.96
377                          -105.5527 GY   1.17
377                          -124.7441 GY   1.38
377                          -143.9355 GY   1.60
377                          -143.9355 GY   1.80
377                          -124.7441 GY   2.02
377                          -105.5527 GY   2.23
377                           -86.3613 GY   2.44
377                           -67.1699 GY   2.65
377                           -47.9785 GY   2.86
377                           -28.7871 GY   3.07
377                            -9.5957 GY   3.26
308                            -9.5957 GY   0.14
308                           -28.7871 GY   0.33
308                           -47.9785 GY   0.54
308                           -67.1700 GY   0.75
308                           -86.3614 GY   0.96
308                          -105.5528 GY   1.17
308                          -124.7442 GY   1.38
308                          -143.9357 GY   1.60
308  -722.5002 GY   1.70    2.50
308                          -143.9356 GY   2.60
308                          -124.7441 GY   2.82
308                          -105.5527 GY   3.03
308                           -86.3613 GY   3.24
308                           -67.1699 GY   3.45
308                           -47.9785 GY   3.66
308                           -28.7871 GY   3.87
308                            -9.5957 GY   4.06
368                            -8.5332 GY   0.01
368                            -8.5996 GY   0.02
368                            -8.6660 GY   0.03
368                            -8.7324 GY   0.04
368                            -8.7988 GY   0.06
368                            -8.8652 GY   0.07
368                            -8.9316 GY   0.08
368                            -8.9980 GY   0.09
368                          -143.9357 GY   0.20
368                          -124.7442 GY   0.42
368                          -105.5528 GY   0.63
368                           -86.3614 GY   0.84
```

368			-67.1700	GY	1.05
368			-47.9786	GY	1.26
368			-28.7871	GY	1.47
368			-9.5957	GY	1.66
367			-8.5000	GY	0.13
367			-25.5000	GY	0.31
367			-42.5000	GY	0.51
367			-59.5001	GY	0.70
367			-76.5001	GY	0.90
367			-93.5001	GY	1.10
367			-110.5001	GY	1.30
367			-127.5001	GY	1.50
305			-11.0587	GY	0.15
305			-33.1761	GY	0.35
305			-55.2936	GY	0.58
305			-77.4110	GY	0.80
305			-99.5284	GY	1.03
305			-121.6459	GY	1.26
305			-143.7633	GY	1.49
305			-165.8807	GY	1.71
305			-165.8807	GY	1.94
305			-143.7633	GY	2.16
305			-121.6459	GY	2.39
305			-99.5284	GY	2.62
305			-77.4110	GY	2.85
305			-55.2936	GY	3.07
305			-33.1761	GY	3.30
305			-11.0587	GY	3.50
363			-11.0587	GY	0.15
363			-33.1761	GY	0.35
363			-55.2936	GY	0.58
363			-77.4110	GY	0.80
363			-99.5284	GY	1.03
363			-121.6459	GY	1.26
363			-143.7633	GY	1.49
363			-165.8807	GY	1.71
363	-775.6249	GY 1.83	2.08		
363			-165.8807	GY	2.19
363			-143.7633	GY	2.41
363			-121.6459	GY	2.64
363			-99.5284	GY	2.87
363			-77.4110	GY	3.10
363			-55.2936	GY	3.32
363			-33.1761	GY	3.55
363			-11.0587	GY	3.75
311			-11.0587	GY	0.15
311			-33.1761	GY	0.35
311			-55.2936	GY	0.58
311			-77.4110	GY	0.80
311			-99.5284	GY	1.03
311			-121.6459	GY	1.26
311			-143.7633	GY	1.49
311			-165.8807	GY	1.71
311			-165.8807	GY	1.94
311			-143.7633	GY	2.16
311			-121.6459	GY	2.39

311			-99.5284	GY	2.62
311			-77.4110	GY	2.85
311			-55.2936	GY	3.07
311			-33.1761	GY	3.30
311			-11.0587	GY	3.50
353			-24.4043	GY	0.04
353			-21.1504	GY	0.13
353			-17.8965	GY	0.22
353			-14.6426	GY	0.30
353			-11.3887	GY	0.39
353			-8.1348	GY	0.48
353			-4.8809	GY	0.56
353			-1.6270	GY	0.64
352			-2.3927	GY	0.00
352			-2.3969	GY	0.00
352			-2.4010	GY	0.01
352			-2.4052	GY	0.01
352			-2.4093	GY	0.01
352			-2.4135	GY	0.02
352			-2.4176	GY	0.02
352			-2.4218	GY	0.02
352	-775.6249	GY 0.03	0.28		
352			-104.8700	GY	0.34
352			-96.4654	GY	0.48
352			-88.0609	GY	0.63
352			-79.6564	GY	0.77
352			-71.2518	GY	0.91
352			-62.8473	GY	1.05
352			-54.4427	GY	1.19
352			-46.0382	GY	1.33
351			-10.7578	GY	0.15
351			-32.2734	GY	0.35
351			-53.7891	GY	0.57
351			-75.3047	GY	0.79
351			-96.8203	GY	1.02
351			-118.3359	GY	1.24
351			-139.8516	GY	1.47
351			-161.3672	GY	1.69
306			-11.0587	GY	0.15
306			-33.1762	GY	0.35
306			-55.2936	GY	0.58
306			-77.4110	GY	0.80
306			-99.5285	GY	1.03
306			-121.6459	GY	1.26
306			-143.7633	GY	1.49
306			-165.8808	GY	1.71
306			-165.8807	GY	1.94
306			-143.7633	GY	2.16
306			-121.6459	GY	2.39
306			-99.5284	GY	2.62
306			-77.4110	GY	2.85
306			-55.2936	GY	3.07
306			-33.1761	GY	3.30
306			-11.0587	GY	3.50
368			-10.7578	GY	0.15
368			-32.2734	GY	0.35

368			-53.7891	GY	0.57
368			-75.3047	GY	0.79
368			-96.8203	GY	1.02
368			-118.3360	GY	1.24
368			-139.8516	GY	1.47
368			-161.3672	GY	1.69
369			-2.3927	GY	0.00
369			-2.3968	GY	0.00
369			-2.4010	GY	0.01
369			-2.4051	GY	0.01
369			-2.4093	GY	0.01
369			-2.4134	GY	0.02
369			-2.4176	GY	0.02
369			-2.4217	GY	0.02
369	-775.6249	GY 0.02	0.27		
369			-104.8700	GY	0.34
369			-96.4655	GY	0.48
369			-88.0609	GY	0.63
369			-79.6564	GY	0.77
369			-71.2518	GY	0.91
369			-62.8473	GY	1.05
369			-54.4427	GY	1.19
369			-46.0382	GY	1.33
370			-24.4043	GY	0.04
370			-21.1504	GY	0.13
370			-17.8965	GY	0.22
370			-14.6426	GY	0.30
370			-11.3887	GY	0.39
370			-8.1348	GY	0.48
370			-4.8809	GY	0.56
370			-1.6270	GY	0.64
312			-11.0587	GY	0.15
312			-33.1762	GY	0.35
312			-55.2936	GY	0.58
312			-77.4110	GY	0.80
312			-99.5285	GY	1.03
312			-121.6459	GY	1.26
312			-143.7634	GY	1.49
312			-165.8808	GY	1.71
312			-165.8808	GY	1.94
312			-143.7633	GY	2.16
312			-121.6459	GY	2.39
312			-99.5285	GY	2.62
312			-77.4110	GY	2.85
312			-55.2936	GY	3.07
312			-33.1762	GY	3.30
312			-11.0587	GY	3.50
363			-11.0587	GY	0.15
363			-33.1761	GY	0.35
363			-55.2936	GY	0.58
363			-77.4110	GY	0.80
363			-99.5284	GY	1.03
363			-121.6459	GY	1.26
363			-143.7633	GY	1.49
363			-165.8807	GY	1.71
363	-775.6252	GY 1.82	2.07		

363			-165.8808	GY	2.19
363			-143.7634	GY	2.41
363			-121.6459	GY	2.64
363			-99.5285	GY	2.87
363			-77.4110	GY	3.10
363			-55.2936	GY	3.32
363			-33.1762	GY	3.55
363			-11.0587	GY	3.75
307			-1.6270	GY	0.06
307			-4.8809	GY	0.14
307			-8.1348	GY	0.22
307			-11.3887	GY	0.31
307			-14.6426	GY	0.40
307			-17.8965	GY	0.48
307			-21.1504	GY	0.57
307			-24.4043	GY	0.66
307	-297.5001	GY 0.70	3.50		
307			-24.4043	GY	3.54
307			-21.1504	GY	3.63
307			-17.8965	GY	3.72
307			-14.6426	GY	3.80
307			-11.3887	GY	3.89
307			-8.1348	GY	3.98
307			-4.8809	GY	4.06
307			-1.6270	GY	4.14
352			-1.6270	GY	0.06
352			-4.8809	GY	0.14
352			-8.1348	GY	0.22
352			-11.3887	GY	0.31
352			-14.6426	GY	0.40
352			-17.8965	GY	0.48
352			-21.1504	GY	0.57
352			-24.4043	GY	0.66
352			-24.4043	GY	0.74
352			-21.1504	GY	0.83
352			-17.8965	GY	0.92
352			-14.6426	GY	1.00
352			-11.3887	GY	1.09
352			-8.1348	GY	1.18
352			-4.8809	GY	1.26
352			-1.6270	GY	1.34
309			-1.6270	GY	0.06
309			-4.8809	GY	0.14
309			-8.1348	GY	0.22
309			-11.3887	GY	0.31
309			-14.6426	GY	0.40
309			-17.8965	GY	0.48
309			-21.1504	GY	0.57
309			-24.4043	GY	0.66
309	-297.4999	GY 0.70	3.50		
309			-24.4043	GY	3.54
309			-21.1504	GY	3.63
309			-17.8965	GY	3.72
309			-14.6426	GY	3.80
309			-11.3887	GY	3.89
309			-8.1348	GY	3.98

309			-4.8809 GY	4.06	
309			-1.6270 GY	4.14	
341			-1.6270 GY	0.06	
341			-4.8809 GY	0.14	
341			-8.1348 GY	0.22	
341			-11.3887 GY	0.31	
341			-14.6426 GY	0.40	
341			-17.8965 GY	0.48	
341			-21.1504 GY	0.57	
341			-24.4043 GY	0.66	
341			-24.4043 GY	0.74	
341			-21.1504 GY	0.83	
341			-17.8965 GY	0.92	
341			-14.6426 GY	1.00	
341			-11.3887 GY	1.09	
341			-8.1348 GY	1.18	
341			-4.8809 GY	1.26	
341			-1.6270 GY	1.34	
308			-1.6270 GY	0.06	
308			-4.8809 GY	0.14	
308			-8.1348 GY	0.22	
308			-11.3887 GY	0.31	
308			-14.6426 GY	0.40	
308			-17.8965 GY	0.48	
308			-21.1504 GY	0.57	
308			-24.4043 GY	0.66	
308	-297.4999 GY	0.70	3.50		
308			-24.4043 GY	3.54	
308			-21.1504 GY	3.63	
308			-17.8965 GY	3.72	
308			-14.6426 GY	3.80	
308			-11.3887 GY	3.89	
308			-8.1348 GY	3.98	
308			-4.8809 GY	4.06	
308			-1.6270 GY	4.14	
378			-1.6270 GY	0.06	
378			-4.8809 GY	0.14	
378			-8.1348 GY	0.22	
378			-11.3887 GY	0.31	
378			-14.6426 GY	0.40	
378			-17.8965 GY	0.48	
378			-21.1504 GY	0.57	
378			-24.4043 GY	0.66	
378			-24.4043 GY	0.74	
378			-21.1504 GY	0.83	
378			-17.8965 GY	0.92	
378			-14.6426 GY	1.00	
378			-11.3887 GY	1.09	
378			-8.1348 GY	1.18	
378			-4.8809 GY	1.26	
378			-1.6270 GY	1.34	
310			-1.6270 GY	0.06	
310			-4.8809 GY	0.14	
310			-8.1348 GY	0.22	
310			-11.3887 GY	0.31	
310			-14.6426 GY	0.40	

310			-17.8965	GY	0.48
310			-21.1504	GY	0.57
310			-24.4043	GY	0.66
310	-297.5001	GY	0.70	3.50	
310			-24.4043	GY	3.54
310			-21.1504	GY	3.63
310			-17.8965	GY	3.72
310			-14.6426	GY	3.80
310			-11.3887	GY	3.89
310			-8.1348	GY	3.98
310			-4.8809	GY	4.06
310			-1.6270	GY	4.14
369			-1.6270	GY	0.06
369			-4.8809	GY	0.14
369			-8.1348	GY	0.22
369			-11.3887	GY	0.31
369			-14.6426	GY	0.40
369			-17.8965	GY	0.48
369			-21.1504	GY	0.57
369			-24.4043	GY	0.66
369			-24.4043	GY	0.74
369			-21.1504	GY	0.83
369			-17.8965	GY	0.92
369			-14.6426	GY	1.00
369			-11.3887	GY	1.09
369			-8.1348	GY	1.18
369			-4.8809	GY	1.26
369			-1.6270	GY	1.34
309			-14.6426	GY	0.18
309			-43.9277	GY	0.41
309			-73.2129	GY	0.67
309			-102.4980	GY	0.93
309			-131.7832	GY	1.19
309			-161.0684	GY	1.45
309			-190.3535	GY	1.71
309			-219.6387	GY	1.97
309			-219.6387	GY	2.23
309			-190.3535	GY	2.49
309			-161.0684	GY	2.75
309			-131.7832	GY	3.01
309			-102.4980	GY	3.28
309			-73.2129	GY	3.54
309			-43.9277	GY	3.79
309			-14.6426	GY	4.03
353			-1.6270	GY	0.06
353			-4.8809	GY	0.14
353			-8.1348	GY	0.22
353			-11.3887	GY	0.31
353			-14.6426	GY	0.40
353			-17.8965	GY	0.48
353			-21.1504	GY	0.57
353			-24.4043	GY	0.66
354			-58.5703	GY	0.09
354			-71.5859	GY	0.27
354			-84.6016	GY	0.44
354			-97.6172	GY	0.61

354			-110.6328	GY	0.79
354			-123.6485	GY	0.96
354			-136.6641	GY	1.14
354			-149.6797	GY	1.31
354	-892.5001	GY 1.40	2.00		
354			-219.6387	GY	2.13
354			-190.3535	GY	2.39
354			-161.0684	GY	2.65
354			-131.7832	GY	2.91
354			-102.4980	GY	3.17
354			-73.2129	GY	3.43
354			-43.9277	GY	3.69
354			-14.6426	GY	3.92
314			-28.9863	GY	0.02
314			-29.5840	GY	0.06
314			-30.1817	GY	0.09
314			-30.7793	GY	0.13
314			-31.3770	GY	0.17
314			-31.9746	GY	0.21
314			-32.5723	GY	0.24
314			-33.1699	GY	0.28
314			-219.6387	GY	0.43
314			-190.3535	GY	0.69
314			-161.0684	GY	0.95
314			-131.7832	GY	1.21
314			-102.4981	GY	1.48
314			-73.2129	GY	1.74
314			-43.9277	GY	1.99
314			-14.6426	GY	2.23
313			-10.7578	GY	0.15
313			-32.2734	GY	0.35
313			-53.7891	GY	0.57
313			-75.3047	GY	0.79
313			-96.8203	GY	1.02
313			-118.3359	GY	1.24
313			-139.8516	GY	1.47
313			-161.3672	GY	1.69
342			-14.6426	GY	0.17
342			-43.9277	GY	0.41
342			-73.2129	GY	0.66
342			-102.4980	GY	0.92
342			-131.7832	GY	1.19
342			-161.0684	GY	1.45
342			-190.3535	GY	1.71
342			-219.6387	GY	1.97
342	-892.5001	GY 2.10	2.70		
342			-219.6387	GY	2.83
342			-190.3536	GY	3.09
342			-161.0684	GY	3.35
342			-131.7832	GY	3.61
342			-102.4981	GY	3.87
342			-73.2129	GY	4.14
342			-43.9277	GY	4.39
342			-14.6426	GY	4.62
310			-14.6426	GY	0.18
310			-43.9277	GY	0.41

310			-73.2129	GY	0.67
310			-102.4980	GY	0.93
310			-131.7832	GY	1.19
310			-161.0683	GY	1.45
310			-190.3535	GY	1.71
310			-219.6386	GY	1.97
310			-219.6385	GY	2.23
310			-190.3534	GY	2.49
310			-161.0683	GY	2.75
310			-131.7831	GY	3.01
310			-102.4980	GY	3.27
310			-73.2128	GY	3.53
310			-43.9277	GY	3.79
310			-14.6426	GY	4.02
379			-14.6426	GY	0.17
379			-43.9277	GY	0.41
379			-73.2128	GY	0.66
379			-102.4980	GY	0.92
379			-131.7831	GY	1.19
379			-161.0683	GY	1.45
379			-190.3534	GY	1.71
379			-219.6385	GY	1.97
379	-892.4998	GY	2.10	2.70	
379			-219.6387	GY	2.83
379			-190.3535	GY	3.09
379			-161.0683	GY	3.35
379			-131.7832	GY	3.61
379			-102.4980	GY	3.87
379			-73.2129	GY	4.14
379			-43.9277	GY	4.39
379			-14.6426	GY	4.62
318			-36.6562	GY	0.03
318			-37.7187	GY	0.08
318			-38.7812	GY	0.13
318			-39.8437	GY	0.18
318			-40.9062	GY	0.23
318			-41.9687	GY	0.28
318			-43.0312	GY	0.33
318			-44.0937	GY	0.38
318			-219.6387	GY	0.53
318			-190.3535	GY	0.79
318			-161.0684	GY	1.05
318			-131.7832	GY	1.31
318			-102.4980	GY	1.57
318			-73.2129	GY	1.83
318			-43.9277	GY	2.09
318			-14.6426	GY	2.32
317			-9.5957	GY	0.14
317			-28.7871	GY	0.33
317			-47.9785	GY	0.54
317			-67.1700	GY	0.75
317			-86.3614	GY	0.96
317			-105.5528	GY	1.17
317			-124.7442	GY	1.38
317			-143.9356	GY	1.60
371			-58.5703	GY	0.09

```
371                          -71.5859 GY   0.27
371                          -84.6015 GY   0.44
371                          -97.6172 GY   0.61
371                         -110.6328 GY   0.79
371                         -123.6484 GY   0.96
371                         -136.6640 GY   1.14
371                         -149.6797 GY   1.31
371  -892.5002 GY   1.40    2.00
371                         -219.6387 GY   2.13
371                         -190.3535 GY   2.39
371                         -161.0684 GY   2.65
371                         -131.7832 GY   2.91
371                         -102.4981 GY   3.17
371                          -73.2129 GY   3.43
371                          -43.9277 GY   3.69
371                          -14.6426 GY   3.92
370                           -1.6270 GY   0.06
370                           -4.8809 GY   0.14
370                           -8.1348 GY   0.22
370                          -11.3887 GY   0.31
370                          -14.6426 GY   0.40
370                          -17.8965 GY   0.48
370                          -21.1504 GY   0.57
370                          -24.4043 GY   0.66
311                          -11.0587 GY   0.15
311                          -33.1762 GY   0.35
311                          -55.2936 GY   0.58
311                          -77.4110 GY   0.80
311                          -99.5285 GY   1.03
311                         -121.6459 GY   1.26
311                         -143.7633 GY   1.49
311                         -165.8808 GY   1.71
311                         -165.8807 GY   1.94
311                         -143.7632 GY   2.16
311                         -121.6458 GY   2.39
311                          -99.5284 GY   2.62
311                          -77.4110 GY   2.85
311                          -55.2936 GY   3.07
311                          -33.1761 GY   3.30
311                          -11.0587 GY   3.50
364                          -11.0587 GY   0.15
364                          -33.1761 GY   0.35
364                          -55.2935 GY   0.58
364                          -77.4110 GY   0.80
364                          -99.5284 GY   1.03
364                         -121.6458 GY   1.26
364                         -143.7632 GY   1.49
364                         -165.8806 GY   1.71
364  -775.6247 GY   1.82    2.28
364                         -165.8806 GY   2.39
364                         -143.7632 GY   2.61
364                         -121.6458 GY   2.84
364                          -99.5284 GY   3.07
364                          -77.4110 GY   3.30
364                          -55.2935 GY   3.52
364                          -33.1761 GY   3.75
```

364			-11.0587	GY	3.95
315			-11.0587	GY	0.15
315			-33.1762	GY	0.35
315			-55.2936	GY	0.58
315			-77.4110	GY	0.80
315			-99.5285	GY	1.03
315			-121.6459	GY	1.26
315			-143.7633	GY	1.49
315			-165.8808	GY	1.71
315			-165.8807	GY	1.94
315			-143.7632	GY	2.16
315			-121.6458	GY	2.39
315			-99.5284	GY	2.62
315			-77.4110	GY	2.85
315			-55.2936	GY	3.07
315			-33.1761	GY	3.30
315			-11.0587	GY	3.50
354			-11.0587	GY	0.15
354			-33.1761	GY	0.35
354			-55.2936	GY	0.58
354			-77.4110	GY	0.80
354			-99.5284	GY	1.03
354			-121.6459	GY	1.26
354			-143.7633	GY	1.49
354			-165.8807	GY	1.71
354	-775.6252	GY 1.82	2.28		
354			-165.8807	GY	2.39
354			-143.7633	GY	2.61
354			-121.6459	GY	2.84
354			-99.5284	GY	3.07
354			-77.4110	GY	3.30
354			-55.2936	GY	3.52
354			-33.1761	GY	3.75
354			-11.0587	GY	3.95
312			-11.0587	GY	0.15
312			-33.1761	GY	0.35
312			-55.2936	GY	0.58
312			-77.4110	GY	0.80
312			-99.5284	GY	1.03
312			-121.6458	GY	1.26
312			-143.7632	GY	1.49
312			-165.8807	GY	1.71
312			-165.8808	GY	1.94
312			-143.7634	GY	2.16
312			-121.6459	GY	2.39
312			-99.5285	GY	2.62
312			-77.4110	GY	2.85
312			-55.2936	GY	3.07
312			-33.1762	GY	3.30
312			-11.0587	GY	3.50
371			-11.0587	GY	0.15
371			-33.1762	GY	0.35
371			-55.2936	GY	0.58
371			-77.4110	GY	0.80
371			-99.5285	GY	1.03
371			-121.6459	GY	1.26

371			-143.7633	GY	1.49
371			-165.8808	GY	1.71
371	-775.6253	GY	1.82		2.28
371			-165.8808	GY	2.39
371			-143.7633	GY	2.61
371			-121.6459	GY	2.84
371			-99.5285	GY	3.07
371			-77.4110	GY	3.30
371			-55.2936	GY	3.52
371			-33.1762	GY	3.75
371			-11.0587	GY	3.95
316			-11.0587	GY	0.15
316			-33.1762	GY	0.35
316			-55.2936	GY	0.58
316			-77.4110	GY	0.80
316			-99.5285	GY	1.03
316			-121.6459	GY	1.26
316			-143.7633	GY	1.49
316			-165.8808	GY	1.71
316			-165.8807	GY	1.94
316			-143.7633	GY	2.16
316			-121.6459	GY	2.39
316			-99.5284	GY	2.62
316			-77.4110	GY	2.85
316			-55.2936	GY	3.07
316			-33.1761	GY	3.30
316			-11.0587	GY	3.50
364			-11.0587	GY	0.15
364			-33.1761	GY	0.35
364			-55.2935	GY	0.58
364			-77.4110	GY	0.80
364			-99.5284	GY	1.03
364			-121.6458	GY	1.26
364			-143.7632	GY	1.49
364			-165.8806	GY	1.71
364	-775.6247	GY	1.82		2.28
364			-165.8806	GY	2.39
364			-143.7632	GY	2.61
364			-121.6458	GY	2.84
364			-99.5284	GY	3.07
364			-77.4110	GY	3.30
364			-55.2935	GY	3.52
364			-33.1761	GY	3.75
364			-11.0587	GY	3.95
313			-2.6895	GY	0.08
313			-8.0684	GY	0.17
313			-13.4473	GY	0.28
313			-18.8262	GY	0.40
313			-24.2051	GY	0.51
313			-29.5840	GY	0.62
313			-34.9629	GY	0.73
313			-40.3418	GY	0.84
313			-40.3418	GY	0.95
313			-34.9629	GY	1.07
313			-29.5840	GY	1.18
313			-24.2051	GY	1.29

```
313                          -18.8262 GY   1.40
313                          -13.4473 GY   1.51
313                           -8.0684 GY   1.62
313                           -2.6895 GY   1.72
349                           -2.6895 GY   0.08
349                           -8.0684 GY   0.18
349                          -13.4473 GY   0.29
349                          -18.8262 GY   0.40
349                          -24.2051 GY   0.51
349                          -29.5840 GY   0.62
349                          -34.9629 GY   0.73
349                          -40.3418 GY   0.85
349  -382.5000 GY   0.90    1.30
349                          -40.3418 GY   1.36
349                          -34.9629 GY   1.47
349                          -29.5840 GY   1.58
349                          -24.2051 GY   1.69
349                          -18.8262 GY   1.80
349                          -13.4473 GY   1.91
349                           -8.0684 GY   2.02
349                           -2.6895 GY   2.12
319                           -2.6895 GY   0.08
319                           -8.0684 GY   0.17
319                          -13.4473 GY   0.28
319                          -18.8262 GY   0.40
319                          -24.2051 GY   0.51
319                          -29.5840 GY   0.62
319                          -34.9629 GY   0.73
319                          -40.3418 GY   0.84
319                          -40.3418 GY   0.95
319                          -34.9629 GY   1.07
319                          -29.5840 GY   1.18
319                          -24.2051 GY   1.29
319                          -18.8262 GY   1.40
319                          -13.4473 GY   1.51
319                           -8.0684 GY   1.62
319                           -2.6895 GY   1.72
343                           -2.6895 GY   0.08
343                           -8.0684 GY   0.18
343                          -13.4473 GY   0.29
343                          -18.8262 GY   0.40
343                          -24.2051 GY   0.51
343                          -29.5840 GY   0.62
343                          -34.9629 GY   0.73
343                          -40.3418 GY   0.85
343  -382.5000 GY   0.90    1.30
343                          -40.3418 GY   1.36
343                          -34.9629 GY   1.47
343                          -29.5840 GY   1.58
343                          -24.2051 GY   1.69
343                          -18.8262 GY   1.80
343                          -13.4473 GY   1.91
343                           -8.0684 GY   2.02
343                           -2.6895 GY   2.12
314                           -4.0176 GY   0.09
314                          -12.0527 GY   0.21
```

314			-20.0879 GY	0.35
314			-28.1231 GY	0.48
314			-36.1582 GY	0.62
314			-44.1934 GY	0.76
314			-52.2285 GY	0.90
314			-60.2637 GY	1.03
314	-467.5002 GY	1.10	1.30	
314			-60.2637 GY	1.37
314			-52.2285 GY	1.50
314			-44.1934 GY	1.64
314			-36.1582 GY	1.78
314			-28.1230 GY	1.92
314			-20.0879 GY	2.05
314			-12.0527 GY	2.19
314			-4.0176 GY	2.31
355			-4.0176 GY	0.09
355			-12.0527 GY	0.21
355			-20.0879 GY	0.35
355			-28.1230 GY	0.48
355			-36.1582 GY	0.62
355			-44.1934 GY	0.76
355			-52.2285 GY	0.90
355			-60.2637 GY	1.03
355			-60.2636 GY	1.17
355			-52.2285 GY	1.30
355			-44.1933 GY	1.44
355			-36.1582 GY	1.58
355			-28.1230 GY	1.72
355			-20.0879 GY	1.85
355			-12.0527 GY	1.99
355			-4.0176 GY	2.11
320			-4.0176 GY	0.09
320			-12.0527 GY	0.21
320			-20.0879 GY	0.35
320			-28.1230 GY	0.48
320			-36.1582 GY	0.62
320			-44.1933 GY	0.76
320			-52.2285 GY	0.90
320			-60.2636 GY	1.03
320	-467.4998 GY	1.10	1.30	
320			-60.2636 GY	1.37
320			-52.2285 GY	1.50
320			-44.1933 GY	1.64
320			-36.1582 GY	1.78
320			-28.1230 GY	1.92
320			-20.0879 GY	2.05
320			-12.0527 GY	2.19
320			-4.0176 GY	2.31
349			-4.0176 GY	0.09
349			-12.0527 GY	0.21
349			-20.0879 GY	0.35
349			-28.1231 GY	0.48
349			-36.1582 GY	0.62
349			-44.1934 GY	0.76
349			-52.2285 GY	0.90
349			-60.2637 GY	1.03

349			-60.2636	GY	1.17
349			-52.2285	GY	1.30
349			-44.1933	GY	1.44
349			-36.1582	GY	1.58
349			-28.1230	GY	1.72
349			-20.0879	GY	1.85
349			-12.0527	GY	1.99
349			-4.0176	GY	2.11
372			-7.4707	GY	0.12
372			-22.4121	GY	0.29
372			-37.3535	GY	0.47
372			-52.2949	GY	0.66
372			-67.2363	GY	0.85
372			-82.1777	GY	1.03
372			-97.1191	GY	1.22
372			-112.0605	GY	1.41
372			-112.0606	GY	1.59
372			-97.1192	GY	1.78
372			-82.1778	GY	1.97
372			-67.2363	GY	2.15
372			-52.2949	GY	2.34
372			-37.3535	GY	2.52
372			-22.4121	GY	2.71
372			-7.4707	GY	2.87
322			-112.0606	GY	0.29
322			-97.1192	GY	0.48
322			-82.1777	GY	0.67
322			-67.2363	GY	0.85
322			-52.2949	GY	1.04
322			-37.3535	GY	1.23
322			-22.4121	GY	1.41
322			-7.4707	GY	1.58
322	-637.5000	GY	0.00		0.20
321			-7.4707	GY	0.12
321			-22.4121	GY	0.29
321			-37.3535	GY	0.47
321			-52.2949	GY	0.66
321			-67.2363	GY	0.85
321			-82.1777	GY	1.03
321			-97.1190	GY	1.22
321			-112.0604	GY	1.41
321	-637.4996	GY	1.50		5.60
356			-31.8750	GY	0.05
356			-27.6250	GY	0.15
356			-23.3750	GY	0.25
356			-19.1250	GY	0.35
356			-14.8750	GY	0.45
356			-10.6250	GY	0.55
356			-6.3750	GY	0.64
356			-2.1250	GY	0.73
355			-7.4707	GY	0.12
355			-22.4121	GY	0.29
355			-37.3535	GY	0.47
355			-52.2949	GY	0.66
355			-67.2363	GY	0.85
355			-82.1777	GY	1.03

355			-97.1191	GY	1.22
355			-112.0605	GY	1.41
355			-54.1543	GY	1.54
355			-50.9004	GY	1.63
355			-47.6465	GY	1.72
355			-44.3926	GY	1.81
355			-41.1387	GY	1.89
355			-37.8848	GY	1.98
355			-34.6309	GY	2.07
355			-31.3770	GY	2.16
316	-637.5000	GY 0.00	2.15		
316			-112.0605	GY	2.24
316			-97.1191	GY	2.43
316			-82.1777	GY	2.62
316			-67.2363	GY	2.80
316			-52.2949	GY	2.99
316			-37.3535	GY	3.18
316			-22.4121	GY	3.36
316			-7.4707	GY	3.53
315	-637.5000	GY 1.50	3.65		
315			-7.4707	GY	0.12
315			-22.4121	GY	0.29
315			-37.3535	GY	0.47
315			-52.2949	GY	0.66
315			-67.2363	GY	0.85
315			-82.1777	GY	1.03
315			-97.1191	GY	1.22
315			-112.0605	GY	1.41
317			-2.3989	GY	0.07
317			-7.1968	GY	0.17
317			-11.9946	GY	0.27
317			-16.7925	GY	0.37
317			-21.5903	GY	0.48
317			-26.3882	GY	0.59
317			-31.1860	GY	0.69
317			-35.9839	GY	0.80
317			-35.9839	GY	0.90
317			-31.1860	GY	1.01
317			-26.3882	GY	1.11
317			-21.5903	GY	1.22
317			-16.7925	GY	1.33
317			-11.9946	GY	1.43
317			-7.1968	GY	1.53
317			-2.3989	GY	1.63
376			-2.3989	GY	0.07
376			-7.1968	GY	0.17
376			-11.9946	GY	0.27
376			-16.7925	GY	0.37
376			-21.5904	GY	0.48
376			-26.3882	GY	0.59
376			-31.1861	GY	0.69
376			-35.9839	GY	0.80
376	-361.2502	GY 0.85	2.15		
376			-35.9840	GY	2.20
376			-31.1861	GY	2.31
376			-26.3882	GY	2.41

376			-21.5904	GY	2.52
376			-16.7925	GY	2.63
376			-11.9947	GY	2.73
376			-7.1968	GY	2.83
376			-2.3989	GY	2.93
324			-31.8751	GY	0.05
324			-27.6251	GY	0.15
324			-23.3751	GY	0.25
324			-19.1251	GY	0.35
324			-14.8751	GY	0.45
324			-10.6250	GY	0.55
324			-6.3750	GY	0.64
324			-2.1250	GY	0.73
323			-2.3989	GY	0.07
323			-7.1968	GY	0.17
323			-11.9946	GY	0.27
323			-16.7925	GY	0.37
323			-21.5904	GY	0.48
323			-26.3882	GY	0.59
323			-31.1861	GY	0.69
323			-35.9839	GY	0.80
323			-2.2495	GY	0.85
323			-2.2329	GY	0.86
323			-2.2163	GY	0.87
323			-2.1997	GY	0.87
323			-2.1831	GY	0.88
323			-2.1665	GY	0.88
323			-2.1499	GY	0.89
323			-2.1333	GY	0.90
372			-2.3989	GY	0.07
372			-7.1968	GY	0.17
372			-11.9946	GY	0.27
372			-16.7925	GY	0.37
372			-21.5904	GY	0.48
372			-26.3882	GY	0.59
372			-31.1861	GY	0.69
372			-35.9839	GY	0.80
372	-361.2502	GY 0.85	2.15		
372			-35.9840	GY	2.20
372			-31.1861	GY	2.31
372			-26.3882	GY	2.41
372			-21.5904	GY	2.52
372			-16.7925	GY	2.63
372			-11.9947	GY	2.73
372			-7.1968	GY	2.83
372			-2.3989	GY	2.93
318			-5.1880	GY	0.10
318			-15.5639	GY	0.24
318			-25.9399	GY	0.40
318			-36.3159	GY	0.55
318			-46.6918	GY	0.71
318			-57.0678	GY	0.86
318			-67.4437	GY	1.02
318			-77.8197	GY	1.17
318			-77.8198	GY	1.33
318			-67.4438	GY	1.48

318			-57.0678	GY	1.64
318			-46.6919	GY	1.79
318			-36.3159	GY	1.95
318			-25.9399	GY	2.10
318			-15.5640	GY	2.26
318			-5.1880	GY	2.40
380			-5.1880	GY	0.10
380			-15.5640	GY	0.24
380			-25.9399	GY	0.40
380			-36.3159	GY	0.55
380			-46.6919	GY	0.71
380			-57.0678	GY	0.86
380			-67.4438	GY	1.02
380			-77.8198	GY	1.17
380	-531.2500	GY 1.25	1.75		
380			-77.8198	GY	1.83
380			-67.4439	GY	1.98
380			-57.0679	GY	2.14
380			-46.6919	GY	2.29
380			-36.3159	GY	2.45
380			-25.9399	GY	2.60
380			-15.5640	GY	2.76
380			-5.1880	GY	2.90
325			-5.1880	GY	0.10
325			-15.5640	GY	0.24
325			-25.9399	GY	0.40
325			-36.3159	GY	0.55
325			-46.6919	GY	0.71
325			-57.0678	GY	0.86
325			-67.4438	GY	1.02
325			-77.8198	GY	1.17
325			-77.8198	GY	1.33
325			-67.4439	GY	1.48
325			-57.0679	GY	1.64
325			-46.6919	GY	1.79
325			-36.3159	GY	1.95
325			-25.9399	GY	2.10
325			-15.5640	GY	2.26
325			-5.1880	GY	2.40
376			-5.1880	GY	0.10
376			-15.5639	GY	0.24
376			-25.9399	GY	0.40
376			-36.3159	GY	0.55
376			-46.6918	GY	0.71
376			-57.0678	GY	0.86
376			-67.4438	GY	1.02
376			-77.8197	GY	1.17
376	-531.2496	GY 1.25	1.75		
376			-77.8198	GY	1.83
376			-67.4438	GY	1.98
376			-57.0678	GY	2.14
376			-46.6919	GY	2.29
376			-36.3159	GY	2.45
376			-25.9399	GY	2.60
376			-15.5640	GY	2.76
376			-5.1880	GY	2.90

```
356                          -2.1250 GY   0.07
356                          -6.3750 GY   0.16
356                         -10.6250 GY   0.25
356                         -14.8750 GY   0.35
356                         -19.1250 GY   0.45
356                         -23.3750 GY   0.55
356                         -27.6250 GY   0.65
356                         -31.8750 GY   0.75
357                         -31.8750 GY   0.05
357                         -27.6250 GY   0.15
357                         -23.3750 GY   0.25
357                         -19.1250 GY   0.35
357                         -14.8750 GY   0.45
357                         -10.6250 GY   0.55
357                          -6.3750 GY   0.64
357                          -2.1250 GY   0.73
326                          -2.1250 GY   0.07
326                          -6.3750 GY   0.16
326                         -10.6250 GY   0.25
326                         -14.8750 GY   0.35
326                         -19.1250 GY   0.45
326                         -23.3750 GY   0.55
326                         -27.6250 GY   0.65
326                         -31.8750 GY   0.75
326  -340.0001 GY   0.80    3.40
326                         -31.8750 GY   3.45
326                         -27.6250 GY   3.55
326                         -23.3750 GY   3.65
326                         -19.1250 GY   3.75
326                         -14.8750 GY   3.85
326                         -10.6250 GY   3.95
326                          -6.3750 GY   4.04
326                          -2.1250 GY   4.13
345                          -0.4980 GY   0.01
345                          -0.4316 GY   0.02
345                          -0.3652 GY   0.03
345                          -0.2988 GY   0.04
345                          -0.2324 GY   0.06
345                          -0.1660 GY   0.07
345                          -0.0996 GY   0.08
345                          -0.0332 GY   0.09
344                          -2.1250 GY   0.07
344                          -6.3750 GY   0.16
344                         -10.6250 GY   0.25
344                         -14.8750 GY   0.35
344                         -19.1250 GY   0.45
344                         -23.3750 GY   0.55
344                         -27.6250 GY   0.65
344                         -31.8750 GY   0.75
344                         -28.1231 GY   0.84
344                         -24.8692 GY   0.93
344                         -21.6152 GY   1.02
344                         -18.3613 GY   1.10
344                         -15.1074 GY   1.19
344                         -11.8535 GY   1.28
344                          -8.5996 GY   1.37
```

```
344                          -5.3457 GY   1.45
320  -340.0001 GY   0.00    1.60
320                          -31.8750 GY   1.65
320                          -27.6250 GY   1.75
320                          -23.3750 GY   1.85
320                          -19.1250 GY   1.95
320                          -14.8750 GY   2.05
320                          -10.6250 GY   2.15
320                           -6.3750 GY   2.24
320                           -2.1250 GY   2.33
319  -340.0001 GY   0.80    1.80
319                           -2.1250 GY   0.07
319                           -6.3750 GY   0.16
319                          -10.6250 GY   0.25
319                          -14.8750 GY   0.35
319                          -19.1250 GY   0.45
319                          -23.3750 GY   0.55
319                          -27.6250 GY   0.65
319                          -31.8750 GY   0.75
321                          -24.2051 GY   0.23
321                          -72.6153 GY   0.53
321                         -121.0255 GY   0.86
321                         -169.4357 GY   1.19
321                         -217.8458 GY   1.53
321                         -266.2560 GY   1.86
321                         -314.6662 GY   2.20
321                         -363.0764 GY   2.54
321 -1147.5002 GY   2.70    2.90
321                         -363.0763 GY   3.06
321                         -314.6661 GY   3.40
321                         -266.2560 GY   3.74
321                         -217.8458 GY   4.07
321                         -169.4356 GY   4.41
321                         -121.0254 GY   4.74
321                          -72.6153 GY   5.07
321                          -24.2051 GY   5.38
365                          -24.2051 GY   0.22
365                          -72.6152 GY   0.52
365                         -121.0254 GY   0.85
365                         -169.4355 GY   1.19
365                         -217.8457 GY   1.52
365                         -266.2559 GY   1.86
365                         -314.6660 GY   2.20
365                         -363.0762 GY   2.53
365                         -363.0763 GY   2.86
365                         -314.6661 GY   3.20
365                         -266.2560 GY   3.54
365                         -217.8458 GY   3.88
365                         -169.4356 GY   4.21
365                         -121.0254 GY   4.55
365                          -72.6153 GY   4.88
365                          -24.2051 GY   5.18
331                         -263.4668 GY   0.14
331                         -228.3379 GY   0.43
331                         -193.2090 GY   0.71
331                         -158.0801 GY   1.00
```

331			-122.9512	GY	1.29
331			-87.8223	GY	1.57
331			-52.6934	GY	1.85
331			-17.5645	GY	2.11
330			-24.2051	GY	0.23
330			-72.6152	GY	0.53
330			-121.0254	GY	0.86
330			-169.4356	GY	1.19
330			-217.8457	GY	1.53
330			-266.2559	GY	1.86
330			-314.6661	GY	2.20
330			-363.0762	GY	2.54
330	-1147.4999	GY 2.70	2.90		
330			-56.8439	GY	2.92
330			-55.7814	GY	2.97
330			-54.7189	GY	3.02
330			-53.6564	GY	3.07
330			-52.5939	GY	3.12
330			-51.5314	GY	3.17
330			-50.4689	GY	3.22
330			-49.4064	GY	3.27
359			-112.0606	GY	0.09
359			-97.1192	GY	0.28
359			-82.1777	GY	0.47
359			-67.2363	GY	0.65
359			-52.2949	GY	0.84
359			-37.3535	GY	1.02
359			-22.4121	GY	1.21
359			-7.4707	GY	1.37
358			-92.7364	GY	0.12
358			-116.7091	GY	0.36
358			-140.6817	GY	0.60
358			-164.6544	GY	0.83
358			-188.6270	GY	1.07
358			-212.5997	GY	1.31
358			-236.5723	GY	1.55
358			-260.5450	GY	1.78
358			-167.3438	GY	1.97
358			-157.7813	GY	2.12
358			-148.2188	GY	2.27
358			-138.6563	GY	2.42
358			-129.0938	GY	2.57
358			-119.5313	GY	2.72
358			-109.9688	GY	2.87
358			-100.4063	GY	3.02
357			-2.1250	GY	0.07
357			-6.3750	GY	0.16
357			-10.6250	GY	0.25
357			-14.8750	GY	0.35
357			-19.1250	GY	0.45
357			-23.3750	GY	0.55
357			-27.6250	GY	0.65
357			-31.8751	GY	0.75
373	-552.4997	GY 1.30	2.00		
373			-5.6113	GY	0.11
373			-16.8340	GY	0.25

```
373                          -28.0566 GY   0.41
373                          -39.2793 GY   0.57
373                          -50.5019 GY   0.73
373                          -61.7246 GY   0.90
373                          -72.9472 GY   1.06
373                          -84.1699 GY   1.22
374  -552.4997 GY   0.00    2.10
374                          -84.1698 GY   2.18
374                          -72.9472 GY   2.34
374                          -61.7246 GY   2.50
374                          -50.5019 GY   2.67
374                          -39.2793 GY   2.83
374                          -28.0566 GY   2.99
374                          -16.8340 GY   3.15
374                           -5.6113 GY   3.29
333                          -71.7187 GY   0.07
333                          -62.1562 GY   0.22
333                          -52.5937 GY   0.37
333                          -43.0312 GY   0.52
333                          -33.4687 GY   0.67
333                          -23.9062 GY   0.82
333                          -14.3437 GY   0.97
333                           -4.7812 GY   1.10
332                           -5.6113 GY   0.11
332                          -16.8340 GY   0.25
332                          -28.0566 GY   0.41
332                          -39.2793 GY   0.57
332                          -50.5019 GY   0.73
332                          -61.7246 GY   0.90
332                          -72.9472 GY   1.06
332                          -84.1698 GY   1.22
332                           -6.8731 GY   1.31
332                           -6.8067 GY   1.32
332                           -6.7403 GY   1.33
332                           -6.6738 GY   1.34
332                           -6.6074 GY   1.36
332                           -6.5410 GY   1.37
332                           -6.4746 GY   1.38
332                           -6.4082 GY   1.39
365                           -5.6113 GY   0.11
365                          -16.8340 GY   0.25
365                          -28.0566 GY   0.41
365                          -39.2793 GY   0.57
365                          -50.5020 GY   0.73
365                          -61.7246 GY   0.90
365                          -72.9473 GY   1.06
365                          -84.1699 GY   1.22
365  -552.5001 GY   1.30    4.10
365                          -84.1699 GY   4.18
365                          -72.9472 GY   4.34
365                          -61.7246 GY   4.50
365                          -50.5019 GY   4.67
365                          -39.2793 GY   4.83
365                          -28.0566 GY   4.99
365                          -16.8340 GY   5.15
365                           -5.6113 GY   5.29
```

```
323                          -40.3418 GY   0.05
323                          -34.9628 GY   0.17
323                          -29.5840 GY   0.28
323                          -24.2050 GY   0.39
323                          -18.8262 GY   0.50
323                          -13.4473 GY   0.61
323                           -8.0683 GY   0.72
323                           -2.6895 GY   0.82
322                           -5.6113 GY   0.11
322                          -16.8340 GY   0.25
322                          -28.0567 GY   0.41
322                          -39.2793 GY   0.57
322                          -50.5020 GY   0.73
322                          -61.7246 GY   0.90
322                          -72.9473 GY   1.06
322                          -84.1700 GY   1.22
322                          -27.0937 GY   1.32
322                          -26.0312 GY   1.37
322                          -24.9687 GY   1.42
322                          -23.9062 GY   1.47
322                          -22.8437 GY   1.52
322                          -21.7812 GY   1.57
322                          -20.7187 GY   1.62
322                          -19.6562 GY   1.67
381                           -3.3203 GY   0.08
381                           -9.9609 GY   0.19
381                          -16.6016 GY   0.32
381                          -23.2422 GY   0.44
381                          -29.8828 GY   0.56
381                          -36.5235 GY   0.69
381                          -43.1641 GY   0.81
381                          -49.8047 GY   0.94
381                          -49.8048 GY   1.06
381                          -43.1641 GY   1.19
381                          -36.5235 GY   1.31
381                          -29.8829 GY   1.44
381                          -23.2422 GY   1.56
381                          -16.6016 GY   1.68
381                           -9.9610 GY   1.81
381                           -3.3203 GY   1.92
327                           -3.3203 GY   0.08
327                           -9.9609 GY   0.19
327                          -16.6016 GY   0.32
327                          -23.2422 GY   0.44
327                          -29.8828 GY   0.56
327                          -36.5235 GY   0.69
327                          -43.1641 GY   0.81
327                          -49.8047 GY   0.94
327  -425.0004 GY   1.00    2.30
327                          -49.8048 GY   2.36
327                          -43.1641 GY   2.49
327                          -36.5235 GY   2.61
327                          -29.8829 GY   2.74
327                          -23.2422 GY   2.86
327                          -16.6016 GY   2.98
327                           -9.9610 GY   3.11
```

```
327                          -3.3203 GY   3.22
373                          -3.3203 GY   0.08
373                          -9.9609 GY   0.19
373                         -16.6016 GY   0.32
373                         -23.2422 GY   0.44
373                         -29.8828 GY   0.56
373                         -36.5234 GY   0.69
373                         -43.1641 GY   0.81
373                         -49.8047 GY   0.94
373                         -49.8047 GY   1.06
373                         -43.1641 GY   1.19
373                         -36.5235 GY   1.31
373                         -29.8828 GY   1.44
373                         -23.2422 GY   1.56
373                         -16.6016 GY   1.68
373                          -9.9609 GY   1.81
373                          -3.3203 GY   1.92
325                          -8.6328 GY   0.01
325                          -8.8984 GY   0.04
325                          -9.1640 GY   0.06
325                          -9.4296 GY   0.09
325                          -9.6953 GY   0.11
325                          -9.9609 GY   0.14
325                         -10.2265 GY   0.16
325                         -10.4921 GY   0.19
325  -425.0000 GY   0.20    1.50
325                         -49.8047 GY   1.56
325                         -43.1641 GY   1.69
325                         -36.5235 GY   1.81
325                         -29.8828 GY   1.94
325                         -23.2422 GY   2.06
325                         -16.6016 GY   2.18
325                          -9.9609 GY   2.31
325                          -3.3203 GY   2.42
324                          -2.1250 GY   0.07
324                          -6.3750 GY   0.16
324                         -10.6250 GY   0.25
324                         -14.8750 GY   0.35
324                         -19.1250 GY   0.45
324                         -23.3751 GY   0.55
324                         -27.6251 GY   0.65
324                         -31.8751 GY   0.75
326                          -7.9770 GY   0.13
326                         -23.9312 GY   0.30
326                         -39.8853 GY   0.49
326                         -55.8394 GY   0.68
326                         -71.7934 GY   0.88
326                         -87.7476 GY   1.07
326                        -103.7017 GY   1.26
326                        -119.6557 GY   1.46
326  -658.7501 GY   1.55    2.65
326                        -119.6557 GY   2.74
326                        -103.7017 GY   2.94
326                         -87.7476 GY   3.13
326                         -71.7934 GY   3.32
326                         -55.8394 GY   3.52
```

```
326                          -39.8853 GY   3.71
326                          -23.9312 GY   3.90
326                           -7.9770 GY   4.07
358                           -7.9770 GY   0.13
358                          -23.9311 GY   0.30
358                          -39.8852 GY   0.49
358                          -55.8393 GY   0.68
358                          -71.7934 GY   0.88
358                          -87.7475 GY   1.07
358                         -103.7016 GY   1.26
358                         -119.6557 GY   1.46
358                         -119.6558 GY   1.64
358                         -103.7017 GY   1.84
358                          -87.7476 GY   2.03
358                          -71.7935 GY   2.22
358                          -55.8394 GY   2.42
358                          -39.8853 GY   2.61
358                          -23.9312 GY   2.80
358                           -7.9771 GY   2.97
328                           -7.9770 GY   0.13
328                          -23.9311 GY   0.30
328                          -39.8852 GY   0.49
328                          -55.8393 GY   0.68
328                          -71.7934 GY   0.88
328                          -87.7475 GY   1.07
328                         -103.7016 GY   1.26
328                         -119.6557 GY   1.46
328  -658.7497 GY   1.55    2.65
328                         -119.6557 GY   2.74
328                         -103.7016 GY   2.94
328                          -87.7475 GY   3.13
328                          -71.7934 GY   3.32
328                          -55.8393 GY   3.52
328                          -39.8852 GY   3.71
328                          -23.9311 GY   3.90
328                           -7.9770 GY   4.07
346                           -7.9771 GY   0.13
346                          -23.9312 GY   0.30
346                          -39.8853 GY   0.49
346                          -55.8394 GY   0.68
346                          -71.7935 GY   0.88
346                          -87.7476 GY   1.07
346                         -103.7017 GY   1.26
346                         -119.6558 GY   1.46
346                         -119.6557 GY   1.64
346                         -103.7016 GY   1.84
346                          -87.7475 GY   2.03
346                          -71.7934 GY   2.22
346                          -55.8393 GY   2.42
346                          -39.8852 GY   2.61
346                          -23.9311 GY   2.80
346                           -7.9770 GY   2.97
327                           -9.0396 GY   0.14
327                          -27.1187 GY   0.32
327                          -45.1978 GY   0.52
327                          -63.2769 GY   0.73
```

```
327                          -81.3560 GY   0.93
327                          -99.4351 GY   1.14
327                         -117.5142 GY   1.34
327                         -135.5933 GY   1.55
327                         -135.5932 GY   1.75
327                         -117.5141 GY   1.96
327                          -99.4350 GY   2.16
327                          -81.3559 GY   2.37
327                          -63.2768 GY   2.57
327                          -45.1977 GY   2.78
327                          -27.1186 GY   2.98
327                           -9.0395 GY   3.16
382                           -9.0395 GY   0.14
382                          -27.1186 GY   0.32
382                          -45.1977 GY   0.52
382                          -63.2768 GY   0.73
382                          -81.3559 GY   0.93
382                          -99.4350 GY   1.14
382                         -117.5141 GY   1.34
382                         -135.5932 GY   1.55
382  -701.2498 GY   1.65    1.75
382                         -135.5932 GY   1.85
382                         -117.5141 GY   2.06
382                          -99.4350 GY   2.26
382                          -81.3559 GY   2.47
382                          -63.2768 GY   2.67
382                          -45.1977 GY   2.88
382                          -27.1186 GY   3.08
382                           -9.0395 GY   3.26
334                           -9.0395 GY   0.14
334                          -27.1186 GY   0.32
334                          -45.1977 GY   0.52
334                          -63.2768 GY   0.73
334                          -81.3559 GY   0.93
334                          -99.4350 GY   1.14
334                         -117.5141 GY   1.34
334                         -135.5932 GY   1.55
334                         -135.5933 GY   1.75
334                         -117.5142 GY   1.96
334                          -99.4351 GY   2.16
334                          -81.3560 GY   2.37
334                          -63.2769 GY   2.57
334                          -45.1978 GY   2.78
334                          -27.1187 GY   2.98
334                           -9.0396 GY   3.16
374                           -9.0396 GY   0.14
374                          -27.1187 GY   0.32
374                          -45.1978 GY   0.52
374                          -63.2769 GY   0.73
374                          -81.3560 GY   0.93
374                          -99.4351 GY   1.14
374                         -117.5142 GY   1.34
374                         -135.5933 GY   1.55
374  -701.2502 GY   1.65    1.75
374                         -135.5933 GY   1.85
374                         -117.5142 GY   2.06
```

374			-99.4351	GY	2.26
374			-81.3560	GY	2.47
374			-63.2769	GY	2.67
374			-45.1978	GY	2.88
374			-27.1187	GY	3.08
374			-9.0396	GY	3.26
328			-1.8677	GY	0.06
328			-5.6030	GY	0.15
328			-9.3384	GY	0.24
328			-13.0737	GY	0.33
328			-16.8091	GY	0.42
328			-20.5444	GY	0.52
328			-24.2798	GY	0.61
328			-28.0151	GY	0.70
328	-318.7500	GY 0.75	3.45		
328			-28.0151	GY	3.50
328			-24.2798	GY	3.59
328			-20.5444	GY	3.68
328			-16.8091	GY	3.78
328			-13.0737	GY	3.87
328			-9.3384	GY	3.96
328			-5.6030	GY	4.05
328			-1.8677	GY	4.14
359			-1.8677	GY	0.06
359			-5.6030	GY	0.15
359			-9.3384	GY	0.24
359			-13.0737	GY	0.33
359			-16.8091	GY	0.42
359			-20.5444	GY	0.52
359			-24.2798	GY	0.61
359			-28.0151	GY	0.70
359			-28.0151	GY	0.80
359			-24.2798	GY	0.89
359			-20.5444	GY	0.98
359			-16.8091	GY	1.08
359			-13.0737	GY	1.17
359			-9.3384	GY	1.26
359			-5.6030	GY	1.35
359			-1.8677	GY	1.44
329			-1.8677	GY	0.06
329			-5.6030	GY	0.15
329			-9.3384	GY	0.24
329			-13.0737	GY	0.33
329			-16.8091	GY	0.42
329			-20.5444	GY	0.52
329			-24.2798	GY	0.61
329			-28.0151	GY	0.70
329	-318.7500	GY 0.75	3.45		
329			-28.0151	GY	3.50
329			-24.2798	GY	3.59
329			-20.5444	GY	3.68
329			-16.8091	GY	3.78
329			-13.0737	GY	3.87
329			-9.3384	GY	3.96
329			-5.6030	GY	4.05
329			-1.8677	GY	4.14

347			-1.8677 GY	0.06	
347			-5.6030 GY	0.15	
347			-9.3384 GY	0.24	
347			-13.0737 GY	0.33	
347			-16.8091 GY	0.42	
347			-20.5444 GY	0.52	
347			-24.2798 GY	0.61	
347			-28.0151 GY	0.70	
347			-28.0151 GY	0.80	
347			-24.2798 GY	0.89	
347			-20.5444 GY	0.98	
347			-16.8091 GY	1.08	
347			-13.0737 GY	1.17	
347			-9.3384 GY	1.26	
347			-5.6030 GY	1.35	
347			-1.8677 GY	1.44	
329			-6.9810 GY	0.12	
329			-20.9429 GY	0.28	
329			-34.9048 GY	0.46	
329			-48.8667 GY	0.64	
329			-62.8286 GY	0.82	
329			-76.7906 GY	1.00	
329			-90.7525 GY	1.18	
329			-104.7144 GY	1.36	
329	-616.2503 GY	1.45	2.75		
329			-104.7144 GY	2.84	
329			-90.7524 GY	3.02	
329			-76.7905 GY	3.20	
329			-62.8286 GY	3.38	
329			-48.8667 GY	3.56	
329			-34.9048 GY	3.74	
329			-20.9429 GY	3.92	
329			-6.9810 GY	4.08	
360			-6.9810 GY	0.12	
360			-20.9429 GY	0.28	
360			-34.9048 GY	0.46	
360			-48.8667 GY	0.64	
360			-62.8286 GY	0.82	
360			-76.7905 GY	1.00	
360			-90.7524 GY	1.18	
360			-104.7144 GY	1.36	
360			-104.7142 GY	1.54	
360			-90.7523 GY	1.72	
360			-76.7904 GY	1.90	
360			-62.8285 GY	2.08	
360			-48.8666 GY	2.26	
360			-34.9047 GY	2.44	
360			-20.9428 GY	2.62	
360			-6.9809 GY	2.78	
335			-6.9810 GY	0.12	
335			-20.9429 GY	0.28	
335			-34.9048 GY	0.46	
335			-48.8667 GY	0.64	
335			-62.8286 GY	0.82	
335			-76.7905 GY	1.00	
335			-90.7524 GY	1.18	

```
335                          -104.7143 GY   1.36
335  -616.2496 GY   1.45    2.75
335                          -104.7142 GY   2.84
335                           -90.7523 GY   3.02
335                           -76.7904 GY   3.20
335                           -62.8285 GY   3.38
335                           -48.8666 GY   3.56
335                           -34.9047 GY   3.74
335                           -20.9428 GY   3.92
335                            -6.9809 GY   4.08
348                            -6.9810 GY   0.12
348                           -20.9429 GY   0.28
348                           -34.9048 GY   0.46
348                           -48.8667 GY   0.64
348                           -62.8286 GY   0.82
348                           -76.7906 GY   1.00
348                           -90.7525 GY   1.18
348                          -104.7144 GY   1.36
348                          -104.7143 GY   1.54
348                           -90.7523 GY   1.72
348                           -76.7905 GY   1.90
348                           -62.8286 GY   2.08
348                           -48.8667 GY   2.26
348                           -34.9048 GY   2.44
348                           -20.9429 GY   2.62
348                            -6.9810 GY   2.78
330                            -6.9810 GY   0.12
330                           -20.9429 GY   0.28
330                           -34.9048 GY   0.46
330                           -48.8667 GY   0.64
330                           -62.8287 GY   0.82
330                           -76.7906 GY   1.00
330                           -90.7525 GY   1.18
330                          -104.7144 GY   1.36
330  -616.2503 GY   1.45    1.85
330                          -104.7144 GY   1.94
330                           -90.7525 GY   2.12
330                           -76.7906 GY   2.30
330                           -62.8287 GY   2.48
330                           -48.8667 GY   2.66
330                           -34.9048 GY   2.84
330                           -20.9429 GY   3.02
330                            -6.9810 GY   3.18
361                            -6.9810 GY   0.12
361                           -20.9429 GY   0.28
361                           -34.9048 GY   0.46
361                           -48.8667 GY   0.64
361                           -62.8287 GY   0.82
361                           -76.7906 GY   1.00
361                           -90.7525 GY   1.18
361                          -104.7144 GY   1.36
361                          -104.7143 GY   1.54
361                           -90.7524 GY   1.72
361                           -76.7905 GY   1.90
361                           -62.8286 GY   2.08
361                           -48.8667 GY   2.26
```

```
361                          -34.9048 GY   2.44
361                          -20.9429 GY   2.62
361                           -6.9810 GY   2.78
336                           -6.9810 GY   0.12
336                          -20.9429 GY   0.28
336                          -34.9048 GY   0.46
336                          -48.8667 GY   0.64
336                          -62.8286 GY   0.82
336                          -76.7905 GY   1.00
336                          -90.7524 GY   1.18
336                         -104.7143 GY   1.36
336  -616.2496 GY   1.45    1.85
336                         -104.7143 GY   1.94
336                          -90.7524 GY   2.12
336                          -76.7905 GY   2.30
336                          -62.8286 GY   2.48
336                          -48.8667 GY   2.66
336                          -34.9048 GY   2.84
336                          -20.9429 GY   3.02
336                           -6.9810 GY   3.18
360                           -6.9810 GY   0.12
360                          -20.9429 GY   0.28
360                          -34.9048 GY   0.46
360                          -48.8667 GY   0.64
360                          -62.8287 GY   0.82
360                          -76.7906 GY   1.00
360                          -90.7525 GY   1.18
360                         -104.7144 GY   1.36
360                         -104.7143 GY   1.54
360                          -90.7524 GY   1.72
360                          -76.7905 GY   1.90
360                          -62.8286 GY   2.08
360                          -48.8667 GY   2.26
360                          -34.9048 GY   2.44
360                          -20.9429 GY   2.62
360                           -6.9810 GY   2.78
366                           -6.9810 GY   0.12
366                          -20.9429 GY   0.28
366                          -34.9048 GY   0.46
366                          -48.8667 GY   0.64
366                          -62.8286 GY   0.82
366                          -76.7906 GY   1.00
366                          -90.7525 GY   1.18
366                         -104.7144 GY   1.36
366                         -104.7143 GY   1.54
366                          -90.7523 GY   1.72
366                          -76.7905 GY   1.90
366                          -62.8286 GY   2.08
366                          -48.8667 GY   2.26
366                          -34.9048 GY   2.44
366                          -20.9429 GY   2.62
366                           -6.9810 GY   2.78
337                           -6.9809 GY   0.12
337                          -20.9428 GY   0.28
337                          -34.9047 GY   0.46
337                          -48.8666 GY   0.64
```

```
337                          -62.8285 GY   0.82
337                          -76.7904 GY   1.00
337                          -90.7523 GY   1.18
337                         -104.7142 GY   1.36
337  -616.2496 GY   1.45    2.25
337                         -104.7143 GY   2.34
337                          -90.7524 GY   2.52
337                          -76.7905 GY   2.70
337                          -62.8286 GY   2.88
337                          -48.8667 GY   3.06
337                          -34.9048 GY   3.24
337                          -20.9429 GY   3.42
337                           -6.9810 GY   3.58
361                           -6.9810 GY   0.12
361                          -20.9429 GY   0.28
361                          -34.9048 GY   0.46
361                          -48.8667 GY   0.64
361                          -62.8286 GY   0.82
361                          -76.7905 GY   1.00
361                          -90.7524 GY   1.18
361                         -104.7144 GY   1.36
361                         -104.7142 GY   1.54
361                          -90.7523 GY   1.72
361                          -76.7904 GY   1.90
361                          -62.8285 GY   2.08
361                          -48.8666 GY   2.26
361                          -34.9047 GY   2.44
361                          -20.9428 GY   2.62
361                           -6.9809 GY   2.78
332                          -97.6173 GY   0.09
332                          -84.6016 GY   0.26
332                          -71.5860 GY   0.43
332                          -58.5704 GY   0.61
332                          -45.5547 GY   0.78
332                          -32.5391 GY   0.96
332                          -19.5235 GY   1.13
332                           -6.5078 GY   1.28
331                           -6.9810 GY   0.12
331                          -20.9429 GY   0.28
331                          -34.9048 GY   0.46
331                          -48.8667 GY   0.64
331                          -62.8286 GY   0.82
331                          -76.7905 GY   1.00
331                          -90.7524 GY   1.18
331                         -104.7144 GY   1.36
331  -616.2503 GY   1.45    2.25
331                           -3.8433 GY   2.25
331                           -3.8267 GY   2.26
331                           -3.8101 GY   2.27
331                           -3.7935 GY   2.27
331                           -3.7769 GY   2.28
331                           -3.7603 GY   2.28
331                           -3.7437 GY   2.29
331                           -3.7271 GY   2.30
333                           -1.1953 GY   0.05
333                           -3.5859 GY   0.12
```

```
333                          -5.9766 GY   0.19
333                          -8.3672 GY   0.26
333                         -10.7578 GY   0.34
333                         -13.1484 GY   0.41
333                         -15.5390 GY   0.49
333                         -17.9297 GY   0.56
333                         -17.9296 GY   0.64
333                         -15.5390 GY   0.71
333                         -13.1484 GY   0.79
333                         -10.7578 GY   0.86
333                          -8.3672 GY   0.94
333                          -5.9765 GY   1.01
333                          -3.5859 GY   1.08
333                          -1.1953 GY   1.15
375                          -1.1953 GY   0.05
375                          -3.5859 GY   0.12
375                          -5.9765 GY   0.19
375                          -8.3672 GY   0.26
375                         -10.7578 GY   0.34
375                         -13.1484 GY   0.41
375                         -15.5390 GY   0.49
375                         -17.9296 GY   0.56
375  -254.9998 GY   0.60    2.30
375                         -17.9297 GY   2.34
375                         -15.5391 GY   2.41
375                         -13.1484 GY   2.49
375                         -10.7578 GY   2.56
375                          -8.3672 GY   2.64
375                          -5.9766 GY   2.71
375                          -3.5859 GY   2.78
375                          -1.1953 GY   2.85
338                          -1.1953 GY   0.05
338                          -3.5859 GY   0.12
338                          -5.9766 GY   0.19
338                          -8.3672 GY   0.26
338                         -10.7578 GY   0.34
338                         -13.1485 GY   0.41
338                         -15.5391 GY   0.49
338                         -17.9297 GY   0.56
338                         -17.9297 GY   0.64
338                         -15.5391 GY   0.71
338                         -13.1484 GY   0.79
338                         -10.7578 GY   0.86
338                          -8.3672 GY   0.94
338                          -5.9766 GY   1.01
338                          -3.5859 GY   1.08
338                          -1.1953 GY   1.15
366                          -1.1953 GY   0.05
366                          -3.5859 GY   0.12
366                          -5.9766 GY   0.19
366                          -8.3672 GY   0.26
366                         -10.7578 GY   0.34
366                         -13.1484 GY   0.41
366                         -15.5390 GY   0.49
366                         -17.9297 GY   0.56
366  -255.0002 GY   0.60    2.30
```

366			-17.9297	GY	2.34
366			-15.5391	GY	2.41
366			-13.1485	GY	2.49
366			-10.7578	GY	2.56
366			-8.3672	GY	2.64
366			-5.9766	GY	2.71
366			-3.5859	GY	2.78
366			-1.1953	GY	2.85
334			-6.9810	GY	0.12
334			-20.9429	GY	0.28
334			-34.9048	GY	0.46
334			-48.8667	GY	0.64
334			-62.8286	GY	0.82
334			-76.7906	GY	1.00
334			-90.7525	GY	1.18
334			-104.7144	GY	1.36
334	-616.2503	GY 1.45	1.85		
334			-104.7144	GY	1.94
334			-90.7525	GY	2.12
334			-76.7906	GY	2.30
334			-62.8286	GY	2.48
334			-48.8667	GY	2.66
334			-34.9048	GY	2.84
334			-20.9429	GY	3.02
334			-6.9810	GY	3.18
383			-6.9810	GY	0.12
383			-20.9429	GY	0.28
383			-34.9048	GY	0.46
383			-48.8667	GY	0.64
383			-62.8286	GY	0.82
383			-76.7906	GY	1.00
383			-90.7525	GY	1.18
383			-104.7144	GY	1.36
383			-104.7143	GY	1.54
383			-90.7523	GY	1.72
383			-76.7905	GY	1.90
383			-62.8286	GY	2.08
383			-48.8667	GY	2.26
383			-34.9048	GY	2.44
383			-20.9429	GY	2.62
383			-6.9810	GY	2.78
339			-6.9809	GY	0.12
339			-20.9429	GY	0.28
339			-34.9048	GY	0.46
339			-48.8666	GY	0.64
339			-62.8285	GY	0.82
339			-76.7905	GY	1.00
339			-90.7523	GY	1.18
339			-104.7142	GY	1.36
339	-616.2496	GY 1.45	1.85		
339			-104.7143	GY	1.94
339			-90.7524	GY	2.12
339			-76.7905	GY	2.30
339			-62.8286	GY	2.48
339			-48.8667	GY	2.66
339			-34.9048	GY	2.84

```
339                          -20.9429 GY   3.02
339                           -6.9810 GY   3.18
375                           -6.9810 GY   0.12
375                          -20.9429 GY   0.28
375                          -34.9048 GY   0.46
375                          -48.8667 GY   0.64
375                          -62.8286 GY   0.82
375                          -76.7906 GY   1.00
375                          -90.7525 GY   1.18
375                         -104.7144 GY   1.36
375                         -104.7143 GY   1.54
375                          -90.7523 GY   1.72
375                          -76.7905 GY   1.90
375                          -62.8286 GY   2.08
375                          -48.8667 GY   2.26
375                          -34.9048 GY   2.44
375                          -20.9429 GY   2.62
375                           -6.9810 GY   2.78
401                           -9.5957 GY   0.14
401                          -28.7871 GY   0.33
401                          -47.9785 GY   0.54
401                          -67.1699 GY   0.75
401                          -86.3613 GY   0.96
401                         -105.5527 GY   1.17
401                         -124.7441 GY   1.38
401                         -143.9355 GY   1.60
401  -722.5000 GY   1.70    2.50
401                         -143.9356 GY   2.60
401                         -124.7442 GY   2.82
401                         -105.5527 GY   3.03
401                          -86.3613 GY   3.24
401                          -67.1699 GY   3.45
401                          -47.9785 GY   3.66
401                          -28.7871 GY   3.87
401                           -9.5957 GY   4.06
450                           -8.5000 GY   0.13
450                          -25.5000 GY   0.31
450                          -42.5000 GY   0.51
450                          -59.5000 GY   0.70
450                          -76.5000 GY   0.90
450                          -93.5000 GY   1.10
450                         -110.5000 GY   1.30
450                         -127.5000 GY   1.50
451                           -8.5332 GY   0.01
451                           -8.5996 GY   0.02
451                           -8.6660 GY   0.03
451                           -8.7324 GY   0.04
451                           -8.7988 GY   0.06
451                           -8.8652 GY   0.07
451                           -8.9316 GY   0.08
451                           -8.9980 GY   0.09
451                         -143.9356 GY   0.20
451                         -124.7442 GY   0.42
451                         -105.5527 GY   0.63
451                          -86.3613 GY   0.84
451                          -67.1699 GY   1.05
```

451			-47.9785	GY	1.26
451			-28.7871	GY	1.47
451			-9.5957	GY	1.66
407			-9.5957	GY	0.14
407			-28.7871	GY	0.33
407			-47.9785	GY	0.54
407			-67.1699	GY	0.75
407			-86.3613	GY	0.96
407			-105.5527	GY	1.17
407			-124.7441	GY	1.38
407			-143.9355	GY	1.60
407	-722.5000	GY 1.70	2.50		
407			-143.9356	GY	2.60
407			-124.7442	GY	2.82
407			-105.5527	GY	3.03
407			-86.3613	GY	3.24
407			-67.1699	GY	3.45
407			-47.9785	GY	3.66
407			-28.7871	GY	3.87
407			-9.5957	GY	4.06
440			-9.5957	GY	0.14
440			-28.7871	GY	0.33
440			-47.9785	GY	0.54
440			-67.1699	GY	0.75
440			-86.3613	GY	0.96
440			-105.5527	GY	1.17
440			-124.7441	GY	1.38
440			-143.9355	GY	1.60
440			-143.9355	GY	1.80
440			-124.7441	GY	2.02
440			-105.5527	GY	2.23
440			-86.3613	GY	2.44
440			-67.1699	GY	2.65
440			-47.9785	GY	2.86
440			-28.7871	GY	3.07
440			-9.5957	GY	3.26
402			-2.1250	GY	0.07
402			-6.3750	GY	0.16
402			-10.6250	GY	0.25
402			-14.8750	GY	0.35
402			-19.1250	GY	0.45
402			-23.3750	GY	0.55
402			-27.6250	GY	0.65
402			-31.8750	GY	0.75
402	-340.0000	GY 0.80	2.85		
402			-31.8750	GY	2.90
402			-27.6250	GY	3.00
402			-23.3750	GY	3.10
402			-19.1250	GY	3.20
402			-14.8750	GY	3.30
402			-10.6250	GY	3.40
402			-6.3750	GY	3.49
402			-2.1250	GY	3.58
462			-2.1250	GY	0.07
462			-6.3750	GY	0.16
462			-10.6250	GY	0.25

```
462                          -14.8750 GY   0.35
462                          -19.1250 GY   0.45
462                          -23.3750 GY   0.55
462                          -27.6250 GY   0.65
462                          -31.8750 GY   0.75
462                          -31.8750 GY   0.85
462                          -27.6250 GY   0.95
462                          -23.3750 GY   1.05
462                          -19.1250 GY   1.15
462                          -14.8750 GY   1.25
462                          -10.6250 GY   1.35
462                           -6.3750 GY   1.44
462                           -2.1250 GY   1.53
405                           -2.1250 GY   0.07
405                           -6.3750 GY   0.16
405                          -10.6250 GY   0.25
405                          -14.8750 GY   0.35
405                          -19.1250 GY   0.45
405                          -23.3750 GY   0.55
405                          -27.6250 GY   0.65
405                          -31.8750 GY   0.75
405  -340.0000 GY   0.80    2.85
405                          -31.8750 GY   2.90
405                          -27.6250 GY   3.00
405                          -23.3750 GY   3.10
405                          -19.1250 GY   3.20
405                          -14.8750 GY   3.30
405                          -10.6250 GY   3.40
405                           -6.3750 GY   3.49
405                           -2.1250 GY   3.58
450                           -2.1250 GY   0.07
450                           -6.3750 GY   0.16
450                          -10.6250 GY   0.25
450                          -14.8750 GY   0.35
450                          -19.1250 GY   0.45
450                          -23.3750 GY   0.55
450                          -27.6250 GY   0.65
450                          -31.8750 GY   0.75
450                          -31.8750 GY   0.85
450                          -27.6250 GY   0.95
450                          -23.3750 GY   1.05
450                          -19.1250 GY   1.15
450                          -14.8750 GY   1.25
450                          -10.6250 GY   1.35
450                           -6.3750 GY   1.44
450                           -2.1250 GY   1.53
403                           -2.1250 GY   0.07
403                           -6.3750 GY   0.16
403                          -10.6250 GY   0.25
403                          -14.8750 GY   0.35
403                          -19.1250 GY   0.45
403                          -23.3750 GY   0.55
403                          -27.6250 GY   0.65
403                          -31.8750 GY   0.75
403  -340.0001 GY   0.80    2.85
403                          -31.8750 GY   2.90
```

```
403                          -27.6250 GY   3.00
403                          -23.3750 GY   3.10
403                          -19.1250 GY   3.20
403                          -14.8750 GY   3.30
403                          -10.6250 GY   3.40
403                           -6.3750 GY   3.49
403                           -2.1250 GY   3.58
467                           -2.1250 GY   0.07
467                           -6.3750 GY   0.16
467                          -10.6250 GY   0.25
467                          -14.8750 GY   0.35
467                          -19.1250 GY   0.45
467                          -23.3750 GY   0.55
467                          -27.6250 GY   0.65
467                          -31.8750 GY   0.75
467                          -31.8750 GY   0.85
467                          -27.6250 GY   0.95
467                          -23.3750 GY   1.05
467                          -19.1250 GY   1.15
467                          -14.8750 GY   1.25
467                          -10.6250 GY   1.35
467                           -6.3750 GY   1.44
467                           -2.1250 GY   1.53
406                           -2.1250 GY   0.07
406                           -6.3750 GY   0.16
406                          -10.6250 GY   0.25
406                          -14.8750 GY   0.35
406                          -19.1250 GY   0.45
406                          -23.3750 GY   0.55
406                          -27.6250 GY   0.65
406                          -31.8750 GY   0.75
406  -340.0000 GY   0.80    2.85
406                          -31.8750 GY   2.90
406                          -27.6250 GY   3.00
406                          -23.3750 GY   3.10
406                          -19.1250 GY   3.20
406                          -14.8750 GY   3.30
406                          -10.6250 GY   3.40
406                           -6.3750 GY   3.49
406                           -2.1250 GY   3.58
462                           -2.1250 GY   0.07
462                           -6.3750 GY   0.16
462                          -10.6250 GY   0.25
462                          -14.8750 GY   0.35
462                          -19.1250 GY   0.45
462                          -23.3750 GY   0.55
462                          -27.6250 GY   0.65
462                          -31.8750 GY   0.75
462                          -31.8750 GY   0.85
462                          -27.6250 GY   0.95
462                          -23.3750 GY   1.05
462                          -19.1250 GY   1.15
462                          -14.8750 GY   1.25
462                          -10.6250 GY   1.35
462                           -6.3750 GY   1.44
462                           -2.1250 GY   1.53
```

```
404                          -9.5957 GY   0.14
404                         -28.7871 GY   0.33
404                         -47.9785 GY   0.54
404                         -67.1699 GY   0.75
404                         -86.3613 GY   0.96
404                        -105.5527 GY   1.17
404                        -124.7441 GY   1.38
404                        -143.9355 GY   1.60
404  -722.4998 GY   1.70    2.50
404                        -143.9355 GY   2.60
404                        -124.7441 GY   2.82
404                        -105.5527 GY   3.03
404                         -86.3613 GY   3.24
404                         -67.1699 GY   3.45
404                         -47.9785 GY   3.66
404                         -28.7871 GY   3.87
404                          -9.5957 GY   4.06
477                          -9.5957 GY   0.14
477                         -28.7871 GY   0.33
477                         -47.9785 GY   0.54
477                         -67.1699 GY   0.75
477                         -86.3613 GY   0.96
477                        -105.5527 GY   1.17
477                        -124.7441 GY   1.38
477                        -143.9355 GY   1.60
477                        -143.9355 GY   1.80
477                        -124.7441 GY   2.02
477                        -105.5527 GY   2.23
477                         -86.3613 GY   2.44
477                         -67.1699 GY   2.65
477                         -47.9785 GY   2.86
477                         -28.7871 GY   3.07
477                          -9.5957 GY   3.26
408                          -9.5957 GY   0.14
408                         -28.7871 GY   0.33
408                         -47.9785 GY   0.54
408                         -67.1700 GY   0.75
408                         -86.3614 GY   0.96
408                        -105.5528 GY   1.17
408                        -124.7442 GY   1.38
408                        -143.9357 GY   1.60
408  -722.5002 GY   1.70    2.50
408                        -143.9356 GY   2.60
408                        -124.7441 GY   2.82
408                        -105.5527 GY   3.03
408                         -86.3613 GY   3.24
408                         -67.1699 GY   3.45
408                         -47.9785 GY   3.66
408                         -28.7871 GY   3.87
408                          -9.5957 GY   4.06
468                          -8.5332 GY   0.01
468                          -8.5996 GY   0.02
468                          -8.6660 GY   0.03
468                          -8.7324 GY   0.04
468                          -8.7988 GY   0.06
468                          -8.8652 GY   0.07
```

468			-8.9316 GY	0.08	
468			-8.9980 GY	0.09	
468			-143.9357 GY	0.20	
468			-124.7442 GY	0.42	
468			-105.5528 GY	0.63	
468			-86.3614 GY	0.84	
468			-67.1700 GY	1.05	
468			-47.9786 GY	1.26	
468			-28.7871 GY	1.47	
468			-9.5957 GY	1.66	
467			-8.5000 GY	0.13	
467			-25.5000 GY	0.31	
467			-42.5000 GY	0.51	
467			-59.5001 GY	0.70	
467			-76.5001 GY	0.90	
467			-93.5001 GY	1.10	
467			-110.5001 GY	1.30	
467			-127.5001 GY	1.50	
405			-11.0587 GY	0.15	
405			-33.1761 GY	0.35	
405			-55.2936 GY	0.58	
405			-77.4110 GY	0.80	
405			-99.5284 GY	1.03	
405			-121.6459 GY	1.26	
405			-143.7633 GY	1.49	
405			-165.8807 GY	1.71	
405			-165.8807 GY	1.94	
405			-143.7633 GY	2.16	
405			-121.6459 GY	2.39	
405			-99.5284 GY	2.62	
405			-77.4110 GY	2.85	
405			-55.2936 GY	3.07	
405			-33.1761 GY	3.30	
405			-11.0587 GY	3.50	
463			-11.0587 GY	0.15	
463			-33.1761 GY	0.35	
463			-55.2936 GY	0.58	
463			-77.4110 GY	0.80	
463			-99.5284 GY	1.03	
463			-121.6459 GY	1.26	
463			-143.7633 GY	1.49	
463			-165.8807 GY	1.71	
463	-775.6249 GY	1.83	2.08		
463			-165.8807 GY	2.19	
463			-143.7633 GY	2.41	
463			-121.6459 GY	2.64	
463			-99.5284 GY	2.87	
463			-77.4110 GY	3.10	
463			-55.2936 GY	3.32	
463			-33.1761 GY	3.55	
463			-11.0587 GY	3.75	
411			-11.0587 GY	0.15	
411			-33.1761 GY	0.35	
411			-55.2936 GY	0.58	
411			-77.4110 GY	0.80	
411			-99.5284 GY	1.03	

411			-121.6459	GY	1.26
411			-143.7633	GY	1.49
411			-165.8807	GY	1.71
411			-165.8807	GY	1.94
411			-143.7633	GY	2.16
411			-121.6459	GY	2.39
411			-99.5284	GY	2.62
411			-77.4110	GY	2.85
411			-55.2936	GY	3.07
411			-33.1761	GY	3.30
411			-11.0587	GY	3.50
453			-24.4043	GY	0.04
453			-21.1504	GY	0.13
453			-17.8965	GY	0.22
453			-14.6426	GY	0.30
453			-11.3887	GY	0.39
453			-8.1348	GY	0.48
453			-4.8809	GY	0.56
453			-1.6270	GY	0.64
452			-2.3927	GY	0.00
452			-2.3969	GY	0.00
452			-2.4010	GY	0.01
452			-2.4052	GY	0.01
452			-2.4093	GY	0.01
452			-2.4135	GY	0.02
452			-2.4176	GY	0.02
452			-2.4218	GY	0.02
452	-775.6249	GY 0.03	0.28		
452			-104.8700	GY	0.34
452			-96.4654	GY	0.48
452			-88.0609	GY	0.63
452			-79.6564	GY	0.77
452			-71.2518	GY	0.91
452			-62.8473	GY	1.05
452			-54.4427	GY	1.19
452			-46.0382	GY	1.33
451			-10.7578	GY	0.15
451			-32.2734	GY	0.35
451			-53.7891	GY	0.57
451			-75.3047	GY	0.79
451			-96.8203	GY	1.02
451			-118.3359	GY	1.24
451			-139.8516	GY	1.47
451			-161.3672	GY	1.69
406			-11.0587	GY	0.15
406			-33.1762	GY	0.35
406			-55.2936	GY	0.58
406			-77.4110	GY	0.80
406			-99.5285	GY	1.03
406			-121.6459	GY	1.26
406			-143.7633	GY	1.49
406			-165.8808	GY	1.71
406			-165.8807	GY	1.94
406			-143.7633	GY	2.16
406			-121.6459	GY	2.39
406			-99.5284	GY	2.62

406			-77.4110	GY	2.85
406			-55.2936	GY	3.07
406			-33.1761	GY	3.30
406			-11.0587	GY	3.50
468			-10.7578	GY	0.15
468			-32.2734	GY	0.35
468			-53.7891	GY	0.57
468			-75.3047	GY	0.79
468			-96.8203	GY	1.02
468			-118.3360	GY	1.24
468			-139.8516	GY	1.47
468			-161.3672	GY	1.69
469			-2.3927	GY	0.00
469			-2.3968	GY	0.00
469			-2.4010	GY	0.01
469			-2.4051	GY	0.01
469			-2.4093	GY	0.01
469			-2.4134	GY	0.02
469			-2.4176	GY	0.02
469			-2.4217	GY	0.02
469	-775.6249	GY 0.02	0.27		
469			-104.8700	GY	0.34
469			-96.4655	GY	0.48
469			-88.0609	GY	0.63
469			-79.6564	GY	0.77
469			-71.2518	GY	0.91
469			-62.8473	GY	1.05
469			-54.4427	GY	1.19
469			-46.0382	GY	1.33
470			-24.4043	GY	0.04
470			-21.1504	GY	0.13
470			-17.8965	GY	0.22
470			-14.6426	GY	0.30
470			-11.3887	GY	0.39
470			-8.1348	GY	0.48
470			-4.8809	GY	0.56
470			-1.6270	GY	0.64
412			-11.0587	GY	0.15
412			-33.1762	GY	0.35
412			-55.2936	GY	0.58
412			-77.4110	GY	0.80
412			-99.5285	GY	1.03
412			-121.6459	GY	1.26
412			-143.7634	GY	1.49
412			-165.8808	GY	1.71
412			-165.8808	GY	1.94
412			-143.7633	GY	2.16
412			-121.6459	GY	2.39
412			-99.5285	GY	2.62
412			-77.4110	GY	2.85
412			-55.2936	GY	3.07
412			-33.1762	GY	3.30
412			-11.0587	GY	3.50
463			-11.0587	GY	0.15
463			-33.1761	GY	0.35
463			-55.2936	GY	0.58

463			-77.4110	GY	0.80
463			-99.5284	GY	1.03
463			-121.6459	GY	1.26
463			-143.7633	GY	1.49
463			-165.8807	GY	1.71
463	-775.6252	GY 1.82	2.07		
463			-165.8808	GY	2.19
463			-143.7634	GY	2.41
463			-121.6459	GY	2.64
463			-99.5285	GY	2.87
463			-77.4110	GY	3.10
463			-55.2936	GY	3.32
463			-33.1762	GY	3.55
463			-11.0587	GY	3.75
407			-1.6270	GY	0.06
407			-4.8809	GY	0.14
407			-8.1348	GY	0.22
407			-11.3887	GY	0.31
407			-14.6426	GY	0.40
407			-17.8965	GY	0.48
407			-21.1504	GY	0.57
407			-24.4043	GY	0.66
407	-297.5001	GY 0.70	3.50		
407			-24.4043	GY	3.54
407			-21.1504	GY	3.63
407			-17.8965	GY	3.72
407			-14.6426	GY	3.80
407			-11.3887	GY	3.89
407			-8.1348	GY	3.98
407			-4.8809	GY	4.06
407			-1.6270	GY	4.14
452			-1.6270	GY	0.06
452			-4.8809	GY	0.14
452			-8.1348	GY	0.22
452			-11.3887	GY	0.31
452			-14.6426	GY	0.40
452			-17.8965	GY	0.48
452			-21.1504	GY	0.57
452			-24.4043	GY	0.66
452			-24.4043	GY	0.74
452			-21.1504	GY	0.83
452			-17.8965	GY	0.92
452			-14.6426	GY	1.00
452			-11.3887	GY	1.09
452			-8.1348	GY	1.18
452			-4.8809	GY	1.26
452			-1.6270	GY	1.34
409			-1.6270	GY	0.06
409			-4.8809	GY	0.14
409			-8.1348	GY	0.22
409			-11.3887	GY	0.31
409			-14.6426	GY	0.40
409			-17.8965	GY	0.48
409			-21.1504	GY	0.57
409			-24.4043	GY	0.66
409	-297.4999	GY 0.70	3.50		

```
409                          -24.4043 GY   3.54
409                          -21.1504 GY   3.63
409                          -17.8965 GY   3.72
409                          -14.6426 GY   3.80
409                          -11.3887 GY   3.89
409                           -8.1348 GY   3.98
409                           -4.8809 GY   4.06
409                           -1.6270 GY   4.14
441                           -1.6270 GY   0.06
441                           -4.8809 GY   0.14
441                           -8.1348 GY   0.22
441                          -11.3887 GY   0.31
441                          -14.6426 GY   0.40
441                          -17.8965 GY   0.48
441                          -21.1504 GY   0.57
441                          -24.4043 GY   0.66
441                          -24.4043 GY   0.74
441                          -21.1504 GY   0.83
441                          -17.8965 GY   0.92
441                          -14.6426 GY   1.00
441                          -11.3887 GY   1.09
441                           -8.1348 GY   1.18
441                           -4.8809 GY   1.26
441                           -1.6270 GY   1.34
408                           -1.6270 GY   0.06
408                           -4.8809 GY   0.14
408                           -8.1348 GY   0.22
408                          -11.3887 GY   0.31
408                          -14.6426 GY   0.40
408                          -17.8965 GY   0.48
408                          -21.1504 GY   0.57
408                          -24.4043 GY   0.66
408  -297.4999 GY   0.70    3.50
408                          -24.4043 GY   3.54
408                          -21.1504 GY   3.63
408                          -17.8965 GY   3.72
408                          -14.6426 GY   3.80
408                          -11.3887 GY   3.89
408                           -8.1348 GY   3.98
408                           -4.8809 GY   4.06
408                           -1.6270 GY   4.14
478                           -1.6270 GY   0.06
478                           -4.8809 GY   0.14
478                           -8.1348 GY   0.22
478                          -11.3887 GY   0.31
478                          -14.6426 GY   0.40
478                          -17.8965 GY   0.48
478                          -21.1504 GY   0.57
478                          -24.4043 GY   0.66
478                          -24.4043 GY   0.74
478                          -21.1504 GY   0.83
478                          -17.8965 GY   0.92
478                          -14.6426 GY   1.00
478                          -11.3887 GY   1.09
478                           -8.1348 GY   1.18
478                           -4.8809 GY   1.26
```

```
478                          -1.6270 GY   1.34
410                          -1.6270 GY   0.06
410                          -4.8809 GY   0.14
410                          -8.1348 GY   0.22
410                         -11.3887 GY   0.31
410                         -14.6426 GY   0.40
410                         -17.8965 GY   0.48
410                         -21.1504 GY   0.57
410                         -24.4043 GY   0.66
410  -297.5001 GY   0.70    3.50
410                         -24.4043 GY   3.54
410                         -21.1504 GY   3.63
410                         -17.8965 GY   3.72
410                         -14.6426 GY   3.80
410                         -11.3887 GY   3.89
410                          -8.1348 GY   3.98
410                          -4.8809 GY   4.06
410                          -1.6270 GY   4.14
469                          -1.6270 GY   0.06
469                          -4.8809 GY   0.14
469                          -8.1348 GY   0.22
469                         -11.3887 GY   0.31
469                         -14.6426 GY   0.40
469                         -17.8965 GY   0.48
469                         -21.1504 GY   0.57
469                         -24.4043 GY   0.66
469                         -24.4043 GY   0.74
469                         -21.1504 GY   0.83
469                         -17.8965 GY   0.92
469                         -14.6426 GY   1.00
469                         -11.3887 GY   1.09
469                          -8.1348 GY   1.18
469                          -4.8809 GY   1.26
469                          -1.6270 GY   1.34
409                         -14.6426 GY   0.18
409                         -43.9277 GY   0.41
409                         -73.2129 GY   0.67
409                        -102.4980 GY   0.93
409                        -131.7832 GY   1.19
409                        -161.0684 GY   1.45
409                        -190.3535 GY   1.71
409                        -219.6387 GY   1.97
409                        -219.6387 GY   2.23
409                        -190.3535 GY   2.49
409                        -161.0684 GY   2.75
409                        -131.7832 GY   3.01
409                        -102.4980 GY   3.28
409                         -73.2129 GY   3.54
409                         -43.9277 GY   3.79
409                         -14.6426 GY   4.03
453                          -1.6270 GY   0.06
453                          -4.8809 GY   0.14
453                          -8.1348 GY   0.22
453                         -11.3887 GY   0.31
453                         -14.6426 GY   0.40
453                         -17.8965 GY   0.48
```

```
453                          -21.1504 GY   0.57
453                          -24.4043 GY   0.66
454                          -58.5703 GY   0.09
454                          -71.5859 GY   0.27
454                          -84.6016 GY   0.44
454                          -97.6172 GY   0.61
454                         -110.6328 GY   0.79
454                         -123.6485 GY   0.96
454                         -136.6641 GY   1.14
454                         -149.6797 GY   1.31
454  -892.5001 GY   1.40    2.00
454                         -219.6387 GY   2.13
454                         -190.3535 GY   2.39
454                         -161.0684 GY   2.65
454                         -131.7832 GY   2.91
454                         -102.4980 GY   3.17
454                          -73.2129 GY   3.43
454                          -43.9277 GY   3.69
454                          -14.6426 GY   3.92
414                          -28.9863 GY   0.02
414                          -29.5840 GY   0.06
414                          -30.1817 GY   0.09
414                          -30.7793 GY   0.13
414                          -31.3770 GY   0.17
414                          -31.9746 GY   0.21
414                          -32.5723 GY   0.24
414                          -33.1699 GY   0.28
414                         -219.6387 GY   0.43
414                         -190.3535 GY   0.69
414                         -161.0684 GY   0.95
414                         -131.7832 GY   1.21
414                         -102.4981 GY   1.48
414                          -73.2129 GY   1.74
414                          -43.9277 GY   1.99
414                          -14.6426 GY   2.23
413                          -10.7578 GY   0.15
413                          -32.2734 GY   0.35
413                          -53.7891 GY   0.57
413                          -75.3047 GY   0.79
413                          -96.8203 GY   1.02
413                         -118.3359 GY   1.24
413                         -139.8516 GY   1.47
413                         -161.3672 GY   1.69
442                          -14.6426 GY   0.17
442                          -43.9277 GY   0.41
442                          -73.2129 GY   0.66
442                         -102.4980 GY   0.92
442                         -131.7832 GY   1.19
442                         -161.0684 GY   1.45
442                         -190.3535 GY   1.71
442                         -219.6387 GY   1.97
442  -892.5001 GY   2.10    2.70
442                         -219.6387 GY   2.83
442                         -190.3536 GY   3.09
442                         -161.0684 GY   3.35
442                         -131.7832 GY   3.61
```

442			-102.4981	GY	3.87
442			-73.2129	GY	4.14
442			-43.9277	GY	4.39
442			-14.6426	GY	4.62
410			-14.6426	GY	0.18
410			-43.9277	GY	0.41
410			-73.2129	GY	0.67
410			-102.4980	GY	0.93
410			-131.7832	GY	1.19
410			-161.0683	GY	1.45
410			-190.3535	GY	1.71
410			-219.6386	GY	1.97
410			-219.6385	GY	2.23
410			-190.3534	GY	2.49
410			-161.0683	GY	2.75
410			-131.7831	GY	3.01
410			-102.4980	GY	3.27
410			-73.2128	GY	3.53
410			-43.9277	GY	3.79
410			-14.6426	GY	4.02
479			-14.6426	GY	0.17
479			-43.9277	GY	0.41
479			-73.2128	GY	0.66
479			-102.4980	GY	0.92
479			-131.7831	GY	1.19
479			-161.0683	GY	1.45
479			-190.3534	GY	1.71
479			-219.6385	GY	1.97
479	-892.4998	GY	2.10	2.70	
479			-219.6387	GY	2.83
479			-190.3535	GY	3.09
479			-161.0683	GY	3.35
479			-131.7832	GY	3.61
479			-102.4980	GY	3.87
479			-73.2129	GY	4.14
479			-43.9277	GY	4.39
479			-14.6426	GY	4.62
418			-36.6562	GY	0.03
418			-37.7187	GY	0.08
418			-38.7812	GY	0.13
418			-39.8437	GY	0.18
418			-40.9062	GY	0.23
418			-41.9687	GY	0.28
418			-43.0312	GY	0.33
418			-44.0937	GY	0.38
418			-219.6387	GY	0.53
418			-190.3535	GY	0.79
418			-161.0684	GY	1.05
418			-131.7832	GY	1.31
418			-102.4980	GY	1.57
418			-73.2129	GY	1.83
418			-43.9277	GY	2.09
418			-14.6426	GY	2.32
417			-9.5957	GY	0.14
417			-28.7871	GY	0.33
417			-47.9785	GY	0.54

417			-67.1700	GY	0.75
417			-86.3614	GY	0.96
417			-105.5528	GY	1.17
417			-124.7442	GY	1.38
417			-143.9356	GY	1.60
471			-58.5703	GY	0.09
471			-71.5859	GY	0.27
471			-84.6015	GY	0.44
471			-97.6172	GY	0.61
471			-110.6328	GY	0.79
471			-123.6484	GY	0.96
471			-136.6640	GY	1.14
471			-149.6797	GY	1.31
471	-892.5002	GY 1.40	2.00		
471			-219.6387	GY	2.13
471			-190.3535	GY	2.39
471			-161.0684	GY	2.65
471			-131.7832	GY	2.91
471			-102.4981	GY	3.17
471			-73.2129	GY	3.43
471			-43.9277	GY	3.69
471			-14.6426	GY	3.92
470			-1.6270	GY	0.06
470			-4.8809	GY	0.14
470			-8.1348	GY	0.22
470			-11.3887	GY	0.31
470			-14.6426	GY	0.40
470			-17.8965	GY	0.48
470			-21.1504	GY	0.57
470			-24.4043	GY	0.66
411			-11.0587	GY	0.15
411			-33.1762	GY	0.35
411			-55.2936	GY	0.58
411			-77.4110	GY	0.80
411			-99.5285	GY	1.03
411			-121.6459	GY	1.26
411			-143.7633	GY	1.49
411			-165.8808	GY	1.71
411			-165.8807	GY	1.94
411			-143.7632	GY	2.16
411			-121.6458	GY	2.39
411			-99.5284	GY	2.62
411			-77.4110	GY	2.85
411			-55.2936	GY	3.07
411			-33.1761	GY	3.30
411			-11.0587	GY	3.50
464			-11.0587	GY	0.15
464			-33.1761	GY	0.35
464			-55.2935	GY	0.58
464			-77.4110	GY	0.80
464			-99.5284	GY	1.03
464			-121.6458	GY	1.26
464			-143.7632	GY	1.49
464			-165.8806	GY	1.71
464	-775.6247	GY 1.82	2.28		
464			-165.8806	GY	2.39

464			-143.7632	GY	2.61
464			-121.6458	GY	2.84
464			-99.5284	GY	3.07
464			-77.4110	GY	3.30
464			-55.2935	GY	3.52
464			-33.1761	GY	3.75
464			-11.0587	GY	3.95
415			-11.0587	GY	0.15
415			-33.1762	GY	0.35
415			-55.2936	GY	0.58
415			-77.4110	GY	0.80
415			-99.5285	GY	1.03
415			-121.6459	GY	1.26
415			-143.7633	GY	1.49
415			-165.8808	GY	1.71
415			-165.8807	GY	1.94
415			-143.7632	GY	2.16
415			-121.6458	GY	2.39
415			-99.5284	GY	2.62
415			-77.4110	GY	2.85
415			-55.2936	GY	3.07
415			-33.1761	GY	3.30
415			-11.0587	GY	3.50
454			-11.0587	GY	0.15
454			-33.1761	GY	0.35
454			-55.2936	GY	0.58
454			-77.4110	GY	0.80
454			-99.5284	GY	1.03
454			-121.6459	GY	1.26
454			-143.7633	GY	1.49
454			-165.8807	GY	1.71
454	-775.6252	GY 1.82	2.28		
454			-165.8807	GY	2.39
454			-143.7633	GY	2.61
454			-121.6459	GY	2.84
454			-99.5284	GY	3.07
454			-77.4110	GY	3.30
454			-55.2936	GY	3.52
454			-33.1761	GY	3.75
454			-11.0587	GY	3.95
412			-11.0587	GY	0.15
412			-33.1761	GY	0.35
412			-55.2936	GY	0.58
412			-77.4110	GY	0.80
412			-99.5284	GY	1.03
412			-121.6458	GY	1.26
412			-143.7632	GY	1.49
412			-165.8807	GY	1.71
412			-165.8808	GY	1.94
412			-143.7634	GY	2.16
412			-121.6459	GY	2.39
412			-99.5285	GY	2.62
412			-77.4110	GY	2.85
412			-55.2936	GY	3.07
412			-33.1762	GY	3.30
412			-11.0587	GY	3.50

```
471                          -11.0587 GY   0.15
471                          -33.1762 GY   0.35
471                          -55.2936 GY   0.58
471                          -77.4110 GY   0.80
471                          -99.5285 GY   1.03
471                         -121.6459 GY   1.26
471                         -143.7633 GY   1.49
471                         -165.8808 GY   1.71
471  -775.6253 GY   1.82    2.28
471                         -165.8808 GY   2.39
471                         -143.7633 GY   2.61
471                         -121.6459 GY   2.84
471                          -99.5285 GY   3.07
471                          -77.4110 GY   3.30
471                          -55.2936 GY   3.52
471                          -33.1762 GY   3.75
471                          -11.0587 GY   3.95
416                          -11.0587 GY   0.15
416                          -33.1762 GY   0.35
416                          -55.2936 GY   0.58
416                          -77.4110 GY   0.80
416                          -99.5285 GY   1.03
416                         -121.6459 GY   1.26
416                         -143.7633 GY   1.49
416                         -165.8808 GY   1.71
416                         -165.8807 GY   1.94
416                         -143.7633 GY   2.16
416                         -121.6459 GY   2.39
416                          -99.5284 GY   2.62
416                          -77.4110 GY   2.85
416                          -55.2936 GY   3.07
416                          -33.1761 GY   3.30
416                          -11.0587 GY   3.50
464                          -11.0587 GY   0.15
464                          -33.1761 GY   0.35
464                          -55.2935 GY   0.58
464                          -77.4110 GY   0.80
464                          -99.5284 GY   1.03
464                         -121.6458 GY   1.26
464                         -143.7632 GY   1.49
464                         -165.8806 GY   1.71
464  -775.6247 GY   1.82    2.28
464                         -165.8806 GY   2.39
464                         -143.7632 GY   2.61
464                         -121.6458 GY   2.84
464                          -99.5284 GY   3.07
464                          -77.4110 GY   3.30
464                          -55.2935 GY   3.52
464                          -33.1761 GY   3.75
464                          -11.0587 GY   3.95
413                           -2.6895 GY   0.08
413                           -8.0684 GY   0.17
413                          -13.4473 GY   0.28
413                          -18.8262 GY   0.40
413                          -24.2051 GY   0.51
413                          -29.5840 GY   0.62
```

```
413                          -34.9629 GY   0.73
413                          -40.3418 GY   0.84
413                          -40.3418 GY   0.95
413                          -34.9629 GY   1.07
413                          -29.5840 GY   1.18
413                          -24.2051 GY   1.29
413                          -18.8262 GY   1.40
413                          -13.4473 GY   1.51
413                           -8.0684 GY   1.62
413                           -2.6895 GY   1.72
449                           -2.6895 GY   0.08
449                           -8.0684 GY   0.18
449                          -13.4473 GY   0.29
449                          -18.8262 GY   0.40
449                          -24.2051 GY   0.51
449                          -29.5840 GY   0.62
449                          -34.9629 GY   0.73
449                          -40.3418 GY   0.85
449  -382.5000 GY   0.90    1.30
449                          -40.3418 GY   1.36
449                          -34.9629 GY   1.47
449                          -29.5840 GY   1.58
449                          -24.2051 GY   1.69
449                          -18.8262 GY   1.80
449                          -13.4473 GY   1.91
449                           -8.0684 GY   2.02
449                           -2.6895 GY   2.12
419                           -2.6895 GY   0.08
419                           -8.0684 GY   0.17
419                          -13.4473 GY   0.28
419                          -18.8262 GY   0.40
419                          -24.2051 GY   0.51
419                          -29.5840 GY   0.62
419                          -34.9629 GY   0.73
419                          -40.3418 GY   0.84
419                          -40.3418 GY   0.95
419                          -34.9629 GY   1.07
419                          -29.5840 GY   1.18
419                          -24.2051 GY   1.29
419                          -18.8262 GY   1.40
419                          -13.4473 GY   1.51
419                           -8.0684 GY   1.62
419                           -2.6895 GY   1.72
443                           -2.6895 GY   0.08
443                           -8.0684 GY   0.18
443                          -13.4473 GY   0.29
443                          -18.8262 GY   0.40
443                          -24.2051 GY   0.51
443                          -29.5840 GY   0.62
443                          -34.9629 GY   0.73
443                          -40.3418 GY   0.85
443  -382.5000 GY   0.90    1.30
443                          -40.3418 GY   1.36
443                          -34.9629 GY   1.47
443                          -29.5840 GY   1.58
443                          -24.2051 GY   1.69
```

```
443                          -18.8262 GY   1.80
443                          -13.4473 GY   1.91
443                           -8.0684 GY   2.02
443                           -2.6895 GY   2.12
414                           -4.0176 GY   0.09
414                          -12.0527 GY   0.21
414                          -20.0879 GY   0.35
414                          -28.1231 GY   0.48
414                          -36.1582 GY   0.62
414                          -44.1934 GY   0.76
414                          -52.2285 GY   0.90
414                          -60.2637 GY   1.03
414  -467.5002 GY   1.10    1.30
414                          -60.2637 GY   1.37
414                          -52.2285 GY   1.50
414                          -44.1934 GY   1.64
414                          -36.1582 GY   1.78
414                          -28.1230 GY   1.92
414                          -20.0879 GY   2.05
414                          -12.0527 GY   2.19
414                           -4.0176 GY   2.31
455                           -4.0176 GY   0.09
455                          -12.0527 GY   0.21
455                          -20.0879 GY   0.35
455                          -28.1230 GY   0.48
455                          -36.1582 GY   0.62
455                          -44.1934 GY   0.76
455                          -52.2285 GY   0.90
455                          -60.2637 GY   1.03
455                          -60.2636 GY   1.17
455                          -52.2285 GY   1.30
455                          -44.1933 GY   1.44
455                          -36.1582 GY   1.58
455                          -28.1230 GY   1.72
455                          -20.0879 GY   1.85
455                          -12.0527 GY   1.99
455                           -4.0176 GY   2.11
420                           -4.0176 GY   0.09
420                          -12.0527 GY   0.21
420                          -20.0879 GY   0.35
420                          -28.1230 GY   0.48
420                          -36.1582 GY   0.62
420                          -44.1933 GY   0.76
420                          -52.2285 GY   0.90
420                          -60.2636 GY   1.03
420  -467.4998 GY   1.10    1.30
420                          -60.2636 GY   1.37
420                          -52.2285 GY   1.50
420                          -44.1933 GY   1.64
420                          -36.1582 GY   1.78
420                          -28.1230 GY   1.92
420                          -20.0879 GY   2.05
420                          -12.0527 GY   2.19
420                           -4.0176 GY   2.31
449                           -4.0176 GY   0.09
449                          -12.0527 GY   0.21
```

```
449                          -20.0879 GY   0.35
449                          -28.1231 GY   0.48
449                          -36.1582 GY   0.62
449                          -44.1934 GY   0.76
449                          -52.2285 GY   0.90
449                          -60.2637 GY   1.03
449                          -60.2636 GY   1.17
449                          -52.2285 GY   1.30
449                          -44.1933 GY   1.44
449                          -36.1582 GY   1.58
449                          -28.1230 GY   1.72
449                          -20.0879 GY   1.85
449                          -12.0527 GY   1.99
449                           -4.0176 GY   2.11
472                           -7.4707 GY   0.12
472                          -22.4121 GY   0.29
472                          -37.3535 GY   0.47
472                          -52.2949 GY   0.66
472                          -67.2363 GY   0.85
472                          -82.1777 GY   1.03
472                          -97.1191 GY   1.22
472                         -112.0605 GY   1.41
472                         -112.0606 GY   1.59
472                          -97.1192 GY   1.78
472                          -82.1778 GY   1.97
472                          -67.2363 GY   2.15
472                          -52.2949 GY   2.34
472                          -37.3535 GY   2.52
472                          -22.4121 GY   2.71
472                           -7.4707 GY   2.87
422                         -112.0606 GY   0.29
422                          -97.1192 GY   0.48
422                          -82.1777 GY   0.67
422                          -67.2363 GY   0.85
422                          -52.2949 GY   1.04
422                          -37.3535 GY   1.23
422                          -22.4121 GY   1.41
422                           -7.4707 GY   1.58
422  -637.5000 GY   0.00    0.20
421                           -7.4707 GY   0.12
421                          -22.4121 GY   0.29
421                          -37.3535 GY   0.47
421                          -52.2949 GY   0.66
421                          -67.2363 GY   0.85
421                          -82.1777 GY   1.03
421                          -97.1190 GY   1.22
421                         -112.0604 GY   1.41
421  -637.4996 GY   1.50    5.60
456                          -31.8750 GY   0.05
456                          -27.6250 GY   0.15
456                          -23.3750 GY   0.25
456                          -19.1250 GY   0.35
456                          -14.8750 GY   0.45
456                          -10.6250 GY   0.55
456                           -6.3750 GY   0.64
456                           -2.1250 GY   0.73
```

```
455                          -7.4707 GY   0.12
455                         -22.4121 GY   0.29
455                         -37.3535 GY   0.47
455                         -52.2949 GY   0.66
455                         -67.2363 GY   0.85
455                         -82.1777 GY   1.03
455                         -97.1191 GY   1.22
455                        -112.0605 GY   1.41
455                         -54.1543 GY   1.54
455                         -50.9004 GY   1.63
455                         -47.6465 GY   1.72
455                         -44.3926 GY   1.81
455                         -41.1387 GY   1.89
455                         -37.8848 GY   1.98
455                         -34.6309 GY   2.07
455                         -31.3770 GY   2.16
416  -637.5000 GY   0.00    2.15
416                         -112.0605 GY   2.24
416                          -97.1191 GY   2.43
416                          -82.1777 GY   2.62
416                          -67.2363 GY   2.80
416                          -52.2949 GY   2.99
416                          -37.3535 GY   3.18
416                          -22.4121 GY   3.36
416                           -7.4707 GY   3.53
415  -637.5000 GY   1.50    3.65
415                          -7.4707 GY   0.12
415                         -22.4121 GY   0.29
415                         -37.3535 GY   0.47
415                         -52.2949 GY   0.66
415                         -67.2363 GY   0.85
415                         -82.1777 GY   1.03
415                         -97.1191 GY   1.22
415                        -112.0605 GY   1.41
417                          -2.3989 GY   0.07
417                          -7.1968 GY   0.17
417                         -11.9946 GY   0.27
417                         -16.7925 GY   0.37
417                         -21.5903 GY   0.48
417                         -26.3882 GY   0.59
417                         -31.1860 GY   0.69
417                         -35.9839 GY   0.80
417                         -35.9839 GY   0.90
417                         -31.1860 GY   1.01
417                         -26.3882 GY   1.11
417                         -21.5903 GY   1.22
417                         -16.7925 GY   1.33
417                         -11.9946 GY   1.43
417                          -7.1968 GY   1.53
417                          -2.3989 GY   1.63
476                          -2.3989 GY   0.07
476                          -7.1968 GY   0.17
476                         -11.9946 GY   0.27
476                         -16.7925 GY   0.37
476                         -21.5904 GY   0.48
476                         -26.3882 GY   0.59
```

476			-31.1861	GY	0.69
476			-35.9839	GY	0.80
476	-361.2502	GY	0.85	2.15	
476			-35.9840	GY	2.20
476			-31.1861	GY	2.31
476			-26.3882	GY	2.41
476			-21.5904	GY	2.52
476			-16.7925	GY	2.63
476			-11.9947	GY	2.73
476			-7.1968	GY	2.83
476			-2.3989	GY	2.93
424			-31.8751	GY	0.05
424			-27.6251	GY	0.15
424			-23.3751	GY	0.25
424			-19.1251	GY	0.35
424			-14.8751	GY	0.45
424			-10.6250	GY	0.55
424			-6.3750	GY	0.64
424			-2.1250	GY	0.73
423			-2.3989	GY	0.07
423			-7.1968	GY	0.17
423			-11.9946	GY	0.27
423			-16.7925	GY	0.37
423			-21.5904	GY	0.48
423			-26.3882	GY	0.59
423			-31.1861	GY	0.69
423			-35.9839	GY	0.80
423			-2.2495	GY	0.85
423			-2.2329	GY	0.86
423			-2.2163	GY	0.87
423			-2.1997	GY	0.87
423			-2.1831	GY	0.88
423			-2.1665	GY	0.88
423			-2.1499	GY	0.89
423			-2.1333	GY	0.90
472			-2.3989	GY	0.07
472			-7.1968	GY	0.17
472			-11.9946	GY	0.27
472			-16.7925	GY	0.37
472			-21.5904	GY	0.48
472			-26.3882	GY	0.59
472			-31.1861	GY	0.69
472			-35.9839	GY	0.80
472	-361.2502	GY	0.85	2.15	
472			-35.9840	GY	2.20
472			-31.1861	GY	2.31
472			-26.3882	GY	2.41
472			-21.5904	GY	2.52
472			-16.7925	GY	2.63
472			-11.9947	GY	2.73
472			-7.1968	GY	2.83
472			-2.3989	GY	2.93
418			-5.1880	GY	0.10
418			-15.5639	GY	0.24
418			-25.9399	GY	0.40
418			-36.3159	GY	0.55

418			-46.6918 GY	0.71
418			-57.0678 GY	0.86
418			-67.4437 GY	1.02
418			-77.8197 GY	1.17
418			-77.8198 GY	1.33
418			-67.4438 GY	1.48
418			-57.0678 GY	1.64
418			-46.6919 GY	1.79
418			-36.3159 GY	1.95
418			-25.9399 GY	2.10
418			-15.5640 GY	2.26
418			-5.1880 GY	2.40
480			-5.1880 GY	0.10
480			-15.5640 GY	0.24
480			-25.9399 GY	0.40
480			-36.3159 GY	0.55
480			-46.6919 GY	0.71
480			-57.0678 GY	0.86
480			-67.4438 GY	1.02
480			-77.8198 GY	1.17
480	-531.2500 GY	1.25	1.75	
480			-77.8198 GY	1.83
480			-67.4439 GY	1.98
480			-57.0679 GY	2.14
480			-46.6919 GY	2.29
480			-36.3159 GY	2.45
480			-25.9399 GY	2.60
480			-15.5640 GY	2.76
480			-5.1880 GY	2.90
425			-5.1880 GY	0.10
425			-15.5640 GY	0.24
425			-25.9399 GY	0.40
425			-36.3159 GY	0.55
425			-46.6919 GY	0.71
425			-57.0678 GY	0.86
425			-67.4438 GY	1.02
425			-77.8198 GY	1.17
425			-77.8198 GY	1.33
425			-67.4439 GY	1.48
425			-57.0679 GY	1.64
425			-46.6919 GY	1.79
425			-36.3159 GY	1.95
425			-25.9399 GY	2.10
425			-15.5640 GY	2.26
425			-5.1880 GY	2.40
476			-5.1880 GY	0.10
476			-15.5639 GY	0.24
476			-25.9399 GY	0.40
476			-36.3159 GY	0.55
476			-46.6918 GY	0.71
476			-57.0678 GY	0.86
476			-67.4438 GY	1.02
476			-77.8197 GY	1.17
476	-531.2496 GY	1.25	1.75	
476			-77.8198 GY	1.83
476			-67.4438 GY	1.98

476			-57.0678	GY	2.14
476			-46.6919	GY	2.29
476			-36.3159	GY	2.45
476			-25.9399	GY	2.60
476			-15.5640	GY	2.76
476			-5.1880	GY	2.90
456			-2.1250	GY	0.07
456			-6.3750	GY	0.16
456			-10.6250	GY	0.25
456			-14.8750	GY	0.35
456			-19.1250	GY	0.45
456			-23.3750	GY	0.55
456			-27.6250	GY	0.65
456			-31.8750	GY	0.75
457			-31.8750	GY	0.05
457			-27.6250	GY	0.15
457			-23.3750	GY	0.25
457			-19.1250	GY	0.35
457			-14.8750	GY	0.45
457			-10.6250	GY	0.55
457			-6.3750	GY	0.64
457			-2.1250	GY	0.73
426			-2.1250	GY	0.07
426			-6.3750	GY	0.16
426			-10.6250	GY	0.25
426			-14.8750	GY	0.35
426			-19.1250	GY	0.45
426			-23.3750	GY	0.55
426			-27.6250	GY	0.65
426			-31.8750	GY	0.75
426	-340.0001	GY	0.80	3.40	
426			-31.8750	GY	3.45
426			-27.6250	GY	3.55
426			-23.3750	GY	3.65
426			-19.1250	GY	3.75
426			-14.8750	GY	3.85
426			-10.6250	GY	3.95
426			-6.3750	GY	4.04
426			-2.1250	GY	4.13
445			-0.4980	GY	0.01
445			-0.4316	GY	0.02
445			-0.3652	GY	0.03
445			-0.2988	GY	0.04
445			-0.2324	GY	0.06
445			-0.1660	GY	0.07
445			-0.0996	GY	0.08
445			-0.0332	GY	0.09
444			-2.1250	GY	0.07
444			-6.3750	GY	0.16
444			-10.6250	GY	0.25
444			-14.8750	GY	0.35
444			-19.1250	GY	0.45
444			-23.3750	GY	0.55
444			-27.6250	GY	0.65
444			-31.8750	GY	0.75
444			-28.1231	GY	0.84

```
444                          -24.8692 GY   0.93
444                          -21.6152 GY   1.02
444                          -18.3613 GY   1.10
444                          -15.1074 GY   1.19
444                          -11.8535 GY   1.28
444                           -8.5996 GY   1.37
444                           -5.3457 GY   1.45
420  -340.0001 GY   0.00    1.60
420                          -31.8750 GY   1.65
420                          -27.6250 GY   1.75
420                          -23.3750 GY   1.85
420                          -19.1250 GY   1.95
420                          -14.8750 GY   2.05
420                          -10.6250 GY   2.15
420                           -6.3750 GY   2.24
420                           -2.1250 GY   2.33
419  -340.0001 GY   0.80    1.80
419                           -2.1250 GY   0.07
419                           -6.3750 GY   0.16
419                          -10.6250 GY   0.25
419                          -14.8750 GY   0.35
419                          -19.1250 GY   0.45
419                          -23.3750 GY   0.55
419                          -27.6250 GY   0.65
419                          -31.8750 GY   0.75
421                          -24.2051 GY   0.23
421                          -72.6153 GY   0.53
421                         -121.0255 GY   0.86
421                         -169.4357 GY   1.19
421                         -217.8458 GY   1.53
421                         -266.2560 GY   1.86
421                         -314.6662 GY   2.20
421                         -363.0764 GY   2.54
421 -1147.5002 GY   2.70    2.90
421                         -363.0763 GY   3.06
421                         -314.6661 GY   3.40
421                         -266.2560 GY   3.74
421                         -217.8458 GY   4.07
421                         -169.4356 GY   4.41
421                         -121.0254 GY   4.74
421                          -72.6153 GY   5.07
421                          -24.2051 GY   5.38
465                          -24.2051 GY   0.22
465                          -72.6152 GY   0.52
465                         -121.0254 GY   0.85
465                         -169.4355 GY   1.19
465                         -217.8457 GY   1.52
465                         -266.2559 GY   1.86
465                         -314.6660 GY   2.20
465                         -363.0762 GY   2.53
465                         -363.0763 GY   2.86
465                         -314.6661 GY   3.20
465                         -266.2560 GY   3.54
465                         -217.8458 GY   3.88
465                         -169.4356 GY   4.21
465                         -121.0254 GY   4.55
```

```
465                          -72.6153 GY   4.88
465                          -24.2051 GY   5.18
431                         -263.4668 GY   0.14
431                         -228.3379 GY   0.43
431                         -193.2090 GY   0.71
431                         -158.0801 GY   1.00
431                         -122.9512 GY   1.29
431                          -87.8223 GY   1.57
431                          -52.6934 GY   1.85
431                          -17.5645 GY   2.11
430                          -24.2051 GY   0.23
430                          -72.6152 GY   0.53
430                         -121.0254 GY   0.86
430                         -169.4356 GY   1.19
430                         -217.8457 GY   1.53
430                         -266.2559 GY   1.86
430                         -314.6661 GY   2.20
430                         -363.0762 GY   2.54
430 -1147.4999 GY   2.70    2.90
430                          -56.8439 GY   2.92
430                          -55.7814 GY   2.97
430                          -54.7189 GY   3.02
430                          -53.6564 GY   3.07
430                          -52.5939 GY   3.12
430                          -51.5314 GY   3.17
430                          -50.4689 GY   3.22
430                          -49.4064 GY   3.27
459                         -112.0606 GY   0.09
459                          -97.1192 GY   0.28
459                          -82.1777 GY   0.47
459                          -67.2363 GY   0.65
459                          -52.2949 GY   0.84
459                          -37.3535 GY   1.02
459                          -22.4121 GY   1.21
459                           -7.4707 GY   1.37
458                          -92.7364 GY   0.12
458                         -116.7091 GY   0.36
458                         -140.6817 GY   0.60
458                         -164.6544 GY   0.83
458                         -188.6270 GY   1.07
458                         -212.5997 GY   1.31
458                         -236.5723 GY   1.55
458                         -260.5450 GY   1.78
458                         -167.3438 GY   1.97
458                         -157.7813 GY   2.12
458                         -148.2188 GY   2.27
458                         -138.6563 GY   2.42
458                         -129.0938 GY   2.57
458                         -119.5313 GY   2.72
458                         -109.9688 GY   2.87
458                         -100.4063 GY   3.02
457                           -2.1250 GY   0.07
457                           -6.3750 GY   0.16
457                          -10.6250 GY   0.25
457                          -14.8750 GY   0.35
457                          -19.1250 GY   0.45
```

```
457                          -23.3750 GY   0.55
457                          -27.6250 GY   0.65
457                          -31.8751 GY   0.75
473  -552.4997 GY   1.30    2.00
473                           -5.6113 GY   0.11
473                          -16.8340 GY   0.25
473                          -28.0566 GY   0.41
473                          -39.2793 GY   0.57
473                          -50.5019 GY   0.73
473                          -61.7246 GY   0.90
473                          -72.9472 GY   1.06
473                          -84.1699 GY   1.22
474  -552.4997 GY   0.00    2.10
474                          -84.1698 GY   2.18
474                          -72.9472 GY   2.34
474                          -61.7246 GY   2.50
474                          -50.5019 GY   2.67
474                          -39.2793 GY   2.83
474                          -28.0566 GY   2.99
474                          -16.8340 GY   3.15
474                           -5.6113 GY   3.29
433                          -71.7187 GY   0.07
433                          -62.1562 GY   0.22
433                          -52.5937 GY   0.37
433                          -43.0312 GY   0.52
433                          -33.4687 GY   0.67
433                          -23.9062 GY   0.82
433                          -14.3437 GY   0.97
433                           -4.7812 GY   1.10
432                           -5.6113 GY   0.11
432                          -16.8340 GY   0.25
432                          -28.0566 GY   0.41
432                          -39.2793 GY   0.57
432                          -50.5019 GY   0.73
432                          -61.7246 GY   0.90
432                          -72.9472 GY   1.06
432                          -84.1698 GY   1.22
432                           -6.8731 GY   1.31
432                           -6.8067 GY   1.32
432                           -6.7403 GY   1.33
432                           -6.6738 GY   1.34
432                           -6.6074 GY   1.36
432                           -6.5410 GY   1.37
432                           -6.4746 GY   1.38
432                           -6.4082 GY   1.39
465                           -5.6113 GY   0.11
465                          -16.8340 GY   0.25
465                          -28.0566 GY   0.41
465                          -39.2793 GY   0.57
465                          -50.5020 GY   0.73
465                          -61.7246 GY   0.90
465                          -72.9473 GY   1.06
465                          -84.1699 GY   1.22
465  -552.5001 GY   1.30    4.10
465                          -84.1699 GY   4.18
465                          -72.9472 GY   4.34
```

465			-61.7246	GY	4.50
465			-50.5019	GY	4.67
465			-39.2793	GY	4.83
465			-28.0566	GY	4.99
465			-16.8340	GY	5.15
465			-5.6113	GY	5.29
423			-40.3418	GY	0.05
423			-34.9628	GY	0.17
423			-29.5840	GY	0.28
423			-24.2050	GY	0.39
423			-18.8262	GY	0.50
423			-13.4473	GY	0.61
423			-8.0683	GY	0.72
423			-2.6895	GY	0.82
422			-5.6113	GY	0.11
422			-16.8340	GY	0.25
422			-28.0567	GY	0.41
422			-39.2793	GY	0.57
422			-50.5020	GY	0.73
422			-61.7246	GY	0.90
422			-72.9473	GY	1.06
422			-84.1700	GY	1.22
422			-27.0937	GY	1.32
422			-26.0312	GY	1.37
422			-24.9687	GY	1.42
422			-23.9062	GY	1.47
422			-22.8437	GY	1.52
422			-21.7812	GY	1.57
422			-20.7187	GY	1.62
422			-19.6562	GY	1.67
481			-3.3203	GY	0.08
481			-9.9609	GY	0.19
481			-16.6016	GY	0.32
481			-23.2422	GY	0.44
481			-29.8828	GY	0.56
481			-36.5235	GY	0.69
481			-43.1641	GY	0.81
481			-49.8047	GY	0.94
481			-49.8048	GY	1.06
481			-43.1641	GY	1.19
481			-36.5235	GY	1.31
481			-29.8829	GY	1.44
481			-23.2422	GY	1.56
481			-16.6016	GY	1.68
481			-9.9610	GY	1.81
481			-3.3203	GY	1.92
427			-3.3203	GY	0.08
427			-9.9609	GY	0.19
427			-16.6016	GY	0.32
427			-23.2422	GY	0.44
427			-29.8828	GY	0.56
427			-36.5235	GY	0.69
427			-43.1641	GY	0.81
427			-49.8047	GY	0.94
427	-425.0004	GY 1.00	2.30		
427			-49.8048	GY	2.36

```
427                          -43.1641 GY   2.49
427                          -36.5235 GY   2.61
427                          -29.8829 GY   2.74
427                          -23.2422 GY   2.86
427                          -16.6016 GY   2.98
427                           -9.9610 GY   3.11
427                           -3.3203 GY   3.22
473                           -3.3203 GY   0.08
473                           -9.9609 GY   0.19
473                          -16.6016 GY   0.32
473                          -23.2422 GY   0.44
473                          -29.8828 GY   0.56
473                          -36.5234 GY   0.69
473                          -43.1641 GY   0.81
473                          -49.8047 GY   0.94
473                          -49.8047 GY   1.06
473                          -43.1641 GY   1.19
473                          -36.5235 GY   1.31
473                          -29.8828 GY   1.44
473                          -23.2422 GY   1.56
473                          -16.6016 GY   1.68
473                           -9.9609 GY   1.81
473                           -3.3203 GY   1.92
425                           -8.6328 GY   0.01
425                           -8.8984 GY   0.04
425                           -9.1640 GY   0.06
425                           -9.4296 GY   0.09
425                           -9.6953 GY   0.11
425                           -9.9609 GY   0.14
425                          -10.2265 GY   0.16
425                          -10.4921 GY   0.19
425  -425.0000 GY   0.20    1.50
425                          -49.8047 GY   1.56
425                          -43.1641 GY   1.69
425                          -36.5235 GY   1.81
425                          -29.8828 GY   1.94
425                          -23.2422 GY   2.06
425                          -16.6016 GY   2.18
425                           -9.9609 GY   2.31
425                           -3.3203 GY   2.42
424                           -2.1250 GY   0.07
424                           -6.3750 GY   0.16
424                          -10.6250 GY   0.25
424                          -14.8750 GY   0.35
424                          -19.1250 GY   0.45
424                          -23.3751 GY   0.55
424                          -27.6251 GY   0.65
424                          -31.8751 GY   0.75
426                           -7.9770 GY   0.13
426                          -23.9312 GY   0.30
426                          -39.8853 GY   0.49
426                          -55.8394 GY   0.68
426                          -71.7934 GY   0.88
426                          -87.7476 GY   1.07
426                         -103.7017 GY   1.26
426                         -119.6557 GY   1.46
```

```
426  -658.7501 GY   1.55    2.65
426                          -119.6557 GY   2.74
426                          -103.7017 GY   2.94
426                           -87.7476 GY   3.13
426                           -71.7934 GY   3.32
426                           -55.8394 GY   3.52
426                           -39.8853 GY   3.71
426                           -23.9312 GY   3.90
426                            -7.9770 GY   4.07
458                            -7.9770 GY   0.13
458                           -23.9311 GY   0.30
458                           -39.8852 GY   0.49
458                           -55.8393 GY   0.68
458                           -71.7934 GY   0.88
458                           -87.7475 GY   1.07
458                          -103.7016 GY   1.26
458                          -119.6557 GY   1.46
458                          -119.6558 GY   1.64
458                          -103.7017 GY   1.84
458                           -87.7476 GY   2.03
458                           -71.7935 GY   2.22
458                           -55.8394 GY   2.42
458                           -39.8853 GY   2.61
458                           -23.9312 GY   2.80
458                            -7.9771 GY   2.97
428                            -7.9770 GY   0.13
428                           -23.9311 GY   0.30
428                           -39.8852 GY   0.49
428                           -55.8393 GY   0.68
428                           -71.7934 GY   0.88
428                           -87.7475 GY   1.07
428                          -103.7016 GY   1.26
428                          -119.6557 GY   1.46
428  -658.7497 GY   1.55    2.65
428                          -119.6557 GY   2.74
428                          -103.7016 GY   2.94
428                           -87.7475 GY   3.13
428                           -71.7934 GY   3.32
428                           -55.8393 GY   3.52
428                           -39.8852 GY   3.71
428                           -23.9311 GY   3.90
428                            -7.9770 GY   4.07
446                            -7.9771 GY   0.13
446                           -23.9312 GY   0.30
446                           -39.8853 GY   0.49
446                           -55.8394 GY   0.68
446                           -71.7935 GY   0.88
446                           -87.7476 GY   1.07
446                          -103.7017 GY   1.26
446                          -119.6558 GY   1.46
446                          -119.6557 GY   1.64
446                          -103.7016 GY   1.84
446                           -87.7475 GY   2.03
446                           -71.7934 GY   2.22
446                           -55.8393 GY   2.42
446                           -39.8852 GY   2.61
```

446			-23.9311	GY	2.80
446			-7.9770	GY	2.97
427			-9.0396	GY	0.14
427			-27.1187	GY	0.32
427			-45.1978	GY	0.52
427			-63.2769	GY	0.73
427			-81.3560	GY	0.93
427			-99.4351	GY	1.14
427			-117.5142	GY	1.34
427			-135.5933	GY	1.55
427			-135.5932	GY	1.75
427			-117.5141	GY	1.96
427			-99.4350	GY	2.16
427			-81.3559	GY	2.37
427			-63.2768	GY	2.57
427			-45.1977	GY	2.78
427			-27.1186	GY	2.98
427			-9.0395	GY	3.16
482			-9.0395	GY	0.14
482			-27.1186	GY	0.32
482			-45.1977	GY	0.52
482			-63.2768	GY	0.73
482			-81.3559	GY	0.93
482			-99.4350	GY	1.14
482			-117.5141	GY	1.34
482			-135.5932	GY	1.55
482	-701.2498	GY	1.65	1.75	
482			-135.5932	GY	1.85
482			-117.5141	GY	2.06
482			-99.4350	GY	2.26
482			-81.3559	GY	2.47
482			-63.2768	GY	2.67
482			-45.1977	GY	2.88
482			-27.1186	GY	3.08
482			-9.0395	GY	3.26
434			-9.0395	GY	0.14
434			-27.1186	GY	0.32
434			-45.1977	GY	0.52
434			-63.2768	GY	0.73
434			-81.3559	GY	0.93
434			-99.4350	GY	1.14
434			-117.5141	GY	1.34
434			-135.5932	GY	1.55
434			-135.5933	GY	1.75
434			-117.5142	GY	1.96
434			-99.4351	GY	2.16
434			-81.3560	GY	2.37
434			-63.2769	GY	2.57
434			-45.1978	GY	2.78
434			-27.1187	GY	2.98
434			-9.0396	GY	3.16
474			-9.0396	GY	0.14
474			-27.1187	GY	0.32
474			-45.1978	GY	0.52
474			-63.2769	GY	0.73
474			-81.3560	GY	0.93

474			-99.4351 GY	1.14
474			-117.5142 GY	1.34
474			-135.5933 GY	1.55
474	-701.2502 GY	1.65	1.75	
474			-135.5933 GY	1.85
474			-117.5142 GY	2.06
474			-99.4351 GY	2.26
474			-81.3560 GY	2.47
474			-63.2769 GY	2.67
474			-45.1978 GY	2.88
474			-27.1187 GY	3.08
474			-9.0396 GY	3.26
428			-1.8677 GY	0.06
428			-5.6030 GY	0.15
428			-9.3384 GY	0.24
428			-13.0737 GY	0.33
428			-16.8091 GY	0.42
428			-20.5444 GY	0.52
428			-24.2798 GY	0.61
428			-28.0151 GY	0.70
428	-318.7500 GY	0.75	3.45	
428			-28.0151 GY	3.50
428			-24.2798 GY	3.59
428			-20.5444 GY	3.68
428			-16.8091 GY	3.78
428			-13.0737 GY	3.87
428			-9.3384 GY	3.96
428			-5.6030 GY	4.05
428			-1.8677 GY	4.14
459			-1.8677 GY	0.06
459			-5.6030 GY	0.15
459			-9.3384 GY	0.24
459			-13.0737 GY	0.33
459			-16.8091 GY	0.42
459			-20.5444 GY	0.52
459			-24.2798 GY	0.61
459			-28.0151 GY	0.70
459			-28.0151 GY	0.80
459			-24.2798 GY	0.89
459			-20.5444 GY	0.98
459			-16.8091 GY	1.08
459			-13.0737 GY	1.17
459			-9.3384 GY	1.26
459			-5.6030 GY	1.35
459			-1.8677 GY	1.44
429			-1.8677 GY	0.06
429			-5.6030 GY	0.15
429			-9.3384 GY	0.24
429			-13.0737 GY	0.33
429			-16.8091 GY	0.42
429			-20.5444 GY	0.52
429			-24.2798 GY	0.61
429			-28.0151 GY	0.70
429	-318.7500 GY	0.75	3.45	
429			-28.0151 GY	3.50
429			-24.2798 GY	3.59

429			-20.5444	GY	3.68
429			-16.8091	GY	3.78
429			-13.0737	GY	3.87
429			-9.3384	GY	3.96
429			-5.6030	GY	4.05
429			-1.8677	GY	4.14
447			-1.8677	GY	0.06
447			-5.6030	GY	0.15
447			-9.3384	GY	0.24
447			-13.0737	GY	0.33
447			-16.8091	GY	0.42
447			-20.5444	GY	0.52
447			-24.2798	GY	0.61
447			-28.0151	GY	0.70
447			-28.0151	GY	0.80
447			-24.2798	GY	0.89
447			-20.5444	GY	0.98
447			-16.8091	GY	1.08
447			-13.0737	GY	1.17
447			-9.3384	GY	1.26
447			-5.6030	GY	1.35
447			-1.8677	GY	1.44
429			-6.9810	GY	0.12
429			-20.9429	GY	0.28
429			-34.9048	GY	0.46
429			-48.8667	GY	0.64
429			-62.8286	GY	0.82
429			-76.7906	GY	1.00
429			-90.7525	GY	1.18
429			-104.7144	GY	1.36
429	-616.2503	GY 1.45	2.75		
429			-104.7144	GY	2.84
429			-90.7524	GY	3.02
429			-76.7905	GY	3.20
429			-62.8286	GY	3.38
429			-48.8667	GY	3.56
429			-34.9048	GY	3.74
429			-20.9429	GY	3.92
429			-6.9810	GY	4.08
460			-6.9810	GY	0.12
460			-20.9429	GY	0.28
460			-34.9048	GY	0.46
460			-48.8667	GY	0.64
460			-62.8286	GY	0.82
460			-76.7905	GY	1.00
460			-90.7524	GY	1.18
460			-104.7144	GY	1.36
460			-104.7142	GY	1.54
460			-90.7523	GY	1.72
460			-76.7904	GY	1.90
460			-62.8285	GY	2.08
460			-48.8666	GY	2.26
460			-34.9047	GY	2.44
460			-20.9428	GY	2.62
460			-6.9809	GY	2.78
435			-6.9810	GY	0.12

```
435                          -20.9429 GY   0.28
435                          -34.9048 GY   0.46
435                          -48.8667 GY   0.64
435                          -62.8286 GY   0.82
435                          -76.7905 GY   1.00
435                          -90.7524 GY   1.18
435                         -104.7143 GY   1.36
435  -616.2496 GY   1.45    2.75
435                         -104.7142 GY   2.84
435                          -90.7523 GY   3.02
435                          -76.7904 GY   3.20
435                          -62.8285 GY   3.38
435                          -48.8666 GY   3.56
435                          -34.9047 GY   3.74
435                          -20.9428 GY   3.92
435                           -6.9809 GY   4.08
448                           -6.9810 GY   0.12
448                          -20.9429 GY   0.28
448                          -34.9048 GY   0.46
448                          -48.8667 GY   0.64
448                          -62.8286 GY   0.82
448                          -76.7906 GY   1.00
448                          -90.7525 GY   1.18
448                         -104.7144 GY   1.36
448                         -104.7143 GY   1.54
448                          -90.7523 GY   1.72
448                          -76.7905 GY   1.90
448                          -62.8286 GY   2.08
448                          -48.8667 GY   2.26
448                          -34.9048 GY   2.44
448                          -20.9429 GY   2.62
448                           -6.9810 GY   2.78
430                           -6.9810 GY   0.12
430                          -20.9429 GY   0.28
430                          -34.9048 GY   0.46
430                          -48.8667 GY   0.64
430                          -62.8287 GY   0.82
430                          -76.7906 GY   1.00
430                          -90.7525 GY   1.18
430                         -104.7144 GY   1.36
430  -616.2503 GY   1.45    1.85
430                         -104.7144 GY   1.94
430                          -90.7525 GY   2.12
430                          -76.7906 GY   2.30
430                          -62.8287 GY   2.48
430                          -48.8667 GY   2.66
430                          -34.9048 GY   2.84
430                          -20.9429 GY   3.02
430                           -6.9810 GY   3.18
461                           -6.9810 GY   0.12
461                          -20.9429 GY   0.28
461                          -34.9048 GY   0.46
461                          -48.8667 GY   0.64
461                          -62.8287 GY   0.82
461                          -76.7906 GY   1.00
461                          -90.7525 GY   1.18
```

```
461                          -104.7144 GY   1.36
461                          -104.7143 GY   1.54
461                           -90.7524 GY   1.72
461                           -76.7905 GY   1.90
461                           -62.8286 GY   2.08
461                           -48.8667 GY   2.26
461                           -34.9048 GY   2.44
461                           -20.9429 GY   2.62
461                            -6.9810 GY   2.78
436                            -6.9810 GY   0.12
436                           -20.9429 GY   0.28
436                           -34.9048 GY   0.46
436                           -48.8667 GY   0.64
436                           -62.8286 GY   0.82
436                           -76.7905 GY   1.00
436                           -90.7524 GY   1.18
436                          -104.7143 GY   1.36
436  -616.2496 GY   1.45    1.85
436                          -104.7143 GY   1.94
436                           -90.7524 GY   2.12
436                           -76.7905 GY   2.30
436                           -62.8286 GY   2.48
436                           -48.8667 GY   2.66
436                           -34.9048 GY   2.84
436                           -20.9429 GY   3.02
436                            -6.9810 GY   3.18
460                            -6.9810 GY   0.12
460                           -20.9429 GY   0.28
460                           -34.9048 GY   0.46
460                           -48.8667 GY   0.64
460                           -62.8287 GY   0.82
460                           -76.7906 GY   1.00
460                           -90.7525 GY   1.18
460                          -104.7144 GY   1.36
460                          -104.7143 GY   1.54
460                           -90.7524 GY   1.72
460                           -76.7905 GY   1.90
460                           -62.8286 GY   2.08
460                           -48.8667 GY   2.26
460                           -34.9048 GY   2.44
460                           -20.9429 GY   2.62
460                            -6.9810 GY   2.78
466                            -6.9810 GY   0.12
466                           -20.9429 GY   0.28
466                           -34.9048 GY   0.46
466                           -48.8667 GY   0.64
466                           -62.8286 GY   0.82
466                           -76.7906 GY   1.00
466                           -90.7525 GY   1.18
466                          -104.7144 GY   1.36
466                          -104.7143 GY   1.54
466                           -90.7523 GY   1.72
466                           -76.7905 GY   1.90
466                           -62.8286 GY   2.08
466                           -48.8667 GY   2.26
466                           -34.9048 GY   2.44
```

466			-20.9429 GY	2.62
466			-6.9810 GY	2.78
437			-6.9809 GY	0.12
437			-20.9428 GY	0.28
437			-34.9047 GY	0.46
437			-48.8666 GY	0.64
437			-62.8285 GY	0.82
437			-76.7904 GY	1.00
437			-90.7523 GY	1.18
437			-104.7142 GY	1.36
437	-616.2496 GY	1.45	2.25	
437			-104.7143 GY	2.34
437			-90.7524 GY	2.52
437			-76.7905 GY	2.70
437			-62.8286 GY	2.88
437			-48.8667 GY	3.06
437			-34.9048 GY	3.24
437			-20.9429 GY	3.42
437			-6.9810 GY	3.58
461			-6.9810 GY	0.12
461			-20.9429 GY	0.28
461			-34.9048 GY	0.46
461			-48.8667 GY	0.64
461			-62.8286 GY	0.82
461			-76.7905 GY	1.00
461			-90.7524 GY	1.18
461			-104.7144 GY	1.36
461			-104.7142 GY	1.54
461			-90.7523 GY	1.72
461			-76.7904 GY	1.90
461			-62.8285 GY	2.08
461			-48.8666 GY	2.26
461			-34.9047 GY	2.44
461			-20.9428 GY	2.62
461			-6.9809 GY	2.78
432			-97.6173 GY	0.09
432			-84.6016 GY	0.26
432			-71.5860 GY	0.43
432			-58.5704 GY	0.61
432			-45.5547 GY	0.78
432			-32.5391 GY	0.96
432			-19.5235 GY	1.13
432			-6.5078 GY	1.28
431			-6.9810 GY	0.12
431			-20.9429 GY	0.28
431			-34.9048 GY	0.46
431			-48.8667 GY	0.64
431			-62.8286 GY	0.82
431			-76.7905 GY	1.00
431			-90.7524 GY	1.18
431			-104.7144 GY	1.36
431	-616.2503 GY	1.45	2.25	
431			-3.8433 GY	2.25
431			-3.8267 GY	2.26
431			-3.8101 GY	2.27
431			-3.7935 GY	2.27

```
431                          -3.7769 GY   2.28
431                          -3.7603 GY   2.28
431                          -3.7437 GY   2.29
431                          -3.7271 GY   2.30
433                          -1.1953 GY   0.05
433                          -3.5859 GY   0.12
433                          -5.9766 GY   0.19
433                          -8.3672 GY   0.26
433                         -10.7578 GY   0.34
433                         -13.1484 GY   0.41
433                         -15.5390 GY   0.49
433                         -17.9297 GY   0.56
433                         -17.9296 GY   0.64
433                         -15.5390 GY   0.71
433                         -13.1484 GY   0.79
433                         -10.7578 GY   0.86
433                          -8.3672 GY   0.94
433                          -5.9765 GY   1.01
433                          -3.5859 GY   1.08
433                          -1.1953 GY   1.15
475                          -1.1953 GY   0.05
475                          -3.5859 GY   0.12
475                          -5.9765 GY   0.19
475                          -8.3672 GY   0.26
475                         -10.7578 GY   0.34
475                         -13.1484 GY   0.41
475                         -15.5390 GY   0.49
475                         -17.9296 GY   0.56
475  -254.9998 GY   0.60    2.30
475                         -17.9297 GY   2.34
475                         -15.5391 GY   2.41
475                         -13.1484 GY   2.49
475                         -10.7578 GY   2.56
475                          -8.3672 GY   2.64
475                          -5.9766 GY   2.71
475                          -3.5859 GY   2.78
475                          -1.1953 GY   2.85
438                          -1.1953 GY   0.05
438                          -3.5859 GY   0.12
438                          -5.9766 GY   0.19
438                          -8.3672 GY   0.26
438                         -10.7578 GY   0.34
438                         -13.1485 GY   0.41
438                         -15.5391 GY   0.49
438                         -17.9297 GY   0.56
438                         -17.9297 GY   0.64
438                         -15.5391 GY   0.71
438                         -13.1484 GY   0.79
438                         -10.7578 GY   0.86
438                          -8.3672 GY   0.94
438                          -5.9766 GY   1.01
438                          -3.5859 GY   1.08
438                          -1.1953 GY   1.15
466                          -1.1953 GY   0.05
466                          -3.5859 GY   0.12
466                          -5.9766 GY   0.19
```

```
466                          -8.3672 GY   0.26
466                         -10.7578 GY   0.34
466                         -13.1484 GY   0.41
466                         -15.5390 GY   0.49
466                         -17.9297 GY   0.56
466  -255.0002 GY   0.60    2.30
466                         -17.9297 GY   2.34
466                         -15.5391 GY   2.41
466                         -13.1485 GY   2.49
466                         -10.7578 GY   2.56
466                          -8.3672 GY   2.64
466                          -5.9766 GY   2.71
466                          -3.5859 GY   2.78
466                          -1.1953 GY   2.85
434                          -6.9810 GY   0.12
434                         -20.9429 GY   0.28
434                         -34.9048 GY   0.46
434                         -48.8667 GY   0.64
434                         -62.8286 GY   0.82
434                         -76.7906 GY   1.00
434                         -90.7525 GY   1.18
434                        -104.7144 GY   1.36
434  -616.2503 GY   1.45    1.85
434                        -104.7144 GY   1.94
434                         -90.7525 GY   2.12
434                         -76.7906 GY   2.30
434                         -62.8286 GY   2.48
434                         -48.8667 GY   2.66
434                         -34.9048 GY   2.84
434                         -20.9429 GY   3.02
434                          -6.9810 GY   3.18
483                          -6.9810 GY   0.12
483                         -20.9429 GY   0.28
483                         -34.9048 GY   0.46
483                         -48.8667 GY   0.64
483                         -62.8286 GY   0.82
483                         -76.7906 GY   1.00
483                         -90.7525 GY   1.18
483                        -104.7144 GY   1.36
483                        -104.7143 GY   1.54
483                         -90.7523 GY   1.72
483                         -76.7905 GY   1.90
483                         -62.8286 GY   2.08
483                         -48.8667 GY   2.26
483                         -34.9048 GY   2.44
483                         -20.9429 GY   2.62
483                          -6.9810 GY   2.78
439                          -6.9809 GY   0.12
439                         -20.9429 GY   0.28
439                         -34.9048 GY   0.46
439                         -48.8666 GY   0.64
439                         -62.8285 GY   0.82
439                         -76.7905 GY   1.00
439                         -90.7523 GY   1.18
439                        -104.7142 GY   1.36
439  -616.2496 GY   1.45    1.85
```

439			-104.7143	GY	1.94
439			-90.7524	GY	2.12
439			-76.7905	GY	2.30
439			-62.8286	GY	2.48
439			-48.8667	GY	2.66
439			-34.9048	GY	2.84
439			-20.9429	GY	3.02
439			-6.9810	GY	3.18
475			-6.9810	GY	0.12
475			-20.9429	GY	0.28
475			-34.9048	GY	0.46
475			-48.8667	GY	0.64
475			-62.8286	GY	0.82
475			-76.7906	GY	1.00
475			-90.7525	GY	1.18
475			-104.7144	GY	1.36
475			-104.7143	GY	1.54
475			-90.7523	GY	1.72
475			-76.7905	GY	1.90
475			-62.8286	GY	2.08
475			-48.8667	GY	2.26
475			-34.9048	GY	2.44
475			-20.9429	GY	2.62
475			-6.9810	GY	2.78
501			-9.5957	GY	0.14
501			-28.7871	GY	0.33
501			-47.9785	GY	0.54
501			-67.1699	GY	0.75
501			-86.3613	GY	0.96
501			-105.5527	GY	1.17
501			-124.7441	GY	1.38
501			-143.9355	GY	1.60
501	-722.5000	GY	1.70	2.50	
501			-143.9356	GY	2.60
501			-124.7442	GY	2.82
501			-105.5527	GY	3.03
501			-86.3613	GY	3.24
501			-67.1699	GY	3.45
501			-47.9785	GY	3.66
501			-28.7871	GY	3.87
501			-9.5957	GY	4.06
550			-8.5000	GY	0.13
550			-25.5000	GY	0.31
550			-42.5000	GY	0.51
550			-59.5000	GY	0.70
550			-76.5000	GY	0.90
550			-93.5000	GY	1.10
550			-110.5000	GY	1.30
550			-127.5000	GY	1.50
551			-8.5332	GY	0.01
551			-8.5996	GY	0.02
551			-8.6660	GY	0.03
551			-8.7324	GY	0.04
551			-8.7988	GY	0.06
551			-8.8652	GY	0.07
551			-8.9316	GY	0.08

```
551                          -8.9980 GY   0.09
551                        -143.9356 GY   0.20
551                        -124.7442 GY   0.42
551                        -105.5527 GY   0.63
551                         -86.3613 GY   0.84
551                         -67.1699 GY   1.05
551                         -47.9785 GY   1.26
551                         -28.7871 GY   1.47
551                          -9.5957 GY   1.66
507                          -9.5957 GY   0.14
507                         -28.7871 GY   0.33
507                         -47.9785 GY   0.54
507                         -67.1699 GY   0.75
507                         -86.3613 GY   0.96
507                        -105.5527 GY   1.17
507                        -124.7441 GY   1.38
507                        -143.9355 GY   1.60
507  -722.5000 GY   1.70    2.50
507                        -143.9356 GY   2.60
507                        -124.7442 GY   2.82
507                        -105.5527 GY   3.03
507                         -86.3613 GY   3.24
507                         -67.1699 GY   3.45
507                         -47.9785 GY   3.66
507                         -28.7871 GY   3.87
507                          -9.5957 GY   4.06
540                          -9.5957 GY   0.14
540                         -28.7871 GY   0.33
540                         -47.9785 GY   0.54
540                         -67.1699 GY   0.75
540                         -86.3613 GY   0.96
540                        -105.5527 GY   1.17
540                        -124.7441 GY   1.38
540                        -143.9355 GY   1.60
540                        -143.9355 GY   1.80
540                        -124.7441 GY   2.02
540                        -105.5527 GY   2.23
540                         -86.3613 GY   2.44
540                         -67.1699 GY   2.65
540                         -47.9785 GY   2.86
540                         -28.7871 GY   3.07
540                          -9.5957 GY   3.26
502                          -2.1250 GY   0.07
502                          -6.3750 GY   0.16
502                         -10.6250 GY   0.25
502                         -14.8750 GY   0.35
502                         -19.1250 GY   0.45
502                         -23.3750 GY   0.55
502                         -27.6250 GY   0.65
502                         -31.8750 GY   0.75
502  -340.0000 GY   0.80    2.85
502                         -31.8750 GY   2.90
502                         -27.6250 GY   3.00
502                         -23.3750 GY   3.10
502                         -19.1250 GY   3.20
502                         -14.8750 GY   3.30
```

```
502                          -10.6250 GY   3.40
502                           -6.3750 GY   3.49
502                           -2.1250 GY   3.58
562                           -2.1250 GY   0.07
562                           -6.3750 GY   0.16
562                          -10.6250 GY   0.25
562                          -14.8750 GY   0.35
562                          -19.1250 GY   0.45
562                          -23.3750 GY   0.55
562                          -27.6250 GY   0.65
562                          -31.8750 GY   0.75
562                          -31.8750 GY   0.85
562                          -27.6250 GY   0.95
562                          -23.3750 GY   1.05
562                          -19.1250 GY   1.15
562                          -14.8750 GY   1.25
562                          -10.6250 GY   1.35
562                           -6.3750 GY   1.44
562                           -2.1250 GY   1.53
505                           -2.1250 GY   0.07
505                           -6.3750 GY   0.16
505                          -10.6250 GY   0.25
505                          -14.8750 GY   0.35
505                          -19.1250 GY   0.45
505                          -23.3750 GY   0.55
505                          -27.6250 GY   0.65
505                          -31.8750 GY   0.75
505  -340.0000 GY   0.80    2.85
505                          -31.8750 GY   2.90
505                          -27.6250 GY   3.00
505                          -23.3750 GY   3.10
505                          -19.1250 GY   3.20
505                          -14.8750 GY   3.30
505                          -10.6250 GY   3.40
505                           -6.3750 GY   3.49
505                           -2.1250 GY   3.58
550                           -2.1250 GY   0.07
550                           -6.3750 GY   0.16
550                          -10.6250 GY   0.25
550                          -14.8750 GY   0.35
550                          -19.1250 GY   0.45
550                          -23.3750 GY   0.55
550                          -27.6250 GY   0.65
550                          -31.8750 GY   0.75
550                          -31.8750 GY   0.85
550                          -27.6250 GY   0.95
550                          -23.3750 GY   1.05
550                          -19.1250 GY   1.15
550                          -14.8750 GY   1.25
550                          -10.6250 GY   1.35
550                           -6.3750 GY   1.44
550                           -2.1250 GY   1.53
503                           -2.1250 GY   0.07
503                           -6.3750 GY   0.16
503                          -10.6250 GY   0.25
503                          -14.8750 GY   0.35
```

```
503                          -19.1250 GY   0.45
503                          -23.3750 GY   0.55
503                          -27.6250 GY   0.65
503                          -31.8750 GY   0.75
503  -340.0001 GY   0.80    2.85
503                          -31.8750 GY   2.90
503                          -27.6250 GY   3.00
503                          -23.3750 GY   3.10
503                          -19.1250 GY   3.20
503                          -14.8750 GY   3.30
503                          -10.6250 GY   3.40
503                           -6.3750 GY   3.49
503                           -2.1250 GY   3.58
567                           -2.1250 GY   0.07
567                           -6.3750 GY   0.16
567                          -10.6250 GY   0.25
567                          -14.8750 GY   0.35
567                          -19.1250 GY   0.45
567                          -23.3750 GY   0.55
567                          -27.6250 GY   0.65
567                          -31.8750 GY   0.75
567                          -31.8750 GY   0.85
567                          -27.6250 GY   0.95
567                          -23.3750 GY   1.05
567                          -19.1250 GY   1.15
567                          -14.8750 GY   1.25
567                          -10.6250 GY   1.35
567                           -6.3750 GY   1.44
567                           -2.1250 GY   1.53
506                           -2.1250 GY   0.07
506                           -6.3750 GY   0.16
506                          -10.6250 GY   0.25
506                          -14.8750 GY   0.35
506                          -19.1250 GY   0.45
506                          -23.3750 GY   0.55
506                          -27.6250 GY   0.65
506                          -31.8750 GY   0.75
506  -340.0000 GY   0.80    2.85
506                          -31.8750 GY   2.90
506                          -27.6250 GY   3.00
506                          -23.3750 GY   3.10
506                          -19.1250 GY   3.20
506                          -14.8750 GY   3.30
506                          -10.6250 GY   3.40
506                           -6.3750 GY   3.49
506                           -2.1250 GY   3.58
562                           -2.1250 GY   0.07
562                           -6.3750 GY   0.16
562                          -10.6250 GY   0.25
562                          -14.8750 GY   0.35
562                          -19.1250 GY   0.45
562                          -23.3750 GY   0.55
562                          -27.6250 GY   0.65
562                          -31.8750 GY   0.75
562                          -31.8750 GY   0.85
562                          -27.6250 GY   0.95
```

562			-23.3750	GY	1.05
562			-19.1250	GY	1.15
562			-14.8750	GY	1.25
562			-10.6250	GY	1.35
562			-6.3750	GY	1.44
562			-2.1250	GY	1.53
504			-9.5957	GY	0.14
504			-28.7871	GY	0.33
504			-47.9785	GY	0.54
504			-67.1699	GY	0.75
504			-86.3613	GY	0.96
504			-105.5527	GY	1.17
504			-124.7441	GY	1.38
504			-143.9355	GY	1.60
504	-722.4998	GY 1.70	2.50		
504			-143.9355	GY	2.60
504			-124.7441	GY	2.82
504			-105.5527	GY	3.03
504			-86.3613	GY	3.24
504			-67.1699	GY	3.45
504			-47.9785	GY	3.66
504			-28.7871	GY	3.87
504			-9.5957	GY	4.06
577			-9.5957	GY	0.14
577			-28.7871	GY	0.33
577			-47.9785	GY	0.54
577			-67.1699	GY	0.75
577			-86.3613	GY	0.96
577			-105.5527	GY	1.17
577			-124.7441	GY	1.38
577			-143.9355	GY	1.60
577			-143.9355	GY	1.80
577			-124.7441	GY	2.02
577			-105.5527	GY	2.23
577			-86.3613	GY	2.44
577			-67.1699	GY	2.65
577			-47.9785	GY	2.86
577			-28.7871	GY	3.07
577			-9.5957	GY	3.26
508			-9.5957	GY	0.14
508			-28.7871	GY	0.33
508			-47.9785	GY	0.54
508			-67.1700	GY	0.75
508			-86.3614	GY	0.96
508			-105.5528	GY	1.17
508			-124.7442	GY	1.38
508			-143.9357	GY	1.60
508	-722.5002	GY 1.70	2.50		
508			-143.9356	GY	2.60
508			-124.7441	GY	2.82
508			-105.5527	GY	3.03
508			-86.3613	GY	3.24
508			-67.1699	GY	3.45
508			-47.9785	GY	3.66
508			-28.7871	GY	3.87
508			-9.5957	GY	4.06

568			-8.5332	GY	0.01
568			-8.5996	GY	0.02
568			-8.6660	GY	0.03
568			-8.7324	GY	0.04
568			-8.7988	GY	0.06
568			-8.8652	GY	0.07
568			-8.9316	GY	0.08
568			-8.9980	GY	0.09
568			-143.9357	GY	0.20
568			-124.7442	GY	0.42
568			-105.5528	GY	0.63
568			-86.3614	GY	0.84
568			-67.1700	GY	1.05
568			-47.9786	GY	1.26
568			-28.7871	GY	1.47
568			-9.5957	GY	1.66
567			-8.5000	GY	0.13
567			-25.5000	GY	0.31
567			-42.5000	GY	0.51
567			-59.5001	GY	0.70
567			-76.5001	GY	0.90
567			-93.5001	GY	1.10
567			-110.5001	GY	1.30
567			-127.5001	GY	1.50
505			-11.0587	GY	0.15
505			-33.1761	GY	0.35
505			-55.2936	GY	0.58
505			-77.4110	GY	0.80
505			-99.5284	GY	1.03
505			-121.6459	GY	1.26
505			-143.7633	GY	1.49
505			-165.8807	GY	1.71
505			-165.8807	GY	1.94
505			-143.7633	GY	2.16
505			-121.6459	GY	2.39
505			-99.5284	GY	2.62
505			-77.4110	GY	2.85
505			-55.2936	GY	3.07
505			-33.1761	GY	3.30
505			-11.0587	GY	3.50
563			-11.0587	GY	0.15
563			-33.1761	GY	0.35
563			-55.2936	GY	0.58
563			-77.4110	GY	0.80
563			-99.5284	GY	1.03
563			-121.6459	GY	1.26
563			-143.7633	GY	1.49
563			-165.8807	GY	1.71
563	-775.6249	GY 1.83	2.08		
563			-165.8807	GY	2.19
563			-143.7633	GY	2.41
563			-121.6459	GY	2.64
563			-99.5284	GY	2.87
563			-77.4110	GY	3.10
563			-55.2936	GY	3.32
563			-33.1761	GY	3.55

563			-11.0587	GY	3.75
511			-11.0587	GY	0.15
511			-33.1761	GY	0.35
511			-55.2936	GY	0.58
511			-77.4110	GY	0.80
511			-99.5284	GY	1.03
511			-121.6459	GY	1.26
511			-143.7633	GY	1.49
511			-165.8807	GY	1.71
511			-165.8807	GY	1.94
511			-143.7633	GY	2.16
511			-121.6459	GY	2.39
511			-99.5284	GY	2.62
511			-77.4110	GY	2.85
511			-55.2936	GY	3.07
511			-33.1761	GY	3.30
511			-11.0587	GY	3.50
553			-24.4043	GY	0.04
553			-21.1504	GY	0.13
553			-17.8965	GY	0.22
553			-14.6426	GY	0.30
553			-11.3887	GY	0.39
553			-8.1348	GY	0.48
553			-4.8809	GY	0.56
553			-1.6270	GY	0.64
552			-2.3927	GY	0.00
552			-2.3969	GY	0.00
552			-2.4010	GY	0.01
552			-2.4052	GY	0.01
552			-2.4093	GY	0.01
552			-2.4135	GY	0.02
552			-2.4176	GY	0.02
552			-2.4218	GY	0.02
552	-775.6249	GY	0.03		0.28
552			-104.8700	GY	0.34
552			-96.4654	GY	0.48
552			-88.0609	GY	0.63
552			-79.6564	GY	0.77
552			-71.2518	GY	0.91
552			-62.8473	GY	1.05
552			-54.4427	GY	1.19
552			-46.0382	GY	1.33
551			-10.7578	GY	0.15
551			-32.2734	GY	0.35
551			-53.7891	GY	0.57
551			-75.3047	GY	0.79
551			-96.8203	GY	1.02
551			-118.3359	GY	1.24
551			-139.8516	GY	1.47
551			-161.3672	GY	1.69
506			-11.0587	GY	0.15
506			-33.1762	GY	0.35
506			-55.2936	GY	0.58
506			-77.4110	GY	0.80
506			-99.5285	GY	1.03
506			-121.6459	GY	1.26

```
506                          -143.7633 GY   1.49
506                          -165.8808 GY   1.71
506                          -165.8807 GY   1.94
506                          -143.7633 GY   2.16
506                          -121.6459 GY   2.39
506                           -99.5284 GY   2.62
506                           -77.4110 GY   2.85
506                           -55.2936 GY   3.07
506                           -33.1761 GY   3.30
506                           -11.0587 GY   3.50
568                           -10.7578 GY   0.15
568                           -32.2734 GY   0.35
568                           -53.7891 GY   0.57
568                           -75.3047 GY   0.79
568                           -96.8203 GY   1.02
568                          -118.3360 GY   1.24
568                          -139.8516 GY   1.47
568                          -161.3672 GY   1.69
569                            -2.3927 GY   0.00
569                            -2.3968 GY   0.00
569                            -2.4010 GY   0.01
569                            -2.4051 GY   0.01
569                            -2.4093 GY   0.01
569                            -2.4134 GY   0.02
569                            -2.4176 GY   0.02
569                            -2.4217 GY   0.02
569  -775.6249 GY   0.02    0.27
569                          -104.8700 GY   0.34
569                           -96.4655 GY   0.48
569                           -88.0609 GY   0.63
569                           -79.6564 GY   0.77
569                           -71.2518 GY   0.91
569                           -62.8473 GY   1.05
569                           -54.4427 GY   1.19
569                           -46.0382 GY   1.33
570                           -24.4043 GY   0.04
570                           -21.1504 GY   0.13
570                           -17.8965 GY   0.22
570                           -14.6426 GY   0.30
570                           -11.3887 GY   0.39
570                            -8.1348 GY   0.48
570                            -4.8809 GY   0.56
570                            -1.6270 GY   0.64
512                           -11.0587 GY   0.15
512                           -33.1762 GY   0.35
512                           -55.2936 GY   0.58
512                           -77.4110 GY   0.80
512                           -99.5285 GY   1.03
512                          -121.6459 GY   1.26
512                          -143.7634 GY   1.49
512                          -165.8808 GY   1.71
512                          -165.8808 GY   1.94
512                          -143.7633 GY   2.16
512                          -121.6459 GY   2.39
512                           -99.5285 GY   2.62
512                           -77.4110 GY   2.85
```

```
512                          -55.2936 GY   3.07
512                          -33.1762 GY   3.30
512                          -11.0587 GY   3.50
563                          -11.0587 GY   0.15
563                          -33.1761 GY   0.35
563                          -55.2936 GY   0.58
563                          -77.4110 GY   0.80
563                          -99.5284 GY   1.03
563                         -121.6459 GY   1.26
563                         -143.7633 GY   1.49
563                         -165.8807 GY   1.71
563  -775.6252 GY   1.82    2.07
563                         -165.8808 GY   2.19
563                         -143.7634 GY   2.41
563                         -121.6459 GY   2.64
563                          -99.5285 GY   2.87
563                          -77.4110 GY   3.10
563                          -55.2936 GY   3.32
563                          -33.1762 GY   3.55
563                          -11.0587 GY   3.75
507                           -1.6270 GY   0.06
507                           -4.8809 GY   0.14
507                           -8.1348 GY   0.22
507                          -11.3887 GY   0.31
507                          -14.6426 GY   0.40
507                          -17.8965 GY   0.48
507                          -21.1504 GY   0.57
507                          -24.4043 GY   0.66
507  -297.5001 GY   0.70    3.50
507                          -24.4043 GY   3.54
507                          -21.1504 GY   3.63
507                          -17.8965 GY   3.72
507                          -14.6426 GY   3.80
507                          -11.3887 GY   3.89
507                           -8.1348 GY   3.98
507                           -4.8809 GY   4.06
507                           -1.6270 GY   4.14
552                           -1.6270 GY   0.06
552                           -4.8809 GY   0.14
552                           -8.1348 GY   0.22
552                          -11.3887 GY   0.31
552                          -14.6426 GY   0.40
552                          -17.8965 GY   0.48
552                          -21.1504 GY   0.57
552                          -24.4043 GY   0.66
552                          -24.4043 GY   0.74
552                          -21.1504 GY   0.83
552                          -17.8965 GY   0.92
552                          -14.6426 GY   1.00
552                          -11.3887 GY   1.09
552                           -8.1348 GY   1.18
552                           -4.8809 GY   1.26
552                           -1.6270 GY   1.34
509                           -1.6270 GY   0.06
509                           -4.8809 GY   0.14
509                           -8.1348 GY   0.22
```

```
509                          -11.3887 GY   0.31
509                          -14.6426 GY   0.40
509                          -17.8965 GY   0.48
509                          -21.1504 GY   0.57
509                          -24.4043 GY   0.66
509  -297.4999 GY   0.70    3.50
509                          -24.4043 GY   3.54
509                          -21.1504 GY   3.63
509                          -17.8965 GY   3.72
509                          -14.6426 GY   3.80
509                          -11.3887 GY   3.89
509                           -8.1348 GY   3.98
509                           -4.8809 GY   4.06
509                           -1.6270 GY   4.14
541                           -1.6270 GY   0.06
541                           -4.8809 GY   0.14
541                           -8.1348 GY   0.22
541                          -11.3887 GY   0.31
541                          -14.6426 GY   0.40
541                          -17.8965 GY   0.48
541                          -21.1504 GY   0.57
541                          -24.4043 GY   0.66
541                          -24.4043 GY   0.74
541                          -21.1504 GY   0.83
541                          -17.8965 GY   0.92
541                          -14.6426 GY   1.00
541                          -11.3887 GY   1.09
541                           -8.1348 GY   1.18
541                           -4.8809 GY   1.26
541                           -1.6270 GY   1.34
508                           -1.6270 GY   0.06
508                           -4.8809 GY   0.14
508                           -8.1348 GY   0.22
508                          -11.3887 GY   0.31
508                          -14.6426 GY   0.40
508                          -17.8965 GY   0.48
508                          -21.1504 GY   0.57
508                          -24.4043 GY   0.66
508  -297.4999 GY   0.70    3.50
508                          -24.4043 GY   3.54
508                          -21.1504 GY   3.63
508                          -17.8965 GY   3.72
508                          -14.6426 GY   3.80
508                          -11.3887 GY   3.89
508                           -8.1348 GY   3.98
508                           -4.8809 GY   4.06
508                           -1.6270 GY   4.14
578                           -1.6270 GY   0.06
578                           -4.8809 GY   0.14
578                           -8.1348 GY   0.22
578                          -11.3887 GY   0.31
578                          -14.6426 GY   0.40
578                          -17.8965 GY   0.48
578                          -21.1504 GY   0.57
578                          -24.4043 GY   0.66
578                          -24.4043 GY   0.74
```

```
578                          -21.1504 GY   0.83
578                          -17.8965 GY   0.92
578                          -14.6426 GY   1.00
578                          -11.3887 GY   1.09
578                           -8.1348 GY   1.18
578                           -4.8809 GY   1.26
578                           -1.6270 GY   1.34
510                           -1.6270 GY   0.06
510                           -4.8809 GY   0.14
510                           -8.1348 GY   0.22
510                          -11.3887 GY   0.31
510                          -14.6426 GY   0.40
510                          -17.8965 GY   0.48
510                          -21.1504 GY   0.57
510                          -24.4043 GY   0.66
510  -297.5001 GY   0.70    3.50
510                          -24.4043 GY   3.54
510                          -21.1504 GY   3.63
510                          -17.8965 GY   3.72
510                          -14.6426 GY   3.80
510                          -11.3887 GY   3.89
510                           -8.1348 GY   3.98
510                           -4.8809 GY   4.06
510                           -1.6270 GY   4.14
569                           -1.6270 GY   0.06
569                           -4.8809 GY   0.14
569                           -8.1348 GY   0.22
569                          -11.3887 GY   0.31
569                          -14.6426 GY   0.40
569                          -17.8965 GY   0.48
569                          -21.1504 GY   0.57
569                          -24.4043 GY   0.66
569                          -24.4043 GY   0.74
569                          -21.1504 GY   0.83
569                          -17.8965 GY   0.92
569                          -14.6426 GY   1.00
569                          -11.3887 GY   1.09
569                           -8.1348 GY   1.18
569                           -4.8809 GY   1.26
569                           -1.6270 GY   1.34
509                          -14.6426 GY   0.18
509                          -43.9277 GY   0.41
509                          -73.2129 GY   0.67
509                         -102.4980 GY   0.93
509                         -131.7832 GY   1.19
509                         -161.0684 GY   1.45
509                         -190.3535 GY   1.71
509                         -219.6387 GY   1.97
509                         -219.6387 GY   2.23
509                         -190.3535 GY   2.49
509                         -161.0684 GY   2.75
509                         -131.7832 GY   3.01
509                         -102.4980 GY   3.28
509                          -73.2129 GY   3.54
509                          -43.9277 GY   3.79
509                          -14.6426 GY   4.03
```

```
553                          -1.6270 GY   0.06
553                          -4.8809 GY   0.14
553                          -8.1348 GY   0.22
553                         -11.3887 GY   0.31
553                         -14.6426 GY   0.40
553                         -17.8965 GY   0.48
553                         -21.1504 GY   0.57
553                         -24.4043 GY   0.66
554                         -58.5703 GY   0.09
554                         -71.5859 GY   0.27
554                         -84.6016 GY   0.44
554                         -97.6172 GY   0.61
554                        -110.6328 GY   0.79
554                        -123.6485 GY   0.96
554                        -136.6641 GY   1.14
554                        -149.6797 GY   1.31
554  -892.5001 GY   1.40    2.00
554                        -219.6387 GY   2.13
554                        -190.3535 GY   2.39
554                        -161.0684 GY   2.65
554                        -131.7832 GY   2.91
554                        -102.4980 GY   3.17
554                         -73.2129 GY   3.43
554                         -43.9277 GY   3.69
554                         -14.6426 GY   3.92
514                         -28.9863 GY   0.02
514                         -29.5840 GY   0.06
514                         -30.1817 GY   0.09
514                         -30.7793 GY   0.13
514                         -31.3770 GY   0.17
514                         -31.9746 GY   0.21
514                         -32.5723 GY   0.24
514                         -33.1699 GY   0.28
514                        -219.6387 GY   0.43
514                        -190.3535 GY   0.69
514                        -161.0684 GY   0.95
514                        -131.7832 GY   1.21
514                        -102.4981 GY   1.48
514                         -73.2129 GY   1.74
514                         -43.9277 GY   1.99
514                         -14.6426 GY   2.23
513                         -10.7578 GY   0.15
513                         -32.2734 GY   0.35
513                         -53.7891 GY   0.57
513                         -75.3047 GY   0.79
513                         -96.8203 GY   1.02
513                        -118.3359 GY   1.24
513                        -139.8516 GY   1.47
513                        -161.3672 GY   1.69
542                         -14.6426 GY   0.17
542                         -43.9277 GY   0.41
542                         -73.2129 GY   0.66
542                        -102.4980 GY   0.92
542                        -131.7832 GY   1.19
542                        -161.0684 GY   1.45
542                        -190.3535 GY   1.71
```

```
542                          -219.6387 GY   1.97
542  -892.5001 GY   2.10    2.70
542                          -219.6387 GY   2.83
542                          -190.3536 GY   3.09
542                          -161.0684 GY   3.35
542                          -131.7832 GY   3.61
542                          -102.4981 GY   3.87
542                           -73.2129 GY   4.14
542                           -43.9277 GY   4.39
542                           -14.6426 GY   4.62
510                           -14.6426 GY   0.18
510                           -43.9277 GY   0.41
510                           -73.2129 GY   0.67
510                          -102.4980 GY   0.93
510                          -131.7832 GY   1.19
510                          -161.0683 GY   1.45
510                          -190.3535 GY   1.71
510                          -219.6386 GY   1.97
510                          -219.6385 GY   2.23
510                          -190.3534 GY   2.49
510                          -161.0683 GY   2.75
510                          -131.7831 GY   3.01
510                          -102.4980 GY   3.27
510                           -73.2128 GY   3.53
510                           -43.9277 GY   3.79
510                           -14.6426 GY   4.02
579                           -14.6426 GY   0.17
579                           -43.9277 GY   0.41
579                           -73.2128 GY   0.66
579                          -102.4980 GY   0.92
579                          -131.7831 GY   1.19
579                          -161.0683 GY   1.45
579                          -190.3534 GY   1.71
579                          -219.6385 GY   1.97
579  -892.4998 GY   2.10    2.70
579                          -219.6387 GY   2.83
579                          -190.3535 GY   3.09
579                          -161.0683 GY   3.35
579                          -131.7832 GY   3.61
579                          -102.4980 GY   3.87
579                           -73.2129 GY   4.14
579                           -43.9277 GY   4.39
579                           -14.6426 GY   4.62
518                           -36.6562 GY   0.03
518                           -37.7187 GY   0.08
518                           -38.7812 GY   0.13
518                           -39.8437 GY   0.18
518                           -40.9062 GY   0.23
518                           -41.9687 GY   0.28
518                           -43.0312 GY   0.33
518                           -44.0937 GY   0.38
518                          -219.6387 GY   0.53
518                          -190.3535 GY   0.79
518                          -161.0684 GY   1.05
518                          -131.7832 GY   1.31
518                          -102.4980 GY   1.57
```

518			-73.2129	GY	1.83
518			-43.9277	GY	2.09
518			-14.6426	GY	2.32
517			-9.5957	GY	0.14
517			-28.7871	GY	0.33
517			-47.9785	GY	0.54
517			-67.1700	GY	0.75
517			-86.3614	GY	0.96
517			-105.5528	GY	1.17
517			-124.7442	GY	1.38
517			-143.9356	GY	1.60
571			-58.5703	GY	0.09
571			-71.5859	GY	0.27
571			-84.6015	GY	0.44
571			-97.6172	GY	0.61
571			-110.6328	GY	0.79
571			-123.6484	GY	0.96
571			-136.6640	GY	1.14
571			-149.6797	GY	1.31
571	-892.5002	GY 1.40	2.00		
571			-219.6387	GY	2.13
571			-190.3535	GY	2.39
571			-161.0684	GY	2.65
571			-131.7832	GY	2.91
571			-102.4981	GY	3.17
571			-73.2129	GY	3.43
571			-43.9277	GY	3.69
571			-14.6426	GY	3.92
570			-1.6270	GY	0.06
570			-4.8809	GY	0.14
570			-8.1348	GY	0.22
570			-11.3887	GY	0.31
570			-14.6426	GY	0.40
570			-17.8965	GY	0.48
570			-21.1504	GY	0.57
570			-24.4043	GY	0.66
511			-11.0587	GY	0.15
511			-33.1762	GY	0.35
511			-55.2936	GY	0.58
511			-77.4110	GY	0.80
511			-99.5285	GY	1.03
511			-121.6459	GY	1.26
511			-143.7633	GY	1.49
511			-165.8808	GY	1.71
511			-165.8807	GY	1.94
511			-143.7632	GY	2.16
511			-121.6458	GY	2.39
511			-99.5284	GY	2.62
511			-77.4110	GY	2.85
511			-55.2936	GY	3.07
511			-33.1761	GY	3.30
511			-11.0587	GY	3.50
564			-11.0587	GY	0.15
564			-33.1761	GY	0.35
564			-55.2935	GY	0.58
564			-77.4110	GY	0.80

564			-99.5284 GY	1.03
564			-121.6458 GY	1.26
564			-143.7632 GY	1.49
564			-165.8806 GY	1.71
564	-775.6247 GY	1.82	2.28	
564			-165.8806 GY	2.39
564			-143.7632 GY	2.61
564			-121.6458 GY	2.84
564			-99.5284 GY	3.07
564			-77.4110 GY	3.30
564			-55.2935 GY	3.52
564			-33.1761 GY	3.75
564			-11.0587 GY	3.95
515			-11.0587 GY	0.15
515			-33.1762 GY	0.35
515			-55.2936 GY	0.58
515			-77.4110 GY	0.80
515			-99.5285 GY	1.03
515			-121.6459 GY	1.26
515			-143.7633 GY	1.49
515			-165.8808 GY	1.71
515			-165.8807 GY	1.94
515			-143.7632 GY	2.16
515			-121.6458 GY	2.39
515			-99.5284 GY	2.62
515			-77.4110 GY	2.85
515			-55.2936 GY	3.07
515			-33.1761 GY	3.30
515			-11.0587 GY	3.50
554			-11.0587 GY	0.15
554			-33.1761 GY	0.35
554			-55.2936 GY	0.58
554			-77.4110 GY	0.80
554			-99.5284 GY	1.03
554			-121.6459 GY	1.26
554			-143.7633 GY	1.49
554			-165.8807 GY	1.71
554	-775.6252 GY	1.82	2.28	
554			-165.8807 GY	2.39
554			-143.7633 GY	2.61
554			-121.6459 GY	2.84
554			-99.5284 GY	3.07
554			-77.4110 GY	3.30
554			-55.2936 GY	3.52
554			-33.1761 GY	3.75
554			-11.0587 GY	3.95
512			-11.0587 GY	0.15
512			-33.1761 GY	0.35
512			-55.2936 GY	0.58
512			-77.4110 GY	0.80
512			-99.5284 GY	1.03
512			-121.6458 GY	1.26
512			-143.7632 GY	1.49
512			-165.8807 GY	1.71
512			-165.8808 GY	1.94
512			-143.7634 GY	2.16

512			-121.6459 GY	2.39
512			-99.5285 GY	2.62
512			-77.4110 GY	2.85
512			-55.2936 GY	3.07
512			-33.1762 GY	3.30
512			-11.0587 GY	3.50
571			-11.0587 GY	0.15
571			-33.1762 GY	0.35
571			-55.2936 GY	0.58
571			-77.4110 GY	0.80
571			-99.5285 GY	1.03
571			-121.6459 GY	1.26
571			-143.7633 GY	1.49
571			-165.8808 GY	1.71
571	-775.6253 GY	1.82	2.28	
571			-165.8808 GY	2.39
571			-143.7633 GY	2.61
571			-121.6459 GY	2.84
571			-99.5285 GY	3.07
571			-77.4110 GY	3.30
571			-55.2936 GY	3.52
571			-33.1762 GY	3.75
571			-11.0587 GY	3.95
516			-11.0587 GY	0.15
516			-33.1762 GY	0.35
516			-55.2936 GY	0.58
516			-77.4110 GY	0.80
516			-99.5285 GY	1.03
516			-121.6459 GY	1.26
516			-143.7633 GY	1.49
516			-165.8808 GY	1.71
516			-165.8807 GY	1.94
516			-143.7633 GY	2.16
516			-121.6459 GY	2.39
516			-99.5284 GY	2.62
516			-77.4110 GY	2.85
516			-55.2936 GY	3.07
516			-33.1761 GY	3.30
516			-11.0587 GY	3.50
564			-11.0587 GY	0.15
564			-33.1761 GY	0.35
564			-55.2935 GY	0.58
564			-77.4110 GY	0.80
564			-99.5284 GY	1.03
564			-121.6458 GY	1.26
564			-143.7632 GY	1.49
564			-165.8806 GY	1.71
564	-775.6247 GY	1.82	2.28	
564			-165.8806 GY	2.39
564			-143.7632 GY	2.61
564			-121.6458 GY	2.84
564			-99.5284 GY	3.07
564			-77.4110 GY	3.30
564			-55.2935 GY	3.52
564			-33.1761 GY	3.75
564			-11.0587 GY	3.95

```
513                          -2.6895 GY   0.08
513                          -8.0684 GY   0.17
513                         -13.4473 GY   0.28
513                         -18.8262 GY   0.40
513                         -24.2051 GY   0.51
513                         -29.5840 GY   0.62
513                         -34.9629 GY   0.73
513                         -40.3418 GY   0.84
513                         -40.3418 GY   0.95
513                         -34.9629 GY   1.07
513                         -29.5840 GY   1.18
513                         -24.2051 GY   1.29
513                         -18.8262 GY   1.40
513                         -13.4473 GY   1.51
513                          -8.0684 GY   1.62
513                          -2.6895 GY   1.72
549                          -2.6895 GY   0.08
549                          -8.0684 GY   0.18
549                         -13.4473 GY   0.29
549                         -18.8262 GY   0.40
549                         -24.2051 GY   0.51
549                         -29.5840 GY   0.62
549                         -34.9629 GY   0.73
549                         -40.3418 GY   0.85
549  -382.5000 GY   0.90    1.30
549                         -40.3418 GY   1.36
549                         -34.9629 GY   1.47
549                         -29.5840 GY   1.58
549                         -24.2051 GY   1.69
549                         -18.8262 GY   1.80
549                         -13.4473 GY   1.91
549                          -8.0684 GY   2.02
549                          -2.6895 GY   2.12
519                          -2.6895 GY   0.08
519                          -8.0684 GY   0.17
519                         -13.4473 GY   0.28
519                         -18.8262 GY   0.40
519                         -24.2051 GY   0.51
519                         -29.5840 GY   0.62
519                         -34.9629 GY   0.73
519                         -40.3418 GY   0.84
519                         -40.3418 GY   0.95
519                         -34.9629 GY   1.07
519                         -29.5840 GY   1.18
519                         -24.2051 GY   1.29
519                         -18.8262 GY   1.40
519                         -13.4473 GY   1.51
519                          -8.0684 GY   1.62
519                          -2.6895 GY   1.72
543                          -2.6895 GY   0.08
543                          -8.0684 GY   0.18
543                         -13.4473 GY   0.29
543                         -18.8262 GY   0.40
543                         -24.2051 GY   0.51
543                         -29.5840 GY   0.62
543                         -34.9629 GY   0.73
```

```
543                          -40.3418 GY   0.85
543  -382.5000 GY   0.90    1.30
543                          -40.3418 GY   1.36
543                          -34.9629 GY   1.47
543                          -29.5840 GY   1.58
543                          -24.2051 GY   1.69
543                          -18.8262 GY   1.80
543                          -13.4473 GY   1.91
543                           -8.0684 GY   2.02
543                           -2.6895 GY   2.12
514                           -4.0176 GY   0.09
514                          -12.0527 GY   0.21
514                          -20.0879 GY   0.35
514                          -28.1231 GY   0.48
514                          -36.1582 GY   0.62
514                          -44.1934 GY   0.76
514                          -52.2285 GY   0.90
514                          -60.2637 GY   1.03
514  -467.5002 GY   1.10    1.30
514                          -60.2637 GY   1.37
514                          -52.2285 GY   1.50
514                          -44.1934 GY   1.64
514                          -36.1582 GY   1.78
514                          -28.1230 GY   1.92
514                          -20.0879 GY   2.05
514                          -12.0527 GY   2.19
514                           -4.0176 GY   2.31
555                           -4.0176 GY   0.09
555                          -12.0527 GY   0.21
555                          -20.0879 GY   0.35
555                          -28.1230 GY   0.48
555                          -36.1582 GY   0.62
555                          -44.1934 GY   0.76
555                          -52.2285 GY   0.90
555                          -60.2637 GY   1.03
555                          -60.2636 GY   1.17
555                          -52.2285 GY   1.30
555                          -44.1933 GY   1.44
555                          -36.1582 GY   1.58
555                          -28.1230 GY   1.72
555                          -20.0879 GY   1.85
555                          -12.0527 GY   1.99
555                           -4.0176 GY   2.11
520                           -4.0176 GY   0.09
520                          -12.0527 GY   0.21
520                          -20.0879 GY   0.35
520                          -28.1230 GY   0.48
520                          -36.1582 GY   0.62
520                          -44.1933 GY   0.76
520                          -52.2285 GY   0.90
520                          -60.2636 GY   1.03
520  -467.4998 GY   1.10    1.30
520                          -60.2636 GY   1.37
520                          -52.2285 GY   1.50
520                          -44.1933 GY   1.64
520                          -36.1582 GY   1.78
```

520			-28.1230 GY	1.92
520			-20.0879 GY	2.05
520			-12.0527 GY	2.19
520			-4.0176 GY	2.31
549			-4.0176 GY	0.09
549			-12.0527 GY	0.21
549			-20.0879 GY	0.35
549			-28.1231 GY	0.48
549			-36.1582 GY	0.62
549			-44.1934 GY	0.76
549			-52.2285 GY	0.90
549			-60.2637 GY	1.03
549			-60.2636 GY	1.17
549			-52.2285 GY	1.30
549			-44.1933 GY	1.44
549			-36.1582 GY	1.58
549			-28.1230 GY	1.72
549			-20.0879 GY	1.85
549			-12.0527 GY	1.99
549			-4.0176 GY	2.11
572			-7.4707 GY	0.12
572			-22.4121 GY	0.29
572			-37.3535 GY	0.47
572			-52.2949 GY	0.66
572			-67.2363 GY	0.85
572			-82.1777 GY	1.03
572			-97.1191 GY	1.22
572			-112.0605 GY	1.41
572			-112.0606 GY	1.59
572			-97.1192 GY	1.78
572			-82.1778 GY	1.97
572			-67.2363 GY	2.15
572			-52.2949 GY	2.34
572			-37.3535 GY	2.52
572			-22.4121 GY	2.71
572			-7.4707 GY	2.87
522			-112.0606 GY	0.29
522			-97.1192 GY	0.48
522			-82.1777 GY	0.67
522			-67.2363 GY	0.85
522			-52.2949 GY	1.04
522			-37.3535 GY	1.23
522			-22.4121 GY	1.41
522			-7.4707 GY	1.58
522	-637.5000 GY	0.00	0.20	
521			-7.4707 GY	0.12
521			-22.4121 GY	0.29
521			-37.3535 GY	0.47
521			-52.2949 GY	0.66
521			-67.2363 GY	0.85
521			-82.1777 GY	1.03
521			-97.1190 GY	1.22
521			-112.0604 GY	1.41
521	-637.4996 GY	1.50	5.60	
556			-31.8750 GY	0.05
556			-27.6250 GY	0.15

```
556                          -23.3750 GY   0.25
556                          -19.1250 GY   0.35
556                          -14.8750 GY   0.45
556                          -10.6250 GY   0.55
556                           -6.3750 GY   0.64
556                           -2.1250 GY   0.73
555                           -7.4707 GY   0.12
555                          -22.4121 GY   0.29
555                          -37.3535 GY   0.47
555                          -52.2949 GY   0.66
555                          -67.2363 GY   0.85
555                          -82.1777 GY   1.03
555                          -97.1191 GY   1.22
555                         -112.0605 GY   1.41
555                          -54.1543 GY   1.54
555                          -50.9004 GY   1.63
555                          -47.6465 GY   1.72
555                          -44.3926 GY   1.81
555                          -41.1387 GY   1.89
555                          -37.8848 GY   1.98
555                          -34.6309 GY   2.07
555                          -31.3770 GY   2.16
516  -637.5000 GY   0.00    2.15
516                         -112.0605 GY   2.24
516                          -97.1191 GY   2.43
516                          -82.1777 GY   2.62
516                          -67.2363 GY   2.80
516                          -52.2949 GY   2.99
516                          -37.3535 GY   3.18
516                          -22.4121 GY   3.36
516                           -7.4707 GY   3.53
515  -637.5000 GY   1.50    3.65
515                           -7.4707 GY   0.12
515                          -22.4121 GY   0.29
515                          -37.3535 GY   0.47
515                          -52.2949 GY   0.66
515                          -67.2363 GY   0.85
515                          -82.1777 GY   1.03
515                          -97.1191 GY   1.22
515                         -112.0605 GY   1.41
517                           -2.3989 GY   0.07
517                           -7.1968 GY   0.17
517                          -11.9946 GY   0.27
517                          -16.7925 GY   0.37
517                          -21.5903 GY   0.48
517                          -26.3882 GY   0.59
517                          -31.1860 GY   0.69
517                          -35.9839 GY   0.80
517                          -35.9839 GY   0.90
517                          -31.1860 GY   1.01
517                          -26.3882 GY   1.11
517                          -21.5903 GY   1.22
517                          -16.7925 GY   1.33
517                          -11.9946 GY   1.43
517                           -7.1968 GY   1.53
517                           -2.3989 GY   1.63
```

```
576                          -2.3989 GY   0.07
576                          -7.1968 GY   0.17
576                         -11.9946 GY   0.27
576                         -16.7925 GY   0.37
576                         -21.5904 GY   0.48
576                         -26.3882 GY   0.59
576                         -31.1861 GY   0.69
576                         -35.9839 GY   0.80
576  -361.2502 GY   0.85    2.15
576                         -35.9840 GY   2.20
576                         -31.1861 GY   2.31
576                         -26.3882 GY   2.41
576                         -21.5904 GY   2.52
576                         -16.7925 GY   2.63
576                         -11.9947 GY   2.73
576                          -7.1968 GY   2.83
576                          -2.3989 GY   2.93
524                         -31.8751 GY   0.05
524                         -27.6251 GY   0.15
524                         -23.3751 GY   0.25
524                         -19.1251 GY   0.35
524                         -14.8751 GY   0.45
524                         -10.6250 GY   0.55
524                          -6.3750 GY   0.64
524                          -2.1250 GY   0.73
523                          -2.3989 GY   0.07
523                          -7.1968 GY   0.17
523                         -11.9946 GY   0.27
523                         -16.7925 GY   0.37
523                         -21.5904 GY   0.48
523                         -26.3882 GY   0.59
523                         -31.1861 GY   0.69
523                         -35.9839 GY   0.80
523                          -2.2495 GY   0.85
523                          -2.2329 GY   0.86
523                          -2.2163 GY   0.87
523                          -2.1997 GY   0.87
523                          -2.1831 GY   0.88
523                          -2.1665 GY   0.88
523                          -2.1499 GY   0.89
523                          -2.1333 GY   0.90
572                          -2.3989 GY   0.07
572                          -7.1968 GY   0.17
572                         -11.9946 GY   0.27
572                         -16.7925 GY   0.37
572                         -21.5904 GY   0.48
572                         -26.3882 GY   0.59
572                         -31.1861 GY   0.69
572                         -35.9839 GY   0.80
572  -361.2502 GY   0.85    2.15
572                         -35.9840 GY   2.20
572                         -31.1861 GY   2.31
572                         -26.3882 GY   2.41
572                         -21.5904 GY   2.52
572                         -16.7925 GY   2.63
572                         -11.9947 GY   2.73
```

572			-7.1968 GY	2.83	
572			-2.3989 GY	2.93	
518			-5.1880 GY	0.10	
518			-15.5639 GY	0.24	
518			-25.9399 GY	0.40	
518			-36.3159 GY	0.55	
518			-46.6918 GY	0.71	
518			-57.0678 GY	0.86	
518			-67.4437 GY	1.02	
518			-77.8197 GY	1.17	
518			-77.8198 GY	1.33	
518			-67.4438 GY	1.48	
518			-57.0678 GY	1.64	
518			-46.6919 GY	1.79	
518			-36.3159 GY	1.95	
518			-25.9399 GY	2.10	
518			-15.5640 GY	2.26	
518			-5.1880 GY	2.40	
580			-5.1880 GY	0.10	
580			-15.5640 GY	0.24	
580			-25.9399 GY	0.40	
580			-36.3159 GY	0.55	
580			-46.6919 GY	0.71	
580			-57.0678 GY	0.86	
580			-67.4438 GY	1.02	
580			-77.8198 GY	1.17	
580	-531.2500 GY	1.25	1.75		
580			-77.8198 GY	1.83	
580			-67.4439 GY	1.98	
580			-57.0679 GY	2.14	
580			-46.6919 GY	2.29	
580			-36.3159 GY	2.45	
580			-25.9399 GY	2.60	
580			-15.5640 GY	2.76	
580			-5.1880 GY	2.90	
525			-5.1880 GY	0.10	
525			-15.5640 GY	0.24	
525			-25.9399 GY	0.40	
525			-36.3159 GY	0.55	
525			-46.6919 GY	0.71	
525			-57.0678 GY	0.86	
525			-67.4438 GY	1.02	
525			-77.8198 GY	1.17	
525			-77.8198 GY	1.33	
525			-67.4439 GY	1.48	
525			-57.0679 GY	1.64	
525			-46.6919 GY	1.79	
525			-36.3159 GY	1.95	
525			-25.9399 GY	2.10	
525			-15.5640 GY	2.26	
525			-5.1880 GY	2.40	
576			-5.1880 GY	0.10	
576			-15.5639 GY	0.24	
576			-25.9399 GY	0.40	
576			-36.3159 GY	0.55	
576			-46.6918 GY	0.71	

576			-57.0678 GY	0.86
576			-67.4438 GY	1.02
576			-77.8197 GY	1.17
576	-531.2496 GY	1.25	1.75	
576			-77.8198 GY	1.83
576			-67.4438 GY	1.98
576			-57.0678 GY	2.14
576			-46.6919 GY	2.29
576			-36.3159 GY	2.45
576			-25.9399 GY	2.60
576			-15.5640 GY	2.76
576			-5.1880 GY	2.90
556			-2.1250 GY	0.07
556			-6.3750 GY	0.16
556			-10.6250 GY	0.25
556			-14.8750 GY	0.35
556			-19.1250 GY	0.45
556			-23.3750 GY	0.55
556			-27.6250 GY	0.65
556			-31.8750 GY	0.75
557			-31.8750 GY	0.05
557			-27.6250 GY	0.15
557			-23.3750 GY	0.25
557			-19.1250 GY	0.35
557			-14.8750 GY	0.45
557			-10.6250 GY	0.55
557			-6.3750 GY	0.64
557			-2.1250 GY	0.73
526			-2.1250 GY	0.07
526			-6.3750 GY	0.16
526			-10.6250 GY	0.25
526			-14.8750 GY	0.35
526			-19.1250 GY	0.45
526			-23.3750 GY	0.55
526			-27.6250 GY	0.65
526			-31.8750 GY	0.75
526	-340.0001 GY	0.80	3.40	
526			-31.8750 GY	3.45
526			-27.6250 GY	3.55
526			-23.3750 GY	3.65
526			-19.1250 GY	3.75
526			-14.8750 GY	3.85
526			-10.6250 GY	3.95
526			-6.3750 GY	4.04
526			-2.1250 GY	4.13
545			-0.4980 GY	0.01
545			-0.4316 GY	0.02
545			-0.3652 GY	0.03
545			-0.2988 GY	0.04
545			-0.2324 GY	0.06
545			-0.1660 GY	0.07
545			-0.0996 GY	0.08
545			-0.0332 GY	0.09
544			-2.1250 GY	0.07
544			-6.3750 GY	0.16
544			-10.6250 GY	0.25

```
544                          -14.8750 GY   0.35
544                          -19.1250 GY   0.45
544                          -23.3750 GY   0.55
544                          -27.6250 GY   0.65
544                          -31.8750 GY   0.75
544                          -28.1231 GY   0.84
544                          -24.8692 GY   0.93
544                          -21.6152 GY   1.02
544                          -18.3613 GY   1.10
544                          -15.1074 GY   1.19
544                          -11.8535 GY   1.28
544                           -8.5996 GY   1.37
544                           -5.3457 GY   1.45
520  -340.0001 GY   0.00    1.60
520                          -31.8750 GY   1.65
520                          -27.6250 GY   1.75
520                          -23.3750 GY   1.85
520                          -19.1250 GY   1.95
520                          -14.8750 GY   2.05
520                          -10.6250 GY   2.15
520                           -6.3750 GY   2.24
520                           -2.1250 GY   2.33
519  -340.0001 GY   0.80    1.80
519                           -2.1250 GY   0.07
519                           -6.3750 GY   0.16
519                          -10.6250 GY   0.25
519                          -14.8750 GY   0.35
519                          -19.1250 GY   0.45
519                          -23.3750 GY   0.55
519                          -27.6250 GY   0.65
519                          -31.8750 GY   0.75
521                          -24.2051 GY   0.23
521                          -72.6153 GY   0.53
521                         -121.0255 GY   0.86
521                         -169.4357 GY   1.19
521                         -217.8458 GY   1.53
521                         -266.2560 GY   1.86
521                         -314.6662 GY   2.20
521                         -363.0764 GY   2.54
521 -1147.5002 GY   2.70    2.90
521                         -363.0763 GY   3.06
521                         -314.6661 GY   3.40
521                         -266.2560 GY   3.74
521                         -217.8458 GY   4.07
521                         -169.4356 GY   4.41
521                         -121.0254 GY   4.74
521                          -72.6153 GY   5.07
521                          -24.2051 GY   5.38
565                          -24.2051 GY   0.22
565                          -72.6152 GY   0.52
565                         -121.0254 GY   0.85
565                         -169.4355 GY   1.19
565                         -217.8457 GY   1.52
565                         -266.2559 GY   1.86
565                         -314.6660 GY   2.20
565                         -363.0762 GY   2.53
```

```
565                          -363.0763 GY   2.86
565                          -314.6661 GY   3.20
565                          -266.2560 GY   3.54
565                          -217.8458 GY   3.88
565                          -169.4356 GY   4.21
565                          -121.0254 GY   4.55
565                           -72.6153 GY   4.88
565                           -24.2051 GY   5.18
531                          -263.4668 GY   0.14
531                          -228.3379 GY   0.43
531                          -193.2090 GY   0.71
531                          -158.0801 GY   1.00
531                          -122.9512 GY   1.29
531                           -87.8223 GY   1.57
531                           -52.6934 GY   1.85
531                           -17.5645 GY   2.11
530                           -24.2051 GY   0.23
530                           -72.6152 GY   0.53
530                          -121.0254 GY   0.86
530                          -169.4356 GY   1.19
530                          -217.8457 GY   1.53
530                          -266.2559 GY   1.86
530                          -314.6661 GY   2.20
530                          -363.0762 GY   2.54
530 -1147.4999 GY   2.70    2.90
530                           -56.8439 GY   2.92
530                           -55.7814 GY   2.97
530                           -54.7189 GY   3.02
530                           -53.6564 GY   3.07
530                           -52.5939 GY   3.12
530                           -51.5314 GY   3.17
530                           -50.4689 GY   3.22
530                           -49.4064 GY   3.27
559                          -112.0606 GY   0.09
559                           -97.1192 GY   0.28
559                           -82.1777 GY   0.47
559                           -67.2363 GY   0.65
559                           -52.2949 GY   0.84
559                           -37.3535 GY   1.02
559                           -22.4121 GY   1.21
559                            -7.4707 GY   1.37
558                           -92.7364 GY   0.12
558                          -116.7091 GY   0.36
558                          -140.6817 GY   0.60
558                          -164.6544 GY   0.83
558                          -188.6270 GY   1.07
558                          -212.5997 GY   1.31
558                          -236.5723 GY   1.55
558                          -260.5450 GY   1.78
558                          -167.3438 GY   1.97
558                          -157.7813 GY   2.12
558                          -148.2188 GY   2.27
558                          -138.6563 GY   2.42
558                          -129.0938 GY   2.57
558                          -119.5313 GY   2.72
558                          -109.9688 GY   2.87
```

```
558                          -100.4063 GY   3.02
557                            -2.1250 GY   0.07
557                            -6.3750 GY   0.16
557                           -10.6250 GY   0.25
557                           -14.8750 GY   0.35
557                           -19.1250 GY   0.45
557                           -23.3750 GY   0.55
557                           -27.6250 GY   0.65
557                           -31.8751 GY   0.75
573  -552.4997 GY   1.30    2.00
573                            -5.6113 GY   0.11
573                           -16.8340 GY   0.25
573                           -28.0566 GY   0.41
573                           -39.2793 GY   0.57
573                           -50.5019 GY   0.73
573                           -61.7246 GY   0.90
573                           -72.9472 GY   1.06
573                           -84.1699 GY   1.22
574  -552.4997 GY   0.00    2.10
574                           -84.1698 GY   2.18
574                           -72.9472 GY   2.34
574                           -61.7246 GY   2.50
574                           -50.5019 GY   2.67
574                           -39.2793 GY   2.83
574                           -28.0566 GY   2.99
574                           -16.8340 GY   3.15
574                            -5.6113 GY   3.29
533                           -71.7187 GY   0.07
533                           -62.1562 GY   0.22
533                           -52.5937 GY   0.37
533                           -43.0312 GY   0.52
533                           -33.4687 GY   0.67
533                           -23.9062 GY   0.82
533                           -14.3437 GY   0.97
533                            -4.7812 GY   1.10
532                            -5.6113 GY   0.11
532                           -16.8340 GY   0.25
532                           -28.0566 GY   0.41
532                           -39.2793 GY   0.57
532                           -50.5019 GY   0.73
532                           -61.7246 GY   0.90
532                           -72.9472 GY   1.06
532                           -84.1698 GY   1.22
532                            -6.8731 GY   1.31
532                            -6.8067 GY   1.32
532                            -6.7403 GY   1.33
532                            -6.6738 GY   1.34
532                            -6.6074 GY   1.36
532                            -6.5410 GY   1.37
532                            -6.4746 GY   1.38
532                            -6.4082 GY   1.39
565                            -5.6113 GY   0.11
565                           -16.8340 GY   0.25
565                           -28.0566 GY   0.41
565                           -39.2793 GY   0.57
565                           -50.5020 GY   0.73
```

```
565                          -61.7246 GY   0.90
565                          -72.9473 GY   1.06
565                          -84.1699 GY   1.22
565  -552.5001 GY   1.30    4.10
565                          -84.1699 GY   4.18
565                          -72.9472 GY   4.34
565                          -61.7246 GY   4.50
565                          -50.5019 GY   4.67
565                          -39.2793 GY   4.83
565                          -28.0566 GY   4.99
565                          -16.8340 GY   5.15
565                           -5.6113 GY   5.29
523                          -40.3418 GY   0.05
523                          -34.9628 GY   0.17
523                          -29.5840 GY   0.28
523                          -24.2050 GY   0.39
523                          -18.8262 GY   0.50
523                          -13.4473 GY   0.61
523                           -8.0683 GY   0.72
523                           -2.6895 GY   0.82
522                           -5.6113 GY   0.11
522                          -16.8340 GY   0.25
522                          -28.0567 GY   0.41
522                          -39.2793 GY   0.57
522                          -50.5020 GY   0.73
522                          -61.7246 GY   0.90
522                          -72.9473 GY   1.06
522                          -84.1700 GY   1.22
522                          -27.0937 GY   1.32
522                          -26.0312 GY   1.37
522                          -24.9687 GY   1.42
522                          -23.9062 GY   1.47
522                          -22.8437 GY   1.52
522                          -21.7812 GY   1.57
522                          -20.7187 GY   1.62
522                          -19.6562 GY   1.67
581                           -3.3203 GY   0.08
581                           -9.9609 GY   0.19
581                          -16.6016 GY   0.32
581                          -23.2422 GY   0.44
581                          -29.8828 GY   0.56
581                          -36.5235 GY   0.69
581                          -43.1641 GY   0.81
581                          -49.8047 GY   0.94
581                          -49.8048 GY   1.06
581                          -43.1641 GY   1.19
581                          -36.5235 GY   1.31
581                          -29.8829 GY   1.44
581                          -23.2422 GY   1.56
581                          -16.6016 GY   1.68
581                           -9.9610 GY   1.81
581                           -3.3203 GY   1.92
527                           -3.3203 GY   0.08
527                           -9.9609 GY   0.19
527                          -16.6016 GY   0.32
527                          -23.2422 GY   0.44
```

```
527                          -29.8828 GY   0.56
527                          -36.5235 GY   0.69
527                          -43.1641 GY   0.81
527                          -49.8047 GY   0.94
527  -425.0004 GY   1.00    2.30
527                          -49.8048 GY   2.36
527                          -43.1641 GY   2.49
527                          -36.5235 GY   2.61
527                          -29.8829 GY   2.74
527                          -23.2422 GY   2.86
527                          -16.6016 GY   2.98
527                           -9.9610 GY   3.11
527                           -3.3203 GY   3.22
573                           -3.3203 GY   0.08
573                           -9.9609 GY   0.19
573                          -16.6016 GY   0.32
573                          -23.2422 GY   0.44
573                          -29.8828 GY   0.56
573                          -36.5234 GY   0.69
573                          -43.1641 GY   0.81
573                          -49.8047 GY   0.94
573                          -49.8047 GY   1.06
573                          -43.1641 GY   1.19
573                          -36.5235 GY   1.31
573                          -29.8828 GY   1.44
573                          -23.2422 GY   1.56
573                          -16.6016 GY   1.68
573                           -9.9609 GY   1.81
573                           -3.3203 GY   1.92
525                           -8.6328 GY   0.01
525                           -8.8984 GY   0.04
525                           -9.1640 GY   0.06
525                           -9.4296 GY   0.09
525                           -9.6953 GY   0.11
525                           -9.9609 GY   0.14
525                          -10.2265 GY   0.16
525                          -10.4921 GY   0.19
525  -425.0000 GY   0.20    1.50
525                          -49.8047 GY   1.56
525                          -43.1641 GY   1.69
525                          -36.5235 GY   1.81
525                          -29.8828 GY   1.94
525                          -23.2422 GY   2.06
525                          -16.6016 GY   2.18
525                           -9.9609 GY   2.31
525                           -3.3203 GY   2.42
524                           -2.1250 GY   0.07
524                           -6.3750 GY   0.16
524                          -10.6250 GY   0.25
524                          -14.8750 GY   0.35
524                          -19.1250 GY   0.45
524                          -23.3751 GY   0.55
524                          -27.6251 GY   0.65
524                          -31.8751 GY   0.75
526                           -7.9770 GY   0.13
526                          -23.9312 GY   0.30
```

```
526                          -39.8853 GY   0.49
526                          -55.8394 GY   0.68
526                          -71.7934 GY   0.88
526                          -87.7476 GY   1.07
526                         -103.7017 GY   1.26
526                         -119.6557 GY   1.46
526  -658.7501 GY   1.55    2.65
526                         -119.6557 GY   2.74
526                         -103.7017 GY   2.94
526                          -87.7476 GY   3.13
526                          -71.7934 GY   3.32
526                          -55.8394 GY   3.52
526                          -39.8853 GY   3.71
526                          -23.9312 GY   3.90
526                           -7.9770 GY   4.07
558                           -7.9770 GY   0.13
558                          -23.9311 GY   0.30
558                          -39.8852 GY   0.49
558                          -55.8393 GY   0.68
558                          -71.7934 GY   0.88
558                          -87.7475 GY   1.07
558                         -103.7016 GY   1.26
558                         -119.6557 GY   1.46
558                         -119.6558 GY   1.64
558                         -103.7017 GY   1.84
558                          -87.7476 GY   2.03
558                          -71.7935 GY   2.22
558                          -55.8394 GY   2.42
558                          -39.8853 GY   2.61
558                          -23.9312 GY   2.80
558                           -7.9771 GY   2.97
528                           -7.9770 GY   0.13
528                          -23.9311 GY   0.30
528                          -39.8852 GY   0.49
528                          -55.8393 GY   0.68
528                          -71.7934 GY   0.88
528                          -87.7475 GY   1.07
528                         -103.7016 GY   1.26
528                         -119.6557 GY   1.46
528  -658.7497 GY   1.55    2.65
528                         -119.6557 GY   2.74
528                         -103.7016 GY   2.94
528                          -87.7475 GY   3.13
528                          -71.7934 GY   3.32
528                          -55.8393 GY   3.52
528                          -39.8852 GY   3.71
528                          -23.9311 GY   3.90
528                           -7.9770 GY   4.07
546                           -7.9771 GY   0.13
546                          -23.9312 GY   0.30
546                          -39.8853 GY   0.49
546                          -55.8394 GY   0.68
546                          -71.7935 GY   0.88
546                          -87.7476 GY   1.07
546                         -103.7017 GY   1.26
546                         -119.6558 GY   1.46
```

546			-119.6557	GY	1.64
546			-103.7016	GY	1.84
546			-87.7475	GY	2.03
546			-71.7934	GY	2.22
546			-55.8393	GY	2.42
546			-39.8852	GY	2.61
546			-23.9311	GY	2.80
546			-7.9770	GY	2.97
527			-9.0396	GY	0.14
527			-27.1187	GY	0.32
527			-45.1978	GY	0.52
527			-63.2769	GY	0.73
527			-81.3560	GY	0.93
527			-99.4351	GY	1.14
527			-117.5142	GY	1.34
527			-135.5933	GY	1.55
527			-135.5932	GY	1.75
527			-117.5141	GY	1.96
527			-99.4350	GY	2.16
527			-81.3559	GY	2.37
527			-63.2768	GY	2.57
527			-45.1977	GY	2.78
527			-27.1186	GY	2.98
527			-9.0395	GY	3.16
582			-9.0395	GY	0.14
582			-27.1186	GY	0.32
582			-45.1977	GY	0.52
582			-63.2768	GY	0.73
582			-81.3559	GY	0.93
582			-99.4350	GY	1.14
582			-117.5141	GY	1.34
582			-135.5932	GY	1.55
582	-701.2498	GY	1.65	1.75	
582			-135.5932	GY	1.85
582			-117.5141	GY	2.06
582			-99.4350	GY	2.26
582			-81.3559	GY	2.47
582			-63.2768	GY	2.67
582			-45.1977	GY	2.88
582			-27.1186	GY	3.08
582			-9.0395	GY	3.26
534			-9.0395	GY	0.14
534			-27.1186	GY	0.32
534			-45.1977	GY	0.52
534			-63.2768	GY	0.73
534			-81.3559	GY	0.93
534			-99.4350	GY	1.14
534			-117.5141	GY	1.34
534			-135.5932	GY	1.55
534			-135.5933	GY	1.75
534			-117.5142	GY	1.96
534			-99.4351	GY	2.16
534			-81.3560	GY	2.37
534			-63.2769	GY	2.57
534			-45.1978	GY	2.78
534			-27.1187	GY	2.98

534			-9.0396 GY	3.16
574			-9.0396 GY	0.14
574			-27.1187 GY	0.32
574			-45.1978 GY	0.52
574			-63.2769 GY	0.73
574			-81.3560 GY	0.93
574			-99.4351 GY	1.14
574			-117.5142 GY	1.34
574			-135.5933 GY	1.55
574	-701.2502 GY	1.65	1.75	
574			-135.5933 GY	1.85
574			-117.5142 GY	2.06
574			-99.4351 GY	2.26
574			-81.3560 GY	2.47
574			-63.2769 GY	2.67
574			-45.1978 GY	2.88
574			-27.1187 GY	3.08
574			-9.0396 GY	3.26
528			-1.8677 GY	0.06
528			-5.6030 GY	0.15
528			-9.3384 GY	0.24
528			-13.0737 GY	0.33
528			-16.8091 GY	0.42
528			-20.5444 GY	0.52
528			-24.2798 GY	0.61
528			-28.0151 GY	0.70
528	-318.7500 GY	0.75	3.45	
528			-28.0151 GY	3.50
528			-24.2798 GY	3.59
528			-20.5444 GY	3.68
528			-16.8091 GY	3.78
528			-13.0737 GY	3.87
528			-9.3384 GY	3.96
528			-5.6030 GY	4.05
528			-1.8677 GY	4.14
559			-1.8677 GY	0.06
559			-5.6030 GY	0.15
559			-9.3384 GY	0.24
559			-13.0737 GY	0.33
559			-16.8091 GY	0.42
559			-20.5444 GY	0.52
559			-24.2798 GY	0.61
559			-28.0151 GY	0.70
559			-28.0151 GY	0.80
559			-24.2798 GY	0.89
559			-20.5444 GY	0.98
559			-16.8091 GY	1.08
559			-13.0737 GY	1.17
559			-9.3384 GY	1.26
559			-5.6030 GY	1.35
559			-1.8677 GY	1.44
529			-1.8677 GY	0.06
529			-5.6030 GY	0.15
529			-9.3384 GY	0.24
529			-13.0737 GY	0.33
529			-16.8091 GY	0.42

529			-20.5444	GY	0.52
529			-24.2798	GY	0.61
529			-28.0151	GY	0.70
529	-318.7500	GY	0.75	3.45	
529			-28.0151	GY	3.50
529			-24.2798	GY	3.59
529			-20.5444	GY	3.68
529			-16.8091	GY	3.78
529			-13.0737	GY	3.87
529			-9.3384	GY	3.96
529			-5.6030	GY	4.05
529			-1.8677	GY	4.14
547			-1.8677	GY	0.06
547			-5.6030	GY	0.15
547			-9.3384	GY	0.24
547			-13.0737	GY	0.33
547			-16.8091	GY	0.42
547			-20.5444	GY	0.52
547			-24.2798	GY	0.61
547			-28.0151	GY	0.70
547			-28.0151	GY	0.80
547			-24.2798	GY	0.89
547			-20.5444	GY	0.98
547			-16.8091	GY	1.08
547			-13.0737	GY	1.17
547			-9.3384	GY	1.26
547			-5.6030	GY	1.35
547			-1.8677	GY	1.44
529			-6.9810	GY	0.12
529			-20.9429	GY	0.28
529			-34.9048	GY	0.46
529			-48.8667	GY	0.64
529			-62.8286	GY	0.82
529			-76.7906	GY	1.00
529			-90.7525	GY	1.18
529			-104.7144	GY	1.36
529	-616.2503	GY	1.45	2.75	
529			-104.7144	GY	2.84
529			-90.7524	GY	3.02
529			-76.7905	GY	3.20
529			-62.8286	GY	3.38
529			-48.8667	GY	3.56
529			-34.9048	GY	3.74
529			-20.9429	GY	3.92
529			-6.9810	GY	4.08
560			-6.9810	GY	0.12
560			-20.9429	GY	0.28
560			-34.9048	GY	0.46
560			-48.8667	GY	0.64
560			-62.8286	GY	0.82
560			-76.7905	GY	1.00
560			-90.7524	GY	1.18
560			-104.7144	GY	1.36
560			-104.7142	GY	1.54
560			-90.7523	GY	1.72
560			-76.7904	GY	1.90

```
560                          -62.8285 GY   2.08
560                          -48.8666 GY   2.26
560                          -34.9047 GY   2.44
560                          -20.9428 GY   2.62
560                           -6.9809 GY   2.78
535                           -6.9810 GY   0.12
535                          -20.9429 GY   0.28
535                          -34.9048 GY   0.46
535                          -48.8667 GY   0.64
535                          -62.8286 GY   0.82
535                          -76.7905 GY   1.00
535                          -90.7524 GY   1.18
535                         -104.7143 GY   1.36
535  -616.2496 GY   1.45    2.75
535                         -104.7142 GY   2.84
535                          -90.7523 GY   3.02
535                          -76.7904 GY   3.20
535                          -62.8285 GY   3.38
535                          -48.8666 GY   3.56
535                          -34.9047 GY   3.74
535                          -20.9428 GY   3.92
535                           -6.9809 GY   4.08
548                           -6.9810 GY   0.12
548                          -20.9429 GY   0.28
548                          -34.9048 GY   0.46
548                          -48.8667 GY   0.64
548                          -62.8286 GY   0.82
548                          -76.7906 GY   1.00
548                          -90.7525 GY   1.18
548                         -104.7144 GY   1.36
548                         -104.7143 GY   1.54
548                          -90.7523 GY   1.72
548                          -76.7905 GY   1.90
548                          -62.8286 GY   2.08
548                          -48.8667 GY   2.26
548                          -34.9048 GY   2.44
548                          -20.9429 GY   2.62
548                           -6.9810 GY   2.78
530                           -6.9810 GY   0.12
530                          -20.9429 GY   0.28
530                          -34.9048 GY   0.46
530                          -48.8667 GY   0.64
530                          -62.8287 GY   0.82
530                          -76.7906 GY   1.00
530                          -90.7525 GY   1.18
530                         -104.7144 GY   1.36
530  -616.2503 GY   1.45    1.85
530                         -104.7144 GY   1.94
530                          -90.7525 GY   2.12
530                          -76.7906 GY   2.30
530                          -62.8287 GY   2.48
530                          -48.8667 GY   2.66
530                          -34.9048 GY   2.84
530                          -20.9429 GY   3.02
530                           -6.9810 GY   3.18
561                           -6.9810 GY   0.12
```

561			-20.9429	GY	0.28
561			-34.9048	GY	0.46
561			-48.8667	GY	0.64
561			-62.8287	GY	0.82
561			-76.7906	GY	1.00
561			-90.7525	GY	1.18
561			-104.7144	GY	1.36
561			-104.7143	GY	1.54
561			-90.7524	GY	1.72
561			-76.7905	GY	1.90
561			-62.8286	GY	2.08
561			-48.8667	GY	2.26
561			-34.9048	GY	2.44
561			-20.9429	GY	2.62
561			-6.9810	GY	2.78
536			-6.9810	GY	0.12
536			-20.9429	GY	0.28
536			-34.9048	GY	0.46
536			-48.8667	GY	0.64
536			-62.8286	GY	0.82
536			-76.7905	GY	1.00
536			-90.7524	GY	1.18
536			-104.7143	GY	1.36
536	-616.2496	GY 1.45	1.85		
536			-104.7143	GY	1.94
536			-90.7524	GY	2.12
536			-76.7905	GY	2.30
536			-62.8286	GY	2.48
536			-48.8667	GY	2.66
536			-34.9048	GY	2.84
536			-20.9429	GY	3.02
536			-6.9810	GY	3.18
560			-6.9810	GY	0.12
560			-20.9429	GY	0.28
560			-34.9048	GY	0.46
560			-48.8667	GY	0.64
560			-62.8287	GY	0.82
560			-76.7906	GY	1.00
560			-90.7525	GY	1.18
560			-104.7144	GY	1.36
560			-104.7143	GY	1.54
560			-90.7524	GY	1.72
560			-76.7905	GY	1.90
560			-62.8286	GY	2.08
560			-48.8667	GY	2.26
560			-34.9048	GY	2.44
560			-20.9429	GY	2.62
560			-6.9810	GY	2.78
566			-6.9810	GY	0.12
566			-20.9429	GY	0.28
566			-34.9048	GY	0.46
566			-48.8667	GY	0.64
566			-62.8286	GY	0.82
566			-76.7906	GY	1.00
566			-90.7525	GY	1.18
566			-104.7144	GY	1.36

```
566                          -104.7143 GY   1.54
566                           -90.7523 GY   1.72
566                           -76.7905 GY   1.90
566                           -62.8286 GY   2.08
566                           -48.8667 GY   2.26
566                           -34.9048 GY   2.44
566                           -20.9429 GY   2.62
566                            -6.9810 GY   2.78
537                            -6.9809 GY   0.12
537                           -20.9428 GY   0.28
537                           -34.9047 GY   0.46
537                           -48.8666 GY   0.64
537                           -62.8285 GY   0.82
537                           -76.7904 GY   1.00
537                           -90.7523 GY   1.18
537                          -104.7142 GY   1.36
537  -616.2496 GY   1.45    2.25
537                          -104.7143 GY   2.34
537                           -90.7524 GY   2.52
537                           -76.7905 GY   2.70
537                           -62.8286 GY   2.88
537                           -48.8667 GY   3.06
537                           -34.9048 GY   3.24
537                           -20.9429 GY   3.42
537                            -6.9810 GY   3.58
561                            -6.9810 GY   0.12
561                           -20.9429 GY   0.28
561                           -34.9048 GY   0.46
561                           -48.8667 GY   0.64
561                           -62.8286 GY   0.82
561                           -76.7905 GY   1.00
561                           -90.7524 GY   1.18
561                          -104.7144 GY   1.36
561                          -104.7142 GY   1.54
561                           -90.7523 GY   1.72
561                           -76.7904 GY   1.90
561                           -62.8285 GY   2.08
561                           -48.8666 GY   2.26
561                           -34.9047 GY   2.44
561                           -20.9428 GY   2.62
561                            -6.9809 GY   2.78
532                           -97.6173 GY   0.09
532                           -84.6016 GY   0.26
532                           -71.5860 GY   0.43
532                           -58.5704 GY   0.61
532                           -45.5547 GY   0.78
532                           -32.5391 GY   0.96
532                           -19.5235 GY   1.13
532                            -6.5078 GY   1.28
531                            -6.9810 GY   0.12
531                           -20.9429 GY   0.28
531                           -34.9048 GY   0.46
531                           -48.8667 GY   0.64
531                           -62.8286 GY   0.82
531                           -76.7905 GY   1.00
531                           -90.7524 GY   1.18
```

```
531                          -104.7144 GY   1.36
531  -616.2503 GY   1.45    2.25
531                            -3.8433 GY   2.25
531                            -3.8267 GY   2.26
531                            -3.8101 GY   2.27
531                            -3.7935 GY   2.27
531                            -3.7769 GY   2.28
531                            -3.7603 GY   2.28
531                            -3.7437 GY   2.29
531                            -3.7271 GY   2.30
533                            -1.1953 GY   0.05
533                            -3.5859 GY   0.12
533                            -5.9766 GY   0.19
533                            -8.3672 GY   0.26
533                           -10.7578 GY   0.34
533                           -13.1484 GY   0.41
533                           -15.5390 GY   0.49
533                           -17.9297 GY   0.56
533                           -17.9296 GY   0.64
533                           -15.5390 GY   0.71
533                           -13.1484 GY   0.79
533                           -10.7578 GY   0.86
533                            -8.3672 GY   0.94
533                            -5.9765 GY   1.01
533                            -3.5859 GY   1.08
533                            -1.1953 GY   1.15
575                            -1.1953 GY   0.05
575                            -3.5859 GY   0.12
575                            -5.9765 GY   0.19
575                            -8.3672 GY   0.26
575                           -10.7578 GY   0.34
575                           -13.1484 GY   0.41
575                           -15.5390 GY   0.49
575                           -17.9296 GY   0.56
575  -254.9998 GY   0.60    2.30
575                           -17.9297 GY   2.34
575                           -15.5391 GY   2.41
575                           -13.1484 GY   2.49
575                           -10.7578 GY   2.56
575                            -8.3672 GY   2.64
575                            -5.9766 GY   2.71
575                            -3.5859 GY   2.78
575                            -1.1953 GY   2.85
538                            -1.1953 GY   0.05
538                            -3.5859 GY   0.12
538                            -5.9766 GY   0.19
538                            -8.3672 GY   0.26
538                           -10.7578 GY   0.34
538                           -13.1485 GY   0.41
538                           -15.5391 GY   0.49
538                           -17.9297 GY   0.56
538                           -17.9297 GY   0.64
538                           -15.5391 GY   0.71
538                           -13.1484 GY   0.79
538                           -10.7578 GY   0.86
538                            -8.3672 GY   0.94
```

538			-5.9766	GY	1.01
538			-3.5859	GY	1.08
538			-1.1953	GY	1.15
566			-1.1953	GY	0.05
566			-3.5859	GY	0.12
566			-5.9766	GY	0.19
566			-8.3672	GY	0.26
566			-10.7578	GY	0.34
566			-13.1484	GY	0.41
566			-15.5390	GY	0.49
566			-17.9297	GY	0.56
566	-255.0002	GY 0.60	2.30		
566			-17.9297	GY	2.34
566			-15.5391	GY	2.41
566			-13.1485	GY	2.49
566			-10.7578	GY	2.56
566			-8.3672	GY	2.64
566			-5.9766	GY	2.71
566			-3.5859	GY	2.78
566			-1.1953	GY	2.85
534			-6.9810	GY	0.12
534			-20.9429	GY	0.28
534			-34.9048	GY	0.46
534			-48.8667	GY	0.64
534			-62.8286	GY	0.82
534			-76.7906	GY	1.00
534			-90.7525	GY	1.18
534			-104.7144	GY	1.36
534	-616.2503	GY 1.45	1.85		
534			-104.7144	GY	1.94
534			-90.7525	GY	2.12
534			-76.7906	GY	2.30
534			-62.8286	GY	2.48
534			-48.8667	GY	2.66
534			-34.9048	GY	2.84
534			-20.9429	GY	3.02
534			-6.9810	GY	3.18
583			-6.9810	GY	0.12
583			-20.9429	GY	0.28
583			-34.9048	GY	0.46
583			-48.8667	GY	0.64
583			-62.8286	GY	0.82
583			-76.7906	GY	1.00
583			-90.7525	GY	1.18
583			-104.7144	GY	1.36
583			-104.7143	GY	1.54
583			-90.7523	GY	1.72
583			-76.7905	GY	1.90
583			-62.8286	GY	2.08
583			-48.8667	GY	2.26
583			-34.9048	GY	2.44
583			-20.9429	GY	2.62
583			-6.9810	GY	2.78
539			-6.9809	GY	0.12
539			-20.9429	GY	0.28
539			-34.9048	GY	0.46

539				-48.8666	GY	0.64	
539				-62.8285	GY	0.82	
539				-76.7905	GY	1.00	
539				-90.7523	GY	1.18	
539				-104.7142	GY	1.36	
539	-616.2496	GY	1.45	1.85			
539				-104.7143	GY	1.94	
539				-90.7524	GY	2.12	
539				-76.7905	GY	2.30	
539				-62.8286	GY	2.48	
539				-48.8667	GY	2.66	
539				-34.9048	GY	2.84	
539				-20.9429	GY	3.02	
539				-6.9810	GY	3.18	
575				-6.9810	GY	0.12	
575				-20.9429	GY	0.28	
575				-34.9048	GY	0.46	
575				-48.8667	GY	0.64	
575				-62.8286	GY	0.82	
575				-76.7906	GY	1.00	
575				-90.7525	GY	1.18	
575				-104.7144	GY	1.36	
575				-104.7143	GY	1.54	
575				-90.7523	GY	1.72	
575				-76.7905	GY	1.90	
575				-62.8286	GY	2.08	
575				-48.8667	GY	2.26	
575				-34.9048	GY	2.44	
575				-20.9429	GY	2.62	
575				-6.9810	GY	2.78	

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON		L	LIN1	LIN2
601				-14.6426	GY	0.18		
601				-43.9277	GY	0.41		
601				-73.2129	GY	0.67		
601				-102.4981	GY	0.93		
601				-131.7832	GY	1.19		
601				-161.0684	GY	1.45		
601				-190.3535	GY	1.71		
601				-219.6387	GY	1.97		
601				-219.6387	GY	2.23		
601				-190.3535	GY	2.49		
601				-161.0684	GY	2.75		
601				-131.7832	GY	3.01		
601				-102.4981	GY	3.28		
601				-73.2129	GY	3.54		
601				-43.9277	GY	3.79		
601				-14.6426	GY	4.03		
643				-14.6426	GY	0.17		
643				-43.9277	GY	0.41		
643				-73.2129	GY	0.66		
643				-102.4980	GY	0.92		

643			-131.7832 GY	1.19
643			-161.0684 GY	1.45
643			-190.3535 GY	1.71
643			-219.6387 GY	1.97
643	-892.5001 GY	2.10	2.70	
643			-219.6387 GY	2.83
643			-190.3535 GY	3.09
643			-161.0684 GY	3.35
643			-131.7832 GY	3.61
643			-102.4981 GY	3.88
643			-73.2129 GY	4.14
643			-43.9277 GY	4.39
643			-14.6426 GY	4.62
605			-14.6426 GY	0.18
605			-43.9277 GY	0.41
605			-73.2129 GY	0.67
605			-102.4981 GY	0.93
605			-131.7832 GY	1.19
605			-161.0684 GY	1.45
605			-190.3535 GY	1.71
605			-219.6387 GY	1.97
605			-219.6387 GY	2.23
605			-190.3535 GY	2.49
605			-161.0684 GY	2.75
605			-131.7832 GY	3.01
605			-102.4981 GY	3.28
605			-73.2129 GY	3.54
605			-43.9277 GY	3.79
605			-14.6426 GY	4.03
635			-14.6426 GY	0.17
635			-43.9277 GY	0.41
635			-73.2129 GY	0.66
635			-102.4980 GY	0.92
635			-131.7832 GY	1.19
635			-161.0684 GY	1.45
635			-190.3535 GY	1.71
635			-219.6387 GY	1.97
635	-892.5001 GY	2.10	2.70	
635			-219.6387 GY	2.83
635			-190.3535 GY	3.09
635			-161.0684 GY	3.35
635			-131.7832 GY	3.61
635			-102.4981 GY	3.88
635			-73.2129 GY	4.14
635			-43.9277 GY	4.39
635			-14.6426 GY	4.62
602			-11.0587 GY	0.15
602			-33.1761 GY	0.35
602			-55.2936 GY	0.58
602			-77.4110 GY	0.80
602			-99.5284 GY	1.03
602			-121.6458 GY	1.26
602			-143.7633 GY	1.49
602			-165.8807 GY	1.71
602			-165.8807 GY	1.94
602			-143.7633 GY	2.16

```
602                          -121.6458 GY   2.39
602                           -99.5284 GY   2.62
602                           -77.4110 GY   2.85
602                           -55.2936 GY   3.07
602                           -33.1761 GY   3.30
602                           -11.0587 GY   3.50
652                           -11.0587 GY   0.15
652                           -33.1761 GY   0.35
652                           -55.2936 GY   0.58
652                           -77.4110 GY   0.80
652                           -99.5284 GY   1.03
652                          -121.6458 GY   1.26
652                          -143.7633 GY   1.49
652                          -165.8807 GY   1.71
652  -775.6249 GY   1.82    3.67
652                          -165.8807 GY   3.79
652                          -143.7633 GY   4.01
652                          -121.6459 GY   4.24
652                           -99.5284 GY   4.47
652                           -77.4110 GY   4.70
652                           -55.2936 GY   4.92
652                           -33.1761 GY   5.15
652                           -11.0587 GY   5.35
607                           -11.0587 GY   0.15
607                           -33.1761 GY   0.35
607                           -55.2936 GY   0.58
607                           -77.4110 GY   0.80
607                           -99.5284 GY   1.03
607                          -121.6459 GY   1.26
607                          -143.7633 GY   1.49
607                          -165.8807 GY   1.71
607                          -165.8807 GY   1.94
607                          -143.7633 GY   2.16
607                          -121.6459 GY   2.39
607                           -99.5284 GY   2.62
607                           -77.4110 GY   2.85
607                           -55.2936 GY   3.07
607                           -33.1761 GY   3.30
607                           -11.0587 GY   3.50
644                           -24.4043 GY   0.04
644                           -21.1504 GY   0.13
644                           -17.8965 GY   0.22
644                           -14.6426 GY   0.30
644                           -11.3887 GY   0.39
644                            -8.1348 GY   0.48
644                            -4.8809 GY   0.56
644                            -1.6270 GY   0.64
643                           -11.0587 GY   0.15
643                           -33.1761 GY   0.35
643                           -55.2936 GY   0.58
643                           -77.4110 GY   0.80
643                           -99.5284 GY   1.03
643                          -121.6458 GY   1.26
643                          -143.7633 GY   1.49
643                          -165.8807 GY   1.71
643  -775.6249 GY   1.82    3.67
```

643			-104.8700	GY	3.74
643			-96.4655	GY	3.88
643			-88.0609	GY	4.03
643			-79.6564	GY	4.17
643			-71.2519	GY	4.31
643			-62.8473	GY	4.45
643			-54.4428	GY	4.59
643			-46.0382	GY	4.73
603			-11.0587	GY	0.15
603			-33.1762	GY	0.35
603			-55.2936	GY	0.58
603			-77.4110	GY	0.80
603			-99.5285	GY	1.03
603			-121.6459	GY	1.26
603			-143.7633	GY	1.49
603			-165.8808	GY	1.71
603			-165.8807	GY	1.94
603			-143.7633	GY	2.16
603			-121.6459	GY	2.39
603			-99.5284	GY	2.62
603			-77.4110	GY	2.85
603			-55.2936	GY	3.07
603			-33.1761	GY	3.30
603			-11.0587	GY	3.50
657			-11.0587	GY	0.15
657			-33.1761	GY	0.35
657			-55.2936	GY	0.58
657			-77.4110	GY	0.80
657			-99.5284	GY	1.03
657			-121.6459	GY	1.26
657			-143.7633	GY	1.49
657			-165.8807	GY	1.71
657	-775.6249	GY	1.82	3.67	
657			-104.8700	GY	3.74
657			-96.4655	GY	3.88
657			-88.0609	GY	4.03
657			-79.6564	GY	4.17
657			-71.2518	GY	4.31
657			-62.8473	GY	4.45
657			-54.4427	GY	4.59
657			-46.0382	GY	4.73
658			-24.4043	GY	0.04
658			-21.1504	GY	0.13
658			-17.8965	GY	0.22
658			-14.6426	GY	0.30
658			-11.3887	GY	0.39
658			-8.1348	GY	0.48
658			-4.8809	GY	0.56
658			-1.6270	GY	0.64
608			-11.0587	GY	0.15
608			-33.1762	GY	0.35
608			-55.2936	GY	0.58
608			-77.4110	GY	0.80
608			-99.5285	GY	1.03
608			-121.6459	GY	1.26
608			-143.7633	GY	1.49

608			-165.8808	GY	1.71
608			-165.8807	GY	1.94
608			-143.7633	GY	2.16
608			-121.6459	GY	2.39
608			-99.5284	GY	2.62
608			-77.4110	GY	2.85
608			-55.2936	GY	3.07
608			-33.1761	GY	3.30
608			-11.0587	GY	3.50
652			-11.0587	GY	0.15
652			-33.1761	GY	0.35
652			-55.2936	GY	0.58
652			-77.4110	GY	0.80
652			-99.5284	GY	1.03
652			-121.6459	GY	1.26
652			-143.7633	GY	1.49
652			-165.8807	GY	1.71
652	-775.6252	GY 1.82	3.67		
652			-165.8808	GY	3.79
652			-143.7633	GY	4.01
652			-121.6459	GY	4.24
652			-99.5285	GY	4.47
652			-77.4110	GY	4.70
652			-55.2936	GY	4.92
652			-33.1762	GY	5.15
652			-11.0587	GY	5.35
604			-14.6426	GY	0.18
604			-43.9277	GY	0.41
604			-73.2129	GY	0.67
604			-102.4980	GY	0.93
604			-131.7832	GY	1.19
604			-161.0683	GY	1.45
604			-190.3535	GY	1.71
604			-219.6386	GY	1.97
604			-219.6385	GY	2.23
604			-190.3534	GY	2.49
604			-161.0683	GY	2.75
604			-131.7831	GY	3.01
604			-102.4980	GY	3.27
604			-73.2128	GY	3.53
604			-43.9277	GY	3.79
604			-14.6426	GY	4.02
665			-14.6426	GY	0.17
665			-43.9277	GY	0.41
665			-73.2128	GY	0.66
665			-102.4980	GY	0.92
665			-131.7831	GY	1.19
665			-161.0683	GY	1.45
665			-190.3534	GY	1.71
665			-219.6385	GY	1.97
665	-892.4998	GY 2.10	2.70		
665			-219.6387	GY	2.83
665			-190.3535	GY	3.09
665			-161.0683	GY	3.35
665			-131.7832	GY	3.61
665			-102.4980	GY	3.87

665			-73.2129	GY	4.14
665			-43.9277	GY	4.39
665			-14.6426	GY	4.62
606			-14.6426	GY	0.17
606			-43.9277	GY	0.41
606			-73.2129	GY	0.66
606			-102.4980	GY	0.92
606			-131.7832	GY	1.19
606			-161.0683	GY	1.45
606			-190.3535	GY	1.71
606			-219.6386	GY	1.97
606			-219.6387	GY	2.23
606			-190.3536	GY	2.49
606			-161.0684	GY	2.75
606			-131.7832	GY	3.01
606			-102.4981	GY	3.27
606			-73.2129	GY	3.53
606			-43.9277	GY	3.79
606			-14.6426	GY	4.02
657			-14.6426	GY	0.17
657			-43.9277	GY	0.41
657			-73.2129	GY	0.66
657			-102.4980	GY	0.92
657			-131.7832	GY	1.19
657			-161.0683	GY	1.45
657			-190.3535	GY	1.71
657			-219.6386	GY	1.97
657	-892.5002	GY 2.10	2.70		
657			-219.6388	GY	2.83
657			-190.3536	GY	3.09
657			-161.0684	GY	3.35
657			-131.7832	GY	3.61
657			-102.4981	GY	3.87
657			-73.2129	GY	4.14
657			-43.9277	GY	4.39
657			-14.6426	GY	4.62
605			-14.6426	GY	0.18
605			-43.9277	GY	0.41
605			-73.2129	GY	0.67
605			-102.4980	GY	0.93
605			-131.7832	GY	1.19
605			-161.0684	GY	1.45
605			-190.3535	GY	1.71
605			-219.6387	GY	1.97
605			-219.6387	GY	2.23
605			-190.3535	GY	2.49
605			-161.0684	GY	2.75
605			-131.7832	GY	3.01
605			-102.4980	GY	3.28
605			-73.2129	GY	3.54
605			-43.9277	GY	3.79
605			-14.6426	GY	4.03
644			-1.6270	GY	0.06
644			-4.8809	GY	0.14
644			-8.1348	GY	0.22
644			-11.3887	GY	0.31

644			-14.6426	GY	0.40
644			-17.8965	GY	0.48
644			-21.1504	GY	0.57
644			-24.4043	GY	0.66
645			-58.5703	GY	0.09
645			-71.5859	GY	0.27
645			-84.6016	GY	0.44
645			-97.6172	GY	0.61
645			-110.6328	GY	0.79
645			-123.6485	GY	0.96
645			-136.6641	GY	1.14
645			-149.6797	GY	1.31
645	-892.5001	GY 1.40	2.00		
645			-219.6387	GY	2.13
645			-190.3535	GY	2.39
645			-161.0684	GY	2.65
645			-131.7832	GY	2.91
645			-102.4980	GY	3.17
645			-73.2129	GY	3.43
645			-43.9277	GY	3.69
645			-14.6426	GY	3.92
610			-28.9863	GY	0.02
610			-29.5840	GY	0.06
610			-30.1817	GY	0.09
610			-30.7793	GY	0.13
610			-31.3770	GY	0.17
610			-31.9746	GY	0.21
610			-32.5723	GY	0.24
610			-33.1699	GY	0.28
610			-219.6387	GY	0.43
610			-190.3535	GY	0.69
610			-161.0684	GY	0.95
610			-131.7832	GY	1.21
610			-102.4981	GY	1.48
610			-73.2129	GY	1.74
610			-43.9277	GY	1.99
610			-14.6426	GY	2.23
609			-10.7578	GY	0.15
609			-32.2734	GY	0.35
609			-53.7891	GY	0.57
609			-75.3047	GY	0.79
609			-96.8203	GY	1.02
609			-118.3359	GY	1.24
609			-139.8516	GY	1.47
609			-161.3672	GY	1.69
636			-14.6426	GY	0.17
636			-43.9277	GY	0.41
636			-73.2129	GY	0.66
636			-102.4980	GY	0.92
636			-131.7832	GY	1.19
636			-161.0684	GY	1.45
636			-190.3535	GY	1.71
636			-219.6387	GY	1.97
636	-892.5001	GY 2.10	2.70		
636			-219.6387	GY	2.83
636			-190.3536	GY	3.09

636			-161.0684	GY	3.35	
636			-131.7832	GY	3.61	
636			-102.4981	GY	3.87	
636			-73.2129	GY	4.14	
636			-43.9277	GY	4.39	
636			-14.6426	GY	4.62	
606			-14.6426	GY	0.18	
606			-43.9277	GY	0.41	
606			-73.2129	GY	0.67	
606			-102.4980	GY	0.93	
606			-131.7832	GY	1.19	
606			-161.0683	GY	1.45	
606			-190.3535	GY	1.71	
606			-219.6386	GY	1.97	
606			-219.6385	GY	2.23	
606			-190.3534	GY	2.49	
606			-161.0683	GY	2.75	
606			-131.7831	GY	3.01	
606			-102.4980	GY	3.27	
606			-73.2128	GY	3.53	
606			-43.9277	GY	3.79	
606			-14.6426	GY	4.02	
666			-14.6426	GY	0.17	
666			-43.9277	GY	0.41	
666			-73.2128	GY	0.66	
666			-102.4980	GY	0.92	
666			-131.7831	GY	1.19	
666			-161.0683	GY	1.45	
666			-190.3534	GY	1.71	
666			-219.6385	GY	1.97	
666	-892.4998	GY	2.10	2.70		
666			-219.6387	GY	2.83	
666			-190.3535	GY	3.09	
666			-161.0683	GY	3.35	
666			-131.7832	GY	3.61	
666			-102.4980	GY	3.87	
666			-73.2129	GY	4.14	
666			-43.9277	GY	4.39	
666			-14.6426	GY	4.62	
614			-36.6562	GY	0.03	
614			-37.7187	GY	0.08	
614			-38.7812	GY	0.13	
614			-39.8437	GY	0.18	
614			-40.9062	GY	0.23	
614			-41.9687	GY	0.28	
614			-43.0312	GY	0.33	
614			-44.0937	GY	0.38	
614			-219.6387	GY	0.53	
614			-190.3535	GY	0.79	
614			-161.0684	GY	1.05	
614			-131.7832	GY	1.31	
614			-102.4980	GY	1.57	
614			-73.2129	GY	1.83	
614			-43.9277	GY	2.09	
614			-14.6426	GY	2.32	
613			-9.5957	GY	0.14	

```
613                          -28.7871 GY   0.33
613                          -47.9785 GY   0.54
613                          -67.1700 GY   0.75
613                          -86.3614 GY   0.96
613                         -105.5528 GY   1.17
613                         -124.7442 GY   1.38
613                         -143.9356 GY   1.60
659                          -58.5703 GY   0.09
659                          -71.5859 GY   0.27
659                          -84.6015 GY   0.44
659                          -97.6172 GY   0.61
659                         -110.6328 GY   0.79
659                         -123.6484 GY   0.96
659                         -136.6640 GY   1.14
659                         -149.6797 GY   1.31
659  -892.5002 GY   1.40    2.00
659                         -219.6387 GY   2.13
659                         -190.3535 GY   2.39
659                         -161.0684 GY   2.65
659                         -131.7832 GY   2.91
659                         -102.4981 GY   3.17
659                          -73.2129 GY   3.43
659                          -43.9277 GY   3.69
659                          -14.6426 GY   3.92
658                           -1.6270 GY   0.06
658                           -4.8809 GY   0.14
658                           -8.1348 GY   0.22
658                          -11.3887 GY   0.31
658                          -14.6426 GY   0.40
658                          -17.8965 GY   0.48
658                          -21.1504 GY   0.57
658                          -24.4043 GY   0.66
607                          -11.0587 GY   0.15
607                          -33.1762 GY   0.35
607                          -55.2936 GY   0.58
607                          -77.4110 GY   0.80
607                          -99.5285 GY   1.03
607                         -121.6459 GY   1.26
607                         -143.7633 GY   1.49
607                         -165.8808 GY   1.71
607                         -165.8807 GY   1.94
607                         -143.7632 GY   2.16
607                         -121.6458 GY   2.39
607                          -99.5284 GY   2.62
607                          -77.4110 GY   2.85
607                          -55.2936 GY   3.07
607                          -33.1761 GY   3.30
607                          -11.0587 GY   3.50
653                           -0.1328 GY   0.02
653                           -0.3984 GY   0.04
653                           -0.6641 GY   0.06
653                           -0.9297 GY   0.09
653                           -1.1953 GY   0.11
653                           -1.4609 GY   0.14
653                           -1.7266 GY   0.16
653                           -1.9922 GY   0.19
```

654			-26.0334	GY	0.11
654			-43.5688	GY	0.31
654			-61.1041	GY	0.51
654			-78.6395	GY	0.71
654			-96.1749	GY	0.92
654			-113.7103	GY	1.12
654			-131.2457	GY	1.32
654			-148.7810	GY	1.53
654	-775.6247	GY 1.62	2.08		
654			-165.8807	GY	2.19
654			-143.7632	GY	2.41
654			-121.6458	GY	2.64
654			-99.5284	GY	2.87
654			-77.4110	GY	3.10
654			-55.2936	GY	3.32
654			-33.1761	GY	3.55
654			-11.0587	GY	3.75
611			-11.0587	GY	0.15
611			-33.1762	GY	0.35
611			-55.2936	GY	0.58
611			-77.4110	GY	0.80
611			-99.5285	GY	1.03
611			-121.6459	GY	1.26
611			-143.7633	GY	1.49
611			-165.8808	GY	1.71
611			-165.8807	GY	1.94
611			-143.7632	GY	2.16
611			-121.6458	GY	2.39
611			-99.5284	GY	2.62
611			-77.4110	GY	2.85
611			-55.2936	GY	3.07
611			-33.1761	GY	3.30
611			-11.0587	GY	3.50
645			-11.0587	GY	0.15
645			-33.1761	GY	0.35
645			-55.2936	GY	0.58
645			-77.4110	GY	0.80
645			-99.5284	GY	1.03
645			-121.6459	GY	1.26
645			-143.7633	GY	1.49
645			-165.8807	GY	1.71
645	-775.6252	GY 1.82	2.28		
645			-165.8807	GY	2.39
645			-143.7633	GY	2.61
645			-121.6459	GY	2.84
645			-99.5284	GY	3.07
645			-77.4110	GY	3.30
645			-55.2936	GY	3.52
645			-33.1761	GY	3.75
645			-11.0587	GY	3.95
608			-11.0587	GY	0.15
608			-33.1761	GY	0.35
608			-55.2936	GY	0.58
608			-77.4110	GY	0.80
608			-99.5284	GY	1.03
608			-121.6458	GY	1.26

608			-143.7632	GY	1.49
608			-165.8807	GY	1.71
608			-165.8808	GY	1.94
608			-143.7634	GY	2.16
608			-121.6459	GY	2.39
608			-99.5285	GY	2.62
608			-77.4110	GY	2.85
608			-55.2936	GY	3.07
608			-33.1762	GY	3.30
608			-11.0587	GY	3.50
659			-11.0587	GY	0.15
659			-33.1762	GY	0.35
659			-55.2936	GY	0.58
659			-77.4110	GY	0.80
659			-99.5285	GY	1.03
659			-121.6459	GY	1.26
659			-143.7633	GY	1.49
659			-165.8808	GY	1.71
659	-775.6253	GY 1.82	2.28		
659			-165.8808	GY	2.39
659			-143.7633	GY	2.61
659			-121.6459	GY	2.84
659			-99.5285	GY	3.07
659			-77.4110	GY	3.30
659			-55.2936	GY	3.52
659			-33.1762	GY	3.75
659			-11.0587	GY	3.95
612			-11.0587	GY	0.15
612			-33.1762	GY	0.35
612			-55.2936	GY	0.58
612			-77.4110	GY	0.80
612			-99.5285	GY	1.03
612			-121.6459	GY	1.26
612			-143.7633	GY	1.49
612			-165.8808	GY	1.71
612			-165.8807	GY	1.94
612			-143.7633	GY	2.16
612			-121.6459	GY	2.39
612			-99.5284	GY	2.62
612			-77.4110	GY	2.85
612			-55.2936	GY	3.07
612			-33.1761	GY	3.30
612			-11.0587	GY	3.50
654			-26.0333	GY	0.11
654			-43.5687	GY	0.31
654			-61.1041	GY	0.51
654			-78.6395	GY	0.71
654			-96.1749	GY	0.92
654			-113.7103	GY	1.12
654			-131.2456	GY	1.32
654			-148.7810	GY	1.53
654	-775.6247	GY 1.62	2.08		
654			-165.8807	GY	2.19
654			-143.7632	GY	2.41
654			-121.6458	GY	2.64
654			-99.5284	GY	2.87

654			-77.4110	GY	3.10
654			-55.2936	GY	3.32
654			-33.1761	GY	3.55
654			-11.0587	GY	3.75
653			-0.1328	GY	0.02
653			-0.3984	GY	0.04
653			-0.6641	GY	0.06
653			-0.9297	GY	0.09
653			-1.1953	GY	0.11
653			-1.4609	GY	0.14
653			-1.7266	GY	0.16
653			-1.9922	GY	0.19
609			-2.6895	GY	0.08
609			-8.0684	GY	0.17
609			-13.4473	GY	0.28
609			-18.8262	GY	0.40
609			-24.2051	GY	0.51
609			-29.5840	GY	0.62
609			-34.9629	GY	0.73
609			-40.3418	GY	0.84
609			-40.3418	GY	0.95
609			-34.9629	GY	1.07
609			-29.5840	GY	1.18
609			-24.2051	GY	1.29
609			-18.8262	GY	1.40
609			-13.4473	GY	1.51
609			-8.0684	GY	1.62
609			-2.6895	GY	1.72
642			-2.6895	GY	0.08
642			-8.0684	GY	0.18
642			-13.4473	GY	0.29
642			-18.8262	GY	0.40
642			-24.2051	GY	0.51
642			-29.5840	GY	0.62
642			-34.9629	GY	0.73
642			-40.3418	GY	0.85
642	-382.5000	GY	0.90		1.30
642			-40.3418	GY	1.36
642			-34.9629	GY	1.47
642			-29.5840	GY	1.58
642			-24.2051	GY	1.69
642			-18.8262	GY	1.80
642			-13.4473	GY	1.91
642			-8.0684	GY	2.02
642			-2.6895	GY	2.12
615			-2.6895	GY	0.08
615			-8.0684	GY	0.17
615			-13.4473	GY	0.28
615			-18.8262	GY	0.40
615			-24.2051	GY	0.51
615			-29.5840	GY	0.62
615			-34.9629	GY	0.73
615			-40.3418	GY	0.84
615			-40.3418	GY	0.95
615			-34.9629	GY	1.07
615			-29.5840	GY	1.18

```
615                          -24.2051 GY   1.29
615                          -18.8262 GY   1.40
615                          -13.4473 GY   1.51
615                           -8.0684 GY   1.62
615                           -2.6895 GY   1.72
637                           -2.6895 GY   0.08
637                           -8.0684 GY   0.18
637                          -13.4473 GY   0.29
637                          -18.8262 GY   0.40
637                          -24.2051 GY   0.51
637                          -29.5840 GY   0.62
637                          -34.9629 GY   0.73
637                          -40.3418 GY   0.85
637  -382.5000 GY   0.90    1.30
637                          -40.3418 GY   1.36
637                          -34.9629 GY   1.47
637                          -29.5840 GY   1.58
637                          -24.2051 GY   1.69
637                          -18.8262 GY   1.80
637                          -13.4473 GY   1.91
637                           -8.0684 GY   2.02
637                           -2.6895 GY   2.12
610                           -4.0176 GY   0.09
610                          -12.0527 GY   0.21
610                          -20.0879 GY   0.35
610                          -28.1231 GY   0.48
610                          -36.1582 GY   0.62
610                          -44.1934 GY   0.76
610                          -52.2285 GY   0.90
610                          -60.2637 GY   1.03
610  -467.5002 GY   1.10    1.30
610                          -60.2637 GY   1.37
610                          -52.2285 GY   1.50
610                          -44.1934 GY   1.64
610                          -36.1582 GY   1.78
610                          -28.1230 GY   1.92
610                          -20.0879 GY   2.05
610                          -12.0527 GY   2.19
610                           -4.0176 GY   2.31
646                           -4.0176 GY   0.09
646                          -12.0527 GY   0.21
646                          -20.0879 GY   0.35
646                          -28.1230 GY   0.48
646                          -36.1582 GY   0.62
646                          -44.1934 GY   0.76
646                          -52.2285 GY   0.90
646                          -60.2637 GY   1.03
646                          -60.2636 GY   1.17
646                          -52.2285 GY   1.30
646                          -44.1933 GY   1.44
646                          -36.1582 GY   1.58
646                          -28.1230 GY   1.72
646                          -20.0879 GY   1.85
646                          -12.0527 GY   1.99
646                           -4.0176 GY   2.11
616                           -4.0176 GY   0.09
```

616			-12.0527	GY	0.21
616			-20.0879	GY	0.35
616			-28.1230	GY	0.48
616			-36.1582	GY	0.62
616			-44.1933	GY	0.76
616			-52.2285	GY	0.90
616			-60.2636	GY	1.03
616	-467.4998	GY 1.10	1.30		
616			-60.2636	GY	1.37
616			-52.2285	GY	1.50
616			-44.1933	GY	1.64
616			-36.1582	GY	1.78
616			-28.1230	GY	1.92
616			-20.0879	GY	2.05
616			-12.0527	GY	2.19
616			-4.0176	GY	2.31
642			-4.0176	GY	0.09
642			-12.0527	GY	0.21
642			-20.0879	GY	0.35
642			-28.1231	GY	0.48
642			-36.1582	GY	0.62
642			-44.1934	GY	0.76
642			-52.2285	GY	0.90
642			-60.2637	GY	1.03
642			-60.2636	GY	1.17
642			-52.2285	GY	1.30
642			-44.1933	GY	1.44
642			-36.1582	GY	1.58
642			-28.1230	GY	1.72
642			-20.0879	GY	1.85
642			-12.0527	GY	1.99
642			-4.0176	GY	2.11
660			-7.4707	GY	0.12
660			-22.4121	GY	0.29
660			-37.3535	GY	0.47
660			-52.2949	GY	0.66
660			-67.2363	GY	0.85
660			-82.1777	GY	1.03
660			-97.1191	GY	1.22
660			-112.0605	GY	1.41
660			-112.0606	GY	1.59
660			-97.1192	GY	1.78
660			-82.1778	GY	1.97
660			-67.2363	GY	2.15
660			-52.2949	GY	2.34
660			-37.3535	GY	2.52
660			-22.4121	GY	2.71
660			-7.4707	GY	2.87
618			-112.0606	GY	0.29
618			-97.1192	GY	0.48
618			-82.1777	GY	0.67
618			-67.2363	GY	0.85
618			-52.2949	GY	1.04
618			-37.3535	GY	1.23
618			-22.4121	GY	1.41
618			-7.4707	GY	1.58

```
618  -637.5000 GY   0.00    0.20
617                            -7.4707 GY   0.12
617                           -22.4121 GY   0.29
617                           -37.3535 GY   0.47
617                           -52.2949 GY   0.66
617                           -67.2363 GY   0.85
617                           -82.1777 GY   1.03
617                           -97.1190 GY   1.22
617                          -112.0604 GY   1.41
617  -637.4996 GY   1.50    5.60
647                           -31.8750 GY   0.05
647                           -27.6250 GY   0.15
647                           -23.3750 GY   0.25
647                           -19.1250 GY   0.35
647                           -14.8750 GY   0.45
647                           -10.6250 GY   0.55
647                            -6.3750 GY   0.64
647                            -2.1250 GY   0.73
646                            -7.4707 GY   0.12
646                           -22.4121 GY   0.29
646                           -37.3535 GY   0.47
646                           -52.2949 GY   0.66
646                           -67.2363 GY   0.85
646                           -82.1777 GY   1.03
646                           -97.1191 GY   1.22
646                          -112.0605 GY   1.41
646                           -54.1543 GY   1.54
646                           -50.9004 GY   1.63
646                           -47.6465 GY   1.72
646                           -44.3926 GY   1.81
646                           -41.1387 GY   1.89
646                           -37.8848 GY   1.98
646                           -34.6309 GY   2.07
646                           -31.3770 GY   2.16
612  -637.5000 GY   0.00    2.15
612                          -112.0605 GY   2.24
612                           -97.1191 GY   2.43
612                           -82.1777 GY   2.62
612                           -67.2363 GY   2.80
612                           -52.2949 GY   2.99
612                           -37.3535 GY   3.18
612                           -22.4121 GY   3.36
612                            -7.4707 GY   3.53
611  -637.5000 GY   1.50    3.65
611                            -7.4707 GY   0.12
611                           -22.4121 GY   0.29
611                           -37.3535 GY   0.47
611                           -52.2949 GY   0.66
611                           -67.2363 GY   0.85
611                           -82.1777 GY   1.03
611                           -97.1191 GY   1.22
611                          -112.0605 GY   1.41
613                            -2.3989 GY   0.07
613                            -7.1968 GY   0.17
613                           -11.9946 GY   0.27
613                           -16.7925 GY   0.37
```

```
613                          -21.5903 GY   0.48
613                          -26.3882 GY   0.59
613                          -31.1860 GY   0.69
613                          -35.9839 GY   0.80
613                          -35.9839 GY   0.90
613                          -31.1860 GY   1.01
613                          -26.3882 GY   1.11
613                          -21.5903 GY   1.22
613                          -16.7925 GY   1.33
613                          -11.9946 GY   1.43
613                           -7.1968 GY   1.53
613                           -2.3989 GY   1.63
664                           -2.3989 GY   0.07
664                           -7.1968 GY   0.17
664                          -11.9946 GY   0.27
664                          -16.7925 GY   0.37
664                          -21.5904 GY   0.48
664                          -26.3882 GY   0.59
664                          -31.1861 GY   0.69
664                          -35.9839 GY   0.80
664  -361.2502 GY   0.85    2.15
664                          -35.9840 GY   2.20
664                          -31.1861 GY   2.31
664                          -26.3882 GY   2.41
664                          -21.5904 GY   2.52
664                          -16.7925 GY   2.63
664                          -11.9947 GY   2.73
664                           -7.1968 GY   2.83
664                           -2.3989 GY   2.93
620                          -31.8751 GY   0.05
620                          -27.6251 GY   0.15
620                          -23.3751 GY   0.25
620                          -19.1251 GY   0.35
620                          -14.8751 GY   0.45
620                          -10.6250 GY   0.55
620                           -6.3750 GY   0.64
620                           -2.1250 GY   0.73
619                           -2.3989 GY   0.07
619                           -7.1968 GY   0.17
619                          -11.9946 GY   0.27
619                          -16.7925 GY   0.37
619                          -21.5904 GY   0.48
619                          -26.3882 GY   0.59
619                          -31.1861 GY   0.69
619                          -35.9839 GY   0.80
619                           -2.2495 GY   0.85
619                           -2.2329 GY   0.86
619                           -2.2163 GY   0.87
619                           -2.1997 GY   0.87
619                           -2.1831 GY   0.88
619                           -2.1665 GY   0.88
619                           -2.1499 GY   0.89
619                           -2.1333 GY   0.90
660                           -2.3989 GY   0.07
660                           -7.1968 GY   0.17
660                          -11.9946 GY   0.27
```

```
660                          -16.7925 GY   0.37
660                          -21.5904 GY   0.48
660                          -26.3882 GY   0.59
660                          -31.1861 GY   0.69
660                          -35.9839 GY   0.80
660  -361.2502 GY   0.85    2.15
660                          -35.9840 GY   2.20
660                          -31.1861 GY   2.31
660                          -26.3882 GY   2.41
660                          -21.5904 GY   2.52
660                          -16.7925 GY   2.63
660                          -11.9947 GY   2.73
660                           -7.1968 GY   2.83
660                           -2.3989 GY   2.93
614                           -5.1880 GY   0.10
614                          -15.5639 GY   0.24
614                          -25.9399 GY   0.40
614                          -36.3159 GY   0.55
614                          -46.6918 GY   0.71
614                          -57.0678 GY   0.86
614                          -67.4437 GY   1.02
614                          -77.8197 GY   1.17
614                          -77.8198 GY   1.33
614                          -67.4438 GY   1.48
614                          -57.0678 GY   1.64
614                          -46.6919 GY   1.79
614                          -36.3159 GY   1.95
614                          -25.9399 GY   2.10
614                          -15.5640 GY   2.26
614                           -5.1880 GY   2.40
667                           -5.1880 GY   0.10
667                          -15.5640 GY   0.24
667                          -25.9399 GY   0.40
667                          -36.3159 GY   0.55
667                          -46.6919 GY   0.71
667                          -57.0678 GY   0.86
667                          -67.4438 GY   1.02
667                          -77.8198 GY   1.17
667  -531.2500 GY   1.25    1.75
667                          -77.8198 GY   1.83
667                          -67.4439 GY   1.98
667                          -57.0679 GY   2.14
667                          -46.6919 GY   2.29
667                          -36.3159 GY   2.45
667                          -25.9399 GY   2.60
667                          -15.5640 GY   2.76
667                           -5.1880 GY   2.90
621                           -5.1880 GY   0.10
621                          -15.5640 GY   0.24
621                          -25.9399 GY   0.40
621                          -36.3159 GY   0.55
621                          -46.6919 GY   0.71
621                          -57.0678 GY   0.86
621                          -67.4438 GY   1.02
621                          -77.8198 GY   1.17
621                          -77.8198 GY   1.33
```

```
621                          -67.4439 GY   1.48
621                          -57.0679 GY   1.64
621                          -46.6919 GY   1.79
621                          -36.3159 GY   1.95
621                          -25.9399 GY   2.10
621                          -15.5640 GY   2.26
621                           -5.1880 GY   2.40
664                           -5.1880 GY   0.10
664                          -15.5639 GY   0.24
664                          -25.9399 GY   0.40
664                          -36.3159 GY   0.55
664                          -46.6918 GY   0.71
664                          -57.0678 GY   0.86
664                          -67.4438 GY   1.02
664                          -77.8197 GY   1.17
664  -531.2496 GY   1.25    1.75
664                          -77.8198 GY   1.83
664                          -67.4438 GY   1.98
664                          -57.0678 GY   2.14
664                          -46.6919 GY   2.29
664                          -36.3159 GY   2.45
664                          -25.9399 GY   2.60
664                          -15.5640 GY   2.76
664                           -5.1880 GY   2.90
647                           -2.1250 GY   0.07
647                           -6.3750 GY   0.16
647                          -10.6250 GY   0.25
647                          -14.8750 GY   0.35
647                          -19.1250 GY   0.45
647                          -23.3750 GY   0.55
647                          -27.6250 GY   0.65
647                          -31.8750 GY   0.75
648                          -31.8750 GY   0.05
648                          -27.6250 GY   0.15
648                          -23.3750 GY   0.25
648                          -19.1250 GY   0.35
648                          -14.8750 GY   0.45
648                          -10.6250 GY   0.55
648                           -6.3750 GY   0.64
648                           -2.1250 GY   0.73
622                           -2.1250 GY   0.07
622                           -6.3750 GY   0.16
622                          -10.6250 GY   0.25
622                          -14.8750 GY   0.35
622                          -19.1250 GY   0.45
622                          -23.3750 GY   0.55
622                          -27.6250 GY   0.65
622                          -31.8750 GY   0.75
622  -340.0001 GY   0.80    3.40
622                          -31.8750 GY   3.45
622                          -27.6250 GY   3.55
622                          -23.3750 GY   3.65
622                          -19.1250 GY   3.75
622                          -14.8750 GY   3.85
622                          -10.6250 GY   3.95
622                           -6.3750 GY   4.04
```

622			-2.1250 GY	4.13
639			-0.4980 GY	0.01
639			-0.4316 GY	0.02
639			-0.3652 GY	0.03
639			-0.2988 GY	0.04
639			-0.2324 GY	0.06
639			-0.1660 GY	0.07
639			-0.0996 GY	0.08
639			-0.0332 GY	0.09
638			-2.1250 GY	0.07
638			-6.3750 GY	0.16
638			-10.6250 GY	0.25
638			-14.8750 GY	0.35
638			-19.1250 GY	0.45
638			-23.3750 GY	0.55
638			-27.6250 GY	0.65
638			-31.8750 GY	0.75
638			-28.1231 GY	0.84
638			-24.8692 GY	0.93
638			-21.6152 GY	1.02
638			-18.3613 GY	1.10
638			-15.1074 GY	1.19
638			-11.8535 GY	1.28
638			-8.5996 GY	1.37
638			-5.3457 GY	1.45
616	-340.0001 GY	0.00	1.60	
616			-31.8750 GY	1.65
616			-27.6250 GY	1.75
616			-23.3750 GY	1.85
616			-19.1250 GY	1.95
616			-14.8750 GY	2.05
616			-10.6250 GY	2.15
616			-6.3750 GY	2.24
616			-2.1250 GY	2.33
615	-340.0001 GY	0.80	1.80	
615			-2.1250 GY	0.07
615			-6.3750 GY	0.16
615			-10.6250 GY	0.25
615			-14.8750 GY	0.35
615			-19.1250 GY	0.45
615			-23.3750 GY	0.55
615			-27.6250 GY	0.65
615			-31.8750 GY	0.75
617			-24.2051 GY	0.23
617			-72.6153 GY	0.53
617			-121.0255 GY	0.86
617			-169.4357 GY	1.19
617			-217.8458 GY	1.53
617			-266.2560 GY	1.86
617			-314.6662 GY	2.20
617			-363.0764 GY	2.54
617	-1147.5002 GY	2.70	2.90	
617			-363.0763 GY	3.06
617			-314.6661 GY	3.40
617			-266.2560 GY	3.74
617			-217.8458 GY	4.07

617			-169.4356	GY	4.41
617			-121.0254	GY	4.74
617			-72.6153	GY	5.07
617			-24.2051	GY	5.38
655			-24.2051	GY	0.22
655			-72.6152	GY	0.52
655			-121.0254	GY	0.85
655			-169.4355	GY	1.19
655			-217.8457	GY	1.52
655			-266.2559	GY	1.86
655			-314.6660	GY	2.20
655			-363.0762	GY	2.53
655			-363.0763	GY	2.86
655			-314.6661	GY	3.20
655			-266.2560	GY	3.54
655			-217.8458	GY	3.88
655			-169.4356	GY	4.21
655			-121.0254	GY	4.55
655			-72.6153	GY	4.88
655			-24.2051	GY	5.18
626			-263.4668	GY	0.14
626			-228.3379	GY	0.43
626			-193.2090	GY	0.71
626			-158.0801	GY	1.00
626			-122.9512	GY	1.29
626			-87.8223	GY	1.57
626			-52.6934	GY	1.85
626			-17.5645	GY	2.11
625			-24.2051	GY	0.23
625			-72.6152	GY	0.53
625			-121.0254	GY	0.86
625			-169.4356	GY	1.19
625			-217.8457	GY	1.53
625			-266.2559	GY	1.86
625			-314.6661	GY	2.20
625			-363.0762	GY	2.54
625	-1147.4999	GY	2.70		2.90
625			-56.8439	GY	2.92
625			-55.7814	GY	2.97
625			-54.7189	GY	3.02
625			-53.6564	GY	3.07
625			-52.5939	GY	3.12
625			-51.5314	GY	3.17
625			-50.4689	GY	3.22
625			-49.4064	GY	3.27
649			-92.7364	GY	0.12
649			-116.7090	GY	0.36
649			-140.6817	GY	0.60
649			-164.6544	GY	0.83
649			-188.6270	GY	1.07
649			-212.5997	GY	1.31
649			-236.5723	GY	1.55
649			-260.5450	GY	1.78
649			-363.0763	GY	2.06
649			-314.6661	GY	2.40
649			-266.2560	GY	2.74

```
649                          -217.8458 GY   3.07
649                          -169.4356 GY   3.41
649                          -121.0254 GY   3.75
649                           -72.6153 GY   4.07
649                           -24.2051 GY   4.38
648                            -2.1250 GY   0.07
648                            -6.3750 GY   0.16
648                           -10.6250 GY   0.25
648                           -14.8750 GY   0.35
648                           -19.1250 GY   0.45
648                           -23.3750 GY   0.55
648                           -27.6250 GY   0.65
648                           -31.8751 GY   0.75
661  -552.4997 GY   1.30    2.00
661                            -5.6113 GY   0.11
661                           -16.8340 GY   0.25
661                           -28.0566 GY   0.41
661                           -39.2793 GY   0.57
661                           -50.5019 GY   0.73
661                           -61.7246 GY   0.90
661                           -72.9472 GY   1.06
661                           -84.1699 GY   1.22
662  -552.4997 GY   0.00    2.10
662                           -84.1698 GY   2.18
662                           -72.9472 GY   2.34
662                           -61.7246 GY   2.50
662                           -50.5019 GY   2.67
662                           -39.2793 GY   2.83
662                           -28.0566 GY   2.99
662                           -16.8340 GY   3.15
662                            -5.6113 GY   3.29
628                           -71.7187 GY   0.07
628                           -62.1562 GY   0.22
628                           -52.5937 GY   0.37
628                           -43.0312 GY   0.52
628                           -33.4687 GY   0.67
628                           -23.9062 GY   0.82
628                           -14.3437 GY   0.97
628                            -4.7812 GY   1.10
627                            -5.6113 GY   0.11
627                           -16.8340 GY   0.25
627                           -28.0566 GY   0.41
627                           -39.2793 GY   0.57
627                           -50.5019 GY   0.73
627                           -61.7246 GY   0.90
627                           -72.9472 GY   1.06
627                           -84.1698 GY   1.22
627                            -6.8731 GY   1.31
627                            -6.8067 GY   1.32
627                            -6.7403 GY   1.33
627                            -6.6738 GY   1.34
627                            -6.6074 GY   1.36
627                            -6.5410 GY   1.37
627                            -6.4746 GY   1.38
627                            -6.4082 GY   1.39
655                            -5.6113 GY   0.11
```

```
655                          -16.8340 GY   0.25
655                          -28.0566 GY   0.41
655                          -39.2793 GY   0.57
655                          -50.5020 GY   0.73
655                          -61.7246 GY   0.90
655                          -72.9473 GY   1.06
655                          -84.1699 GY   1.22
655  -552.5001 GY   1.30    4.10
655                          -84.1699 GY   4.18
655                          -72.9472 GY   4.34
655                          -61.7246 GY   4.50
655                          -50.5019 GY   4.67
655                          -39.2793 GY   4.83
655                          -28.0566 GY   4.99
655                          -16.8340 GY   5.15
655                           -5.6113 GY   5.29
619                          -40.3418 GY   0.05
619                          -34.9628 GY   0.17
619                          -29.5840 GY   0.28
619                          -24.2050 GY   0.39
619                          -18.8262 GY   0.50
619                          -13.4473 GY   0.61
619                           -8.0683 GY   0.72
619                           -2.6895 GY   0.82
618                           -5.6113 GY   0.11
618                          -16.8340 GY   0.25
618                          -28.0567 GY   0.41
618                          -39.2793 GY   0.57
618                          -50.5020 GY   0.73
618                          -61.7246 GY   0.90
618                          -72.9473 GY   1.06
618                          -84.1700 GY   1.22
618                          -27.0937 GY   1.32
618                          -26.0312 GY   1.37
618                          -24.9687 GY   1.42
618                          -23.9062 GY   1.47
618                          -22.8437 GY   1.52
618                          -21.7812 GY   1.57
618                          -20.7187 GY   1.62
618                          -19.6562 GY   1.67
668                           -3.3203 GY   0.08
668                           -9.9609 GY   0.19
668                          -16.6016 GY   0.32
668                          -23.2422 GY   0.44
668                          -29.8828 GY   0.56
668                          -36.5235 GY   0.69
668                          -43.1641 GY   0.81
668                          -49.8047 GY   0.94
668                          -49.8048 GY   1.06
668                          -43.1641 GY   1.19
668                          -36.5235 GY   1.31
668                          -29.8829 GY   1.44
668                          -23.2422 GY   1.56
668                          -16.6016 GY   1.68
668                           -9.9610 GY   1.81
668                           -3.3203 GY   1.92
```

```
623                          -3.3203 GY   0.08
623                          -9.9609 GY   0.19
623                         -16.6016 GY   0.32
623                         -23.2422 GY   0.44
623                         -29.8828 GY   0.56
623                         -36.5235 GY   0.69
623                         -43.1641 GY   0.81
623                         -49.8047 GY   0.94
623  -425.0004 GY   1.00    2.30
623                         -49.8048 GY   2.36
623                         -43.1641 GY   2.49
623                         -36.5235 GY   2.61
623                         -29.8829 GY   2.74
623                         -23.2422 GY   2.86
623                         -16.6016 GY   2.98
623                          -9.9610 GY   3.11
623                          -3.3203 GY   3.22
661                          -3.3203 GY   0.08
661                          -9.9609 GY   0.19
661                         -16.6016 GY   0.32
661                         -23.2422 GY   0.44
661                         -29.8828 GY   0.56
661                         -36.5234 GY   0.69
661                         -43.1641 GY   0.81
661                         -49.8047 GY   0.94
661                         -49.8047 GY   1.06
661                         -43.1641 GY   1.19
661                         -36.5235 GY   1.31
661                         -29.8828 GY   1.44
661                         -23.2422 GY   1.56
661                         -16.6016 GY   1.68
661                          -9.9609 GY   1.81
661                          -3.3203 GY   1.92
621                          -8.6328 GY   0.01
621                          -8.8984 GY   0.04
621                          -9.1640 GY   0.06
621                          -9.4296 GY   0.09
621                          -9.6953 GY   0.11
621                          -9.9609 GY   0.14
621                         -10.2265 GY   0.16
621                         -10.4921 GY   0.19
621  -425.0000 GY   0.20    1.50
621                         -49.8047 GY   1.56
621                         -43.1641 GY   1.69
621                         -36.5235 GY   1.81
621                         -29.8828 GY   1.94
621                         -23.2422 GY   2.06
621                         -16.6016 GY   2.18
621                          -9.9609 GY   2.31
621                          -3.3203 GY   2.42
620                          -2.1250 GY   0.07
620                          -6.3750 GY   0.16
620                         -10.6250 GY   0.25
620                         -14.8750 GY   0.35
620                         -19.1250 GY   0.45
620                         -23.3751 GY   0.55
```

620			-27.6251	GY	0.65
620			-31.8751	GY	0.75
622			-14.6426	GY	0.18
622			-43.9277	GY	0.41
622			-73.2129	GY	0.67
622			-102.4981	GY	0.93
622			-131.7832	GY	1.19
622			-161.0684	GY	1.45
622			-190.3536	GY	1.71
622			-219.6387	GY	1.97
622			-219.6387	GY	2.23
622			-190.3536	GY	2.49
622			-161.0684	GY	2.75
622			-131.7832	GY	3.01
622			-102.4981	GY	3.28
622			-73.2129	GY	3.54
622			-43.9277	GY	3.79
622			-14.6426	GY	4.03
649			-14.6426	GY	0.18
649			-43.9277	GY	0.41
649			-73.2129	GY	0.67
649			-102.4981	GY	0.93
649			-131.7832	GY	1.19
649			-161.0684	GY	1.45
649			-190.3536	GY	1.71
649			-219.6388	GY	1.97
649	-892.5001	GY	2.10	2.50	
649			-219.6388	GY	2.63
649			-190.3536	GY	2.89
649			-161.0684	GY	3.15
649			-131.7832	GY	3.41
649			-102.4981	GY	3.67
649			-73.2129	GY	3.93
649			-43.9277	GY	4.19
649			-14.6426	GY	4.42
624			-14.6426	GY	0.18
624			-43.9277	GY	0.41
624			-73.2129	GY	0.67
624			-102.4981	GY	0.93
624			-131.7832	GY	1.19
624			-161.0684	GY	1.45
624			-190.3536	GY	1.71
624			-219.6387	GY	1.97
624			-219.6387	GY	2.23
624			-190.3536	GY	2.49
624			-161.0684	GY	2.75
624			-131.7832	GY	3.01
624			-102.4981	GY	3.28
624			-73.2129	GY	3.54
624			-43.9277	GY	3.79
624			-14.6426	GY	4.03
640			-14.6426	GY	0.18
640			-43.9277	GY	0.41
640			-73.2129	GY	0.67
640			-102.4981	GY	0.93
640			-131.7832	GY	1.19

640			-161.0684 GY	1.45
640			-190.3536 GY	1.71
640			-219.6388 GY	1.97
640	-892.5001 GY	2.10	2.50	
640			-219.6388 GY	2.63
640			-190.3536 GY	2.89
640			-161.0684 GY	3.15
640			-131.7832 GY	3.41
640			-102.4981 GY	3.67
640			-73.2129 GY	3.93
640			-43.9277 GY	4.19
640			-14.6426 GY	4.42
623			-9.0396 GY	0.14
623			-27.1187 GY	0.32
623			-45.1978 GY	0.52
623			-63.2769 GY	0.73
623			-81.3560 GY	0.93
623			-99.4351 GY	1.14
623			-117.5142 GY	1.34
623			-135.5933 GY	1.55
623			-135.5932 GY	1.75
623			-117.5141 GY	1.96
623			-99.4350 GY	2.16
623			-81.3559 GY	2.37
623			-63.2768 GY	2.57
623			-45.1977 GY	2.78
623			-27.1186 GY	2.98
623			-9.0395 GY	3.16
669			-9.0395 GY	0.14
669			-27.1186 GY	0.32
669			-45.1977 GY	0.52
669			-63.2768 GY	0.73
669			-81.3559 GY	0.93
669			-99.4350 GY	1.14
669			-117.5141 GY	1.34
669			-135.5932 GY	1.55
669	-701.2498 GY	1.65	1.75	
669			-135.5932 GY	1.85
669			-117.5141 GY	2.06
669			-99.4350 GY	2.26
669			-81.3559 GY	2.47
669			-63.2768 GY	2.67
669			-45.1977 GY	2.88
669			-27.1186 GY	3.08
669			-9.0395 GY	3.26
629			-9.0395 GY	0.14
629			-27.1186 GY	0.32
629			-45.1977 GY	0.52
629			-63.2768 GY	0.73
629			-81.3559 GY	0.93
629			-99.4350 GY	1.14
629			-117.5141 GY	1.34
629			-135.5932 GY	1.55
629			-135.5933 GY	1.75
629			-117.5142 GY	1.96
629			-99.4351 GY	2.16

629			-81.3560	GY	2.37
629			-63.2769	GY	2.57
629			-45.1978	GY	2.78
629			-27.1187	GY	2.98
629			-9.0396	GY	3.16
662			-9.0396	GY	0.14
662			-27.1187	GY	0.32
662			-45.1978	GY	0.52
662			-63.2769	GY	0.73
662			-81.3560	GY	0.93
662			-99.4351	GY	1.14
662			-117.5142	GY	1.34
662			-135.5933	GY	1.55
662	-701.2502	GY	1.65	1.75	
662			-135.5933	GY	1.85
662			-117.5142	GY	2.06
662			-99.4351	GY	2.26
662			-81.3560	GY	2.47
662			-63.2769	GY	2.67
662			-45.1978	GY	2.88
662			-27.1187	GY	3.08
662			-9.0396	GY	3.26
624			-6.9810	GY	0.12
624			-20.9429	GY	0.28
624			-34.9048	GY	0.46
624			-48.8667	GY	0.64
624			-62.8286	GY	0.82
624			-76.7906	GY	1.00
624			-90.7525	GY	1.18
624			-104.7144	GY	1.36
624	-616.2503	GY	1.45	2.75	
624			-104.7144	GY	2.84
624			-90.7524	GY	3.02
624			-76.7905	GY	3.20
624			-62.8286	GY	3.38
624			-48.8667	GY	3.56
624			-34.9048	GY	3.74
624			-20.9429	GY	3.92
624			-6.9810	GY	4.08
650			-6.9810	GY	0.12
650			-20.9429	GY	0.28
650			-34.9048	GY	0.46
650			-48.8667	GY	0.64
650			-62.8286	GY	0.82
650			-76.7905	GY	1.00
650			-90.7524	GY	1.18
650			-104.7144	GY	1.36
650			-104.7142	GY	1.54
650			-90.7523	GY	1.72
650			-76.7904	GY	1.90
650			-62.8285	GY	2.08
650			-48.8666	GY	2.26
650			-34.9047	GY	2.44
650			-20.9428	GY	2.62
650			-6.9809	GY	2.78
630			-6.9810	GY	0.12

630			-20.9429 GY	0.28
630			-34.9048 GY	0.46
630			-48.8667 GY	0.64
630			-62.8286 GY	0.82
630			-76.7905 GY	1.00
630			-90.7524 GY	1.18
630			-104.7143 GY	1.36
630	-616.2496 GY	1.45	2.75	
630			-104.7142 GY	2.84
630			-90.7523 GY	3.02
630			-76.7904 GY	3.20
630			-62.8285 GY	3.38
630			-48.8666 GY	3.56
630			-34.9047 GY	3.74
630			-20.9428 GY	3.92
630			-6.9809 GY	4.08
641			-6.9810 GY	0.12
641			-20.9429 GY	0.28
641			-34.9048 GY	0.46
641			-48.8667 GY	0.64
641			-62.8286 GY	0.82
641			-76.7906 GY	1.00
641			-90.7525 GY	1.18
641			-104.7144 GY	1.36
641			-104.7143 GY	1.54
641			-90.7523 GY	1.72
641			-76.7905 GY	1.90
641			-62.8286 GY	2.08
641			-48.8667 GY	2.26
641			-34.9048 GY	2.44
641			-20.9429 GY	2.62
641			-6.9810 GY	2.78
625			-6.9810 GY	0.12
625			-20.9429 GY	0.28
625			-34.9048 GY	0.46
625			-48.8667 GY	0.64
625			-62.8287 GY	0.82
625			-76.7906 GY	1.00
625			-90.7525 GY	1.18
625			-104.7144 GY	1.36
625	-616.2503 GY	1.45	1.85	
625			-104.7144 GY	1.94
625			-90.7525 GY	2.12
625			-76.7906 GY	2.30
625			-62.8287 GY	2.48
625			-48.8667 GY	2.66
625			-34.9048 GY	2.84
625			-20.9429 GY	3.02
625			-6.9810 GY	3.18
651			-6.9810 GY	0.12
651			-20.9429 GY	0.28
651			-34.9048 GY	0.46
651			-48.8667 GY	0.64
651			-62.8287 GY	0.82
651			-76.7906 GY	1.00
651			-90.7525 GY	1.18

```
651                          -104.7144 GY   1.36
651                          -104.7143 GY   1.54
651                           -90.7524 GY   1.72
651                           -76.7905 GY   1.90
651                           -62.8286 GY   2.08
651                           -48.8667 GY   2.26
651                           -34.9048 GY   2.44
651                           -20.9429 GY   2.62
651                            -6.9810 GY   2.78
631                            -6.9810 GY   0.12
631                           -20.9429 GY   0.28
631                           -34.9048 GY   0.46
631                           -48.8667 GY   0.64
631                           -62.8286 GY   0.82
631                           -76.7905 GY   1.00
631                           -90.7524 GY   1.18
631                          -104.7143 GY   1.36
631  -616.2496 GY   1.45    1.85
631                          -104.7143 GY   1.94
631                           -90.7524 GY   2.12
631                           -76.7905 GY   2.30
631                           -62.8286 GY   2.48
631                           -48.8667 GY   2.66
631                           -34.9048 GY   2.84
631                           -20.9429 GY   3.02
631                            -6.9810 GY   3.18
650                            -6.9810 GY   0.12
650                           -20.9429 GY   0.28
650                           -34.9048 GY   0.46
650                           -48.8667 GY   0.64
650                           -62.8287 GY   0.82
650                           -76.7906 GY   1.00
650                           -90.7525 GY   1.18
650                          -104.7144 GY   1.36
650                          -104.7143 GY   1.54
650                           -90.7524 GY   1.72
650                           -76.7905 GY   1.90
650                           -62.8286 GY   2.08
650                           -48.8667 GY   2.26
650                           -34.9048 GY   2.44
650                           -20.9429 GY   2.62
650                            -6.9810 GY   2.78
656                            -6.9810 GY   0.12
656                           -20.9429 GY   0.28
656                           -34.9048 GY   0.46
656                           -48.8667 GY   0.64
656                           -62.8286 GY   0.82
656                           -76.7906 GY   1.00
656                           -90.7525 GY   1.18
656                          -104.7144 GY   1.36
656                          -104.7143 GY   1.54
656                           -90.7523 GY   1.72
656                           -76.7905 GY   1.90
656                           -62.8286 GY   2.08
656                           -48.8667 GY   2.26
656                           -34.9048 GY   2.44
```

656			-20.9429	GY	2.62
656			-6.9810	GY	2.78
632			-6.9809	GY	0.12
632			-20.9428	GY	0.28
632			-34.9047	GY	0.46
632			-48.8666	GY	0.64
632			-62.8285	GY	0.82
632			-76.7904	GY	1.00
632			-90.7523	GY	1.18
632			-104.7142	GY	1.36
632	-616.2496	GY 1.45	2.25		
632			-104.7143	GY	2.34
632			-90.7524	GY	2.52
632			-76.7905	GY	2.70
632			-62.8286	GY	2.88
632			-48.8667	GY	3.06
632			-34.9048	GY	3.24
632			-20.9429	GY	3.42
632			-6.9810	GY	3.58
651			-6.9810	GY	0.12
651			-20.9429	GY	0.28
651			-34.9048	GY	0.46
651			-48.8667	GY	0.64
651			-62.8286	GY	0.82
651			-76.7905	GY	1.00
651			-90.7524	GY	1.18
651			-104.7144	GY	1.36
651			-104.7142	GY	1.54
651			-90.7523	GY	1.72
651			-76.7904	GY	1.90
651			-62.8285	GY	2.08
651			-48.8666	GY	2.26
651			-34.9047	GY	2.44
651			-20.9428	GY	2.62
651			-6.9809	GY	2.78
627			-97.6173	GY	0.09
627			-84.6016	GY	0.26
627			-71.5860	GY	0.43
627			-58.5704	GY	0.61
627			-45.5547	GY	0.78
627			-32.5391	GY	0.96
627			-19.5235	GY	1.13
627			-6.5078	GY	1.28
626			-6.9810	GY	0.12
626			-20.9429	GY	0.28
626			-34.9048	GY	0.46
626			-48.8667	GY	0.64
626			-62.8286	GY	0.82
626			-76.7905	GY	1.00
626			-90.7524	GY	1.18
626			-104.7144	GY	1.36
626	-616.2503	GY 1.45	2.25		
626			-3.8433	GY	2.25
626			-3.8267	GY	2.26
626			-3.8101	GY	2.27
626			-3.7935	GY	2.27

```
626                          -3.7769 GY   2.28
626                          -3.7603 GY   2.28
626                          -3.7437 GY   2.29
626                          -3.7271 GY   2.30
628                          -1.1953 GY   0.05
628                          -3.5859 GY   0.12
628                          -5.9766 GY   0.19
628                          -8.3672 GY   0.26
628                         -10.7578 GY   0.34
628                         -13.1484 GY   0.41
628                         -15.5390 GY   0.49
628                         -17.9297 GY   0.56
628                         -17.9296 GY   0.64
628                         -15.5390 GY   0.71
628                         -13.1484 GY   0.79
628                         -10.7578 GY   0.86
628                          -8.3672 GY   0.94
628                          -5.9765 GY   1.01
628                          -3.5859 GY   1.08
628                          -1.1953 GY   1.15
663                          -1.1953 GY   0.05
663                          -3.5859 GY   0.12
663                          -5.9765 GY   0.19
663                          -8.3672 GY   0.26
663                         -10.7578 GY   0.34
663                         -13.1484 GY   0.41
663                         -15.5390 GY   0.49
663                         -17.9296 GY   0.56
663  -254.9998 GY   0.60    2.30
663                         -17.9297 GY   2.34
663                         -15.5391 GY   2.41
663                         -13.1484 GY   2.49
663                         -10.7578 GY   2.56
663                          -8.3672 GY   2.64
663                          -5.9766 GY   2.71
663                          -3.5859 GY   2.78
663                          -1.1953 GY   2.85
633                          -1.1953 GY   0.05
633                          -3.5859 GY   0.12
633                          -5.9766 GY   0.19
633                          -8.3672 GY   0.26
633                         -10.7578 GY   0.34
633                         -13.1485 GY   0.41
633                         -15.5391 GY   0.49
633                         -17.9297 GY   0.56
633                         -17.9297 GY   0.64
633                         -15.5391 GY   0.71
633                         -13.1484 GY   0.79
633                         -10.7578 GY   0.86
633                          -8.3672 GY   0.94
633                          -5.9766 GY   1.01
633                          -3.5859 GY   1.08
633                          -1.1953 GY   1.15
656                          -1.1953 GY   0.05
656                          -3.5859 GY   0.12
656                          -5.9766 GY   0.19
```

```
656                          -8.3672 GY   0.26
656                         -10.7578 GY   0.34
656                         -13.1484 GY   0.41
656                         -15.5390 GY   0.49
656                         -17.9297 GY   0.56
656  -255.0002 GY   0.60    2.30
656                         -17.9297 GY   2.34
656                         -15.5391 GY   2.41
656                         -13.1485 GY   2.49
656                         -10.7578 GY   2.56
656                          -8.3672 GY   2.64
656                          -5.9766 GY   2.71
656                          -3.5859 GY   2.78
656                          -1.1953 GY   2.85
629                          -6.9810 GY   0.12
629                         -20.9429 GY   0.28
629                         -34.9048 GY   0.46
629                         -48.8667 GY   0.64
629                         -62.8286 GY   0.82
629                         -76.7906 GY   1.00
629                         -90.7525 GY   1.18
629                        -104.7144 GY   1.36
629  -616.2503 GY   1.45    1.85
629                        -104.7144 GY   1.94
629                         -90.7525 GY   2.12
629                         -76.7906 GY   2.30
629                         -62.8286 GY   2.48
629                         -48.8667 GY   2.66
629                         -34.9048 GY   2.84
629                         -20.9429 GY   3.02
629                          -6.9810 GY   3.18
670                          -6.9810 GY   0.12
670                         -20.9429 GY   0.28
670                         -34.9048 GY   0.46
670                         -48.8667 GY   0.64
670                         -62.8286 GY   0.82
670                         -76.7906 GY   1.00
670                         -90.7525 GY   1.18
670                        -104.7144 GY   1.36
670                        -104.7143 GY   1.54
670                         -90.7523 GY   1.72
670                         -76.7905 GY   1.90
670                         -62.8286 GY   2.08
670                         -48.8667 GY   2.26
670                         -34.9048 GY   2.44
670                         -20.9429 GY   2.62
670                          -6.9810 GY   2.78
634                          -6.9809 GY   0.12
634                         -20.9429 GY   0.28
634                         -34.9048 GY   0.46
634                         -48.8666 GY   0.64
634                         -62.8285 GY   0.82
634                         -76.7905 GY   1.00
634                         -90.7523 GY   1.18
634                        -104.7142 GY   1.36
634  -616.2496 GY   1.45    1.85
```

634		-104.7143	GY	1.94			
634		-90.7524	GY	2.12			
634		-76.7905	GY	2.30			
634		-62.8286	GY	2.48			
634		-48.8667	GY	2.66			
634		-34.9048	GY	2.84			
634		-20.9429	GY	3.02			
634		-6.9810	GY	3.18			
663		-6.9810	GY	0.12			
663		-20.9429	GY	0.28			
663		-34.9048	GY	0.46			
663		-48.8667	GY	0.64			
663		-62.8286	GY	0.82			
663		-76.7906	GY	1.00			
663		-90.7525	GY	1.18			
663		-104.7144	GY	1.36			
663		-104.7143	GY	1.54			
663		-90.7523	GY	1.72			
663		-76.7905	GY	1.90			
663		-62.8286	GY	2.08			
663		-48.8667	GY	2.26			
663		-34.9048	GY	2.44			
663		-20.9429	GY	2.62			
663		-6.9810	GY	2.78			

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON		L	LIN1	LIN2
701				-13.2935	GY	0.14		
701				-39.8804	GY	0.32		
701				-66.4673	GY	0.52		
701				-93.0542	GY	0.73		
701				-119.6411	GY	0.93		
701				-146.2280	GY	1.14		
701				-172.8150	GY	1.34		
701				-199.4019	GY	1.55		
701				-199.4019	GY	1.75		
701				-172.8150	GY	1.96		
701				-146.2280	GY	2.16		
701				-119.6411	GY	2.37		
701				-93.0542	GY	2.57		
701				-66.4673	GY	2.78		
701				-39.8804	GY	2.98		
701				-13.2935	GY	3.16		
764				-13.2935	GY	0.14		
764				-39.8804	GY	0.32		
764				-66.4673	GY	0.52		
764				-93.0542	GY	0.73		
764				-119.6411	GY	0.93		
764				-146.2280	GY	1.14		
764				-172.8150	GY	1.34		
764				-199.4019	GY	1.55		
764				-199.4019	GY	1.75		
764				-172.8150	GY	1.96		

764	-146.2280	GY	2.16
764	-119.6411	GY	2.37
764	-93.0542	GY	2.57
764	-66.4673	GY	2.78
764	-39.8804	GY	2.98
764	-13.2935	GY	3.16
708	-13.2935	GY	0.14
708	-39.8804	GY	0.32
708	-66.4673	GY	0.52
708	-93.0542	GY	0.73
708	-119.6411	GY	0.93
708	-146.2280	GY	1.14
708	-172.8150	GY	1.34
708	-199.4019	GY	1.55
708	-199.4019	GY	1.75
708	-172.8150	GY	1.96
708	-146.2280	GY	2.16
708	-119.6411	GY	2.37
708	-93.0542	GY	2.57
708	-66.4673	GY	2.78
708	-39.8804	GY	2.98
708	-13.2935	GY	3.16
753	-13.2935	GY	0.14
753	-39.8804	GY	0.32
753	-66.4673	GY	0.52
753	-93.0542	GY	0.73
753	-119.6411	GY	0.93
753	-146.2280	GY	1.14
753	-172.8150	GY	1.34
753	-199.4019	GY	1.55
753	-199.4019	GY	1.75
753	-172.8150	GY	1.96
753	-146.2280	GY	2.16
753	-119.6411	GY	2.37
753	-93.0542	GY	2.57
753	-66.4673	GY	2.78
753	-39.8804	GY	2.98
753	-13.2935	GY	3.16
702	-3.9551	GY	0.08
702	-11.8652	GY	0.18
702	-19.7754	GY	0.29
702	-27.6855	GY	0.40
702	-35.5957	GY	0.51
702	-43.5059	GY	0.62
702	-51.4160	GY	0.73
702	-59.3262	GY	0.85
703	-47.7661	GY	0.04
703	-51.8921	GY	0.12
703	-56.0181	GY	0.20
703	-60.1440	GY	0.28
703	-64.2700	GY	0.37
703	-68.3960	GY	0.45
703	-72.5220	GY	0.53
703	-76.6480	GY	0.61
703	-175.9643	GY	0.74
703	-152.5024	GY	0.94

703			-129.0405 GY	1.13
703			-105.5786 GY	1.32
703			-82.1167 GY	1.52
703			-58.6548 GY	1.71
703			-35.1929 GY	1.90
703			-11.7310 GY	2.07
773			-11.7310 GY	0.13
773			-35.1929 GY	0.30
773			-58.6548 GY	0.49
773			-82.1167 GY	0.68
773			-105.5786 GY	0.88
773			-129.0405 GY	1.07
773			-152.5024 GY	1.26
773			-175.9643 GY	1.46
773	-968.7498 GY	1.55	1.75	
773			-175.9643 GY	1.84
773			-152.5024 GY	2.04
773			-129.0405 GY	2.23
773			-105.5786 GY	2.42
773			-82.1167 GY	2.62
773			-58.6548 GY	2.81
773			-35.1929 GY	3.00
773			-11.7310 GY	3.17
709			-11.7310 GY	0.13
709			-35.1929 GY	0.30
709			-58.6548 GY	0.49
709			-82.1167 GY	0.68
709			-105.5786 GY	0.88
709			-129.0406 GY	1.07
709			-152.5025 GY	1.26
709			-175.9644 GY	1.46
709			-175.9643 GY	1.64
709			-152.5024 GY	1.84
709			-129.0405 GY	2.03
709			-105.5786 GY	2.22
709			-82.1167 GY	2.42
709			-58.6548 GY	2.61
709			-35.1929 GY	2.80
709			-11.7310 GY	2.97
764			-11.7310 GY	0.13
764			-35.1929 GY	0.30
764			-58.6548 GY	0.49
764			-82.1167 GY	0.68
764			-105.5786 GY	0.88
764			-129.0405 GY	1.07
764			-152.5024 GY	1.26
764			-175.9643 GY	1.46
764	-968.7501 GY	1.55	1.75	
764			-175.9644 GY	1.84
764			-152.5025 GY	2.04
764			-129.0406 GY	2.23
764			-105.5786 GY	2.42
764			-82.1167 GY	2.62
764			-58.6548 GY	2.81
764			-35.1929 GY	3.00
764			-11.7310 GY	3.17

```
704                          -10.2661 GY   0.12
704                          -30.7983 GY   0.28
704                          -51.3305 GY   0.46
704                          -71.8628 GY   0.64
704                          -92.3950 GY   0.82
704                         -112.9272 GY   1.00
704                         -133.4594 GY   1.18
704                         -153.9916 GY   1.36
704                         -153.9917 GY   1.54
704                         -133.4595 GY   1.72
704                         -112.9272 GY   1.90
704                          -92.3950 GY   2.08
704                          -71.8628 GY   2.26
704                          -51.3306 GY   2.44
704                          -30.7983 GY   2.62
704                          -10.2661 GY   2.78
779                          -10.2661 GY   0.12
779                          -30.7983 GY   0.28
779                          -51.3305 GY   0.46
779                          -71.8628 GY   0.64
779                          -92.3950 GY   0.82
779                         -112.9272 GY   1.00
779                         -133.4594 GY   1.18
779                         -153.9916 GY   1.36
779  -906.2499 GY   1.45    1.85
779                          -153.9916 GY   1.94
779                          -133.4594 GY   2.12
779                          -112.9272 GY   2.30
779                           -92.3950 GY   2.48
779                           -71.8627 GY   2.66
779                           -51.3305 GY   2.84
779                           -30.7983 GY   3.02
779                           -10.2661 GY   3.18
710                           -10.2661 GY   0.12
710                           -30.7983 GY   0.28
710                           -51.3305 GY   0.46
710                           -71.8628 GY   0.64
710                           -92.3950 GY   0.82
710                          -112.9272 GY   1.00
710                          -133.4594 GY   1.18
710                          -153.9916 GY   1.36
710                          -153.9916 GY   1.54
710                          -133.4594 GY   1.72
710                          -112.9272 GY   1.90
710                           -92.3950 GY   2.08
710                           -71.8627 GY   2.26
710                           -51.3305 GY   2.44
710                           -30.7983 GY   2.62
710                           -10.2661 GY   2.78
773                           -10.2661 GY   0.12
773                           -30.7983 GY   0.28
773                           -51.3305 GY   0.46
773                           -71.8627 GY   0.64
773                           -92.3950 GY   0.82
773                          -112.9272 GY   1.00
773                          -133.4594 GY   1.18
```

```
773                          -153.9916 GY   1.36
773  -906.2496 GY   1.45    1.85
773                          -153.9916 GY   1.94
773                          -133.4594 GY   2.12
773                          -112.9271 GY   2.30
773                           -92.3949 GY   2.48
773                           -71.8627 GY   2.66
773                           -51.3305 GY   2.84
773                           -30.7983 GY   3.02
773                           -10.2661 GY   3.18
705                           -11.7310 GY   0.13
705                           -35.1929 GY   0.30
705                           -58.6548 GY   0.49
705                           -82.1167 GY   0.68
705                          -105.5786 GY   0.88
705                          -129.0405 GY   1.07
705                          -152.5025 GY   1.26
705                          -175.9644 GY   1.46
705                           -76.6480 GY   1.59
705                           -72.5220 GY   1.67
705                           -68.3960 GY   1.75
705                           -64.2701 GY   1.83
705                           -60.1441 GY   1.92
705                           -56.0181 GY   2.00
705                           -51.8921 GY   2.08
705                           -47.7661 GY   2.16
706                           -59.3261 GY   0.05
706                           -51.4160 GY   0.17
706                           -43.5058 GY   0.28
706                           -35.5957 GY   0.39
706                           -27.6855 GY   0.50
706                           -19.7754 GY   0.61
706                           -11.8652 GY   0.72
706                            -3.9551 GY   0.82
786                           -11.7310 GY   0.13
786                           -35.1929 GY   0.30
786                           -58.6548 GY   0.49
786                           -82.1167 GY   0.68
786                          -105.5786 GY   0.88
786                          -129.0406 GY   1.07
786                          -152.5025 GY   1.26
786                          -175.9644 GY   1.46
786  -968.7501 GY   1.55    1.75
786                          -175.9644 GY   1.84
786                          -152.5025 GY   2.04
786                          -129.0406 GY   2.23
786                          -105.5786 GY   2.42
786                           -82.1167 GY   2.62
786                           -58.6548 GY   2.81
786                           -35.1929 GY   3.00
786                           -11.7310 GY   3.17
711                           -11.7310 GY   0.13
711                           -35.1929 GY   0.30
711                           -58.6548 GY   0.49
711                           -82.1167 GY   0.68
711                          -105.5786 GY   0.88
```

711			-129.0405	GY	1.07
711			-152.5025	GY	1.26
711			-175.9644	GY	1.46
711			-175.9644	GY	1.64
711			-152.5025	GY	1.84
711			-129.0405	GY	2.03
711			-105.5786	GY	2.22
711			-82.1167	GY	2.42
711			-58.6548	GY	2.61
711			-35.1929	GY	2.80
711			-11.7310	GY	2.97
779			-11.7310	GY	0.13
779			-35.1929	GY	0.30
779			-58.6548	GY	0.49
779			-82.1167	GY	0.68
779			-105.5786	GY	0.88
779			-129.0406	GY	1.07
779			-152.5025	GY	1.26
779			-175.9644	GY	1.46
779	-968.7501	GY	1.55	1.75	
779			-175.9644	GY	1.84
779			-152.5025	GY	2.04
779			-129.0406	GY	2.23
779			-105.5786	GY	2.42
779			-82.1167	GY	2.62
779			-58.6548	GY	2.81
779			-35.1929	GY	3.00
779			-11.7310	GY	3.17
707			-13.2935	GY	0.14
707			-39.8804	GY	0.32
707			-66.4673	GY	0.52
707			-93.0542	GY	0.73
707			-119.6411	GY	0.93
707			-146.2280	GY	1.14
707			-172.8149	GY	1.34
707			-199.4018	GY	1.55
707			-199.4019	GY	1.75
707			-172.8150	GY	1.96
707			-146.2281	GY	2.16
707			-119.6412	GY	2.37
707			-93.0542	GY	2.57
707			-66.4673	GY	2.78
707			-39.8804	GY	2.98
707			-13.2935	GY	3.16
792			-13.2935	GY	0.14
792			-39.8804	GY	0.32
792			-66.4673	GY	0.52
792			-93.0542	GY	0.73
792			-119.6412	GY	0.93
792			-146.2281	GY	1.14
792			-172.8150	GY	1.34
792			-199.4019	GY	1.55
792			-199.4019	GY	1.75
792			-172.8150	GY	1.96
792			-146.2281	GY	2.16
792			-119.6412	GY	2.37

792			-93.0542	GY	2.57
792			-66.4673	GY	2.78
792			-39.8804	GY	2.98
792			-13.2935	GY	3.16
712			-13.2935	GY	0.14
712			-39.8804	GY	0.32
712			-66.4673	GY	0.52
712			-93.0542	GY	0.73
712			-119.6411	GY	0.93
712			-146.2280	GY	1.14
712			-172.8149	GY	1.34
712			-199.4018	GY	1.55
712			-199.4019	GY	1.75
712			-172.8150	GY	1.96
712			-146.2281	GY	2.16
712			-119.6412	GY	2.37
712			-93.0542	GY	2.57
712			-66.4673	GY	2.78
712			-39.8804	GY	2.98
712			-13.2935	GY	3.16
786			-13.2935	GY	0.14
786			-39.8804	GY	0.32
786			-66.4673	GY	0.52
786			-93.0542	GY	0.73
786			-119.6411	GY	0.93
786			-146.2280	GY	1.14
786			-172.8149	GY	1.34
786			-199.4018	GY	1.55
786			-199.4018	GY	1.75
786			-172.8149	GY	1.96
786			-146.2280	GY	2.16
786			-119.6411	GY	2.37
786			-93.0542	GY	2.57
786			-66.4673	GY	2.78
786			-39.8804	GY	2.98
786			-13.2935	GY	3.16
708			-12.5000	GY	0.13
708			-37.5000	GY	0.31
708			-62.5000	GY	0.51
708			-87.5000	GY	0.70
708			-112.5000	GY	0.90
708			-137.5000	GY	1.10
708			-162.5000	GY	1.30
708			-187.5000	GY	1.50
708	-1000.0000	GY	1.60	1.70	
708			-187.5000	GY	1.80
708			-162.5000	GY	2.00
708			-137.5000	GY	2.20
708			-112.5000	GY	2.40
708			-87.5000	GY	2.60
708			-62.5000	GY	2.79
708			-37.5000	GY	2.99
708			-12.5000	GY	3.17
765			-12.5000	GY	0.13
765			-37.5000	GY	0.31
765			-62.5000	GY	0.51

```
765                          -87.5000 GY   0.70
765                         -112.5000 GY   0.90
765                         -137.5000 GY   1.10
765                         -162.5000 GY   1.30
765                         -187.5000 GY   1.50
765                         -187.5000 GY   1.70
765                         -162.5000 GY   1.90
765                         -137.5000 GY   2.10
765                         -112.5000 GY   2.30
765                          -87.5000 GY   2.50
765                          -62.5000 GY   2.69
765                          -37.5000 GY   2.89
765                          -12.5000 GY   3.07
713                          -12.5000 GY   0.13
713                          -37.5000 GY   0.31
713                          -62.5000 GY   0.51
713                          -87.5000 GY   0.70
713                         -112.5000 GY   0.90
713                         -137.5000 GY   1.10
713                         -162.5000 GY   1.30
713                         -187.5000 GY   1.50
713 -1000.0000 GY   1.60    1.70
713                         -187.5000 GY   1.80
713                         -162.5000 GY   2.00
713                         -137.5000 GY   2.20
713                         -112.5000 GY   2.40
713                          -87.5000 GY   2.60
713                          -62.5000 GY   2.79
713                          -37.5000 GY   2.99
713                          -12.5000 GY   3.17
755                          -11.7676 GY   0.01
755                          -11.8652 GY   0.02
755                          -11.9629 GY   0.03
755                          -12.0605 GY   0.04
755                          -12.1582 GY   0.06
755                          -12.2558 GY   0.07
755                          -12.3535 GY   0.08
755                          -12.4512 GY   0.09
755                         -187.5000 GY   0.20
755                         -162.5000 GY   0.40
755                         -137.5000 GY   0.60
755                         -112.5000 GY   0.80
755                          -87.5000 GY   1.00
755                          -62.5000 GY   1.19
755                          -37.5000 GY   1.39
755                          -12.5000 GY   1.57
754                          -10.9863 GY   0.12
754                          -32.9590 GY   0.29
754                          -54.9316 GY   0.47
754                          -76.9043 GY   0.66
754                          -98.8769 GY   0.85
754                         -120.8496 GY   1.03
754                         -142.8223 GY   1.22
754                         -164.7949 GY   1.41
709                          -11.7310 GY   0.13
709                          -35.1929 GY   0.30
```

709			-58.6548 GY	0.49
709			-82.1167 GY	0.68
709			-105.5786 GY	0.88
709			-129.0406 GY	1.07
709			-152.5025 GY	1.26
709			-175.9644 GY	1.46
709			-175.9643 GY	1.64
709			-152.5024 GY	1.84
709			-129.0405 GY	2.03
709			-105.5786 GY	2.22
709			-82.1167 GY	2.42
709			-58.6548 GY	2.61
709			-35.1929 GY	2.80
709			-11.7310 GY	2.97
774			-11.7310 GY	0.13
774			-35.1929 GY	0.30
774			-58.6548 GY	0.49
774			-82.1167 GY	0.68
774			-105.5786 GY	0.88
774			-129.0405 GY	1.07
774			-152.5024 GY	1.26
774			-175.9644 GY	1.46
774	-968.7498 GY	1.55	1.65	
774			-175.9643 GY	1.74
774			-152.5024 GY	1.94
774			-129.0405 GY	2.13
774			-105.5786 GY	2.32
774			-82.1167 GY	2.52
774			-58.6548 GY	2.71
774			-35.1929 GY	2.90
774			-11.7310 GY	3.07
714			-11.7310 GY	0.13
714			-35.1929 GY	0.30
714			-58.6548 GY	0.49
714			-82.1167 GY	0.68
714			-105.5786 GY	0.88
714			-129.0406 GY	1.07
714			-152.5025 GY	1.26
714			-175.9644 GY	1.46
714			-175.9643 GY	1.64
714			-152.5024 GY	1.84
714			-129.0405 GY	2.03
714			-105.5786 GY	2.22
714			-82.1167 GY	2.42
714			-58.6548 GY	2.61
714			-35.1929 GY	2.80
714			-11.7310 GY	2.97
765			-11.7310 GY	0.13
765			-35.1929 GY	0.30
765			-58.6548 GY	0.49
765			-82.1167 GY	0.68
765			-105.5787 GY	0.88
765			-129.0406 GY	1.07
765			-152.5025 GY	1.26
765			-175.9644 GY	1.46
765	-968.7501 GY	1.55	1.65	

765			-175.9644	GY	1.74
765			-152.5025	GY	1.94
765			-129.0406	GY	2.13
765			-105.5786	GY	2.32
765			-82.1167	GY	2.52
765			-58.6548	GY	2.71
765			-35.1929	GY	2.90
765			-11.7310	GY	3.07
710			-10.2661	GY	0.12
710			-30.7983	GY	0.28
710			-51.3305	GY	0.46
710			-71.8628	GY	0.64
710			-92.3950	GY	0.82
710			-112.9272	GY	1.00
710			-133.4594	GY	1.18
710			-153.9916	GY	1.36
710			-153.9917	GY	1.54
710			-133.4595	GY	1.72
710			-112.9272	GY	1.90
710			-92.3950	GY	2.08
710			-71.8628	GY	2.26
710			-51.3306	GY	2.44
710			-30.7983	GY	2.62
710			-10.2661	GY	2.78
780			-10.2661	GY	0.12
780			-30.7983	GY	0.28
780			-51.3306	GY	0.46
780			-71.8628	GY	0.64
780			-92.3950	GY	0.82
780			-112.9272	GY	1.00
780			-133.4594	GY	1.18
780			-153.9917	GY	1.36
780	-906.2499	GY 1.45	1.75		
780			-153.9917	GY	1.84
780			-133.4594	GY	2.02
780			-112.9272	GY	2.20
780			-92.3950	GY	2.38
780			-71.8628	GY	2.56
780			-51.3306	GY	2.74
780			-30.7983	GY	2.92
780			-10.2661	GY	3.08
715			-10.2661	GY	0.12
715			-30.7983	GY	0.28
715			-51.3305	GY	0.46
715			-71.8628	GY	0.64
715			-92.3950	GY	0.82
715			-112.9272	GY	1.00
715			-133.4594	GY	1.18
715			-153.9916	GY	1.36
715			-153.9917	GY	1.54
715			-133.4595	GY	1.72
715			-112.9272	GY	1.90
715			-92.3950	GY	2.08
715			-71.8628	GY	2.26
715			-51.3306	GY	2.44
715			-30.7983	GY	2.62

715			-10.2661 GY	2.78
774			-10.2661 GY	0.12
774			-30.7983 GY	0.28
774			-51.3305 GY	0.46
774			-71.8628 GY	0.64
774			-92.3950 GY	0.82
774			-112.9272 GY	1.00
774			-133.4594 GY	1.18
774			-153.9916 GY	1.36
774	-906.2496 GY	1.45	1.75	
774			-153.9916 GY	1.84
774			-133.4594 GY	2.02
774			-112.9272 GY	2.20
774			-92.3950 GY	2.38
774			-71.8627 GY	2.56
774			-51.3305 GY	2.74
774			-30.7983 GY	2.92
774			-10.2661 GY	3.08
711			-11.7310 GY	0.13
711			-35.1929 GY	0.30
711			-58.6548 GY	0.49
711			-82.1167 GY	0.68
711			-105.5786 GY	0.88
711			-129.0405 GY	1.07
711			-152.5025 GY	1.26
711			-175.9644 GY	1.46
711			-175.9644 GY	1.64
711			-152.5025 GY	1.84
711			-129.0405 GY	2.03
711			-105.5786 GY	2.22
711			-82.1167 GY	2.42
711			-58.6548 GY	2.61
711			-35.1929 GY	2.80
711			-11.7310 GY	2.97
787			-11.7310 GY	0.13
787			-35.1929 GY	0.30
787			-58.6548 GY	0.49
787			-82.1167 GY	0.68
787			-105.5787 GY	0.88
787			-129.0406 GY	1.07
787			-152.5025 GY	1.26
787			-175.9644 GY	1.46
787	-968.7501 GY	1.55	1.65	
787			-175.9644 GY	1.74
787			-152.5025 GY	1.94
787			-129.0406 GY	2.13
787			-105.5786 GY	2.32
787			-82.1167 GY	2.52
787			-58.6548 GY	2.71
787			-35.1929 GY	2.90
787			-11.7310 GY	3.07
716			-11.7310 GY	0.13
716			-35.1929 GY	0.30
716			-58.6548 GY	0.49
716			-82.1167 GY	0.68
716			-105.5786 GY	0.88

716			-129.0405 GY	1.07
716			-152.5025 GY	1.26
716			-175.9644 GY	1.46
716			-175.9644 GY	1.64
716			-152.5025 GY	1.84
716			-129.0405 GY	2.03
716			-105.5786 GY	2.22
716			-82.1167 GY	2.42
716			-58.6548 GY	2.61
716			-35.1929 GY	2.80
716			-11.7310 GY	2.97
780			-11.7310 GY	0.13
780			-35.1929 GY	0.30
780			-58.6548 GY	0.49
780			-82.1167 GY	0.68
780			-105.5787 GY	0.88
780			-129.0406 GY	1.07
780			-152.5025 GY	1.26
780			-175.9644 GY	1.46
780	-968.7501 GY	1.55	1.65	
780			-175.9644 GY	1.74
780			-152.5025 GY	1.94
780			-129.0406 GY	2.13
780			-105.5786 GY	2.32
780			-82.1167 GY	2.52
780			-58.6548 GY	2.71
780			-35.1929 GY	2.90
780			-11.7310 GY	3.07
712			-12.5000 GY	0.13
712			-37.5000 GY	0.31
712			-62.5000 GY	0.51
712			-87.5000 GY	0.70
712			-112.5000 GY	0.90
712			-137.5000 GY	1.10
712			-162.5000 GY	1.30
712			-187.5000 GY	1.50
712	-999.9996 GY	1.60	1.70	
712			-187.4999 GY	1.80
712			-162.4999 GY	2.00
712			-137.4999 GY	2.20
712			-112.4999 GY	2.40
712			-87.4999 GY	2.60
712			-62.5000 GY	2.79
712			-37.5000 GY	2.99
712			-12.5000 GY	3.17
793			-10.9863 GY	0.12
793			-32.9590 GY	0.29
793			-54.9316 GY	0.47
793			-76.9042 GY	0.66
793			-98.8769 GY	0.85
793			-120.8495 GY	1.03
793			-142.8222 GY	1.22
793			-164.7948 GY	1.41
794			-11.7676 GY	0.01
794			-11.8653 GY	0.02
794			-11.9629 GY	0.03

```
794                          -12.0606 GY   0.04
794                          -12.1582 GY   0.06
794                          -12.2559 GY   0.07
794                          -12.3536 GY   0.08
794                          -12.4512 GY   0.09
794                         -187.4999 GY   0.20
794                         -162.4999 GY   0.40
794                         -137.4999 GY   0.60
794                         -112.4999 GY   0.80
794                          -87.4999 GY   1.00
794                          -62.5000 GY   1.19
794                          -37.5000 GY   1.39
794                          -12.5000 GY   1.57
717                          -12.5000 GY   0.13
717                          -37.5000 GY   0.31
717                          -62.5000 GY   0.51
717                          -87.5000 GY   0.70
717                         -112.5001 GY   0.90
717                         -137.5001 GY   1.10
717                         -162.5001 GY   1.30
717                         -187.5001 GY   1.50
717 -1000.0002 GY   1.60    1.70
717                         -187.5000 GY   1.80
717                         -162.5000 GY   2.00
717                         -137.5000 GY   2.20
717                         -112.5000 GY   2.40
717                          -87.5000 GY   2.60
717                          -62.5000 GY   2.79
717                          -37.5000 GY   2.99
717                          -12.5000 GY   3.17
787                          -12.5000 GY   0.13
787                          -37.5000 GY   0.31
787                          -62.5000 GY   0.51
787                          -87.5000 GY   0.70
787                         -112.5000 GY   0.90
787                         -137.5000 GY   1.10
787                         -162.5000 GY   1.30
787                         -187.5000 GY   1.50
787                         -187.5001 GY   1.70
787                         -162.5001 GY   1.90
787                         -137.5001 GY   2.10
787                         -112.5001 GY   2.30
787                          -87.5000 GY   2.50
787                          -62.5000 GY   2.69
787                          -37.5000 GY   2.89
787                          -12.5000 GY   3.07
713                          -11.7310 GY   0.13
713                          -35.1929 GY   0.30
713                          -58.6548 GY   0.49
713                          -82.1167 GY   0.68
713                         -105.5786 GY   0.88
713                         -129.0406 GY   1.07
713                         -152.5025 GY   1.26
713                         -175.9644 GY   1.46
713  -968.7501 GY   1.55    1.75
713                         -175.9644 GY   1.84
```

713			-152.5025	GY	2.04
713			-129.0406	GY	2.23
713			-105.5786	GY	2.42
713			-82.1167	GY	2.62
713			-58.6548	GY	2.81
713			-35.1929	GY	3.00
713			-11.7310	GY	3.17
766			-11.7310	GY	0.13
766			-35.1929	GY	0.30
766			-58.6548	GY	0.49
766			-82.1167	GY	0.68
766			-105.5786	GY	0.88
766			-129.0405	GY	1.07
766			-152.5025	GY	1.26
766			-175.9644	GY	1.46
766			-175.9644	GY	1.64
766			-152.5025	GY	1.84
766			-129.0405	GY	2.03
766			-105.5786	GY	2.22
766			-82.1167	GY	2.42
766			-58.6548	GY	2.61
766			-35.1929	GY	2.80
766			-11.7310	GY	2.97
719			-164.7949	GY	0.09
719			-142.8223	GY	0.28
719			-120.8496	GY	0.47
719			-98.8770	GY	0.65
719			-76.9043	GY	0.84
719			-54.9316	GY	1.03
719			-32.9590	GY	1.21
719			-10.9863	GY	1.38
718			-11.7310	GY	0.13
718			-35.1929	GY	0.30
718			-58.6548	GY	0.49
718			-82.1167	GY	0.68
718			-105.5786	GY	0.88
718			-129.0406	GY	1.07
718			-152.5025	GY	1.26
718			-175.9644	GY	1.46
718	-968.7501	GY	1.55	1.75	
718			-6.0425	GY	1.75
718			-6.0180	GY	1.76
718			-5.9936	GY	1.77
718			-5.9692	GY	1.77
718			-5.9448	GY	1.78
718			-5.9204	GY	1.78
718			-5.8960	GY	1.79
718			-5.8716	GY	1.80
756			-11.7310	GY	0.13
756			-35.1929	GY	0.30
756			-58.6548	GY	0.49
756			-82.1167	GY	0.68
756			-105.5786	GY	0.88
756			-129.0405	GY	1.07
756			-152.5025	GY	1.26
756			-175.9644	GY	1.46

756		-175.9644 GY	1.64
756		-152.5025 GY	1.84
756		-129.0405 GY	2.03
756		-105.5786 GY	2.22
756		-82.1167 GY	2.42
756		-58.6548 GY	2.61
756		-35.1929 GY	2.80
756		-11.7310 GY	2.97
714		-11.7310 GY	0.13
714		-35.1929 GY	0.30
714		-58.6548 GY	0.49
714		-82.1167 GY	0.68
714		-105.5786 GY	0.88
714		-129.0406 GY	1.07
714		-152.5025 GY	1.26
714		-175.9644 GY	1.46
714		-175.9643 GY	1.64
714		-152.5024 GY	1.84
714		-129.0405 GY	2.03
714		-105.5786 GY	2.22
714		-82.1167 GY	2.42
714		-58.6548 GY	2.61
714		-35.1929 GY	2.80
714		-11.7310 GY	2.97
775		-11.7310 GY	0.13
775		-35.1929 GY	0.30
775		-58.6548 GY	0.49
775		-82.1167 GY	0.68
775		-105.5786 GY	0.88
775		-129.0405 GY	1.07
775		-152.5024 GY	1.26
775		-175.9643 GY	1.46
775		-175.9643 GY	1.64
775		-152.5024 GY	1.84
775		-129.0405 GY	2.03
775		-105.5786 GY	2.22
775		-82.1167 GY	2.42
775		-58.6548 GY	2.61
775		-35.1929 GY	2.80
775		-11.7310 GY	2.97
721		-47.7661 GY	0.04
721		-51.8921 GY	0.12
721		-56.0181 GY	0.20
721		-60.1440 GY	0.28
721		-64.2700 GY	0.37
721		-68.3960 GY	0.45
721		-72.5220 GY	0.53
721		-76.6480 GY	0.61
721		-175.9643 GY	0.74
721		-152.5024 GY	0.94
721		-129.0405 GY	1.13
721		-105.5786 GY	1.32
721		-82.1167 GY	1.52
721		-58.6548 GY	1.71
721		-35.1929 GY	1.90
721		-11.7310 GY	2.07

720			-3.9551	GY	0.08
720			-11.8652	GY	0.18
720			-19.7754	GY	0.29
720			-27.6855	GY	0.40
720			-35.5957	GY	0.51
720			-43.5058	GY	0.62
720			-51.4160	GY	0.73
720			-59.3262	GY	0.85
766			-11.7310	GY	0.13
766			-35.1929	GY	0.30
766			-58.6548	GY	0.49
766			-82.1167	GY	0.68
766			-105.5786	GY	0.88
766			-129.0405	GY	1.07
766			-152.5025	GY	1.26
766			-175.9644	GY	1.46
766			-175.9644	GY	1.64
766			-152.5025	GY	1.84
766			-129.0405	GY	2.03
766			-105.5786	GY	2.22
766			-82.1167	GY	2.42
766			-58.6548	GY	2.61
766			-35.1929	GY	2.80
766			-11.7310	GY	2.97
715			-10.2661	GY	0.12
715			-30.7983	GY	0.28
715			-51.3305	GY	0.46
715			-71.8627	GY	0.64
715			-92.3950	GY	0.82
715			-112.9272	GY	1.00
715			-133.4594	GY	1.18
715			-153.9916	GY	1.36
715			-153.9916	GY	1.54
715			-133.4594	GY	1.72
715			-112.9272	GY	1.90
715			-92.3950	GY	2.08
715			-71.8628	GY	2.26
715			-51.3305	GY	2.44
715			-30.7983	GY	2.62
715			-10.2661	GY	2.78
781			-10.2661	GY	0.12
781			-30.7983	GY	0.28
781			-51.3305	GY	0.46
781			-71.8627	GY	0.64
781			-92.3950	GY	0.82
781			-112.9272	GY	1.00
781			-133.4594	GY	1.18
781			-153.9916	GY	1.36
781	-906.2499	GY 1.45	1.65		
781			-153.9916	GY	1.74
781			-133.4594	GY	1.92
781			-112.9272	GY	2.10
781			-92.3950	GY	2.28
781			-71.8628	GY	2.46
781			-51.3305	GY	2.64
781			-30.7983	GY	2.82

781			-10.2661	GY	2.98
722			-10.2661	GY	0.12
722			-30.7983	GY	0.28
722			-51.3305	GY	0.46
722			-71.8628	GY	0.64
722			-92.3950	GY	0.82
722			-112.9272	GY	1.00
722			-133.4594	GY	1.18
722			-153.9916	GY	1.36
722			-153.9917	GY	1.54
722			-133.4595	GY	1.72
722			-112.9272	GY	1.90
722			-92.3950	GY	2.08
722			-71.8628	GY	2.26
722			-51.3306	GY	2.44
722			-30.7983	GY	2.62
722			-10.2661	GY	2.78
775			-10.2661	GY	0.12
775			-30.7983	GY	0.28
775			-51.3305	GY	0.46
775			-71.8627	GY	0.64
775			-92.3949	GY	0.82
775			-112.9271	GY	1.00
775			-133.4593	GY	1.18
775			-153.9915	GY	1.36
775	-906.2496	GY 1.45	1.65		
775			-153.9916	GY	1.74
775			-133.4594	GY	1.92
775			-112.9271	GY	2.10
775			-92.3949	GY	2.28
775			-71.8627	GY	2.46
775			-51.3305	GY	2.64
775			-30.7983	GY	2.82
775			-10.2661	GY	2.98
716			-11.7310	GY	0.13
716			-35.1929	GY	0.30
716			-58.6548	GY	0.49
716			-82.1167	GY	0.68
716			-105.5786	GY	0.88
716			-129.0405	GY	1.07
716			-152.5025	GY	1.26
716			-175.9644	GY	1.46
716			-175.9644	GY	1.64
716			-152.5025	GY	1.84
716			-129.0405	GY	2.03
716			-105.5786	GY	2.22
716			-82.1167	GY	2.42
716			-58.6548	GY	2.61
716			-35.1929	GY	2.80
716			-11.7310	GY	2.97
788			-11.7310	GY	0.13
788			-35.1929	GY	0.30
788			-58.6548	GY	0.49
788			-82.1167	GY	0.68
788			-105.5786	GY	0.88
788			-129.0405	GY	1.07

788	-152.5025	GY	1.26
788	-175.9644	GY	1.46
788	-175.9644	GY	1.64
788	-152.5025	GY	1.84
788	-129.0405	GY	2.03
788	-105.5786	GY	2.22
788	-82.1167	GY	2.42
788	-58.6548	GY	2.61
788	-35.1929	GY	2.80
788	-11.7310	GY	2.97
724	-59.3261	GY	0.05
724	-51.4160	GY	0.17
724	-43.5058	GY	0.28
724	-35.5957	GY	0.39
724	-27.6855	GY	0.50
724	-19.7754	GY	0.61
724	-11.8652	GY	0.72
724	-3.9551	GY	0.82
723	-11.7310	GY	0.13
723	-35.1929	GY	0.30
723	-58.6548	GY	0.49
723	-82.1167	GY	0.68
723	-105.5786	GY	0.88
723	-129.0405	GY	1.07
723	-152.5025	GY	1.26
723	-175.9644	GY	1.46
723	-76.6480	GY	1.59
723	-72.5220	GY	1.67
723	-68.3960	GY	1.75
723	-64.2701	GY	1.83
723	-60.1441	GY	1.92
723	-56.0181	GY	2.00
723	-51.8921	GY	2.08
723	-47.7661	GY	2.16
781	-11.7310	GY	0.13
781	-35.1929	GY	0.30
781	-58.6548	GY	0.49
781	-82.1167	GY	0.68
781	-105.5786	GY	0.88
781	-129.0405	GY	1.07
781	-152.5025	GY	1.26
781	-175.9644	GY	1.46
781	-175.9644	GY	1.64
781	-152.5025	GY	1.84
781	-129.0405	GY	2.03
781	-105.5786	GY	2.22
781	-82.1167	GY	2.42
781	-58.6548	GY	2.61
781	-35.1929	GY	2.80
781	-11.7310	GY	2.97
717	-11.7310	GY	0.13
717	-35.1929	GY	0.30
717	-58.6548	GY	0.49
717	-82.1167	GY	0.68
717	-105.5786	GY	0.88
717	-129.0406	GY	1.07

```
717                          -152.5025 GY   1.26
717                          -175.9644 GY   1.46
717  -968.7501 GY   1.55    1.75
717                          -175.9644 GY   1.84
717                          -152.5025 GY   2.04
717                          -129.0406 GY   2.23
717                          -105.5786 GY   2.42
717                           -82.1167 GY   2.62
717                           -58.6548 GY   2.81
717                           -35.1929 GY   3.00
717                           -11.7310 GY   3.17
795                           -11.7310 GY   0.13
795                           -35.1929 GY   0.30
795                           -58.6548 GY   0.49
795                           -82.1167 GY   0.68
795                          -105.5786 GY   0.88
795                          -129.0405 GY   1.07
795                          -152.5025 GY   1.26
795                          -175.9644 GY   1.46
795                          -175.9644 GY   1.64
795                          -152.5025 GY   1.84
795                          -129.0405 GY   2.03
795                          -105.5786 GY   2.22
795                           -82.1167 GY   2.42
795                           -58.6548 GY   2.61
795                           -35.1929 GY   2.80
795                           -11.7310 GY   2.97
726                           -49.6216 GY   0.05
726                           -55.1147 GY   0.14
726                           -60.6079 GY   0.24
726                           -66.1010 GY   0.33
726                           -71.5942 GY   0.42
726                           -77.0873 GY   0.52
726                           -82.5805 GY   0.61
726                           -88.0736 GY   0.70
726  -968.7501 GY   0.75    0.95
726                          -175.9644 GY   1.04
726                          -152.5025 GY   1.24
726                          -129.0406 GY   1.43
726                          -105.5787 GY   1.62
726                           -82.1167 GY   1.82
726                           -58.6548 GY   2.01
726                           -35.1929 GY   2.20
726                           -11.7310 GY   2.37
725                            -3.1250 GY   0.07
725                            -9.3750 GY   0.16
725                           -15.6250 GY   0.25
725                           -21.8751 GY   0.35
725                           -28.1251 GY   0.45
725                           -34.3751 GY   0.55
725                           -40.6251 GY   0.65
725                           -46.8751 GY   0.75
788                           -11.7310 GY   0.13
788                           -35.1929 GY   0.30
788                           -58.6548 GY   0.49
788                           -82.1167 GY   0.68
```

788		-105.5786	GY	0.88
788		-129.0405	GY	1.07
788		-152.5025	GY	1.26
788		-175.9644	GY	1.46
788		-175.9644	GY	1.64
788		-152.5025	GY	1.84
788		-129.0405	GY	2.03
788		-105.5786	GY	2.22
788		-82.1167	GY	2.42
788		-58.6548	GY	2.61
788		-35.1929	GY	2.80
788		-11.7310	GY	2.97
718		-3.9551	GY	0.08
718		-11.8652	GY	0.17
718		-19.7754	GY	0.28
718		-27.6856	GY	0.40
718		-35.5957	GY	0.51
718		-43.5059	GY	0.62
718		-51.4160	GY	0.73
718		-59.3262	GY	0.84
718		-59.3262	GY	0.95
718		-51.4160	GY	1.07
718		-43.5059	GY	1.18
718		-35.5957	GY	1.29
718		-27.6856	GY	1.40
718		-19.7754	GY	1.51
718		-11.8652	GY	1.62
718		-3.9551	GY	1.72
763		-3.9551	GY	0.08
763		-11.8652	GY	0.18
763		-19.7754	GY	0.29
763		-27.6856	GY	0.40
763		-35.5957	GY	0.51
763		-43.5059	GY	0.62
763		-51.4160	GY	0.73
763		-59.3262	GY	0.85
763	-562.5001 GY 0.90	1.30		
763		-59.3261	GY	1.36
763		-51.4160	GY	1.47
763		-43.5058	GY	1.58
763		-35.5957	GY	1.69
763		-27.6855	GY	1.80
763		-19.7754	GY	1.91
763		-11.8652	GY	2.02
763		-3.9551	GY	2.12
727		-3.9551	GY	0.08
727		-11.8652	GY	0.17
727		-19.7754	GY	0.28
727		-27.6855	GY	0.40
727		-35.5957	GY	0.51
727		-43.5058	GY	0.62
727		-51.4160	GY	0.73
727		-59.3261	GY	0.84
727		-59.3261	GY	0.95
727		-51.4160	GY	1.07
727		-43.5058	GY	1.18

```
727                          -35.5957 GY   1.29
727                          -27.6855 GY   1.40
727                          -19.7754 GY   1.51
727                          -11.8652 GY   1.62
727                           -3.9551 GY   1.72
757                           -3.9551 GY   0.08
757                          -11.8652 GY   0.18
757                          -19.7754 GY   0.29
757                          -27.6856 GY   0.40
757                          -35.5957 GY   0.51
757                          -43.5059 GY   0.62
757                          -51.4160 GY   0.73
757                          -59.3262 GY   0.85
757  -562.5001 GY   0.90    1.30
757                          -59.3261 GY   1.36
757                          -51.4160 GY   1.47
757                          -43.5058 GY   1.58
757                          -35.5957 GY   1.69
757                          -27.6855 GY   1.80
757                          -19.7754 GY   1.91
757                          -11.8652 GY   2.02
757                           -3.9551 GY   2.12
771                           -5.9082 GY   0.09
771                          -17.7246 GY   0.21
771                          -29.5410 GY   0.35
771                          -41.3574 GY   0.48
771                          -53.1738 GY   0.62
771                          -64.9902 GY   0.76
771                          -76.8066 GY   0.90
771                          -88.6231 GY   1.03
771                          -88.6230 GY   1.17
771                          -76.8066 GY   1.30
771                          -64.9902 GY   1.44
771                          -53.1738 GY   1.58
771                          -41.3574 GY   1.72
771                          -29.5410 GY   1.85
771                          -17.7246 GY   1.99
771                           -5.9082 GY   2.11
729                          -59.3262 GY   0.06
729                          -51.4160 GY   0.17
729                          -43.5058 GY   0.28
729                          -35.5957 GY   0.39
729                          -27.6855 GY   0.50
729                          -19.7754 GY   0.62
729                          -11.8652 GY   0.73
729                           -3.9551 GY   0.83
728                           -5.9082 GY   0.09
728                          -17.7246 GY   0.21
728                          -29.5410 GY   0.35
728                          -41.3574 GY   0.48
728                          -53.1738 GY   0.62
728                          -64.9902 GY   0.76
728                          -76.8066 GY   0.90
728                          -88.6230 GY   1.03
728  -687.4996 GY   1.10    1.30
728                          -16.9921 GY   1.31
```

728			-16.6015	GY	1.34
728			-16.2109	GY	1.36
728			-15.8203	GY	1.39
728			-15.4296	GY	1.41
728			-15.0390	GY	1.44
728			-14.6484	GY	1.46
728			-14.2578	GY	1.49
763			-5.9082	GY	0.09
763			-17.7246	GY	0.21
763			-29.5410	GY	0.35
763			-41.3574	GY	0.48
763			-53.1739	GY	0.62
763			-64.9903	GY	0.76
763			-76.8067	GY	0.90
763			-88.6231	GY	1.03
763			-88.6230	GY	1.17
763			-76.8066	GY	1.30
763			-64.9902	GY	1.44
763			-53.1738	GY	1.58
763			-41.3574	GY	1.72
763			-29.5410	GY	1.85
763			-17.7246	GY	1.99
763			-5.9082	GY	2.11
720			-59.3262	GY	0.06
720			-51.4161	GY	0.17
720			-43.5059	GY	0.28
720			-35.5957	GY	0.39
720			-27.6856	GY	0.50
720			-19.7754	GY	0.62
720			-11.8652	GY	0.73
720			-3.9551	GY	0.83
719			-5.9082	GY	0.09
719			-17.7246	GY	0.21
719			-29.5410	GY	0.35
719			-41.3574	GY	0.48
719			-53.1738	GY	0.62
719			-64.9903	GY	0.76
719			-76.8067	GY	0.90
719			-88.6231	GY	1.03
719	-687.5002	GY 1.10	1.30		
719			-16.9922	GY	1.31
719			-16.6015	GY	1.34
719			-16.2109	GY	1.36
719			-15.8203	GY	1.39
719			-15.4297	GY	1.41
719			-15.0390	GY	1.44
719			-14.6484	GY	1.46
719			-14.2578	GY	1.49
785			-10.9863	GY	0.12
785			-32.9590	GY	0.29
785			-54.9316	GY	0.47
785			-76.9043	GY	0.66
785			-98.8769	GY	0.85
785			-120.8496	GY	1.03
785			-142.8222	GY	1.22
785			-164.7949	GY	1.41

785			-164.7950	GY	1.59
785			-142.8223	GY	1.78
785			-120.8496	GY	1.97
785			-98.8770	GY	2.15
785			-76.9043	GY	2.34
785			-54.9317	GY	2.52
785			-32.9590	GY	2.71
785			-10.9863	GY	2.87
733			-164.7949	GY	0.79
733			-142.8223	GY	0.98
733			-120.8496	GY	1.17
733			-98.8769	GY	1.35
733			-76.9043	GY	1.54
733			-54.9316	GY	1.73
733			-32.9590	GY	1.91
733			-10.9863	GY	2.08
733	-937.5001	GY 0.00	0.70		
732	-937.5001	GY 0.00	2.90		
731			-10.9863	GY	0.12
731			-32.9590	GY	0.29
731			-54.9316	GY	0.47
731			-76.9042	GY	0.66
731			-98.8769	GY	0.85
731			-120.8495	GY	1.03
731			-142.8221	GY	1.22
731			-164.7948	GY	1.41
731	-937.4994	GY 1.50	2.20		
772			-46.8750	GY	0.05
772			-40.6250	GY	0.15
772			-34.3750	GY	0.25
772			-28.1250	GY	0.35
772			-21.8750	GY	0.45
772			-15.6250	GY	0.55
772			-9.3750	GY	0.64
772			-3.1250	GY	0.73
771			-10.9863	GY	0.12
771			-32.9590	GY	0.29
771			-54.9316	GY	0.47
771			-76.9043	GY	0.66
771			-98.8769	GY	0.85
771			-120.8496	GY	1.03
771			-142.8222	GY	1.22
771			-164.7949	GY	1.41
771			-79.6386	GY	1.54
771			-74.8535	GY	1.63
771			-70.0683	GY	1.72
771			-65.2832	GY	1.81
771			-60.4980	GY	1.89
771			-55.7129	GY	1.98
771			-50.9277	GY	2.07
771			-46.1426	GY	2.16
723	-937.5001	GY 0.00	0.70		
723			-164.7949	GY	0.79
723			-142.8223	GY	0.98
723			-120.8496	GY	1.17
723			-98.8769	GY	1.35

```
723                          -76.9043 GY   1.54
723                          -54.9316 GY   1.73
723                          -32.9590 GY   1.91
723                          -10.9863 GY   2.08
721  -937.5001 GY   1.50    2.20
721                          -10.9863 GY   0.12
721                          -32.9590 GY   0.29
721                          -54.9316 GY   0.47
721                          -76.9043 GY   0.66
721                          -98.8769 GY   0.85
721                         -120.8496 GY   1.03
721                         -142.8222 GY   1.22
721                         -164.7949 GY   1.41
722  -937.5001 GY   0.00    2.90
796                          -10.9863 GY   0.12
796                          -32.9590 GY   0.29
796                          -54.9316 GY   0.47
796                          -76.9043 GY   0.66
796                          -98.8769 GY   0.85
796                         -120.8496 GY   1.03
796                         -142.8222 GY   1.22
796                         -164.7949 GY   1.41
796                         -164.7950 GY   1.59
796                         -142.8223 GY   1.78
796                         -120.8496 GY   1.97
796                          -98.8770 GY   2.15
796                          -76.9043 GY   2.34
796                          -54.9317 GY   2.52
796                          -32.9590 GY   2.71
796                          -10.9863 GY   2.87
736                         -164.7949 GY   1.09
736                         -142.8223 GY   1.28
736                         -120.8496 GY   1.47
736                          -98.8770 GY   1.65
736                          -76.9043 GY   1.84
736                          -54.9316 GY   2.02
736                          -32.9590 GY   2.21
736                          -10.9863 GY   2.37
736  -937.5001 GY   0.00    1.00
735                          -43.9453 GY   0.04
735                          -47.4609 GY   0.11
735                          -50.9765 GY   0.19
735                          -54.4921 GY   0.26
735                          -58.0077 GY   0.34
735                          -61.5234 GY   0.41
735                          -65.0390 GY   0.49
735                          -68.5546 GY   0.56
735  -937.5001 GY   0.60    0.80
734                           -3.9551 GY   0.07
734                          -11.8652 GY   0.17
734                          -19.7754 GY   0.28
734                          -27.6855 GY   0.40
734                          -35.5957 GY   0.51
734                          -43.5059 GY   0.62
734                          -51.4160 GY   0.73
734                          -59.3262 GY   0.84
```

785			-10.9863	GY	0.12
785			-32.9590	GY	0.29
785			-54.9316	GY	0.47
785			-76.9042	GY	0.66
785			-98.8768	GY	0.85
785			-120.8495	GY	1.03
785			-142.8221	GY	1.22
785			-164.7948	GY	1.41
785			-164.7949	GY	1.59
785			-142.8222	GY	1.78
785			-120.8496	GY	1.97
785			-98.8769	GY	2.15
785			-76.9043	GY	2.34
785			-54.9316	GY	2.52
785			-32.9590	GY	2.71
785			-10.9863	GY	2.87
726	-937.4994	GY 0.00	1.00		
726			-164.7948	GY	1.09
726			-142.8222	GY	1.28
726			-120.8495	GY	1.47
726			-98.8769	GY	1.65
726			-76.9043	GY	1.84
726			-54.9316	GY	2.02
726			-32.9590	GY	2.21
726			-10.9863	GY	2.37
724			-3.9551	GY	0.07
724			-11.8652	GY	0.17
724			-19.7754	GY	0.28
724			-27.6855	GY	0.40
724			-35.5957	GY	0.51
724			-43.5058	GY	0.62
724			-51.4160	GY	0.73
724			-59.3261	GY	0.84
725	-937.4994	GY 0.60	0.80		
725			-43.9452	GY	0.04
725			-47.4608	GY	0.11
725			-50.9765	GY	0.19
725			-54.4921	GY	0.26
725			-58.0077	GY	0.34
725			-61.5233	GY	0.41
725			-65.0389	GY	0.49
725			-68.5545	GY	0.56
767			-3.1250	GY	0.07
767			-9.3750	GY	0.16
767			-15.6250	GY	0.25
767			-21.8750	GY	0.35
767			-28.1250	GY	0.45
767			-34.3750	GY	0.55
767			-40.6250	GY	0.65
767			-46.8750	GY	0.75
768			-46.1426	GY	0.04
768			-50.9277	GY	0.13
768			-55.7129	GY	0.22
768			-60.4981	GY	0.31
768			-65.2832	GY	0.39
768			-70.0684	GY	0.48

768			-74.8536	GY	0.57
768			-79.6387	GY	0.66
768			-164.7949	GY	0.79
768			-142.8223	GY	0.98
768			-120.8496	GY	1.17
768			-98.8769	GY	1.35
768			-76.9043	GY	1.54
768			-54.9316	GY	1.73
768			-32.9590	GY	1.91
768			-10.9863	GY	2.08
737			-10.9863	GY	0.12
737			-32.9590	GY	0.29
737			-54.9316	GY	0.47
737			-76.9043	GY	0.66
737			-98.8770	GY	0.85
737			-120.8496	GY	1.03
737			-142.8223	GY	1.22
737			-164.7949	GY	1.41
737	-937.5001	GY 1.50	1.80		
737			-164.7949	GY	1.89
737			-142.8223	GY	2.08
737			-120.8496	GY	2.27
737			-98.8770	GY	2.45
737			-76.9043	GY	2.64
737			-54.9316	GY	2.83
737			-32.9590	GY	3.01
737			-10.9863	GY	3.18
759			-164.7949	GY	0.09
759			-142.8223	GY	0.28
759			-120.8496	GY	0.47
759			-98.8769	GY	0.65
759			-76.9043	GY	0.84
759			-54.9316	GY	1.02
759			-32.9590	GY	1.21
759			-10.9863	GY	1.37
758			-10.9863	GY	0.13
758			-32.9590	GY	0.29
758			-54.9317	GY	0.48
758			-76.9043	GY	0.66
758			-98.8770	GY	0.85
758			-120.8497	GY	1.03
758			-142.8223	GY	1.22
758			-164.7950	GY	1.41
728			-164.7949	GY	0.09
728			-142.8223	GY	0.28
728			-120.8496	GY	0.47
728			-98.8770	GY	0.65
728			-76.9043	GY	0.84
728			-54.9316	GY	1.03
728			-32.9590	GY	1.21
728			-10.9863	GY	1.38
727	-937.5001	GY 1.50	1.80		
727			-10.9863	GY	0.13
727			-32.9590	GY	0.29
727			-54.9316	GY	0.48
727			-76.9043	GY	0.66

```
727                          -98.8770 GY   0.85
727                         -120.8496 GY   1.03
727                         -142.8223 GY   1.22
727                         -164.7949 GY   1.41
729                           -0.7812 GY   0.03
729                           -2.3437 GY   0.08
729                           -3.9062 GY   0.13
729                           -5.4687 GY   0.18
729                           -7.0312 GY   0.23
729                           -8.5937 GY   0.28
729                          -10.1562 GY   0.33
729                          -11.7187 GY   0.38
729  -249.9998 GY   0.40    0.50
729                          -11.7187 GY   0.52
729                          -10.1562 GY   0.57
729                           -8.5937 GY   0.62
729                           -7.0312 GY   0.67
729                           -5.4687 GY   0.72
729                           -3.9062 GY   0.77
729                           -2.3437 GY   0.82
729                           -0.7812 GY   0.87
772                           -0.7813 GY   0.03
772                           -2.3438 GY   0.08
772                           -3.9063 GY   0.13
772                           -5.4688 GY   0.18
772                           -7.0313 GY   0.23
772                           -8.5938 GY   0.28
772                          -10.1563 GY   0.33
772                          -11.7188 GY   0.38
772                          -11.7188 GY   0.42
772                          -10.1563 GY   0.47
772                           -8.5938 GY   0.52
772                           -7.0313 GY   0.57
772                           -5.4688 GY   0.62
772                           -3.9063 GY   0.67
772                           -2.3438 GY   0.72
772                           -0.7813 GY   0.77
730                           -0.7812 GY   0.03
730                           -2.3437 GY   0.08
730                           -3.9062 GY   0.13
730                           -5.4687 GY   0.18
730                           -7.0312 GY   0.23
730                           -8.5937 GY   0.28
730                          -10.1562 GY   0.33
730                          -11.7187 GY   0.38
730  -249.9998 GY   0.40    0.50
730                          -11.7187 GY   0.52
730                          -10.1562 GY   0.57
730                           -8.5937 GY   0.62
730                           -7.0312 GY   0.67
730                           -5.4687 GY   0.72
730                           -3.9062 GY   0.77
730                           -2.3437 GY   0.82
730                           -0.7812 GY   0.87
767                           -0.7812 GY   0.03
767                           -2.3437 GY   0.08
```

767			-3.9062	GY	0.13
767			-5.4687	GY	0.18
767			-7.0312	GY	0.23
767			-8.5937	GY	0.28
767			-10.1562	GY	0.33
767			-11.7187	GY	0.38
767			-11.7187	GY	0.42
767			-10.1562	GY	0.47
767			-8.5937	GY	0.52
767			-7.0312	GY	0.57
767			-5.4687	GY	0.62
767			-3.9062	GY	0.67
767			-2.3437	GY	0.72
767			-0.7812	GY	0.77
776			-5.9082	GY	0.09
776			-17.7246	GY	0.21
776			-29.5410	GY	0.35
776			-41.3574	GY	0.48
776			-53.1738	GY	0.62
776			-64.9902	GY	0.76
776			-76.8067	GY	0.90
776			-88.6231	GY	1.03
776			-88.6231	GY	1.17
776			-76.8067	GY	1.30
776			-64.9902	GY	1.44
776			-53.1738	GY	1.58
776			-41.3574	GY	1.72
776			-29.5410	GY	1.85
776			-17.7246	GY	1.99
776			-5.9082	GY	2.11
738			-5.9082	GY	0.09
738			-17.7246	GY	0.21
738			-29.5410	GY	0.35
738			-41.3575	GY	0.48
738			-53.1739	GY	0.62
738			-64.9903	GY	0.76
738			-76.8067	GY	0.90
738			-88.6231	GY	1.03
738	-687.5002	GY 1.10	2.00		
738			-88.6231	GY	2.07
738			-76.8067	GY	2.20
738			-64.9902	GY	2.34
738			-53.1738	GY	2.48
738			-41.3574	GY	2.62
738			-29.5410	GY	2.75
738			-17.7246	GY	2.89
738			-5.9082	GY	3.01
768			-5.9082	GY	0.09
768			-17.7246	GY	0.21
768			-29.5410	GY	0.35
768			-41.3574	GY	0.48
768			-53.1739	GY	0.62
768			-64.9903	GY	0.76
768			-76.8067	GY	0.90
768			-88.6231	GY	1.03
768			-88.6231	GY	1.17

```
768                          -76.8067 GY   1.30
768                          -64.9903 GY   1.44
768                          -53.1739 GY   1.58
768                          -41.3574 GY   1.72
768                          -29.5410 GY   1.85
768                          -17.7246 GY   1.99
768                           -5.9082 GY   2.11
731                          -14.2578 GY   0.01
731                          -14.6485 GY   0.04
731                          -15.0391 GY   0.06
731                          -15.4297 GY   0.09
731                          -15.8203 GY   0.11
731                          -16.2110 GY   0.14
731                          -16.6016 GY   0.16
731                          -16.9922 GY   0.19
731  -687.5002 GY   0.20    1.10
731                          -88.6231 GY   1.17
731                          -76.8067 GY   1.30
731                          -64.9902 GY   1.44
731                          -53.1738 GY   1.58
731                          -41.3574 GY   1.72
731                          -29.5410 GY   1.85
731                          -17.7246 GY   1.99
731                           -5.9082 GY   2.11
730                           -3.9551 GY   0.08
730                          -11.8652 GY   0.18
730                          -19.7754 GY   0.29
730                          -27.6856 GY   0.40
730                          -35.5957 GY   0.51
730                          -43.5059 GY   0.62
730                          -51.4161 GY   0.73
730                          -59.3262 GY   0.85
732                           -5.9082 GY   0.09
732                          -17.7246 GY   0.21
732                          -29.5411 GY   0.35
732                          -41.3575 GY   0.48
732                          -53.1739 GY   0.62
732                          -64.9903 GY   0.76
732                          -76.8068 GY   0.90
732                          -88.6232 GY   1.03
732  -687.5009 GY   1.10    1.80
732                          -88.6232 GY   1.87
732                          -76.8068 GY   2.00
732                          -64.9903 GY   2.14
732                          -53.1739 GY   2.28
732                          -41.3575 GY   2.42
732                          -29.5411 GY   2.55
732                          -17.7246 GY   2.69
732                           -5.9082 GY   2.81
782                           -5.9082 GY   0.09
782                          -17.7246 GY   0.21
782                          -29.5410 GY   0.35
782                          -41.3574 GY   0.48
782                          -53.1739 GY   0.62
782                          -64.9903 GY   0.76
782                          -76.8067 GY   0.90
```

782			-88.6231	GY	1.03
782			-88.6231	GY	1.17
782			-76.8067	GY	1.30
782			-64.9903	GY	1.44
782			-53.1739	GY	1.58
782			-41.3574	GY	1.72
782			-29.5410	GY	1.85
782			-17.7246	GY	1.99
782			-5.9082	GY	2.11
739			-5.9082	GY	0.09
739			-17.7246	GY	0.21
739			-29.5410	GY	0.35
739			-41.3574	GY	0.48
739			-53.1738	GY	0.62
739			-64.9902	GY	0.76
739			-76.8066	GY	0.90
739			-88.6230	GY	1.03
739	-687.4996	GY 1.10	1.80		
739			-88.6230	GY	1.87
739			-76.8066	GY	2.00
739			-64.9902	GY	2.14
739			-53.1738	GY	2.28
739			-41.3574	GY	2.42
739			-29.5410	GY	2.55
739			-17.7246	GY	2.69
739			-5.9082	GY	2.81
776			-5.9082	GY	0.09
776			-17.7246	GY	0.21
776			-29.5411	GY	0.35
776			-41.3575	GY	0.48
776			-53.1739	GY	0.62
776			-64.9903	GY	0.76
776			-76.8068	GY	0.90
776			-88.6232	GY	1.03
776			-88.6230	GY	1.17
776			-76.8066	GY	1.30
776			-64.9902	GY	1.44
776			-53.1738	GY	1.58
776			-41.3574	GY	1.72
776			-29.5410	GY	1.85
776			-17.7246	GY	1.99
776			-5.9082	GY	2.11
789			-5.9082	GY	0.09
789			-17.7246	GY	0.21
789			-29.5410	GY	0.35
789			-41.3574	GY	0.48
789			-53.1739	GY	0.62
789			-64.9903	GY	0.76
789			-76.8067	GY	0.90
789			-88.6231	GY	1.03
789			-88.6231	GY	1.17
789			-76.8067	GY	1.30
789			-64.9903	GY	1.44
789			-53.1739	GY	1.58
789			-41.3574	GY	1.72
789			-29.5410	GY	1.85

```
789                          -17.7246 GY   1.99
789                           -5.9082 GY   2.11
740                           -5.9082 GY   0.09
740                          -17.7246 GY   0.21
740                          -29.5410 GY   0.35
740                          -41.3574 GY   0.48
740                          -53.1739 GY   0.62
740                          -64.9903 GY   0.76
740                          -76.8067 GY   0.90
740                          -88.6231 GY   1.03
740  -687.5002 GY   1.10    2.00
740                          -88.6231 GY   2.07
740                          -76.8067 GY   2.20
740                          -64.9903 GY   2.34
740                          -53.1739 GY   2.48
740                          -41.3574 GY   2.62
740                          -29.5410 GY   2.75
740                          -17.7246 GY   2.89
740                           -5.9082 GY   3.01
782                           -5.9082 GY   0.09
782                          -17.7246 GY   0.21
782                          -29.5410 GY   0.35
782                          -41.3574 GY   0.48
782                          -53.1739 GY   0.62
782                          -64.9903 GY   0.76
782                          -76.8067 GY   0.90
782                          -88.6231 GY   1.03
782                          -88.6231 GY   1.17
782                          -76.8067 GY   1.30
782                          -64.9903 GY   1.44
782                          -53.1739 GY   1.58
782                          -41.3574 GY   1.72
782                          -29.5410 GY   1.85
782                          -17.7246 GY   1.99
782                           -5.9082 GY   2.11
734                          -59.3262 GY   0.05
734                          -51.4160 GY   0.17
734                          -43.5059 GY   0.28
734                          -35.5957 GY   0.39
734                          -27.6855 GY   0.50
734                          -19.7754 GY   0.61
734                          -11.8652 GY   0.72
734                           -3.9551 GY   0.82
733                           -5.9082 GY   0.09
733                          -17.7246 GY   0.21
733                          -29.5410 GY   0.35
733                          -41.3574 GY   0.48
733                          -53.1739 GY   0.62
733                          -64.9903 GY   0.76
733                          -76.8067 GY   0.90
733                          -88.6231 GY   1.03
733  -687.5002 GY   1.10    2.00
733                          -16.9923 GY   2.01
733                          -16.6016 GY   2.04
733                          -16.2110 GY   2.06
733                          -15.8204 GY   2.09
```

733			-15.4298	GY	2.11
733			-15.0391	GY	2.14
733			-14.6485	GY	2.16
733			-14.2579	GY	2.19
797			-5.9082	GY	0.09
797			-17.7246	GY	0.21
797			-29.5410	GY	0.35
797			-41.3574	GY	0.48
797			-53.1739	GY	0.62
797			-64.9903	GY	0.76
797			-76.8067	GY	0.90
797			-88.6231	GY	1.03
797			-88.6231	GY	1.17
797			-76.8067	GY	1.30
797			-64.9903	GY	1.44
797			-53.1739	GY	1.58
797			-41.3574	GY	1.72
797			-29.5410	GY	1.85
797			-17.7246	GY	1.99
797			-5.9082	GY	2.11
741			-5.9082	GY	0.09
741			-17.7246	GY	0.21
741			-29.5410	GY	0.35
741			-41.3575	GY	0.48
741			-53.1739	GY	0.62
741			-64.9903	GY	0.76
741			-76.8067	GY	0.90
741			-88.6231	GY	1.03
741	-687.5002	GY	1.10	2.20	
741			-88.6231	GY	2.27
741			-76.8067	GY	2.40
741			-64.9903	GY	2.54
741			-53.1739	GY	2.68
741			-41.3575	GY	2.82
741			-29.5410	GY	2.95
741			-17.7246	GY	3.09
741			-5.9082	GY	3.21
789			-5.9082	GY	0.09
789			-17.7246	GY	0.21
789			-29.5410	GY	0.35
789			-41.3574	GY	0.48
789			-53.1739	GY	0.62
789			-64.9903	GY	0.76
789			-76.8067	GY	0.90
789			-88.6231	GY	1.03
789			-88.6231	GY	1.17
789			-76.8067	GY	1.30
789			-64.9903	GY	1.44
789			-53.1739	GY	1.58
789			-41.3574	GY	1.72
789			-29.5410	GY	1.85
789			-17.7246	GY	1.99
789			-5.9082	GY	2.11
736			-19.1894	GY	0.02
736			-20.0683	GY	0.06
736			-20.9472	GY	0.09

```
736                          -21.8261 GY   0.13
736                          -22.7050 GY   0.17
736                          -23.5839 GY   0.21
736                          -24.4628 GY   0.24
736                          -25.3417 GY   0.28
736  -687.5002 GY   0.30    1.40
736                          -88.6231 GY   1.47
736                          -76.8067 GY   1.60
736                          -64.9903 GY   1.74
736                          -53.1739 GY   1.88
736                          -41.3575 GY   2.02
736                          -29.5410 GY   2.15
736                          -17.7246 GY   2.29
736                           -5.9082 GY   2.41
735                           -3.1250 GY   0.07
735                           -9.3750 GY   0.16
735                          -15.6250 GY   0.25
735                          -21.8751 GY   0.35
735                          -28.1251 GY   0.45
735                          -34.3751 GY   0.55
735                          -40.6251 GY   0.65
735                          -46.8751 GY   0.75
737                          -10.9863 GY   0.13
737                          -32.9590 GY   0.29
737                          -54.9317 GY   0.48
737                          -76.9044 GY   0.66
737                          -98.8771 GY   0.85
737                         -120.8497 GY   1.03
737                         -142.8224 GY   1.22
737                         -164.7951 GY   1.41
737  -937.5005 GY   1.50    1.80
737                         -164.7951 GY   1.89
737                         -142.8224 GY   2.08
737                         -120.8497 GY   2.27
737                          -98.8771 GY   2.45
737                          -76.9044 GY   2.64
737                          -54.9317 GY   2.83
737                          -32.9590 GY   3.01
737                          -10.9863 GY   3.18
769                          -10.9863 GY   0.13
769                          -32.9590 GY   0.29
769                          -54.9317 GY   0.48
769                          -76.9043 GY   0.66
769                          -98.8770 GY   0.85
769                         -120.8497 GY   1.03
769                         -142.8224 GY   1.22
769                         -164.7950 GY   1.41
769                         -164.7949 GY   1.59
769                         -142.8223 GY   1.78
769                         -120.8496 GY   1.97
769                          -98.8769 GY   2.15
769                          -76.9043 GY   2.34
769                          -54.9316 GY   2.53
769                          -32.9590 GY   2.71
769                          -10.9863 GY   2.87
742                          -10.9863 GY   0.13
```

```
742                          -32.9590 GY   0.29
742                          -54.9317 GY   0.48
742                          -76.9043 GY   0.66
742                          -98.8770 GY   0.85
742                         -120.8497 GY   1.03
742                         -142.8223 GY   1.22
742                         -164.7950 GY   1.41
742  -937.5001 GY   1.50    1.80
742                         -164.7950 GY   1.89
742                         -142.8223 GY   2.08
742                         -120.8497 GY   2.27
742                          -98.8770 GY   2.45
742                          -76.9043 GY   2.64
742                          -54.9317 GY   2.83
742                          -32.9590 GY   3.01
742                          -10.9863 GY   3.18
760                          -10.9863 GY   0.13
760                          -32.9590 GY   0.29
760                          -54.9317 GY   0.48
760                          -76.9043 GY   0.66
760                          -98.8770 GY   0.85
760                         -120.8497 GY   1.03
760                         -142.8224 GY   1.22
760                         -164.7950 GY   1.41
760                         -164.7949 GY   1.59
760                         -142.8223 GY   1.78
760                         -120.8496 GY   1.97
760                          -98.8769 GY   2.15
760                          -76.9043 GY   2.34
760                          -54.9316 GY   2.53
760                          -32.9590 GY   2.71
760                          -10.9863 GY   2.87
738                          -10.9863 GY   0.13
738                          -32.9590 GY   0.29
738                          -54.9317 GY   0.48
738                          -76.9044 GY   0.66
738                          -98.8771 GY   0.85
738                         -120.8498 GY   1.03
738                         -142.8224 GY   1.22
738                         -164.7951 GY   1.41
738  -937.5005 GY   1.50    1.60
738                         -164.7951 GY   1.69
738                         -142.8224 GY   1.88
738                         -120.8497 GY   2.07
738                          -98.8771 GY   2.25
738                          -76.9044 GY   2.44
738                          -54.9317 GY   2.62
738                          -32.9590 GY   2.81
738                          -10.9863 GY   2.97
777                          -10.9863 GY   0.13
777                          -32.9590 GY   0.29
777                          -54.9317 GY   0.48
777                          -76.9043 GY   0.66
777                          -98.8770 GY   0.85
777                         -120.8497 GY   1.03
777                         -142.8224 GY   1.22
```

```
777                          -164.7950 GY   1.41
777                          -164.7949 GY   1.59
777                          -142.8223 GY   1.78
777                          -120.8496 GY   1.97
777                           -98.8769 GY   2.15
777                           -76.9043 GY   2.34
777                           -54.9316 GY   2.53
777                           -32.9590 GY   2.71
777                           -10.9863 GY   2.87
743                           -10.9863 GY   0.13
743                           -32.9590 GY   0.29
743                           -54.9317 GY   0.48
743                           -76.9043 GY   0.66
743                           -98.8770 GY   0.85
743                          -120.8497 GY   1.03
743                          -142.8224 GY   1.22
743                          -164.7950 GY   1.41
743  -937.5001 GY   1.50    1.60
743                          -164.7950 GY   1.69
743                          -142.8223 GY   1.88
743                          -120.8497 GY   2.07
743                           -98.8770 GY   2.25
743                           -76.9043 GY   2.44
743                           -54.9317 GY   2.62
743                           -32.9590 GY   2.81
743                           -10.9863 GY   2.97
769                           -10.9863 GY   0.13
769                           -32.9590 GY   0.29
769                           -54.9317 GY   0.48
769                           -76.9044 GY   0.66
769                           -98.8771 GY   0.85
769                          -120.8497 GY   1.03
769                          -142.8224 GY   1.22
769                          -164.7951 GY   1.41
769                          -164.7950 GY   1.59
769                          -142.8223 GY   1.78
769                          -120.8496 GY   1.97
769                           -98.8770 GY   2.15
769                           -76.9043 GY   2.34
769                           -54.9317 GY   2.53
769                           -32.9590 GY   2.71
769                           -10.9863 GY   2.87
739                           -10.2661 GY   0.12
739                           -30.7983 GY   0.28
739                           -51.3306 GY   0.46
739                           -71.8628 GY   0.64
739                           -92.3950 GY   0.82
739                          -112.9272 GY   1.00
739                          -133.4595 GY   1.18
739                          -153.9917 GY   1.36
739                          -153.9916 GY   1.54
739                          -133.4594 GY   1.72
739                          -112.9272 GY   1.90
739                           -92.3950 GY   2.08
739                           -71.8628 GY   2.26
739                           -51.3305 GY   2.44
```

739			-30.7983 GY	2.62
739			-10.2661 GY	2.78
783			-10.2661 GY	0.12
783			-30.7983 GY	0.28
783			-51.3305 GY	0.46
783			-71.8627 GY	0.64
783			-92.3949 GY	0.82
783			-112.9271 GY	1.00
783			-133.4593 GY	1.18
783			-153.9915 GY	1.36
783	-906.2496 GY	1.45	1.55	
783			-153.9914 GY	1.64
783			-133.4592 GY	1.82
783			-112.9271 GY	2.00
783			-92.3949 GY	2.18
783			-71.8627 GY	2.36
783			-51.3305 GY	2.54
783			-30.7983 GY	2.72
783			-10.2661 GY	2.88
744			-10.2661 GY	0.12
744			-30.7983 GY	0.28
744			-51.3305 GY	0.46
744			-71.8627 GY	0.64
744			-92.3950 GY	0.82
744			-112.9272 GY	1.00
744			-133.4594 GY	1.18
744			-153.9916 GY	1.36
744			-153.9915 GY	1.54
744			-133.4593 GY	1.72
744			-112.9271 GY	1.90
744			-92.3949 GY	2.08
744			-71.8627 GY	2.26
744			-51.3305 GY	2.44
744			-30.7983 GY	2.62
744			-10.2661 GY	2.78
777			-10.2661 GY	0.12
777			-30.7983 GY	0.28
777			-51.3305 GY	0.46
777			-71.8627 GY	0.64
777			-92.3950 GY	0.82
777			-112.9272 GY	1.00
777			-133.4594 GY	1.18
777			-153.9916 GY	1.36
777	-906.2499 GY	1.45	1.55	
777			-153.9915 GY	1.64
777			-133.4593 GY	1.82
777			-112.9271 GY	2.00
777			-92.3949 GY	2.18
777			-71.8627 GY	2.36
777			-51.3305 GY	2.54
777			-30.7983 GY	2.72
777			-10.2661 GY	2.88
740			-10.9863 GY	0.12
740			-32.9590 GY	0.29
740			-54.9317 GY	0.47
740			-76.9043 GY	0.66

```
740                          -98.8770 GY   0.85
740                         -120.8497 GY   1.03
740                         -142.8223 GY   1.22
740                         -164.7950 GY   1.41
740  -937.5005 GY   1.50    1.60
740                         -164.7950 GY   1.69
740                         -142.8223 GY   1.88
740                         -120.8497 GY   2.07
740                          -98.8770 GY   2.25
740                          -76.9043 GY   2.44
740                          -54.9317 GY   2.62
740                          -32.9590 GY   2.81
740                          -10.9863 GY   2.97
790                          -10.9863 GY   0.13
790                          -32.9590 GY   0.29
790                          -54.9317 GY   0.48
790                          -76.9043 GY   0.66
790                          -98.8770 GY   0.85
790                         -120.8497 GY   1.03
790                         -142.8223 GY   1.22
790                         -164.7950 GY   1.41
790                         -164.7949 GY   1.59
790                         -142.8222 GY   1.78
790                         -120.8495 GY   1.97
790                          -98.8769 GY   2.15
790                          -76.9043 GY   2.34
790                          -54.9316 GY   2.53
790                          -32.9590 GY   2.71
790                          -10.9863 GY   2.87
745                          -10.9863 GY   0.12
745                          -32.9590 GY   0.29
745                          -54.9316 GY   0.47
745                          -76.9043 GY   0.66
745                          -98.8769 GY   0.85
745                         -120.8496 GY   1.03
745                         -142.8223 GY   1.22
745                         -164.7949 GY   1.41
745  -937.5001 GY   1.50    1.60
745                         -164.7949 GY   1.69
745                         -142.8223 GY   1.88
745                         -120.8496 GY   2.07
745                          -98.8769 GY   2.25
745                          -76.9043 GY   2.44
745                          -54.9316 GY   2.62
745                          -32.9590 GY   2.81
745                          -10.9863 GY   2.97
783                          -10.9863 GY   0.13
783                          -32.9590 GY   0.29
783                          -54.9317 GY   0.48
783                          -76.9043 GY   0.66
783                          -98.8770 GY   0.85
783                         -120.8497 GY   1.03
783                         -142.8223 GY   1.22
783                         -164.7950 GY   1.41
783                         -164.7949 GY   1.59
783                         -142.8222 GY   1.78
```

783			-120.8495 GY	1.97
783			-98.8769 GY	2.15
783			-76.9043 GY	2.34
783			-54.9316 GY	2.53
783			-32.9590 GY	2.71
783			-10.9863 GY	2.87
741			-10.9863 GY	0.12
741			-32.9590 GY	0.29
741			-54.9317 GY	0.47
741			-76.9044 GY	0.66
741			-98.8770 GY	0.85
741			-120.8497 GY	1.03
741			-142.8224 GY	1.22
741			-164.7950 GY	1.41
741	-937.5005 GY	1.50	1.80	
741			-164.7952 GY	1.89
741			-142.8225 GY	2.08
741			-120.8498 GY	2.27
741			-98.8771 GY	2.45
741			-76.9044 GY	2.64
741			-54.9317 GY	2.82
741			-32.9590 GY	3.01
741			-10.9863 GY	3.18
798			-10.9863 GY	0.12
798			-32.9590 GY	0.29
798			-54.9316 GY	0.47
798			-76.9043 GY	0.66
798			-98.8769 GY	0.85
798			-120.8496 GY	1.03
798			-142.8222 GY	1.22
798			-164.7949 GY	1.41
798			-164.7952 GY	1.59
798			-142.8225 GY	1.78
798			-120.8498 GY	1.97
798			-98.8771 GY	2.15
798			-76.9044 GY	2.34
798			-54.9317 GY	2.52
798			-32.9590 GY	2.71
798			-10.9863 GY	2.87
746			-10.9863 GY	0.12
746			-32.9590 GY	0.29
746			-54.9316 GY	0.47
746			-76.9043 GY	0.66
746			-98.8770 GY	0.85
746			-120.8496 GY	1.03
746			-142.8223 GY	1.22
746			-164.7949 GY	1.41
746	-937.5001 GY	1.50	1.80	
746			-164.7950 GY	1.89
746			-142.8224 GY	2.08
746			-120.8497 GY	2.27
746			-98.8770 GY	2.45
746			-76.9044 GY	2.64
746			-54.9317 GY	2.82
746			-32.9590 GY	3.01
746			-10.9863 GY	3.18

790			-10.9863	GY	0.13
790			-32.9590	GY	0.29
790			-54.9317	GY	0.48
790			-76.9043	GY	0.66
790			-98.8770	GY	0.85
790			-120.8497	GY	1.03
790			-142.8223	GY	1.22
790			-164.7950	GY	1.41
790			-164.7949	GY	1.59
790			-142.8222	GY	1.78
790			-120.8495	GY	1.97
790			-98.8769	GY	2.15
790			-76.9043	GY	2.34
790			-54.9316	GY	2.53
790			-32.9590	GY	2.71
790			-10.9863	GY	2.87
742			-11.7309	GY	0.13
742			-35.1928	GY	0.30
742			-58.6547	GY	0.49
742			-82.1166	GY	0.68
742			-105.5785	GY	0.88
742			-129.0404	GY	1.07
742			-152.5023	GY	1.26
742			-175.9642	GY	1.46
742	-968.7496	GY	1.55	1.75	
742			-175.9641	GY	1.84
742			-152.5022	GY	2.04
742			-129.0403	GY	2.23
742			-105.5785	GY	2.42
742			-82.1166	GY	2.62
742			-58.6547	GY	2.81
742			-35.1928	GY	3.00
742			-11.7309	GY	3.17
770			-11.7309	GY	0.13
770			-35.1928	GY	0.30
770			-58.6547	GY	0.49
770			-82.1166	GY	0.68
770			-105.5785	GY	0.88
770			-129.0404	GY	1.07
770			-152.5023	GY	1.26
770			-175.9642	GY	1.46
770			-175.9642	GY	1.64
770			-152.5023	GY	1.84
770			-129.0404	GY	2.03
770			-105.5785	GY	2.22
770			-82.1166	GY	2.42
770			-58.6547	GY	2.61
770			-35.1928	GY	2.80
770			-11.7309	GY	2.97
747			-11.7309	GY	0.13
747			-35.1928	GY	0.30
747			-58.6547	GY	0.49
747			-82.1166	GY	0.68
747			-105.5785	GY	0.88
747			-129.0404	GY	1.07
747			-152.5023	GY	1.26

```
747                          -175.9642 GY   1.46
747  -968.7496 GY   1.55    1.75
747                          -175.9641 GY   1.84
747                          -152.5022 GY   2.04
747                          -129.0403 GY   2.23
747                          -105.5785 GY   2.42
747                           -82.1166 GY   2.62
747                           -58.6547 GY   2.81
747                           -35.1928 GY   3.00
747                           -11.7309 GY   3.17
762                           -29.9926 GY   0.09
762                           -47.7904 GY   0.26
762                           -65.5883 GY   0.43
762                           -83.3862 GY   0.59
762                          -101.1840 GY   0.76
762                          -118.9819 GY   0.93
762                          -136.7797 GY   1.10
762                          -154.5776 GY   1.27
762                          -175.9642 GY   1.44
762                          -152.5023 GY   1.64
762                          -129.0404 GY   1.83
762                          -105.5785 GY   2.02
762                           -82.1166 GY   2.22
762                           -58.6547 GY   2.41
762                           -35.1928 GY   2.60
762                           -11.7309 GY   2.77
761                            -0.1953 GY   0.02
761                            -0.5859 GY   0.04
761                            -0.9766 GY   0.06
761                            -1.3672 GY   0.09
761                            -1.7578 GY   0.11
761                            -2.1484 GY   0.14
761                            -2.5391 GY   0.16
761                            -2.9297 GY   0.19
743                           -11.7310 GY   0.13
743                           -35.1929 GY   0.30
743                           -58.6548 GY   0.49
743                           -82.1167 GY   0.68
743                          -105.5786 GY   0.88
743                          -129.0405 GY   1.07
743                          -152.5024 GY   1.26
743                          -175.9643 GY   1.46
743                          -175.9642 GY   1.64
743                          -152.5023 GY   1.84
743                          -129.0404 GY   2.03
743                          -105.5785 GY   2.22
743                           -82.1166 GY   2.42
743                           -58.6547 GY   2.61
743                           -35.1928 GY   2.80
743                           -11.7309 GY   2.97
778                           -11.7310 GY   0.13
778                           -35.1929 GY   0.30
778                           -58.6548 GY   0.49
778                           -82.1167 GY   0.68
778                          -105.5786 GY   0.88
778                          -129.0405 GY   1.07
```

778	-152.5024	GY	1.26
778	-175.9643	GY	1.46
778	-175.9643	GY	1.64
778	-152.5024	GY	1.84
778	-129.0405	GY	2.03
778	-105.5786	GY	2.22
778	-82.1167	GY	2.42
778	-58.6548	GY	2.61
778	-35.1929	GY	2.80
778	-11.7310	GY	2.97
749	-47.7661	GY	0.04
749	-51.8921	GY	0.12
749	-56.0180	GY	0.20
749	-60.1440	GY	0.28
749	-64.2700	GY	0.37
749	-68.3960	GY	0.45
749	-72.5219	GY	0.53
749	-76.6479	GY	0.61
749	-175.9642	GY	0.74
749	-152.5023	GY	0.94
749	-129.0404	GY	1.13
749	-105.5785	GY	1.32
749	-82.1166	GY	1.52
749	-58.6547	GY	1.71
749	-35.1928	GY	1.90
749	-11.7309	GY	2.07
748	-3.9551	GY	0.08
748	-11.8652	GY	0.18
748	-19.7754	GY	0.29
748	-27.6855	GY	0.40
748	-35.5957	GY	0.51
748	-43.5058	GY	0.62
748	-51.4160	GY	0.73
748	-59.3262	GY	0.85
770	-11.7310	GY	0.13
770	-35.1929	GY	0.30
770	-58.6548	GY	0.49
770	-82.1167	GY	0.68
770	-105.5786	GY	0.88
770	-129.0405	GY	1.07
770	-152.5025	GY	1.26
770	-175.9644	GY	1.46
770	-175.9644	GY	1.64
770	-152.5025	GY	1.84
770	-129.0405	GY	2.03
770	-105.5786	GY	2.22
770	-82.1167	GY	2.42
770	-58.6548	GY	2.61
770	-35.1929	GY	2.80
770	-11.7310	GY	2.97
744	-10.2661	GY	0.12
744	-30.7984	GY	0.28
744	-51.3306	GY	0.46
744	-71.8628	GY	0.64
744	-92.3951	GY	0.82
744	-112.9273	GY	1.00

744			-133.4595 GY	1.18
744			-153.9918 GY	1.36
744			-153.9917 GY	1.54
744			-133.4595 GY	1.72
744			-112.9273 GY	1.90
744			-92.3951 GY	2.08
744			-71.8628 GY	2.26
744			-51.3306 GY	2.44
744			-30.7983 GY	2.62
744			-10.2661 GY	2.78
784			-10.2661 GY	0.12
784			-30.7984 GY	0.28
784			-51.3306 GY	0.46
784			-71.8628 GY	0.64
784			-92.3951 GY	0.82
784			-112.9273 GY	1.00
784			-133.4595 GY	1.18
784			-153.9918 GY	1.36
784	-906.2496 GY	1.45	1.65	
784			-153.9916 GY	1.74
784			-133.4594 GY	1.92
784			-112.9271 GY	2.10
784			-92.3949 GY	2.28
784			-71.8627 GY	2.46
784			-51.3305 GY	2.64
784			-30.7983 GY	2.82
784			-10.2661 GY	2.98
750			-10.2661 GY	0.12
750			-30.7983 GY	0.28
750			-51.3305 GY	0.46
750			-71.8627 GY	0.64
750			-92.3950 GY	0.82
750			-112.9272 GY	1.00
750			-133.4594 GY	1.18
750			-153.9916 GY	1.36
750			-153.9915 GY	1.54
750			-133.4593 GY	1.72
750			-112.9271 GY	1.90
750			-92.3949 GY	2.08
750			-71.8627 GY	2.26
750			-51.3305 GY	2.44
750			-30.7983 GY	2.62
750			-10.2661 GY	2.78
778			-10.2661 GY	0.12
778			-30.7984 GY	0.28
778			-51.3306 GY	0.46
778			-71.8629 GY	0.64
778			-92.3951 GY	0.82
778			-112.9274 GY	1.00
778			-133.4596 GY	1.18
778			-153.9918 GY	1.36
778	-906.2499 GY	1.45	1.65	
778			-153.9916 GY	1.74
778			-133.4594 GY	1.92
778			-112.9272 GY	2.10
778			-92.3950 GY	2.28

778	-71.8628	GY	2.46
778	-51.3305	GY	2.64
778	-30.7983	GY	2.82
778	-10.2661	GY	2.98
745	-11.7310	GY	0.13
745	-35.1929	GY	0.30
745	-58.6548	GY	0.49
745	-82.1167	GY	0.68
745	-105.5786	GY	0.88
745	-129.0405	GY	1.07
745	-152.5024	GY	1.26
745	-175.9643	GY	1.46
745	-175.9643	GY	1.64
745	-152.5024	GY	1.84
745	-129.0405	GY	2.03
745	-105.5786	GY	2.22
745	-82.1167	GY	2.42
745	-58.6548	GY	2.61
745	-35.1929	GY	2.80
745	-11.7310	GY	2.97
791	-11.7310	GY	0.13
791	-35.1929	GY	0.30
791	-58.6548	GY	0.49
791	-82.1167	GY	0.68
791	-105.5786	GY	0.88
791	-129.0405	GY	1.07
791	-152.5025	GY	1.26
791	-175.9644	GY	1.46
791	-175.9644	GY	1.64
791	-152.5025	GY	1.84
791	-129.0405	GY	2.03
791	-105.5786	GY	2.22
791	-82.1167	GY	2.42
791	-58.6548	GY	2.61
791	-35.1929	GY	2.80
791	-11.7310	GY	2.97
751	-11.7310	GY	0.13
751	-35.1929	GY	0.30
751	-58.6548	GY	0.49
751	-82.1167	GY	0.68
751	-105.5786	GY	0.88
751	-129.0405	GY	1.07
751	-152.5024	GY	1.26
751	-175.9643	GY	1.46
751	-175.9643	GY	1.64
751	-152.5024	GY	1.84
751	-129.0405	GY	2.03
751	-105.5786	GY	2.22
751	-82.1167	GY	2.42
751	-58.6548	GY	2.61
751	-35.1929	GY	2.80
751	-11.7310	GY	2.97
784	-11.7310	GY	0.13
784	-35.1929	GY	0.30
784	-58.6548	GY	0.49
784	-82.1167	GY	0.68

784			-105.5786	GY	0.88
784			-129.0405	GY	1.07
784			-152.5025	GY	1.26
784			-175.9644	GY	1.46
784			-175.9644	GY	1.64
784			-152.5025	GY	1.84
784			-129.0405	GY	2.03
784			-105.5786	GY	2.22
784			-82.1167	GY	2.42
784			-58.6548	GY	2.61
784			-35.1929	GY	2.80
784			-11.7310	GY	2.97
746			-11.7309	GY	0.13
746			-35.1928	GY	0.30
746			-58.6547	GY	0.49
746			-82.1166	GY	0.68
746			-105.5785	GY	0.88
746			-129.0404	GY	1.07
746			-152.5023	GY	1.26
746			-175.9642	GY	1.46
746	-968.7496	GY 1.55	1.75		
746			-175.9643	GY	1.84
746			-152.5024	GY	2.04
746			-129.0405	GY	2.23
746			-105.5786	GY	2.42
746			-82.1167	GY	2.62
746			-58.6548	GY	2.81
746			-35.1929	GY	3.00
746			-11.7310	GY	3.17
799			-0.1953	GY	0.02
799			-0.5859	GY	0.04
799			-0.9766	GY	0.06
799			-1.3672	GY	0.09
799			-1.7578	GY	0.11
799			-2.1484	GY	0.14
799			-2.5390	GY	0.16
799			-2.9297	GY	0.19
800			-29.9924	GY	0.09
800			-47.7903	GY	0.26
800			-65.5882	GY	0.43
800			-83.3860	GY	0.59
800			-101.1839	GY	0.76
800			-118.9818	GY	0.93
800			-136.7796	GY	1.10
800			-154.5775	GY	1.27
800			-175.9645	GY	1.44
800			-152.5026	GY	1.64
800			-129.0406	GY	1.83
800			-105.5787	GY	2.02
800			-82.1168	GY	2.22
800			-58.6548	GY	2.41
800			-35.1929	GY	2.60
800			-11.7310	GY	2.77
752			-11.7309	GY	0.13
752			-35.1928	GY	0.30
752			-58.6547	GY	0.49

752			-82.1166 GY	0.68
752			-105.5785 GY	0.88
752			-129.0404 GY	1.07
752			-152.5023 GY	1.26
752			-175.9642 GY	1.46
752	-968.7496 GY	1.55	1.75	
752			-175.9643 GY	1.84
752			-152.5024 GY	2.04
752			-129.0405 GY	2.23
752			-105.5786 GY	2.42
752			-82.1167 GY	2.62
752			-58.6548 GY	2.81
752			-35.1929 GY	3.00
752			-11.7310 GY	3.17
791			-11.7310 GY	0.13
791			-35.1929 GY	0.30
791			-58.6548 GY	0.49
791			-82.1167 GY	0.68
791			-105.5786 GY	0.88
791			-129.0405 GY	1.07
791			-152.5024 GY	1.26
791			-175.9643 GY	1.46
791			-175.9643 GY	1.64
791			-152.5024 GY	1.84
791			-129.0405 GY	2.03
791			-105.5786 GY	2.22
791			-82.1167 GY	2.42
791			-58.6548 GY	2.61
791			-35.1929 GY	2.80
791			-11.7310 GY	2.97
801			-3.9551 GY	0.08
801			-11.8652 GY	0.17
801			-19.7754 GY	0.28
801			-27.6856 GY	0.40
801			-35.5957 GY	0.51
801			-43.5059 GY	0.62
801			-51.4160 GY	0.73
801			-59.3262 GY	0.84
801			-59.3262 GY	0.95
801			-51.4160 GY	1.07
801			-43.5059 GY	1.18
801			-35.5957 GY	1.29
801			-27.6856 GY	1.40
801			-19.7754 GY	1.51
801			-11.8652 GY	1.62
801			-3.9551 GY	1.72
812			-3.9551 GY	0.08
812			-11.8652 GY	0.18
812			-19.7754 GY	0.29
812			-27.6856 GY	0.40
812			-35.5957 GY	0.51
812			-43.5059 GY	0.62
812			-51.4160 GY	0.73
812			-59.3262 GY	0.85
812	-562.5001 GY	0.90	1.30	
812			-59.3261 GY	1.36

```
812                          -51.4160 GY   1.47
812                          -43.5058 GY   1.58
812                          -35.5957 GY   1.69
812                          -27.6855 GY   1.80
812                          -19.7754 GY   1.91
812                          -11.8652 GY   2.02
812                           -3.9551 GY   2.12
806                           -3.9551 GY   0.08
806                          -11.8652 GY   0.17
806                          -19.7754 GY   0.28
806                          -27.6855 GY   0.40
806                          -35.5957 GY   0.51
806                          -43.5058 GY   0.62
806                          -51.4160 GY   0.73
806                          -59.3261 GY   0.84
806                          -59.3261 GY   0.95
806                          -51.4160 GY   1.07
806                          -43.5058 GY   1.18
806                          -35.5957 GY   1.29
806                          -27.6855 GY   1.40
806                          -19.7754 GY   1.51
806                          -11.8652 GY   1.62
806                           -3.9551 GY   1.72
811                           -3.9551 GY   0.08
811                          -11.8652 GY   0.18
811                          -19.7754 GY   0.29
811                          -27.6856 GY   0.40
811                          -35.5957 GY   0.51
811                          -43.5059 GY   0.62
811                          -51.4160 GY   0.73
811                          -59.3262 GY   0.85
811  -562.5001 GY   0.90    1.30
811                          -59.3261 GY   1.36
811                          -51.4160 GY   1.47
811                          -43.5058 GY   1.58
811                          -35.5957 GY   1.69
811                          -27.6855 GY   1.80
811                          -19.7754 GY   1.91
811                          -11.8652 GY   2.02
811                           -3.9551 GY   2.12
802                           -5.9082 GY   0.09
802                          -17.7246 GY   0.21
802                          -29.5410 GY   0.35
802                          -41.3574 GY   0.48
802                          -53.1739 GY   0.62
802                          -64.9903 GY   0.76
802                          -76.8067 GY   0.90
802                          -88.6231 GY   1.03
802  -687.5002 GY   1.10    1.30
802                          -88.6230 GY   1.37
802                          -76.8066 GY   1.50
802                          -64.9902 GY   1.64
802                          -53.1738 GY   1.78
802                          -41.3574 GY   1.92
802                          -29.5410 GY   2.05
802                          -17.7246 GY   2.19
```

802			-5.9082	GY	2.31
813			-5.9082	GY	0.09
813			-17.7246	GY	0.21
813			-29.5410	GY	0.35
813			-41.3574	GY	0.48
813			-53.1738	GY	0.62
813			-64.9902	GY	0.76
813			-76.8066	GY	0.90
813			-88.6231	GY	1.03
813			-88.6230	GY	1.17
813			-76.8066	GY	1.30
813			-64.9902	GY	1.44
813			-53.1738	GY	1.58
813			-41.3574	GY	1.72
813			-29.5410	GY	1.85
813			-17.7246	GY	1.99
813			-5.9082	GY	2.11
807			-5.9082	GY	0.09
807			-17.7246	GY	0.21
807			-29.5410	GY	0.35
807			-41.3574	GY	0.48
807			-53.1738	GY	0.62
807			-64.9902	GY	0.76
807			-76.8066	GY	0.90
807			-88.6230	GY	1.03
807	-687.4996	GY	1.10	1.30	
807			-88.6230	GY	1.37
807			-76.8066	GY	1.50
807			-64.9902	GY	1.64
807			-53.1738	GY	1.78
807			-41.3574	GY	1.92
807			-29.5410	GY	2.05
807			-17.7246	GY	2.19
807			-5.9082	GY	2.31
812			-5.9082	GY	0.09
812			-17.7246	GY	0.21
812			-29.5410	GY	0.35
812			-41.3574	GY	0.48
812			-53.1739	GY	0.62
812			-64.9903	GY	0.76
812			-76.8067	GY	0.90
812			-88.6231	GY	1.03
812			-88.6230	GY	1.17
812			-76.8066	GY	1.30
812			-64.9902	GY	1.44
812			-53.1738	GY	1.58
812			-41.3574	GY	1.72
812			-29.5410	GY	1.85
812			-17.7246	GY	1.99
812			-5.9082	GY	2.11
803	-937.4994	GY	1.50	7.30	
803			-10.9863	GY	0.12
803			-32.9590	GY	0.29
803			-54.9316	GY	0.47
803			-76.9042	GY	0.66
803			-98.8769	GY	0.85

803			-120.8495	GY	1.03
803			-142.8221	GY	1.22
803			-164.7948	GY	1.41
804	-937.4994	GY	0.00	0.20	
804			-164.7948	GY	0.29
804			-142.8221	GY	0.48
804			-120.8495	GY	0.67
804			-98.8768	GY	0.85
804			-76.9042	GY	1.04
804			-54.9316	GY	1.23
804			-32.9590	GY	1.41
804			-10.9863	GY	1.58
815			-10.9863	GY	0.12
815			-32.9590	GY	0.29
815			-54.9316	GY	0.47
815			-76.9043	GY	0.66
815			-98.8769	GY	0.85
815			-120.8496	GY	1.03
815			-142.8222	GY	1.22
815			-164.7949	GY	1.41
815			-164.7950	GY	1.59
815			-142.8223	GY	1.78
815			-120.8496	GY	1.97
815			-98.8770	GY	2.15
815			-76.9043	GY	2.34
815			-54.9317	GY	2.52
815			-32.9590	GY	2.71
815			-10.9863	GY	2.87
809			-46.8751	GY	0.05
809			-40.6251	GY	0.15
809			-34.3751	GY	0.25
809			-28.1251	GY	0.35
809			-21.8751	GY	0.45
809			-15.6250	GY	0.55
809			-9.3750	GY	0.64
809			-3.1250	GY	0.73
808			-10.9863	GY	0.12
808			-32.9590	GY	0.29
808			-54.9316	GY	0.47
808			-76.9043	GY	0.66
808			-98.8769	GY	0.85
808			-120.8496	GY	1.03
808			-142.8222	GY	1.22
808			-164.7949	GY	1.41
808	-937.5001	GY	1.50	7.50	
808			-79.6386	GY	7.54
808			-74.8535	GY	7.63
808			-70.0683	GY	7.72
808			-65.2832	GY	7.81
808			-60.4980	GY	7.89
808			-55.7129	GY	7.98
808			-50.9277	GY	8.07
808			-46.1426	GY	8.16
814			-46.8749	GY	0.05
814			-40.6249	GY	0.15
814			-34.3749	GY	0.25

814			-28.1250	GY	0.35
814			-21.8750	GY	0.45
814			-15.6250	GY	0.55
814			-9.3750	GY	0.64
814			-3.1250	GY	0.73
813			-10.9863	GY	0.12
813			-32.9590	GY	0.29
813			-54.9316	GY	0.47
813			-76.9042	GY	0.66
813			-98.8769	GY	0.85
813			-120.8495	GY	1.03
813			-142.8221	GY	1.22
813			-164.7948	GY	1.41
813			-79.6387	GY	1.54
813			-74.8536	GY	1.63
813			-70.0684	GY	1.72
813			-65.2832	GY	1.81
813			-60.4981	GY	1.89
813			-55.7129	GY	1.98
813			-50.9277	GY	2.07
813			-46.1426	GY	2.16
805			-7.6294	GY	0.10
805			-22.8882	GY	0.24
805			-38.1469	GY	0.40
805			-53.4057	GY	0.55
805			-68.6645	GY	0.71
805			-83.9232	GY	0.86
805			-99.1820	GY	1.02
805			-114.4407	GY	1.17
805			-114.4408	GY	1.33
805			-99.1821	GY	1.48
805			-83.9233	GY	1.64
805			-68.6645	GY	1.79
805			-53.4057	GY	1.95
805			-38.1469	GY	2.10
805			-22.8882	GY	2.26
805			-7.6294	GY	2.40
816			-7.6294	GY	0.10
816			-22.8882	GY	0.24
816			-38.1470	GY	0.40
816			-53.4057	GY	0.55
816			-68.6645	GY	0.71
816			-83.9233	GY	0.86
816			-99.1821	GY	1.02
816			-114.4409	GY	1.17
816	-781.2500	GY 1.25	1.75		
816			-114.4409	GY	1.83
816			-99.1821	GY	1.98
816			-83.9234	GY	2.14
816			-68.6646	GY	2.29
816			-53.4058	GY	2.45
816			-38.1470	GY	2.60
816			-22.8882	GY	2.76
816			-7.6294	GY	2.90
810			-7.6294	GY	0.10
810			-22.8882	GY	0.24

810			-38.1469	GY	0.40			
810			-53.4057	GY	0.55			
810			-68.6645	GY	0.71			
810			-83.9233	GY	0.86			
810			-99.1821	GY	1.02			
810			-114.4408	GY	1.17			
810			-114.4409	GY	1.33			
810			-99.1821	GY	1.48			
810			-83.9233	GY	1.64			
810			-68.6646	GY	1.79			
810			-53.4058	GY	1.95			
810			-38.1470	GY	2.10			
810			-22.8882	GY	2.26			
810			-7.6294	GY	2.40			
815			-7.6294	GY	0.10			
815			-22.8882	GY	0.24			
815			-38.1469	GY	0.40			
815			-53.4057	GY	0.55			
815			-68.6645	GY	0.71			
815			-83.9232	GY	0.86			
815			-99.1820	GY	1.02			
815			-114.4408	GY	1.17			
815	-781.2493	GY	1.25		1.75			
815			-114.4409	GY	1.83			
815			-99.1821	GY	1.98			
815			-83.9233	GY	2.14			
815			-68.6645	GY	2.29			
815			-53.4057	GY	2.45			
815			-38.1469	GY	2.60			
815			-22.8882	GY	2.76			
815			-7.6294	GY	2.90			

MEMBER LOAD - UNIT KG METE

MEMBER	UDL		L1	L2	CON		L	LIN1	LIN2
803	-1499.9990	GY	1.50	7.30					
803					-17.5781	GY	0.12		
803					-52.7343	GY	0.29		
803					-87.8905	GY	0.47		
803					-123.0468	GY	0.66		
803					-158.2030	GY	0.85		
803					-193.3592	GY	1.03		
803					-228.5154	GY	1.22		
803					-263.6716	GY	1.41		
804	-1499.9990	GY	0.00	0.20					
804					-263.6716	GY	0.29		
804					-228.5154	GY	0.48		
804					-193.3592	GY	0.67		
804					-158.2030	GY	0.85		
804					-123.0468	GY	1.04		
804					-87.8905	GY	1.23		
804					-52.7343	GY	1.41		
804					-17.5781	GY	1.58		
815					-17.5781	GY	0.12		

```
815                          -52.7344 GY   0.29
815                          -87.8906 GY   0.47
815                         -123.0468 GY   0.66
815                         -158.2031 GY   0.85
815                         -193.3593 GY   1.03
815                         -228.5155 GY   1.22
815                         -263.6718 GY   1.41
815                         -263.6719 GY   1.59
815                         -228.5157 GY   1.78
815                         -193.3594 GY   1.97
815                         -158.2032 GY   2.15
815                         -123.0469 GY   2.34
815                          -87.8906 GY   2.52
815                          -52.7344 GY   2.71
815                          -17.5781 GY   2.87
809                          -75.0002 GY   0.05
809                          -65.0002 GY   0.15
809                          -55.0001 GY   0.25
809                          -45.0001 GY   0.35
809                          -35.0001 GY   0.45
809                          -25.0001 GY   0.55
809                          -15.0000 GY   0.64
809                           -5.0000 GY   0.73
808                          -17.5781 GY   0.12
808                          -52.7344 GY   0.29
808                          -87.8906 GY   0.47
808                         -123.0468 GY   0.66
808                         -158.2031 GY   0.85
808                         -193.3593 GY   1.03
808                         -228.5155 GY   1.22
808                         -263.6718 GY   1.41
808 -1500.0000 GY   1.50    7.50
808                         -127.4218 GY   7.54
808                         -119.7655 GY   7.63
808                         -112.1093 GY   7.72
808                         -104.4531 GY   7.81
808                          -96.7968 GY   7.89
808                          -89.1406 GY   7.98
808                          -81.4844 GY   8.07
808                          -73.8281 GY   8.16
814                          -74.9999 GY   0.05
814                          -64.9999 GY   0.15
814                          -54.9999 GY   0.25
814                          -44.9999 GY   0.35
814                          -35.0000 GY   0.45
814                          -25.0000 GY   0.55
814                          -15.0000 GY   0.64
814                           -5.0000 GY   0.73
813                          -17.5781 GY   0.12
813                          -52.7343 GY   0.29
813                          -87.8905 GY   0.47
813                         -123.0468 GY   0.66
813                         -158.2030 GY   0.85
813                         -193.3592 GY   1.03
813                         -228.5154 GY   1.22
813                         -263.6716 GY   1.41
```

813			-127.4220	GY	1.54		
813			-119.7657	GY	1.63		
813			-112.1094	GY	1.72		
813			-104.4532	GY	1.81		
813			-96.7969	GY	1.89		
813			-89.1406	GY	1.98		
813			-81.4844	GY	2.07		
813			-73.8281	GY	2.16		

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON		L	LIN1	LIN2
302				-1.5000	GY	0.07		
302				-4.5000	GY	0.16		
302				-7.5000	GY	0.25		
302				-10.5000	GY	0.35		
302				-13.5000	GY	0.45		
302				-16.5000	GY	0.55		
302				-19.5000	GY	0.65		
302				-22.5000	GY	0.75		
302	-240.0000	GY	0.80	2.85				
302				-22.5000	GY	2.90		
302				-19.5000	GY	3.00		
302				-16.5000	GY	3.10		
302				-13.5000	GY	3.20		
302				-10.5000	GY	3.30		
302				-7.5000	GY	3.40		
302				-4.5000	GY	3.49		
302				-1.5000	GY	3.58		
362				-1.5000	GY	0.07		
362				-4.5000	GY	0.16		
362				-7.5000	GY	0.25		
362				-10.5000	GY	0.35		
362				-13.5000	GY	0.45		
362				-16.5000	GY	0.55		
362				-19.5000	GY	0.65		
362				-22.5000	GY	0.75		
362				-22.5000	GY	0.85		
362				-19.5000	GY	0.95		
362				-16.5000	GY	1.05		
362				-13.5000	GY	1.15		
362				-10.5000	GY	1.25		
362				-7.5000	GY	1.35		
362				-4.5000	GY	1.44		
362				-1.5000	GY	1.53		
305				-1.5000	GY	0.07		
305				-4.5000	GY	0.16		
305				-7.5000	GY	0.25		
305				-10.5000	GY	0.35		
305				-13.5000	GY	0.45		
305				-16.5000	GY	0.55		
305				-19.5000	GY	0.65		
305				-22.5000	GY	0.75		
305	-240.0000	GY	0.80	2.85				

```
305                          -22.5000 GY   2.90
305                          -19.5000 GY   3.00
305                          -16.5000 GY   3.10
305                          -13.5000 GY   3.20
305                          -10.5000 GY   3.30
305                           -7.5000 GY   3.40
305                           -4.5000 GY   3.49
305                           -1.5000 GY   3.58
350                           -1.5000 GY   0.07
350                           -4.5000 GY   0.16
350                           -7.5000 GY   0.25
350                          -10.5000 GY   0.35
350                          -13.5000 GY   0.45
350                          -16.5000 GY   0.55
350                          -19.5000 GY   0.65
350                          -22.5000 GY   0.75
350                          -22.5000 GY   0.85
350                          -19.5000 GY   0.95
350                          -16.5000 GY   1.05
350                          -13.5000 GY   1.15
350                          -10.5000 GY   1.25
350                           -7.5000 GY   1.35
350                           -4.5000 GY   1.44
350                           -1.5000 GY   1.53
402                           -1.5000 GY   0.07
402                           -4.5000 GY   0.16
402                           -7.5000 GY   0.25
402                          -10.5000 GY   0.35
402                          -13.5000 GY   0.45
402                          -16.5000 GY   0.55
402                          -19.5000 GY   0.65
402                          -22.5000 GY   0.75
402  -240.0000 GY   0.80    2.85
402                          -22.5000 GY   2.90
402                          -19.5000 GY   3.00
402                          -16.5000 GY   3.10
402                          -13.5000 GY   3.20
402                          -10.5000 GY   3.30
402                           -7.5000 GY   3.40
402                           -4.5000 GY   3.49
402                           -1.5000 GY   3.58
462                           -1.5000 GY   0.07
462                           -4.5000 GY   0.16
462                           -7.5000 GY   0.25
462                          -10.5000 GY   0.35
462                          -13.5000 GY   0.45
462                          -16.5000 GY   0.55
462                          -19.5000 GY   0.65
462                          -22.5000 GY   0.75
462                          -22.5000 GY   0.85
462                          -19.5000 GY   0.95
462                          -16.5000 GY   1.05
462                          -13.5000 GY   1.15
462                          -10.5000 GY   1.25
462                           -7.5000 GY   1.35
462                           -4.5000 GY   1.44
```

```
462                          -1.5000 GY   1.53
405                          -1.5000 GY   0.07
405                          -4.5000 GY   0.16
405                          -7.5000 GY   0.25
405                         -10.5000 GY   0.35
405                         -13.5000 GY   0.45
405                         -16.5000 GY   0.55
405                         -19.5000 GY   0.65
405                         -22.5000 GY   0.75
405  -240.0000 GY   0.80    2.85
405                         -22.5000 GY   2.90
405                         -19.5000 GY   3.00
405                         -16.5000 GY   3.10
405                         -13.5000 GY   3.20
405                         -10.5000 GY   3.30
405                          -7.5000 GY   3.40
405                          -4.5000 GY   3.49
405                          -1.5000 GY   3.58
450                          -1.5000 GY   0.07
450                          -4.5000 GY   0.16
450                          -7.5000 GY   0.25
450                         -10.5000 GY   0.35
450                         -13.5000 GY   0.45
450                         -16.5000 GY   0.55
450                         -19.5000 GY   0.65
450                         -22.5000 GY   0.75
450                         -22.5000 GY   0.85
450                         -19.5000 GY   0.95
450                         -16.5000 GY   1.05
450                         -13.5000 GY   1.15
450                         -10.5000 GY   1.25
450                          -7.5000 GY   1.35
450                          -4.5000 GY   1.44
450                          -1.5000 GY   1.53
502                          -1.5000 GY   0.07
502                          -4.5000 GY   0.16
502                          -7.5000 GY   0.25
502                         -10.5000 GY   0.35
502                         -13.5000 GY   0.45
502                         -16.5000 GY   0.55
502                         -19.5000 GY   0.65
502                         -22.5000 GY   0.75
502  -240.0000 GY   0.80    2.85
502                         -22.5000 GY   2.90
502                         -19.5000 GY   3.00
502                         -16.5000 GY   3.10
502                         -13.5000 GY   3.20
502                         -10.5000 GY   3.30
502                          -7.5000 GY   3.40
502                          -4.5000 GY   3.49
502                          -1.5000 GY   3.58
562                          -1.5000 GY   0.07
562                          -4.5000 GY   0.16
562                          -7.5000 GY   0.25
562                         -10.5000 GY   0.35
562                         -13.5000 GY   0.45
```

562				-16.5000	GY	0.55		
562				-19.5000	GY	0.65		
562				-22.5000	GY	0.75		
562				-22.5000	GY	0.85		
562				-19.5000	GY	0.95		
562				-16.5000	GY	1.05		
562				-13.5000	GY	1.15		
562				-10.5000	GY	1.25		
562				-7.5000	GY	1.35		
562				-4.5000	GY	1.44		
562				-1.5000	GY	1.53		
505				-1.5000	GY	0.07		
505				-4.5000	GY	0.16		
505				-7.5000	GY	0.25		
505				-10.5000	GY	0.35		
505				-13.5000	GY	0.45		
505				-16.5000	GY	0.55		
505				-19.5000	GY	0.65		
505				-22.5000	GY	0.75		
505	-240.0000	GY	0.80	2.85				
505				-22.5000	GY	2.90		
505				-19.5000	GY	3.00		
505				-16.5000	GY	3.10		
505				-13.5000	GY	3.20		
505				-10.5000	GY	3.30		
505				-7.5000	GY	3.40		
505				-4.5000	GY	3.49		
505				-1.5000	GY	3.58		
550				-1.5000	GY	0.07		
550				-4.5000	GY	0.16		
550				-7.5000	GY	0.25		
550				-10.5000	GY	0.35		
550				-13.5000	GY	0.45		
550				-16.5000	GY	0.55		
550				-19.5000	GY	0.65		
550				-22.5000	GY	0.75		
550				-22.5000	GY	0.85		
550				-19.5000	GY	0.95		
550				-16.5000	GY	1.05		
550				-13.5000	GY	1.15		
550				-10.5000	GY	1.25		
550				-7.5000	GY	1.35		
550				-4.5000	GY	1.44		
550				-1.5000	GY	1.53		

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON		L	LIN1	LIN2
303				-1.5000	GY	0.07		
303				-4.5000	GY	0.16		
303				-7.5000	GY	0.25		
303				-10.5000	GY	0.35		
303				-13.5000	GY	0.45		
303				-16.5000	GY	0.55		

```
303                          -19.5000 GY   0.65
303                          -22.5000 GY   0.75
303  -240.0001 GY   0.80    2.85
303                          -22.5000 GY   2.90
303                          -19.5000 GY   3.00
303                          -16.5000 GY   3.10
303                          -13.5000 GY   3.20
303                          -10.5000 GY   3.30
303                           -7.5000 GY   3.40
303                           -4.5000 GY   3.49
303                           -1.5000 GY   3.58
367                           -1.5000 GY   0.07
367                           -4.5000 GY   0.16
367                           -7.5000 GY   0.25
367                          -10.5000 GY   0.35
367                          -13.5000 GY   0.45
367                          -16.5000 GY   0.55
367                          -19.5000 GY   0.65
367                          -22.5000 GY   0.75
367                          -22.5000 GY   0.85
367                          -19.5000 GY   0.95
367                          -16.5000 GY   1.05
367                          -13.5000 GY   1.15
367                          -10.5000 GY   1.25
367                           -7.5000 GY   1.35
367                           -4.5000 GY   1.44
367                           -1.5000 GY   1.53
306                           -1.5000 GY   0.07
306                           -4.5000 GY   0.16
306                           -7.5000 GY   0.25
306                          -10.5000 GY   0.35
306                          -13.5000 GY   0.45
306                          -16.5000 GY   0.55
306                          -19.5000 GY   0.65
306                          -22.5000 GY   0.75
306  -240.0000 GY   0.80    2.85
306                          -22.5000 GY   2.90
306                          -19.5000 GY   3.00
306                          -16.5000 GY   3.10
306                          -13.5000 GY   3.20
306                          -10.5000 GY   3.30
306                           -7.5000 GY   3.40
306                           -4.5000 GY   3.49
306                           -1.5000 GY   3.58
362                           -1.5000 GY   0.07
362                           -4.5000 GY   0.16
362                           -7.5000 GY   0.25
362                          -10.5000 GY   0.35
362                          -13.5000 GY   0.45
362                          -16.5000 GY   0.55
362                          -19.5000 GY   0.65
362                          -22.5000 GY   0.75
362                          -22.5000 GY   0.85
362                          -19.5000 GY   0.95
362                          -16.5000 GY   1.05
362                          -13.5000 GY   1.15
```

```
362                          -10.5000 GY   1.25
362                           -7.5000 GY   1.35
362                           -4.5000 GY   1.44
362                           -1.5000 GY   1.53
403                           -1.5000 GY   0.07
403                           -4.5000 GY   0.16
403                           -7.5000 GY   0.25
403                          -10.5000 GY   0.35
403                          -13.5000 GY   0.45
403                          -16.5000 GY   0.55
403                          -19.5000 GY   0.65
403                          -22.5000 GY   0.75
403  -240.0001 GY   0.80    2.85
403                          -22.5000 GY   2.90
403                          -19.5000 GY   3.00
403                          -16.5000 GY   3.10
403                          -13.5000 GY   3.20
403                          -10.5000 GY   3.30
403                           -7.5000 GY   3.40
403                           -4.5000 GY   3.49
403                           -1.5000 GY   3.58
467                           -1.5000 GY   0.07
467                           -4.5000 GY   0.16
467                           -7.5000 GY   0.25
467                          -10.5000 GY   0.35
467                          -13.5000 GY   0.45
467                          -16.5000 GY   0.55
467                          -19.5000 GY   0.65
467                          -22.5000 GY   0.75
467                          -22.5000 GY   0.85
467                          -19.5000 GY   0.95
467                          -16.5000 GY   1.05
467                          -13.5000 GY   1.15
467                          -10.5000 GY   1.25
467                           -7.5000 GY   1.35
467                           -4.5000 GY   1.44
467                           -1.5000 GY   1.53
406                           -1.5000 GY   0.07
406                           -4.5000 GY   0.16
406                           -7.5000 GY   0.25
406                          -10.5000 GY   0.35
406                          -13.5000 GY   0.45
406                          -16.5000 GY   0.55
406                          -19.5000 GY   0.65
406                          -22.5000 GY   0.75
406  -240.0000 GY   0.80    2.85
406                          -22.5000 GY   2.90
406                          -19.5000 GY   3.00
406                          -16.5000 GY   3.10
406                          -13.5000 GY   3.20
406                          -10.5000 GY   3.30
406                           -7.5000 GY   3.40
406                           -4.5000 GY   3.49
406                           -1.5000 GY   3.58
462                           -1.5000 GY   0.07
462                           -4.5000 GY   0.16
```

```
462                          -7.5000 GY   0.25
462                         -10.5000 GY   0.35
462                         -13.5000 GY   0.45
462                         -16.5000 GY   0.55
462                         -19.5000 GY   0.65
462                         -22.5000 GY   0.75
462                         -22.5000 GY   0.85
462                         -19.5000 GY   0.95
462                         -16.5000 GY   1.05
462                         -13.5000 GY   1.15
462                         -10.5000 GY   1.25
462                          -7.5000 GY   1.35
462                          -4.5000 GY   1.44
462                          -1.5000 GY   1.53
503                          -1.5000 GY   0.07
503                          -4.5000 GY   0.16
503                          -7.5000 GY   0.25
503                         -10.5000 GY   0.35
503                         -13.5000 GY   0.45
503                         -16.5000 GY   0.55
503                         -19.5000 GY   0.65
503                         -22.5000 GY   0.75
503  -240.0001 GY   0.80    2.85
503                         -22.5000 GY   2.90
503                         -19.5000 GY   3.00
503                         -16.5000 GY   3.10
503                         -13.5000 GY   3.20
503                         -10.5000 GY   3.30
503                          -7.5000 GY   3.40
503                          -4.5000 GY   3.49
503                          -1.5000 GY   3.58
567                          -1.5000 GY   0.07
567                          -4.5000 GY   0.16
567                          -7.5000 GY   0.25
567                         -10.5000 GY   0.35
567                         -13.5000 GY   0.45
567                         -16.5000 GY   0.55
567                         -19.5000 GY   0.65
567                         -22.5000 GY   0.75
567                         -22.5000 GY   0.85
567                         -19.5000 GY   0.95
567                         -16.5000 GY   1.05
567                         -13.5000 GY   1.15
567                         -10.5000 GY   1.25
567                          -7.5000 GY   1.35
567                          -4.5000 GY   1.44
567                          -1.5000 GY   1.53
506                          -1.5000 GY   0.07
506                          -4.5000 GY   0.16
506                          -7.5000 GY   0.25
506                         -10.5000 GY   0.35
506                         -13.5000 GY   0.45
506                         -16.5000 GY   0.55
506                         -19.5000 GY   0.65
506                         -22.5000 GY   0.75
506  -240.0000 GY   0.80    2.85
```

506			-22.5000	GY	2.90		
506			-19.5000	GY	3.00		
506			-16.5000	GY	3.10		
506			-13.5000	GY	3.20		
506			-10.5000	GY	3.30		
506			-7.5000	GY	3.40		
506			-4.5000	GY	3.49		
506			-1.5000	GY	3.58		
562			-1.5000	GY	0.07		
562			-4.5000	GY	0.16		
562			-7.5000	GY	0.25		
562			-10.5000	GY	0.35		
562			-13.5000	GY	0.45		
562			-16.5000	GY	0.55		
562			-19.5000	GY	0.65		
562			-22.5000	GY	0.75		
562			-22.5000	GY	0.85		
562			-19.5000	GY	0.95		
562			-16.5000	GY	1.05		
562			-13.5000	GY	1.15		
562			-10.5000	GY	1.25		
562			-7.5000	GY	1.35		
562			-4.5000	GY	1.44		
562			-1.5000	GY	1.53		

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON		L	LIN1	LIN2
307				-1.1484	GY	0.06		
307				-3.4453	GY	0.14		
307				-5.7422	GY	0.22		
307				-8.0391	GY	0.31		
307				-10.3359	GY	0.40		
307				-12.6328	GY	0.48		
307				-14.9297	GY	0.57		
307				-17.2266	GY	0.66		
307	-210.0001	GY	0.70	3.50				
307				-17.2266	GY	3.54		
307				-14.9297	GY	3.63		
307				-12.6328	GY	3.72		
307				-10.3359	GY	3.80		
307				-8.0391	GY	3.89		
307				-5.7422	GY	3.98		
307				-3.4453	GY	4.06		
307				-1.1484	GY	4.14		
352				-1.1484	GY	0.06		
352				-3.4453	GY	0.14		
352				-5.7422	GY	0.22		
352				-8.0391	GY	0.31		
352				-10.3359	GY	0.40		
352				-12.6328	GY	0.48		
352				-14.9297	GY	0.57		
352				-17.2266	GY	0.66		
352				-17.2266	GY	0.74		

352			-14.9297 GY	0.83	
352			-12.6328 GY	0.92	
352			-10.3359 GY	1.00	
352			-8.0391 GY	1.09	
352			-5.7422 GY	1.18	
352			-3.4453 GY	1.26	
352			-1.1484 GY	1.34	
309			-1.1484 GY	0.06	
309			-3.4453 GY	0.14	
309			-5.7422 GY	0.22	
309			-8.0391 GY	0.31	
309			-10.3359 GY	0.40	
309			-12.6328 GY	0.48	
309			-14.9297 GY	0.57	
309			-17.2266 GY	0.66	
309	-209.9999 GY	0.70	3.50		
309			-17.2266 GY	3.54	
309			-14.9297 GY	3.63	
309			-12.6328 GY	3.72	
309			-10.3359 GY	3.80	
309			-8.0391 GY	3.89	
309			-5.7422 GY	3.98	
309			-3.4453 GY	4.06	
309			-1.1484 GY	4.14	
341			-1.1484 GY	0.06	
341			-3.4453 GY	0.14	
341			-5.7422 GY	0.22	
341			-8.0391 GY	0.31	
341			-10.3359 GY	0.40	
341			-12.6328 GY	0.48	
341			-14.9297 GY	0.57	
341			-17.2266 GY	0.66	
341			-17.2266 GY	0.74	
341			-14.9297 GY	0.83	
341			-12.6328 GY	0.92	
341			-10.3359 GY	1.00	
341			-8.0391 GY	1.09	
341			-5.7422 GY	1.18	
341			-3.4453 GY	1.26	
341			-1.1484 GY	1.34	
407			-1.1484 GY	0.06	
407			-3.4453 GY	0.14	
407			-5.7422 GY	0.22	
407			-8.0391 GY	0.31	
407			-10.3359 GY	0.40	
407			-12.6328 GY	0.48	
407			-14.9297 GY	0.57	
407			-17.2266 GY	0.66	
407	-210.0001 GY	0.70	3.50		
407			-17.2266 GY	3.54	
407			-14.9297 GY	3.63	
407			-12.6328 GY	3.72	
407			-10.3359 GY	3.80	
407			-8.0391 GY	3.89	
407			-5.7422 GY	3.98	
407			-3.4453 GY	4.06	

407			-1.1484	GY	4.14
452			-1.1484	GY	0.06
452			-3.4453	GY	0.14
452			-5.7422	GY	0.22
452			-8.0391	GY	0.31
452			-10.3359	GY	0.40
452			-12.6328	GY	0.48
452			-14.9297	GY	0.57
452			-17.2266	GY	0.66
452			-17.2266	GY	0.74
452			-14.9297	GY	0.83
452			-12.6328	GY	0.92
452			-10.3359	GY	1.00
452			-8.0391	GY	1.09
452			-5.7422	GY	1.18
452			-3.4453	GY	1.26
452			-1.1484	GY	1.34
409			-1.1484	GY	0.06
409			-3.4453	GY	0.14
409			-5.7422	GY	0.22
409			-8.0391	GY	0.31
409			-10.3359	GY	0.40
409			-12.6328	GY	0.48
409			-14.9297	GY	0.57
409			-17.2266	GY	0.66
409	-209.9999	GY	0.70	3.50	
409			-17.2266	GY	3.54
409			-14.9297	GY	3.63
409			-12.6328	GY	3.72
409			-10.3359	GY	3.80
409			-8.0391	GY	3.89
409			-5.7422	GY	3.98
409			-3.4453	GY	4.06
409			-1.1484	GY	4.14
441			-1.1484	GY	0.06
441			-3.4453	GY	0.14
441			-5.7422	GY	0.22
441			-8.0391	GY	0.31
441			-10.3359	GY	0.40
441			-12.6328	GY	0.48
441			-14.9297	GY	0.57
441			-17.2266	GY	0.66
441			-17.2266	GY	0.74
441			-14.9297	GY	0.83
441			-12.6328	GY	0.92
441			-10.3359	GY	1.00
441			-8.0391	GY	1.09
441			-5.7422	GY	1.18
441			-3.4453	GY	1.26
441			-1.1484	GY	1.34
507			-1.1484	GY	0.06
507			-3.4453	GY	0.14
507			-5.7422	GY	0.22
507			-8.0391	GY	0.31
507			-10.3359	GY	0.40
507			-12.6328	GY	0.48

```
507                          -14.9297 GY   0.57
507                          -17.2266 GY   0.66
507  -210.0001 GY   0.70    3.50
507                          -17.2266 GY   3.54
507                          -14.9297 GY   3.63
507                          -12.6328 GY   3.72
507                          -10.3359 GY   3.80
507                           -8.0391 GY   3.89
507                           -5.7422 GY   3.98
507                           -3.4453 GY   4.06
507                           -1.1484 GY   4.14
552                           -1.1484 GY   0.06
552                           -3.4453 GY   0.14
552                           -5.7422 GY   0.22
552                           -8.0391 GY   0.31
552                          -10.3359 GY   0.40
552                          -12.6328 GY   0.48
552                          -14.9297 GY   0.57
552                          -17.2266 GY   0.66
552                          -17.2266 GY   0.74
552                          -14.9297 GY   0.83
552                          -12.6328 GY   0.92
552                          -10.3359 GY   1.00
552                           -8.0391 GY   1.09
552                           -5.7422 GY   1.18
552                           -3.4453 GY   1.26
552                           -1.1484 GY   1.34
509                           -1.1484 GY   0.06
509                           -3.4453 GY   0.14
509                           -5.7422 GY   0.22
509                           -8.0391 GY   0.31
509                          -10.3359 GY   0.40
509                          -12.6328 GY   0.48
509                          -14.9297 GY   0.57
509                          -17.2266 GY   0.66
509  -209.9999 GY   0.70    3.50
509                          -17.2266 GY   3.54
509                          -14.9297 GY   3.63
509                          -12.6328 GY   3.72
509                          -10.3359 GY   3.80
509                           -8.0391 GY   3.89
509                           -5.7422 GY   3.98
509                           -3.4453 GY   4.06
509                           -1.1484 GY   4.14
541                           -1.1484 GY   0.06
541                           -3.4453 GY   0.14
541                           -5.7422 GY   0.22
541                           -8.0391 GY   0.31
541                          -10.3359 GY   0.40
541                          -12.6328 GY   0.48
541                          -14.9297 GY   0.57
541                          -17.2266 GY   0.66
541                          -17.2266 GY   0.74
541                          -14.9297 GY   0.83
541                          -12.6328 GY   0.92
541                          -10.3359 GY   1.00
```

541			-8.0391	GY	1.09		
541			-5.7422	GY	1.18		
541			-3.4453	GY	1.26		
541			-1.1484	GY	1.34		

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON		L	LIN1	LIN2
308				-1.1484	GY	0.06		
308				-3.4453	GY	0.14		
308				-5.7422	GY	0.22		
308				-8.0391	GY	0.31		
308				-10.3359	GY	0.40		
308				-12.6328	GY	0.48		
308				-14.9297	GY	0.57		
308				-17.2266	GY	0.66		
308	-209.9999	GY	0.70	3.50				
308				-17.2265	GY	3.54		
308				-14.9297	GY	3.63		
308				-12.6328	GY	3.72		
308				-10.3359	GY	3.80		
308				-8.0391	GY	3.89		
308				-5.7422	GY	3.98		
308				-3.4453	GY	4.06		
308				-1.1484	GY	4.14		
378				-1.1484	GY	0.06		
378				-3.4453	GY	0.14		
378				-5.7422	GY	0.22		
378				-8.0391	GY	0.31		
378				-10.3359	GY	0.40		
378				-12.6328	GY	0.48		
378				-14.9297	GY	0.57		
378				-17.2266	GY	0.66		
378				-17.2265	GY	0.74		
378				-14.9297	GY	0.83		
378				-12.6328	GY	0.92		
378				-10.3359	GY	1.00		
378				-8.0391	GY	1.09		
378				-5.7422	GY	1.18		
378				-3.4453	GY	1.26		
378				-1.1484	GY	1.34		
310				-1.1484	GY	0.06		
310				-3.4453	GY	0.14		
310				-5.7422	GY	0.22		
310				-8.0391	GY	0.31		
310				-10.3359	GY	0.40		
310				-12.6328	GY	0.48		
310				-14.9297	GY	0.57		
310				-17.2266	GY	0.66		
310	-210.0001	GY	0.70	3.50				
310				-17.2266	GY	3.54		
310				-14.9297	GY	3.63		
310				-12.6328	GY	3.72		
310				-10.3359	GY	3.80		

310			-8.0391 GY	3.89	
310			-5.7422 GY	3.98	
310			-3.4453 GY	4.06	
310			-1.1484 GY	4.14	
369			-1.1484 GY	0.06	
369			-3.4453 GY	0.14	
369			-5.7422 GY	0.22	
369			-8.0391 GY	0.31	
369			-10.3359 GY	0.40	
369			-12.6328 GY	0.48	
369			-14.9297 GY	0.57	
369			-17.2265 GY	0.66	
369			-17.2266 GY	0.74	
369			-14.9297 GY	0.83	
369			-12.6328 GY	0.92	
369			-10.3359 GY	1.00	
369			-8.0391 GY	1.09	
369			-5.7422 GY	1.18	
369			-3.4453 GY	1.26	
369			-1.1484 GY	1.34	
408			-1.1484 GY	0.06	
408			-3.4453 GY	0.14	
408			-5.7422 GY	0.22	
408			-8.0391 GY	0.31	
408			-10.3359 GY	0.40	
408			-12.6328 GY	0.48	
408			-14.9297 GY	0.57	
408			-17.2266 GY	0.66	
408	-209.9999 GY	0.70	3.50		
408			-17.2265 GY	3.54	
408			-14.9297 GY	3.63	
408			-12.6328 GY	3.72	
408			-10.3359 GY	3.80	
408			-8.0391 GY	3.89	
408			-5.7422 GY	3.98	
408			-3.4453 GY	4.06	
408			-1.1484 GY	4.14	
478			-1.1484 GY	0.06	
478			-3.4453 GY	0.14	
478			-5.7422 GY	0.22	
478			-8.0391 GY	0.31	
478			-10.3359 GY	0.40	
478			-12.6328 GY	0.48	
478			-14.9297 GY	0.57	
478			-17.2266 GY	0.66	
478			-17.2265 GY	0.74	
478			-14.9297 GY	0.83	
478			-12.6328 GY	0.92	
478			-10.3359 GY	1.00	
478			-8.0391 GY	1.09	
478			-5.7422 GY	1.18	
478			-3.4453 GY	1.26	
478			-1.1484 GY	1.34	
410			-1.1484 GY	0.06	
410			-3.4453 GY	0.14	
410			-5.7422 GY	0.22	

410				-8.0391 GY	0.31
410				-10.3359 GY	0.40
410				-12.6328 GY	0.48
410				-14.9297 GY	0.57
410				-17.2266 GY	0.66
410	-210.0001 GY	0.70	3.50		
410				-17.2266 GY	3.54
410				-14.9297 GY	3.63
410				-12.6328 GY	3.72
410				-10.3359 GY	3.80
410				-8.0391 GY	3.89
410				-5.7422 GY	3.98
410				-3.4453 GY	4.06
410				-1.1484 GY	4.14
469				-1.1484 GY	0.06
469				-3.4453 GY	0.14
469				-5.7422 GY	0.22
469				-8.0391 GY	0.31
469				-10.3359 GY	0.40
469				-12.6328 GY	0.48
469				-14.9297 GY	0.57
469				-17.2265 GY	0.66
469				-17.2266 GY	0.74
469				-14.9297 GY	0.83
469				-12.6328 GY	0.92
469				-10.3359 GY	1.00
469				-8.0391 GY	1.09
469				-5.7422 GY	1.18
469				-3.4453 GY	1.26
469				-1.1484 GY	1.34
508				-1.1484 GY	0.06
508				-3.4453 GY	0.14
508				-5.7422 GY	0.22
508				-8.0391 GY	0.31
508				-10.3359 GY	0.40
508				-12.6328 GY	0.48
508				-14.9297 GY	0.57
508				-17.2266 GY	0.66
508	-209.9999 GY	0.70	3.50		
508				-17.2265 GY	3.54
508				-14.9297 GY	3.63
508				-12.6328 GY	3.72
508				-10.3359 GY	3.80
508				-8.0391 GY	3.89
508				-5.7422 GY	3.98
508				-3.4453 GY	4.06
508				-1.1484 GY	4.14
578				-1.1484 GY	0.06
578				-3.4453 GY	0.14
578				-5.7422 GY	0.22
578				-8.0391 GY	0.31
578				-10.3359 GY	0.40
578				-12.6328 GY	0.48
578				-14.9297 GY	0.57
578				-17.2266 GY	0.66
578				-17.2265 GY	0.74

578			-14.9297	GY	0.83		
578			-12.6328	GY	0.92		
578			-10.3359	GY	1.00		
578			-8.0391	GY	1.09		
578			-5.7422	GY	1.18		
578			-3.4453	GY	1.26		
578			-1.1484	GY	1.34		
510			-1.1484	GY	0.06		
510			-3.4453	GY	0.14		
510			-5.7422	GY	0.22		
510			-8.0391	GY	0.31		
510			-10.3359	GY	0.40		
510			-12.6328	GY	0.48		
510			-14.9297	GY	0.57		
510			-17.2266	GY	0.66		
510	-210.0001	GY 0.70	3.50				
510			-17.2266	GY	3.54		
510			-14.9297	GY	3.63		
510			-12.6328	GY	3.72		
510			-10.3359	GY	3.80		
510			-8.0391	GY	3.89		
510			-5.7422	GY	3.98		
510			-3.4453	GY	4.06		
510			-1.1484	GY	4.14		
569			-1.1484	GY	0.06		
569			-3.4453	GY	0.14		
569			-5.7422	GY	0.22		
569			-8.0391	GY	0.31		
569			-10.3359	GY	0.40		
569			-12.6328	GY	0.48		
569			-14.9297	GY	0.57		
569			-17.2265	GY	0.66		
569			-17.2266	GY	0.74		
569			-14.9297	GY	0.83		
569			-12.6328	GY	0.92		
569			-10.3359	GY	1.00		
569			-8.0391	GY	1.09		
569			-5.7422	GY	1.18		
569			-3.4453	GY	1.26		
569			-1.1484	GY	1.34		

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
319	-240.0001	GY 0.80	1.80				
319				-1.5000 GY	0.07		
319				-4.5000 GY	0.16		
319				-7.5000 GY	0.25		
319				-10.5000 GY	0.35		
319				-13.5000 GY	0.45		
319				-16.5000 GY	0.55		
319				-19.5000 GY	0.65		
319				-22.5000 GY	0.75		
320	-240.0001	GY 0.00	1.60				

320			-22.5000	GY	1.65
320			-19.5000	GY	1.75
320			-16.5000	GY	1.85
320			-13.5000	GY	1.95
320			-10.5000	GY	2.05
320			-7.5000	GY	2.15
320			-4.5000	GY	2.24
320			-1.5000	GY	2.33
356			-1.5000	GY	0.07
356			-4.5000	GY	0.16
356			-7.5000	GY	0.25
356			-10.5000	GY	0.35
356			-13.5000	GY	0.45
356			-16.5000	GY	0.55
356			-19.5000	GY	0.65
356			-22.5000	GY	0.75
357			-22.5000	GY	0.05
357			-19.5000	GY	0.15
357			-16.5000	GY	0.25
357			-13.5000	GY	0.35
357			-10.5000	GY	0.45
357			-7.5000	GY	0.55
357			-4.5000	GY	0.64
357			-1.5000	GY	0.73
326			-1.5000	GY	0.07
326			-4.5000	GY	0.16
326			-7.5000	GY	0.25
326			-10.5000	GY	0.35
326			-13.5000	GY	0.45
326			-16.5000	GY	0.55
326			-19.5000	GY	0.65
326			-22.5000	GY	0.75
326	-240.0001	GY	0.80		3.40
326			-22.5000	GY	3.45
326			-19.5000	GY	3.55
326			-16.5000	GY	3.65
326			-13.5000	GY	3.75
326			-10.5000	GY	3.85
326			-7.5000	GY	3.95
326			-4.5000	GY	4.04
326			-1.5000	GY	4.13
345			-0.3516	GY	0.01
345			-0.3047	GY	0.02
345			-0.2578	GY	0.03
345			-0.2109	GY	0.04
345			-0.1641	GY	0.06
345			-0.1172	GY	0.07
345			-0.0703	GY	0.08
345			-0.0234	GY	0.09
344			-1.5000	GY	0.07
344			-4.5000	GY	0.16
344			-7.5000	GY	0.25
344			-10.5000	GY	0.35
344			-13.5000	GY	0.45
344			-16.5000	GY	0.55
344			-19.5000	GY	0.65

```
344                          -22.5000 GY   0.75
344                          -19.8516 GY   0.84
344                          -17.5547 GY   0.93
344                          -15.2578 GY   1.02
344                          -12.9609 GY   1.10
344                          -10.6641 GY   1.19
344                           -8.3672 GY   1.28
344                           -6.0703 GY   1.37
344                           -3.7734 GY   1.45
419  -240.0001 GY   0.80    1.80
419                           -1.5000 GY   0.07
419                           -4.5000 GY   0.16
419                           -7.5000 GY   0.25
419                          -10.5000 GY   0.35
419                          -13.5000 GY   0.45
419                          -16.5000 GY   0.55
419                          -19.5000 GY   0.65
419                          -22.5000 GY   0.75
420  -240.0001 GY   0.00    1.60
420                          -22.5000 GY   1.65
420                          -19.5000 GY   1.75
420                          -16.5000 GY   1.85
420                          -13.5000 GY   1.95
420                          -10.5000 GY   2.05
420                           -7.5000 GY   2.15
420                           -4.5000 GY   2.24
420                           -1.5000 GY   2.33
456                           -1.5000 GY   0.07
456                           -4.5000 GY   0.16
456                           -7.5000 GY   0.25
456                          -10.5000 GY   0.35
456                          -13.5000 GY   0.45
456                          -16.5000 GY   0.55
456                          -19.5000 GY   0.65
456                          -22.5000 GY   0.75
457                          -22.5000 GY   0.05
457                          -19.5000 GY   0.15
457                          -16.5000 GY   0.25
457                          -13.5000 GY   0.35
457                          -10.5000 GY   0.45
457                           -7.5000 GY   0.55
457                           -4.5000 GY   0.64
457                           -1.5000 GY   0.73
426                           -1.5000 GY   0.07
426                           -4.5000 GY   0.16
426                           -7.5000 GY   0.25
426                          -10.5000 GY   0.35
426                          -13.5000 GY   0.45
426                          -16.5000 GY   0.55
426                          -19.5000 GY   0.65
426                          -22.5000 GY   0.75
426  -240.0001 GY   0.80    3.40
426                          -22.5000 GY   3.45
426                          -19.5000 GY   3.55
426                          -16.5000 GY   3.65
426                          -13.5000 GY   3.75
```

426			-10.5000	GY	3.85
426			-7.5000	GY	3.95
426			-4.5000	GY	4.04
426			-1.5000	GY	4.13
445			-0.3516	GY	0.01
445			-0.3047	GY	0.02
445			-0.2578	GY	0.03
445			-0.2109	GY	0.04
445			-0.1641	GY	0.06
445			-0.1172	GY	0.07
445			-0.0703	GY	0.08
445			-0.0234	GY	0.09
444			-1.5000	GY	0.07
444			-4.5000	GY	0.16
444			-7.5000	GY	0.25
444			-10.5000	GY	0.35
444			-13.5000	GY	0.45
444			-16.5000	GY	0.55
444			-19.5000	GY	0.65
444			-22.5000	GY	0.75
444			-19.8516	GY	0.84
444			-17.5547	GY	0.93
444			-15.2578	GY	1.02
444			-12.9609	GY	1.10
444			-10.6641	GY	1.19
444			-8.3672	GY	1.28
444			-6.0703	GY	1.37
444			-3.7734	GY	1.45
615	-240.0001	GY	0.80	1.80	
615			-1.5000	GY	0.07
615			-4.5000	GY	0.16
615			-7.5000	GY	0.25
615			-10.5000	GY	0.35
615			-13.5000	GY	0.45
615			-16.5000	GY	0.55
615			-19.5000	GY	0.65
615			-22.5000	GY	0.75
616	-240.0001	GY	0.00	1.60	
616			-22.5000	GY	1.65
616			-19.5000	GY	1.75
616			-16.5000	GY	1.85
616			-13.5000	GY	1.95
616			-10.5000	GY	2.05
616			-7.5000	GY	2.15
616			-4.5000	GY	2.24
616			-1.5000	GY	2.33
647			-1.5000	GY	0.07
647			-4.5000	GY	0.16
647			-7.5000	GY	0.25
647			-10.5000	GY	0.35
647			-13.5000	GY	0.45
647			-16.5000	GY	0.55
647			-19.5000	GY	0.65
647			-22.5000	GY	0.75
648			-22.5000	GY	0.05
648			-19.5000	GY	0.15

```
648                          -16.5000 GY   0.25
648                          -13.5000 GY   0.35
648                          -10.5000 GY   0.45
648                           -7.5000 GY   0.55
648                           -4.5000 GY   0.64
648                           -1.5000 GY   0.73
622                           -1.5000 GY   0.07
622                           -4.5000 GY   0.16
622                           -7.5000 GY   0.25
622                          -10.5000 GY   0.35
622                          -13.5000 GY   0.45
622                          -16.5000 GY   0.55
622                          -19.5000 GY   0.65
622                          -22.5000 GY   0.75
622  -240.0001 GY   0.80    3.40
622                          -22.5000 GY   3.45
622                          -19.5000 GY   3.55
622                          -16.5000 GY   3.65
622                          -13.5000 GY   3.75
622                          -10.5000 GY   3.85
622                           -7.5000 GY   3.95
622                           -4.5000 GY   4.04
622                           -1.5000 GY   4.13
639                           -0.3516 GY   0.01
639                           -0.3047 GY   0.02
639                           -0.2578 GY   0.03
639                           -0.2109 GY   0.04
639                           -0.1641 GY   0.06
639                           -0.1172 GY   0.07
639                           -0.0703 GY   0.08
639                           -0.0234 GY   0.09
638                           -1.5000 GY   0.07
638                           -4.5000 GY   0.16
638                           -7.5000 GY   0.25
638                          -10.5000 GY   0.35
638                          -13.5000 GY   0.45
638                          -16.5000 GY   0.55
638                          -19.5000 GY   0.65
638                          -22.5000 GY   0.75
638                          -19.8516 GY   0.84
638                          -17.5547 GY   0.93
638                          -15.2578 GY   1.02
638                          -12.9609 GY   1.10
638                          -10.6641 GY   1.19
638                           -8.3672 GY   1.28
638                           -6.0703 GY   1.37
638                           -3.7734 GY   1.45
519  -240.0001 GY   0.80    1.80
519                           -1.5000 GY   0.07
519                           -4.5000 GY   0.16
519                           -7.5000 GY   0.25
519                          -10.5000 GY   0.35
519                          -13.5000 GY   0.45
519                          -16.5000 GY   0.55
519                          -19.5000 GY   0.65
519                          -22.5000 GY   0.75
```

```
520  -240.0001 GY   0.00    1.60
520                           -22.5000 GY   1.65
520                           -19.5000 GY   1.75
520                           -16.5000 GY   1.85
520                           -13.5000 GY   1.95
520                           -10.5000 GY   2.05
520                            -7.5000 GY   2.15
520                            -4.5000 GY   2.24
520                            -1.5000 GY   2.33
556                            -1.5000 GY   0.07
556                            -4.5000 GY   0.16
556                            -7.5000 GY   0.25
556                           -10.5000 GY   0.35
556                           -13.5000 GY   0.45
556                           -16.5000 GY   0.55
556                           -19.5000 GY   0.65
556                           -22.5000 GY   0.75
557                           -22.5000 GY   0.05
557                           -19.5000 GY   0.15
557                           -16.5000 GY   0.25
557                           -13.5000 GY   0.35
557                           -10.5000 GY   0.45
557                            -7.5000 GY   0.55
557                            -4.5000 GY   0.64
557                            -1.5000 GY   0.73
526                            -1.5000 GY   0.07
526                            -4.5000 GY   0.16
526                            -7.5000 GY   0.25
526                           -10.5000 GY   0.35
526                           -13.5000 GY   0.45
526                           -16.5000 GY   0.55
526                           -19.5000 GY   0.65
526                           -22.5000 GY   0.75
526  -240.0001 GY   0.80    3.40
526                           -22.5000 GY   3.45
526                           -19.5000 GY   3.55
526                           -16.5000 GY   3.65
526                           -13.5000 GY   3.75
526                           -10.5000 GY   3.85
526                            -7.5000 GY   3.95
526                            -4.5000 GY   4.04
526                            -1.5000 GY   4.13
545                            -0.3516 GY   0.01
545                            -0.3047 GY   0.02
545                            -0.2578 GY   0.03
545                            -0.2109 GY   0.04
545                            -0.1641 GY   0.06
545                            -0.1172 GY   0.07
545                            -0.0703 GY   0.08
545                            -0.0234 GY   0.09
544                            -1.5000 GY   0.07
544                            -4.5000 GY   0.16
544                            -7.5000 GY   0.25
544                           -10.5000 GY   0.35
544                           -13.5000 GY   0.45
544                           -16.5000 GY   0.55
```

544			-19.5000	GY	0.65		
544			-22.5000	GY	0.75		
544			-19.8516	GY	0.84		
544			-17.5547	GY	0.93		
544			-15.2578	GY	1.02		
544			-12.9609	GY	1.10		
544			-10.6641	GY	1.19		
544			-8.3672	GY	1.28		
544			-6.0703	GY	1.37		
544			-3.7734	GY	1.45		

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON		L	LIN1	LIN2
324				-1.5000	GY	0.07		
324				-4.5000	GY	0.16		
324				-7.5000	GY	0.25		
324				-10.5000	GY	0.35		
324				-13.5000	GY	0.45		
324				-16.5001	GY	0.55		
324				-19.5001	GY	0.65		
324				-22.5001	GY	0.75		
325				-6.0937	GY	0.01		
325				-6.2812	GY	0.04		
325				-6.4687	GY	0.06		
325				-6.6562	GY	0.09		
325				-6.8437	GY	0.11		
325				-7.0312	GY	0.14		
325				-7.2187	GY	0.16		
325				-7.4062	GY	0.19		
325	-300.0003	GY	0.20	1.50				
325				-35.1563	GY	1.56		
325				-30.4688	GY	1.69		
325				-25.7813	GY	1.81		
325				-21.0938	GY	1.94		
325				-16.4063	GY	2.06		
325				-11.7188	GY	2.18		
325				-7.0313	GY	2.31		
325				-2.3438	GY	2.42		
381				-2.3438	GY	0.08		
381				-7.0313	GY	0.19		
381				-11.7188	GY	0.32		
381				-16.4063	GY	0.44		
381				-21.0938	GY	0.56		
381				-25.7813	GY	0.69		
381				-30.4688	GY	0.81		
381				-35.1563	GY	0.94		
381				-35.1563	GY	1.06		
381				-30.4688	GY	1.19		
381				-25.7813	GY	1.31		
381				-21.0938	GY	1.44		
381				-16.4063	GY	1.56		
381				-11.7188	GY	1.68		
381				-7.0313	GY	1.81		

```
381                          -2.3438 GY   1.92
327                          -2.3437 GY   0.08
327                          -7.0312 GY   0.19
327                         -11.7187 GY   0.32
327                         -16.4062 GY   0.44
327                         -21.0937 GY   0.56
327                         -25.7812 GY   0.69
327                         -30.4687 GY   0.81
327                         -35.1562 GY   0.94
327  -300.0000 GY   1.00    2.30
327                         -35.1563 GY   2.36
327                         -30.4688 GY   2.49
327                         -25.7813 GY   2.61
327                         -21.0938 GY   2.74
327                         -16.4063 GY   2.86
327                         -11.7188 GY   2.98
327                          -7.0313 GY   3.11
327                          -2.3438 GY   3.22
373                          -2.3438 GY   0.08
373                          -7.0313 GY   0.19
373                         -11.7188 GY   0.32
373                         -16.4063 GY   0.44
373                         -21.0938 GY   0.56
373                         -25.7813 GY   0.69
373                         -30.4688 GY   0.81
373                         -35.1563 GY   0.94
373                         -35.1562 GY   1.06
373                         -30.4687 GY   1.19
373                         -25.7812 GY   1.31
373                         -21.0937 GY   1.44
373                         -16.4062 GY   1.56
373                         -11.7187 GY   1.68
373                          -7.0312 GY   1.81
373                          -2.3437 GY   1.92
424                          -1.5000 GY   0.07
424                          -4.5000 GY   0.16
424                          -7.5000 GY   0.25
424                         -10.5000 GY   0.35
424                         -13.5000 GY   0.45
424                         -16.5001 GY   0.55
424                         -19.5001 GY   0.65
424                         -22.5001 GY   0.75
425                          -6.0937 GY   0.01
425                          -6.2812 GY   0.04
425                          -6.4687 GY   0.06
425                          -6.6562 GY   0.09
425                          -6.8437 GY   0.11
425                          -7.0312 GY   0.14
425                          -7.2187 GY   0.16
425                          -7.4062 GY   0.19
425  -300.0003 GY   0.20    1.50
425                         -35.1563 GY   1.56
425                         -30.4688 GY   1.69
425                         -25.7813 GY   1.81
425                         -21.0938 GY   1.94
425                         -16.4063 GY   2.06
```

```
425                          -11.7188 GY   2.18
425                           -7.0313 GY   2.31
425                           -2.3438 GY   2.42
481                           -2.3438 GY   0.08
481                           -7.0313 GY   0.19
481                          -11.7188 GY   0.32
481                          -16.4063 GY   0.44
481                          -21.0938 GY   0.56
481                          -25.7813 GY   0.69
481                          -30.4688 GY   0.81
481                          -35.1563 GY   0.94
481                          -35.1563 GY   1.06
481                          -30.4688 GY   1.19
481                          -25.7813 GY   1.31
481                          -21.0938 GY   1.44
481                          -16.4063 GY   1.56
481                          -11.7188 GY   1.68
481                           -7.0313 GY   1.81
481                           -2.3438 GY   1.92
427                           -2.3437 GY   0.08
427                           -7.0312 GY   0.19
427                          -11.7187 GY   0.32
427                          -16.4062 GY   0.44
427                          -21.0937 GY   0.56
427                          -25.7812 GY   0.69
427                          -30.4687 GY   0.81
427                          -35.1562 GY   0.94
427  -300.0000 GY   1.00    2.30
427                          -35.1563 GY   2.36
427                          -30.4688 GY   2.49
427                          -25.7813 GY   2.61
427                          -21.0938 GY   2.74
427                          -16.4063 GY   2.86
427                          -11.7188 GY   2.98
427                           -7.0313 GY   3.11
427                           -2.3438 GY   3.22
473                           -2.3438 GY   0.08
473                           -7.0313 GY   0.19
473                          -11.7188 GY   0.32
473                          -16.4063 GY   0.44
473                          -21.0938 GY   0.56
473                          -25.7813 GY   0.69
473                          -30.4688 GY   0.81
473                          -35.1563 GY   0.94
473                          -35.1562 GY   1.06
473                          -30.4687 GY   1.19
473                          -25.7812 GY   1.31
473                          -21.0937 GY   1.44
473                          -16.4062 GY   1.56
473                          -11.7187 GY   1.68
473                           -7.0312 GY   1.81
473                           -2.3437 GY   1.92
524                           -1.5000 GY   0.07
524                           -4.5000 GY   0.16
524                           -7.5000 GY   0.25
524                          -10.5000 GY   0.35
```

```
524                          -13.5000 GY   0.45
524                          -16.5001 GY   0.55
524                          -19.5001 GY   0.65
524                          -22.5001 GY   0.75
525                           -6.0937 GY   0.01
525                           -6.2812 GY   0.04
525                           -6.4687 GY   0.06
525                           -6.6562 GY   0.09
525                           -6.8437 GY   0.11
525                           -7.0312 GY   0.14
525                           -7.2187 GY   0.16
525                           -7.4062 GY   0.19
525  -300.0003 GY   0.20    1.50
525                          -35.1563 GY   1.56
525                          -30.4688 GY   1.69
525                          -25.7813 GY   1.81
525                          -21.0938 GY   1.94
525                          -16.4063 GY   2.06
525                          -11.7188 GY   2.18
525                           -7.0313 GY   2.31
525                           -2.3438 GY   2.42
581                           -2.3438 GY   0.08
581                           -7.0313 GY   0.19
581                          -11.7188 GY   0.32
581                          -16.4063 GY   0.44
581                          -21.0938 GY   0.56
581                          -25.7813 GY   0.69
581                          -30.4688 GY   0.81
581                          -35.1563 GY   0.94
581                          -35.1563 GY   1.06
581                          -30.4688 GY   1.19
581                          -25.7813 GY   1.31
581                          -21.0938 GY   1.44
581                          -16.4063 GY   1.56
581                          -11.7188 GY   1.68
581                           -7.0313 GY   1.81
581                           -2.3438 GY   1.92
527                           -2.3437 GY   0.08
527                           -7.0312 GY   0.19
527                          -11.7187 GY   0.32
527                          -16.4062 GY   0.44
527                          -21.0937 GY   0.56
527                          -25.7812 GY   0.69
527                          -30.4687 GY   0.81
527                          -35.1562 GY   0.94
527  -300.0000 GY   1.00    2.30
527                          -35.1563 GY   2.36
527                          -30.4688 GY   2.49
527                          -25.7813 GY   2.61
527                          -21.0938 GY   2.74
527                          -16.4063 GY   2.86
527                          -11.7188 GY   2.98
527                           -7.0313 GY   3.11
527                           -2.3438 GY   3.22
573                           -2.3438 GY   0.08
573                           -7.0313 GY   0.19
```

573			-11.7188	GY	0.32
573			-16.4063	GY	0.44
573			-21.0938	GY	0.56
573			-25.7813	GY	0.69
573			-30.4688	GY	0.81
573			-35.1563	GY	0.94
573			-35.1562	GY	1.06
573			-30.4687	GY	1.19
573			-25.7812	GY	1.31
573			-21.0937	GY	1.44
573			-16.4062	GY	1.56
573			-11.7187	GY	1.68
573			-7.0312	GY	1.81
573			-2.3437	GY	1.92
620			-1.5000	GY	0.07
620			-4.5000	GY	0.16
620			-7.5000	GY	0.25
620			-10.5000	GY	0.35
620			-13.5000	GY	0.45
620			-16.5001	GY	0.55
620			-19.5001	GY	0.65
620			-22.5001	GY	0.75
621			-6.0937	GY	0.01
621			-6.2812	GY	0.04
621			-6.4687	GY	0.06
621			-6.6562	GY	0.09
621			-6.8437	GY	0.11
621			-7.0312	GY	0.14
621			-7.2187	GY	0.16
621			-7.4062	GY	0.19
621	-300.0003	GY	0.20	1.50	
621			-35.1563	GY	1.56
621			-30.4688	GY	1.69
621			-25.7813	GY	1.81
621			-21.0938	GY	1.94
621			-16.4063	GY	2.06
621			-11.7188	GY	2.18
621			-7.0313	GY	2.31
621			-2.3438	GY	2.42
668			-2.3438	GY	0.08
668			-7.0313	GY	0.19
668			-11.7188	GY	0.32
668			-16.4063	GY	0.44
668			-21.0938	GY	0.56
668			-25.7813	GY	0.69
668			-30.4688	GY	0.81
668			-35.1563	GY	0.94
668			-35.1563	GY	1.06
668			-30.4688	GY	1.19
668			-25.7813	GY	1.31
668			-21.0938	GY	1.44
668			-16.4063	GY	1.56
668			-11.7188	GY	1.68
668			-7.0313	GY	1.81
668			-2.3438	GY	1.92
623			-2.3437	GY	0.08

623			-7.0312	GY	0.19		
623			-11.7187	GY	0.32		
623			-16.4062	GY	0.44		
623			-21.0937	GY	0.56		
623			-25.7812	GY	0.69		
623			-30.4687	GY	0.81		
623			-35.1562	GY	0.94		
623	-300.0000	GY 1.00	2.30				
623			-35.1563	GY	2.36		
623			-30.4688	GY	2.49		
623			-25.7813	GY	2.61		
623			-21.0938	GY	2.74		
623			-16.4063	GY	2.86		
623			-11.7188	GY	2.98		
623			-7.0313	GY	3.11		
623			-2.3438	GY	3.22		
661			-2.3438	GY	0.08		
661			-7.0313	GY	0.19		
661			-11.7188	GY	0.32		
661			-16.4063	GY	0.44		
661			-21.0938	GY	0.56		
661			-25.7813	GY	0.69		
661			-30.4688	GY	0.81		
661			-35.1563	GY	0.94		
661			-35.1562	GY	1.06		
661			-30.4687	GY	1.19		
661			-25.7812	GY	1.31		
661			-21.0937	GY	1.44		
661			-16.4062	GY	1.56		
661			-11.7187	GY	1.68		
661			-7.0312	GY	1.81		
661			-2.3437	GY	1.92		

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON		L	LIN1	LIN2
328				-1.3184	GY	0.06		
328				-3.9551	GY	0.15		
328				-6.5918	GY	0.24		
328				-9.2285	GY	0.33		
328				-11.8652	GY	0.42		
328				-14.5020	GY	0.52		
328				-17.1387	GY	0.61		
328				-19.7754	GY	0.70		
328	-225.0000	GY 0.75	3.45					
328				-19.7754	GY	3.50		
328				-17.1387	GY	3.59		
328				-14.5019	GY	3.68		
328				-11.8652	GY	3.78		
328				-9.2285	GY	3.87		
328				-6.5918	GY	3.96		
328				-3.9551	GY	4.05		
328				-1.3184	GY	4.14		
359				-1.3184	GY	0.06		

359			-3.9551	GY	0.15
359			-6.5918	GY	0.24
359			-9.2285	GY	0.33
359			-11.8652	GY	0.42
359			-14.5019	GY	0.52
359			-17.1387	GY	0.61
359			-19.7754	GY	0.70
359			-19.7754	GY	0.80
359			-17.1387	GY	0.89
359			-14.5019	GY	0.98
359			-11.8652	GY	1.08
359			-9.2285	GY	1.17
359			-6.5918	GY	1.26
359			-3.9551	GY	1.35
359			-1.3184	GY	1.44
329			-1.3184	GY	0.06
329			-3.9551	GY	0.15
329			-6.5918	GY	0.24
329			-9.2285	GY	0.33
329			-11.8652	GY	0.42
329			-14.5020	GY	0.52
329			-17.1387	GY	0.61
329			-19.7754	GY	0.70
329	-225.0000	GY	0.75	3.45	
329			-19.7754	GY	3.50
329			-17.1387	GY	3.59
329			-14.5019	GY	3.68
329			-11.8652	GY	3.78
329			-9.2285	GY	3.87
329			-6.5918	GY	3.96
329			-3.9551	GY	4.05
329			-1.3184	GY	4.14
347			-1.3184	GY	0.06
347			-3.9551	GY	0.15
347			-6.5918	GY	0.24
347			-9.2285	GY	0.33
347			-11.8652	GY	0.42
347			-14.5020	GY	0.52
347			-17.1387	GY	0.61
347			-19.7754	GY	0.70
347			-19.7754	GY	0.80
347			-17.1387	GY	0.89
347			-14.5020	GY	0.98
347			-11.8652	GY	1.08
347			-9.2285	GY	1.17
347			-6.5918	GY	1.26
347			-3.9551	GY	1.35
347			-1.3184	GY	1.44
428			-1.3184	GY	0.06
428			-3.9551	GY	0.15
428			-6.5918	GY	0.24
428			-9.2285	GY	0.33
428			-11.8652	GY	0.42
428			-14.5020	GY	0.52
428			-17.1387	GY	0.61
428			-19.7754	GY	0.70

```
428  -225.0000 GY   0.75    3.45
428                           -19.7754 GY   3.50
428                           -17.1387 GY   3.59
428                           -14.5019 GY   3.68
428                           -11.8652 GY   3.78
428                            -9.2285 GY   3.87
428                            -6.5918 GY   3.96
428                            -3.9551 GY   4.05
428                            -1.3184 GY   4.14
459                            -1.3184 GY   0.06
459                            -3.9551 GY   0.15
459                            -6.5918 GY   0.24
459                            -9.2285 GY   0.33
459                           -11.8652 GY   0.42
459                           -14.5019 GY   0.52
459                           -17.1387 GY   0.61
459                           -19.7754 GY   0.70
459                           -19.7754 GY   0.80
459                           -17.1387 GY   0.89
459                           -14.5019 GY   0.98
459                           -11.8652 GY   1.08
459                            -9.2285 GY   1.17
459                            -6.5918 GY   1.26
459                            -3.9551 GY   1.35
459                            -1.3184 GY   1.44
429                            -1.3184 GY   0.06
429                            -3.9551 GY   0.15
429                            -6.5918 GY   0.24
429                            -9.2285 GY   0.33
429                           -11.8652 GY   0.42
429                           -14.5020 GY   0.52
429                           -17.1387 GY   0.61
429                           -19.7754 GY   0.70
429  -225.0000 GY   0.75    3.45
429                           -19.7754 GY   3.50
429                           -17.1387 GY   3.59
429                           -14.5019 GY   3.68
429                           -11.8652 GY   3.78
429                            -9.2285 GY   3.87
429                            -6.5918 GY   3.96
429                            -3.9551 GY   4.05
429                            -1.3184 GY   4.14
447                            -1.3184 GY   0.06
447                            -3.9551 GY   0.15
447                            -6.5918 GY   0.24
447                            -9.2285 GY   0.33
447                           -11.8652 GY   0.42
447                           -14.5020 GY   0.52
447                           -17.1387 GY   0.61
447                           -19.7754 GY   0.70
447                           -19.7754 GY   0.80
447                           -17.1387 GY   0.89
447                           -14.5020 GY   0.98
447                           -11.8652 GY   1.08
447                            -9.2285 GY   1.17
447                            -6.5918 GY   1.26
```

```
447                          -3.9551 GY   1.35
447                          -1.3184 GY   1.44
528                          -1.3184 GY   0.06
528                          -3.9551 GY   0.15
528                          -6.5918 GY   0.24
528                          -9.2285 GY   0.33
528                         -11.8652 GY   0.42
528                         -14.5020 GY   0.52
528                         -17.1387 GY   0.61
528                         -19.7754 GY   0.70
528  -225.0000 GY   0.75    3.45
528                         -19.7754 GY   3.50
528                         -17.1387 GY   3.59
528                         -14.5019 GY   3.68
528                         -11.8652 GY   3.78
528                          -9.2285 GY   3.87
528                          -6.5918 GY   3.96
528                          -3.9551 GY   4.05
528                          -1.3184 GY   4.14
559                          -1.3184 GY   0.06
559                          -3.9551 GY   0.15
559                          -6.5918 GY   0.24
559                          -9.2285 GY   0.33
559                         -11.8652 GY   0.42
559                         -14.5019 GY   0.52
559                         -17.1387 GY   0.61
559                         -19.7754 GY   0.70
559                         -19.7754 GY   0.80
559                         -17.1387 GY   0.89
559                         -14.5019 GY   0.98
559                         -11.8652 GY   1.08
559                          -9.2285 GY   1.17
559                          -6.5918 GY   1.26
559                          -3.9551 GY   1.35
559                          -1.3184 GY   1.44
529                          -1.3184 GY   0.06
529                          -3.9551 GY   0.15
529                          -6.5918 GY   0.24
529                          -9.2285 GY   0.33
529                         -11.8652 GY   0.42
529                         -14.5020 GY   0.52
529                         -17.1387 GY   0.61
529                         -19.7754 GY   0.70
529  -225.0000 GY   0.75    3.45
529                         -19.7754 GY   3.50
529                         -17.1387 GY   3.59
529                         -14.5019 GY   3.68
529                         -11.8652 GY   3.78
529                          -9.2285 GY   3.87
529                          -6.5918 GY   3.96
529                          -3.9551 GY   4.05
529                          -1.3184 GY   4.14
547                          -1.3184 GY   0.06
547                          -3.9551 GY   0.15
547                          -6.5918 GY   0.24
547                          -9.2285 GY   0.33
```

```
 547                          -11.8652 GY   0.42
 547                          -14.5020 GY   0.52
 547                          -17.1387 GY   0.61
 547                          -19.7754 GY   0.70
 547                          -19.7754 GY   0.80
 547                          -17.1387 GY   0.89
 547                          -14.5020 GY   0.98
 547                          -11.8652 GY   1.08
 547                           -9.2285 GY   1.17
 547                           -6.5918 GY   1.26
 547                           -3.9551 GY   1.35
 547                           -1.3184 GY   1.44

    SELFWEIGHT  Y   -1.000

   ACTUAL WEIGHT OF THE STRUCTURE =  693328.875 KG


MEMBER LOAD - UNIT KG   METE

MEMBER     UDL      L1     L2      CON       L     LIN1     LIN2

 635  2400.000 X    0.00   4.80  UNIFORM MOMENT
 636  2400.000 X    0.00   4.80  UNIFORM MOMENT
 637  2400.000 X    0.00   2.20  UNIFORM MOMENT
 638  2400.000 X    0.00   1.50  UNIFORM MOMENT
 639  2400.000 X    0.00   0.10  UNIFORM MOMENT
 640  2400.000 X    0.00   4.60  UNIFORM MOMENT
 641  2400.000 X    0.00   2.90  UNIFORM MOMENT
 753  2400.000 X    0.00   3.30  UNIFORM MOMENT
 754  2400.000 X    0.00   1.50  UNIFORM MOMENT
 755  2400.000 X    0.00   1.70  UNIFORM MOMENT
 756  2400.000 X    0.00   3.10  UNIFORM MOMENT
 757  2400.000 X    0.00   2.20  UNIFORM MOMENT
 758  2400.000 X    0.00   1.50  UNIFORM MOMENT
 759  2400.000 X    0.00   1.50  UNIFORM MOMENT
 760  2400.000 X    0.00   3.00  UNIFORM MOMENT
 761  2400.000 X    0.00   0.20  UNIFORM MOMENT
 762  2400.000 X    0.00   2.90  UNIFORM MOMENT
 665 -2400.000 X    0.00   4.80  UNIFORM MOMENT
 666 -2400.000 X    0.00   4.80  UNIFORM MOMENT
 667 -2400.000 X    0.00   3.00  UNIFORM MOMENT
 668 -2400.000 X    0.00   2.00  UNIFORM MOMENT
 669 -2400.000 X    0.00   3.40  UNIFORM MOMENT
 670 -2400.000 X    0.00   2.90  UNIFORM MOMENT
 792 -2400.000 X    0.00   3.30  UNIFORM MOMENT
 793 -2400.000 X    0.00   1.50  UNIFORM MOMENT
 794 -2400.000 X    0.00   1.70  UNIFORM MOMENT
 795 -2400.000 X    0.00   3.10  UNIFORM MOMENT
 796 -2400.000 X    0.00   3.00  UNIFORM MOMENT
 797 -2400.000 X    0.00   2.20  UNIFORM MOMENT
 798 -2400.000 X    0.00   3.00  UNIFORM MOMENT
 799 -2400.000 X    0.00   0.20  UNIFORM MOMENT
 800 -2400.000 X    0.00   2.90  UNIFORM MOMENT
 601 -2400.000 X    0.00   4.20  UNIFORM MOMENT
 602 -2400.000 X    0.00   3.65  UNIFORM MOMENT
```

603	-2400.000	X	0.00	3.65	UNIFORM MOMENT
604	-2400.000	X	0.00	4.20	UNIFORM MOMENT
701	-2400.000	X	0.00	3.30	UNIFORM MOMENT
702	-2400.000	X	0.00	0.90	UNIFORM MOMENT
703	-2400.000	X	0.00	2.20	UNIFORM MOMENT
704	-2400.000	X	0.00	2.90	UNIFORM MOMENT
705	-2400.000	X	0.00	2.20	UNIFORM MOMENT
706	-2400.000	X	0.00	0.90	UNIFORM MOMENT
707	-2400.000	X	0.00	3.30	UNIFORM MOMENT
630	2400.000	X	0.00	4.20	UNIFORM MOMENT
631	2400.000	X	0.00	3.30	UNIFORM MOMENT
632	2400.000	X	0.00	3.70	UNIFORM MOMENT
633	2400.000	X	0.00	1.20	UNIFORM MOMENT
634	2400.000	X	0.00	3.30	UNIFORM MOMENT
747	2400.000	X	0.00	3.30	UNIFORM MOMENT
748	2400.000	X	0.00	0.90	UNIFORM MOMENT
749	2400.000	X	0.00	2.20	UNIFORM MOMENT
750	2400.000	X	0.00	2.90	UNIFORM MOMENT
751	2400.000	X	0.00	3.10	UNIFORM MOMENT
752	2400.000	X	0.00	3.30	UNIFORM MOMENT
803	-400.0000	GY	0.00	7.30	
804	-400.0000	GY	0.00	1.70	
805	-400.0000	GY	0.00	2.50	
808	-400.0000	GY	0.00	8.20	
809	-400.0000	GY	0.00	0.80	
810	-400.0000	GY	0.00	2.50	
813	-400.0000	GY	0.00	2.20	
814	-400.0000	GY	0.00	0.80	
815	-400.0000	GY	0.00	3.00	
816	-400.0000	GY	0.00	3.00	

LOADING 6 LOADTYPE LIVE TITLE LIVE LOAD

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
301				-4.5156 GY	0.14		
301				-13.5469 GY	0.33		
301				-22.5781 GY	0.54		
301				-31.6094 GY	0.75		
301				-40.6406 GY	0.96		
301				-49.6719 GY	1.17		
301				-58.7031 GY	1.38		
301				-67.7344 GY	1.60		
301	-340.0000	GY	1.70	2.50			
301				-67.7344 GY	2.60		
301				-58.7031 GY	2.82		
301				-49.6719 GY	3.03		
301				-40.6406 GY	3.24		
301				-31.6094 GY	3.45		
301				-22.5781 GY	3.66		
301				-13.5469 GY	3.87		

301			-4.5156	GY	4.06
350			-4.0000	GY	0.13
350			-12.0000	GY	0.31
350			-20.0000	GY	0.51
350			-28.0000	GY	0.70
350			-36.0000	GY	0.90
350			-44.0000	GY	1.10
350			-52.0000	GY	1.30
350			-60.0000	GY	1.50
351			-4.0156	GY	0.01
351			-4.0469	GY	0.02
351			-4.0781	GY	0.03
351			-4.1094	GY	0.04
351			-4.1406	GY	0.06
351			-4.1719	GY	0.07
351			-4.2031	GY	0.08
351			-4.2344	GY	0.09
351			-67.7344	GY	0.20
351			-58.7031	GY	0.42
351			-49.6719	GY	0.63
351			-40.6406	GY	0.84
351			-31.6094	GY	1.05
351			-22.5781	GY	1.26
351			-13.5469	GY	1.47
351			-4.5156	GY	1.66
307			-4.5156	GY	0.14
307			-13.5469	GY	0.33
307			-22.5781	GY	0.54
307			-31.6094	GY	0.75
307			-40.6406	GY	0.96
307			-49.6719	GY	1.17
307			-58.7031	GY	1.38
307			-67.7344	GY	1.60
307	-340.0000	GY	1.70		2.50
307			-67.7344	GY	2.60
307			-58.7031	GY	2.82
307			-49.6719	GY	3.03
307			-40.6406	GY	3.24
307			-31.6094	GY	3.45
307			-22.5781	GY	3.66
307			-13.5469	GY	3.87
307			-4.5156	GY	4.06
340			-4.5156	GY	0.14
340			-13.5469	GY	0.33
340			-22.5781	GY	0.54
340			-31.6094	GY	0.75
340			-40.6406	GY	0.96
340			-49.6719	GY	1.17
340			-58.7031	GY	1.38
340			-67.7344	GY	1.60
340			-67.7344	GY	1.80
340			-58.7031	GY	2.02
340			-49.6719	GY	2.23
340			-40.6406	GY	2.44
340			-31.6094	GY	2.65
340			-22.5781	GY	2.86

```
340                          -13.5469 GY   3.07
340                           -4.5156 GY   3.26
302                           -1.0000 GY   0.07
302                           -3.0000 GY   0.16
302                           -5.0000 GY   0.25
302                           -7.0000 GY   0.35
302                           -9.0000 GY   0.45
302                          -11.0000 GY   0.55
302                          -13.0000 GY   0.65
302                          -15.0000 GY   0.75
302  -160.0000 GY   0.80    2.85
302                          -15.0000 GY   2.90
302                          -13.0000 GY   3.00
302                          -11.0000 GY   3.10
302                           -9.0000 GY   3.20
302                           -7.0000 GY   3.30
302                           -5.0000 GY   3.40
302                           -3.0000 GY   3.49
302                           -1.0000 GY   3.58
362                           -1.0000 GY   0.07
362                           -3.0000 GY   0.16
362                           -5.0000 GY   0.25
362                           -7.0000 GY   0.35
362                           -9.0000 GY   0.45
362                          -11.0000 GY   0.55
362                          -13.0000 GY   0.65
362                          -15.0000 GY   0.75
362                          -15.0000 GY   0.85
362                          -13.0000 GY   0.95
362                          -11.0000 GY   1.05
362                           -9.0000 GY   1.15
362                           -7.0000 GY   1.25
362                           -5.0000 GY   1.35
362                           -3.0000 GY   1.44
362                           -1.0000 GY   1.53
305                           -1.0000 GY   0.07
305                           -3.0000 GY   0.16
305                           -5.0000 GY   0.25
305                           -7.0000 GY   0.35
305                           -9.0000 GY   0.45
305                          -11.0000 GY   0.55
305                          -13.0000 GY   0.65
305                          -15.0000 GY   0.75
305  -160.0000 GY   0.80    2.85
305                          -15.0000 GY   2.90
305                          -13.0000 GY   3.00
305                          -11.0000 GY   3.10
305                           -9.0000 GY   3.20
305                           -7.0000 GY   3.30
305                           -5.0000 GY   3.40
305                           -3.0000 GY   3.49
305                           -1.0000 GY   3.58
350                           -1.0000 GY   0.07
350                           -3.0000 GY   0.16
350                           -5.0000 GY   0.25
350                           -7.0000 GY   0.35
```

```
350                          -9.0000 GY   0.45
350                         -11.0000 GY   0.55
350                         -13.0000 GY   0.65
350                         -15.0000 GY   0.75
350                         -15.0000 GY   0.85
350                         -13.0000 GY   0.95
350                         -11.0000 GY   1.05
350                          -9.0000 GY   1.15
350                          -7.0000 GY   1.25
350                          -5.0000 GY   1.35
350                          -3.0000 GY   1.44
350                          -1.0000 GY   1.53
303                          -1.0000 GY   0.07
303                          -3.0000 GY   0.16
303                          -5.0000 GY   0.25
303                          -7.0000 GY   0.35
303                          -9.0000 GY   0.45
303                         -11.0000 GY   0.55
303                         -13.0000 GY   0.65
303                         -15.0000 GY   0.75
303  -160.0000 GY   0.80    2.85
303                         -15.0000 GY   2.90
303                         -13.0000 GY   3.00
303                         -11.0000 GY   3.10
303                          -9.0000 GY   3.20
303                          -7.0000 GY   3.30
303                          -5.0000 GY   3.40
303                          -3.0000 GY   3.49
303                          -1.0000 GY   3.58
367                          -1.0000 GY   0.07
367                          -3.0000 GY   0.16
367                          -5.0000 GY   0.25
367                          -7.0000 GY   0.35
367                          -9.0000 GY   0.45
367                         -11.0000 GY   0.55
367                         -13.0000 GY   0.65
367                         -15.0000 GY   0.75
367                         -15.0000 GY   0.85
367                         -13.0000 GY   0.95
367                         -11.0000 GY   1.05
367                          -9.0000 GY   1.15
367                          -7.0000 GY   1.25
367                          -5.0000 GY   1.35
367                          -3.0000 GY   1.44
367                          -1.0000 GY   1.53
306                          -1.0000 GY   0.07
306                          -3.0000 GY   0.16
306                          -5.0000 GY   0.25
306                          -7.0000 GY   0.35
306                          -9.0000 GY   0.45
306                         -11.0000 GY   0.55
306                         -13.0000 GY   0.65
306                         -15.0000 GY   0.75
306  -160.0000 GY   0.80    2.85
306                         -15.0000 GY   2.90
306                         -13.0000 GY   3.00
```

306			-11.0000	GY	3.10
306			-9.0000	GY	3.20
306			-7.0000	GY	3.30
306			-5.0000	GY	3.40
306			-3.0000	GY	3.49
306			-1.0000	GY	3.58
362			-1.0000	GY	0.07
362			-3.0000	GY	0.16
362			-5.0000	GY	0.25
362			-7.0000	GY	0.35
362			-9.0000	GY	0.45
362			-11.0000	GY	0.55
362			-13.0000	GY	0.65
362			-15.0000	GY	0.75
362			-15.0000	GY	0.85
362			-13.0000	GY	0.95
362			-11.0000	GY	1.05
362			-9.0000	GY	1.15
362			-7.0000	GY	1.25
362			-5.0000	GY	1.35
362			-3.0000	GY	1.44
362			-1.0000	GY	1.53
304			-4.5156	GY	0.14
304			-13.5469	GY	0.33
304			-22.5781	GY	0.54
304			-31.6094	GY	0.75
304			-40.6406	GY	0.96
304			-49.6719	GY	1.17
304			-58.7031	GY	1.38
304			-67.7344	GY	1.60
304	-339.9999	GY 1.70	2.50		
304			-67.7343	GY	2.60
304			-58.7031	GY	2.82
304			-49.6718	GY	3.03
304			-40.6406	GY	3.24
304			-31.6094	GY	3.45
304			-22.5781	GY	3.66
304			-13.5469	GY	3.87
304			-4.5156	GY	4.06
377			-4.5156	GY	0.14
377			-13.5469	GY	0.33
377			-22.5781	GY	0.54
377			-31.6094	GY	0.75
377			-40.6406	GY	0.96
377			-49.6719	GY	1.17
377			-58.7031	GY	1.38
377			-67.7344	GY	1.60
377			-67.7344	GY	1.80
377			-58.7031	GY	2.02
377			-49.6719	GY	2.23
377			-40.6406	GY	2.44
377			-31.6094	GY	2.65
377			-22.5781	GY	2.86
377			-13.5469	GY	3.07
377			-4.5156	GY	3.26
308			-4.5156	GY	0.14

308			-13.5469	GY	0.33
308			-22.5781	GY	0.54
308			-31.6094	GY	0.75
308			-40.6407	GY	0.96
308			-49.6719	GY	1.17
308			-58.7032	GY	1.38
308			-67.7344	GY	1.60
308	-340.0001	GY 1.70	2.50		
308			-67.7344	GY	2.60
308			-58.7031	GY	2.82
308			-49.6719	GY	3.03
308			-40.6406	GY	3.24
308			-31.6094	GY	3.45
308			-22.5781	GY	3.66
308			-13.5469	GY	3.87
308			-4.5156	GY	4.06
368			-4.0156	GY	0.01
368			-4.0469	GY	0.02
368			-4.0781	GY	0.03
368			-4.1094	GY	0.04
368			-4.1406	GY	0.06
368			-4.1719	GY	0.07
368			-4.2031	GY	0.08
368			-4.2344	GY	0.09
368			-67.7344	GY	0.20
368			-58.7032	GY	0.42
368			-49.6719	GY	0.63
368			-40.6407	GY	0.84
368			-31.6094	GY	1.05
368			-22.5781	GY	1.26
368			-13.5469	GY	1.47
368			-4.5156	GY	1.66
367			-4.0000	GY	0.13
367			-12.0000	GY	0.31
367			-20.0000	GY	0.51
367			-28.0000	GY	0.70
367			-36.0000	GY	0.90
367			-44.0000	GY	1.10
367			-52.0000	GY	1.30
367			-60.0001	GY	1.50
305			-5.2041	GY	0.15
305			-15.6123	GY	0.35
305			-26.0205	GY	0.58
305			-36.4287	GY	0.80
305			-46.8369	GY	1.03
305			-57.2451	GY	1.26
305			-67.6533	GY	1.49
305			-78.0615	GY	1.71
305			-78.0615	GY	1.94
305			-67.6533	GY	2.16
305			-57.2451	GY	2.39
305			-46.8369	GY	2.62
305			-36.4287	GY	2.85
305			-26.0205	GY	3.07
305			-15.6123	GY	3.30
305			-5.2041	GY	3.50

```
363                          -5.2041 GY   0.15
363                         -15.6123 GY   0.35
363                         -26.0205 GY   0.58
363                         -36.4287 GY   0.80
363                         -46.8369 GY   1.03
363                         -57.2451 GY   1.26
363                         -67.6533 GY   1.49
363                         -78.0615 GY   1.71
363  -365.0000 GY   1.83    2.08
363                         -78.0615 GY   2.19
363                         -67.6533 GY   2.41
363                         -57.2451 GY   2.64
363                         -46.8369 GY   2.87
363                         -36.4287 GY   3.10
363                         -26.0205 GY   3.32
363                         -15.6123 GY   3.55
363                          -5.2041 GY   3.75
311                          -5.2041 GY   0.15
311                         -15.6123 GY   0.35
311                         -26.0205 GY   0.58
311                         -36.4287 GY   0.80
311                         -46.8369 GY   1.03
311                         -57.2451 GY   1.26
311                         -67.6533 GY   1.49
311                         -78.0615 GY   1.71
311                         -78.0615 GY   1.94
311                         -67.6533 GY   2.16
311                         -57.2451 GY   2.39
311                         -46.8369 GY   2.62
311                         -36.4287 GY   2.85
311                         -26.0205 GY   3.07
311                         -15.6123 GY   3.30
311                          -5.2041 GY   3.50
353                         -11.4844 GY   0.04
353                          -9.9531 GY   0.13
353                          -8.4219 GY   0.22
353                          -6.8906 GY   0.30
353                          -5.3594 GY   0.39
353                          -3.8281 GY   0.48
353                          -2.2969 GY   0.56
353                          -0.7656 GY   0.64
352                          -1.1260 GY   0.00
352                          -1.1279 GY   0.00
352                          -1.1299 GY   0.01
352                          -1.1318 GY   0.01
352                          -1.1338 GY   0.01
352                          -1.1357 GY   0.02
352                          -1.1377 GY   0.02
352                          -1.1397 GY   0.02
352  -365.0000 GY   0.03    0.28
352                         -49.3506 GY   0.34
352                         -45.3955 GY   0.48
352                         -41.4404 GY   0.63
352                         -37.4853 GY   0.77
352                         -33.5303 GY   0.91
352                         -29.5752 GY   1.05
```

352			-25.6201 GY	1.19	
352			-21.6650 GY	1.33	
351			-5.0625 GY	0.15	
351			-15.1875 GY	0.35	
351			-25.3125 GY	0.57	
351			-35.4375 GY	0.79	
351			-45.5625 GY	1.02	
351			-55.6875 GY	1.24	
351			-65.8125 GY	1.47	
351			-75.9375 GY	1.69	
306			-5.2041 GY	0.15	
306			-15.6123 GY	0.35	
306			-26.0205 GY	0.58	
306			-36.4287 GY	0.80	
306			-46.8369 GY	1.03	
306			-57.2451 GY	1.26	
306			-67.6533 GY	1.49	
306			-78.0615 GY	1.71	
306			-78.0615 GY	1.94	
306			-67.6533 GY	2.16	
306			-57.2451 GY	2.39	
306			-46.8369 GY	2.62	
306			-36.4287 GY	2.85	
306			-26.0205 GY	3.07	
306			-15.6123 GY	3.30	
306			-5.2041 GY	3.50	
368			-5.0625 GY	0.15	
368			-15.1875 GY	0.35	
368			-25.3125 GY	0.57	
368			-35.4375 GY	0.79	
368			-45.5625 GY	1.02	
368			-55.6875 GY	1.24	
368			-65.8125 GY	1.47	
368			-75.9375 GY	1.69	
369			-1.1260 GY	0.00	
369			-1.1279 GY	0.00	
369			-1.1299 GY	0.01	
369			-1.1318 GY	0.01	
369			-1.1338 GY	0.01	
369			-1.1357 GY	0.02	
369			-1.1377 GY	0.02	
369			-1.1396 GY	0.02	
369	-365.0000 GY	0.02	0.27		
369			-49.3506 GY	0.34	
369			-45.3955 GY	0.48	
369			-41.4404 GY	0.63	
369			-37.4854 GY	0.77	
369			-33.5303 GY	0.91	
369			-29.5752 GY	1.05	
369			-25.6201 GY	1.19	
369			-21.6650 GY	1.33	
370			-11.4844 GY	0.04	
370			-9.9531 GY	0.13	
370			-8.4219 GY	0.22	
370			-6.8906 GY	0.30	
370			-5.3594 GY	0.39	

370			-3.8281	GY	0.48
370			-2.2969	GY	0.56
370			-0.7656	GY	0.64
312			-5.2041	GY	0.15
312			-15.6123	GY	0.35
312			-26.0205	GY	0.58
312			-36.4287	GY	0.80
312			-46.8369	GY	1.03
312			-57.2451	GY	1.26
312			-67.6533	GY	1.49
312			-78.0616	GY	1.71
312			-78.0615	GY	1.94
312			-67.6533	GY	2.16
312			-57.2451	GY	2.39
312			-46.8369	GY	2.62
312			-36.4287	GY	2.85
312			-26.0205	GY	3.07
312			-15.6123	GY	3.30
312			-5.2041	GY	3.50
363			-5.2041	GY	0.15
363			-15.6123	GY	0.35
363			-26.0205	GY	0.58
363			-36.4287	GY	0.80
363			-46.8369	GY	1.03
363			-57.2451	GY	1.26
363			-67.6533	GY	1.49
363			-78.0615	GY	1.71
363	-365.0001	GY	1.82	2.07	
363			-78.0615	GY	2.19
363			-67.6533	GY	2.41
363			-57.2451	GY	2.64
363			-46.8369	GY	2.87
363			-36.4287	GY	3.10
363			-26.0205	GY	3.32
363			-15.6123	GY	3.55
363			-5.2041	GY	3.75
307			-0.7656	GY	0.06
307			-2.2969	GY	0.14
307			-3.8281	GY	0.22
307			-5.3594	GY	0.31
307			-6.8906	GY	0.40
307			-8.4219	GY	0.48
307			-9.9531	GY	0.57
307			-11.4844	GY	0.66
307	-140.0001	GY	0.70	3.50	
307			-11.4844	GY	3.54
307			-9.9531	GY	3.63
307			-8.4219	GY	3.72
307			-6.8906	GY	3.80
307			-5.3594	GY	3.89
307			-3.8281	GY	3.98
307			-2.2969	GY	4.06
307			-0.7656	GY	4.14
352			-0.7656	GY	0.06
352			-2.2969	GY	0.14
352			-3.8281	GY	0.22

352			-5.3594	GY	0.31
352			-6.8906	GY	0.40
352			-8.4219	GY	0.48
352			-9.9531	GY	0.57
352			-11.4844	GY	0.66
352			-11.4844	GY	0.74
352			-9.9531	GY	0.83
352			-8.4219	GY	0.92
352			-6.8906	GY	1.00
352			-5.3594	GY	1.09
352			-3.8281	GY	1.18
352			-2.2969	GY	1.26
352			-0.7656	GY	1.34
309			-0.7656	GY	0.06
309			-2.2969	GY	0.14
309			-3.8281	GY	0.22
309			-5.3594	GY	0.31
309			-6.8906	GY	0.40
309			-8.4219	GY	0.48
309			-9.9531	GY	0.57
309			-11.4844	GY	0.66
309	-140.0000	GY	0.70	3.50	
309			-11.4844	GY	3.54
309			-9.9531	GY	3.63
309			-8.4219	GY	3.72
309			-6.8906	GY	3.80
309			-5.3594	GY	3.89
309			-3.8281	GY	3.98
309			-2.2969	GY	4.06
309			-0.7656	GY	4.14
341			-0.7656	GY	0.06
341			-2.2969	GY	0.14
341			-3.8281	GY	0.22
341			-5.3594	GY	0.31
341			-6.8906	GY	0.40
341			-8.4219	GY	0.48
341			-9.9531	GY	0.57
341			-11.4844	GY	0.66
341			-11.4844	GY	0.74
341			-9.9531	GY	0.83
341			-8.4219	GY	0.92
341			-6.8906	GY	1.00
341			-5.3594	GY	1.09
341			-3.8281	GY	1.18
341			-2.2969	GY	1.26
341			-0.7656	GY	1.34
308			-0.7656	GY	0.06
308			-2.2969	GY	0.14
308			-3.8281	GY	0.22
308			-5.3594	GY	0.31
308			-6.8906	GY	0.40
308			-8.4219	GY	0.48
308			-9.9531	GY	0.57
308			-11.4844	GY	0.66
308	-140.0000	GY	0.70	3.50	
308			-11.4844	GY	3.54

308			-9.9531	GY	3.63
308			-8.4219	GY	3.72
308			-6.8906	GY	3.80
308			-5.3594	GY	3.89
308			-3.8281	GY	3.98
308			-2.2969	GY	4.06
308			-0.7656	GY	4.14
378			-0.7656	GY	0.06
378			-2.2969	GY	0.14
378			-3.8281	GY	0.22
378			-5.3594	GY	0.31
378			-6.8906	GY	0.40
378			-8.4219	GY	0.48
378			-9.9531	GY	0.57
378			-11.4844	GY	0.66
378			-11.4844	GY	0.74
378			-9.9531	GY	0.83
378			-8.4219	GY	0.92
378			-6.8906	GY	1.00
378			-5.3594	GY	1.09
378			-3.8281	GY	1.18
378			-2.2969	GY	1.26
378			-0.7656	GY	1.34
310			-0.7656	GY	0.06
310			-2.2969	GY	0.14
310			-3.8281	GY	0.22
310			-5.3594	GY	0.31
310			-6.8906	GY	0.40
310			-8.4219	GY	0.48
310			-9.9531	GY	0.57
310			-11.4844	GY	0.66
310	-140.0001	GY	0.70	3.50	
310			-11.4844	GY	3.54
310			-9.9531	GY	3.63
310			-8.4219	GY	3.72
310			-6.8906	GY	3.80
310			-5.3594	GY	3.89
310			-3.8281	GY	3.98
310			-2.2969	GY	4.06
310			-0.7656	GY	4.14
369			-0.7656	GY	0.06
369			-2.2969	GY	0.14
369			-3.8281	GY	0.22
369			-5.3594	GY	0.31
369			-6.8906	GY	0.40
369			-8.4219	GY	0.48
369			-9.9531	GY	0.57
369			-11.4844	GY	0.66
369			-11.4844	GY	0.74
369			-9.9531	GY	0.83
369			-8.4219	GY	0.92
369			-6.8906	GY	1.00
369			-5.3594	GY	1.09
369			-3.8281	GY	1.18
369			-2.2969	GY	1.26
369			-0.7656	GY	1.34

309			-6.8906	GY	0.18
309			-20.6719	GY	0.41
309			-34.4531	GY	0.67
309			-48.2344	GY	0.93
309			-62.0156	GY	1.19
309			-75.7969	GY	1.45
309			-89.5781	GY	1.71
309			-103.3594	GY	1.97
309			-103.3594	GY	2.23
309			-89.5781	GY	2.49
309			-75.7969	GY	2.75
309			-62.0156	GY	3.01
309			-48.2344	GY	3.28
309			-34.4531	GY	3.54
309			-20.6719	GY	3.79
309			-6.8906	GY	4.03
353			-0.7656	GY	0.06
353			-2.2969	GY	0.14
353			-3.8281	GY	0.22
353			-5.3594	GY	0.31
353			-6.8906	GY	0.40
353			-8.4219	GY	0.48
353			-9.9531	GY	0.57
353			-11.4844	GY	0.66
354			-27.5625	GY	0.09
354			-33.6875	GY	0.27
354			-39.8125	GY	0.44
354			-45.9375	GY	0.61
354			-52.0625	GY	0.79
354			-58.1875	GY	0.96
354			-64.3125	GY	1.14
354			-70.4375	GY	1.31
354	-420.0001	GY	1.40	2.00	
354			-103.3594	GY	2.13
354			-89.5781	GY	2.39
354			-75.7969	GY	2.65
354			-62.0156	GY	2.91
354			-48.2344	GY	3.17
354			-34.4531	GY	3.43
354			-20.6719	GY	3.69
354			-6.8906	GY	3.92
314			-13.6406	GY	0.02
314			-13.9219	GY	0.06
314			-14.2031	GY	0.09
314			-14.4844	GY	0.13
314			-14.7656	GY	0.17
314			-15.0469	GY	0.21
314			-15.3281	GY	0.24
314			-15.6094	GY	0.28
314			-103.3594	GY	0.43
314			-89.5781	GY	0.69
314			-75.7969	GY	0.95
314			-62.0156	GY	1.21
314			-48.2344	GY	1.48
314			-34.4531	GY	1.74
314			-20.6719	GY	1.99

314			-6.8906	GY	2.23
313			-5.0625	GY	0.15
313			-15.1875	GY	0.35
313			-25.3125	GY	0.57
313			-35.4375	GY	0.79
313			-45.5625	GY	1.02
313			-55.6875	GY	1.24
313			-65.8125	GY	1.47
313			-75.9375	GY	1.69
342			-6.8906	GY	0.17
342			-20.6719	GY	0.41
342			-34.4531	GY	0.66
342			-48.2344	GY	0.92
342			-62.0156	GY	1.19
342			-75.7969	GY	1.45
342			-89.5781	GY	1.71
342			-103.3594	GY	1.97
342	-420.0001	GY	2.10	2.70	
342			-103.3594	GY	2.83
342			-89.5781	GY	3.09
342			-75.7969	GY	3.35
342			-62.0156	GY	3.61
342			-48.2344	GY	3.87
342			-34.4531	GY	4.14
342			-20.6719	GY	4.39
342			-6.8906	GY	4.62
310			-6.8906	GY	0.18
310			-20.6719	GY	0.41
310			-34.4531	GY	0.67
310			-48.2344	GY	0.93
310			-62.0156	GY	1.19
310			-75.7969	GY	1.45
310			-89.5781	GY	1.71
310			-103.3594	GY	1.97
310			-103.3593	GY	2.23
310			-89.5781	GY	2.49
310			-75.7968	GY	2.75
310			-62.0156	GY	3.01
310			-48.2343	GY	3.27
310			-34.4531	GY	3.53
310			-20.6719	GY	3.79
310			-6.8906	GY	4.02
379			-6.8906	GY	0.17
379			-20.6719	GY	0.41
379			-34.4531	GY	0.66
379			-48.2343	GY	0.92
379			-62.0156	GY	1.19
379			-75.7968	GY	1.45
379			-89.5781	GY	1.71
379			-103.3593	GY	1.97
379	-419.9999	GY	2.10	2.70	
379			-103.3594	GY	2.83
379			-89.5781	GY	3.09
379			-75.7969	GY	3.35
379			-62.0156	GY	3.61
379			-48.2344	GY	3.87

379			-34.4531	GY	4.14	
379			-20.6719	GY	4.39	
379			-6.8906	GY	4.62	
318			-17.2500	GY	0.03	
318			-17.7500	GY	0.08	
318			-18.2500	GY	0.13	
318			-18.7500	GY	0.18	
318			-19.2500	GY	0.23	
318			-19.7500	GY	0.28	
318			-20.2500	GY	0.33	
318			-20.7500	GY	0.38	
318			-103.3594	GY	0.53	
318			-89.5781	GY	0.79	
318			-75.7969	GY	1.05	
318			-62.0156	GY	1.31	
318			-48.2344	GY	1.57	
318			-34.4531	GY	1.83	
318			-20.6719	GY	2.09	
318			-6.8906	GY	2.32	
317			-4.5156	GY	0.14	
317			-13.5469	GY	0.33	
317			-22.5781	GY	0.54	
317			-31.6094	GY	0.75	
317			-40.6406	GY	0.96	
317			-49.6719	GY	1.17	
317			-58.7032	GY	1.38	
317			-67.7344	GY	1.60	
371			-27.5625	GY	0.09	
371			-33.6875	GY	0.27	
371			-39.8125	GY	0.44	
371			-45.9375	GY	0.61	
371			-52.0625	GY	0.79	
371			-58.1875	GY	0.96	
371			-64.3125	GY	1.14	
371			-70.4375	GY	1.31	
371	-420.0001	GY	1.40	2.00		
371			-103.3594	GY	2.13	
371			-89.5781	GY	2.39	
371			-75.7969	GY	2.65	
371			-62.0156	GY	2.91	
371			-48.2344	GY	3.17	
371			-34.4531	GY	3.43	
371			-20.6719	GY	3.69	
371			-6.8906	GY	3.92	
370			-0.7656	GY	0.06	
370			-2.2969	GY	0.14	
370			-3.8281	GY	0.22	
370			-5.3594	GY	0.31	
370			-6.8906	GY	0.40	
370			-8.4219	GY	0.48	
370			-9.9531	GY	0.57	
370			-11.4844	GY	0.66	
311			-5.2041	GY	0.15	
311			-15.6123	GY	0.35	
311			-26.0205	GY	0.58	
311			-36.4287	GY	0.80	

```
311                          -46.8369 GY   1.03
311                          -57.2451 GY   1.26
311                          -67.6533 GY   1.49
311                          -78.0615 GY   1.71
311                          -78.0615 GY   1.94
311                          -67.6533 GY   2.16
311                          -57.2451 GY   2.39
311                          -46.8369 GY   2.62
311                          -36.4287 GY   2.85
311                          -26.0205 GY   3.07
311                          -15.6123 GY   3.30
311                           -5.2041 GY   3.50
364                           -5.2041 GY   0.15
364                          -15.6123 GY   0.35
364                          -26.0205 GY   0.58
364                          -36.4287 GY   0.80
364                          -46.8369 GY   1.03
364                          -57.2451 GY   1.26
364                          -67.6533 GY   1.49
364                          -78.0615 GY   1.71
364  -364.9999 GY   1.82    2.28
364                          -78.0615 GY   2.39
364                          -67.6533 GY   2.61
364                          -57.2451 GY   2.84
364                          -46.8369 GY   3.07
364                          -36.4287 GY   3.30
364                          -26.0205 GY   3.52
364                          -15.6123 GY   3.75
364                           -5.2041 GY   3.95
315                           -5.2041 GY   0.15
315                          -15.6123 GY   0.35
315                          -26.0205 GY   0.58
315                          -36.4287 GY   0.80
315                          -46.8369 GY   1.03
315                          -57.2451 GY   1.26
315                          -67.6533 GY   1.49
315                          -78.0615 GY   1.71
315                          -78.0615 GY   1.94
315                          -67.6533 GY   2.16
315                          -57.2451 GY   2.39
315                          -46.8369 GY   2.62
315                          -36.4287 GY   2.85
315                          -26.0205 GY   3.07
315                          -15.6123 GY   3.30
315                           -5.2041 GY   3.50
354                           -5.2041 GY   0.15
354                          -15.6123 GY   0.35
354                          -26.0205 GY   0.58
354                          -36.4287 GY   0.80
354                          -46.8369 GY   1.03
354                          -57.2451 GY   1.26
354                          -67.6533 GY   1.49
354                          -78.0615 GY   1.71
354  -365.0001 GY   1.82    2.28
354                          -78.0615 GY   2.39
354                          -67.6533 GY   2.61
```

354			-57.2451 GY	2.84	
354			-46.8369 GY	3.07	
354			-36.4287 GY	3.30	
354			-26.0205 GY	3.52	
354			-15.6123 GY	3.75	
354			-5.2041 GY	3.95	
312			-5.2041 GY	0.15	
312			-15.6123 GY	0.35	
312			-26.0205 GY	0.58	
312			-36.4287 GY	0.80	
312			-46.8369 GY	1.03	
312			-57.2451 GY	1.26	
312			-67.6533 GY	1.49	
312			-78.0615 GY	1.71	
312			-78.0616 GY	1.94	
312			-67.6534 GY	2.16	
312			-57.2451 GY	2.39	
312			-46.8369 GY	2.62	
312			-36.4287 GY	2.85	
312			-26.0205 GY	3.07	
312			-15.6123 GY	3.30	
312			-5.2041 GY	3.50	
371			-5.2041 GY	0.15	
371			-15.6123 GY	0.35	
371			-26.0205 GY	0.58	
371			-36.4287 GY	0.80	
371			-46.8369 GY	1.03	
371			-57.2451 GY	1.26	
371			-67.6533 GY	1.49	
371			-78.0615 GY	1.71	
371	-365.0002 GY	1.82	2.28		
371			-78.0615 GY	2.39	
371			-67.6533 GY	2.61	
371			-57.2451 GY	2.84	
371			-46.8369 GY	3.07	
371			-36.4287 GY	3.30	
371			-26.0205 GY	3.52	
371			-15.6123 GY	3.75	
371			-5.2041 GY	3.95	
316			-5.2041 GY	0.15	
316			-15.6123 GY	0.35	
316			-26.0205 GY	0.58	
316			-36.4287 GY	0.80	
316			-46.8369 GY	1.03	
316			-57.2451 GY	1.26	
316			-67.6533 GY	1.49	
316			-78.0615 GY	1.71	
316			-78.0615 GY	1.94	
316			-67.6533 GY	2.16	
316			-57.2451 GY	2.39	
316			-46.8369 GY	2.62	
316			-36.4287 GY	2.85	
316			-26.0205 GY	3.07	
316			-15.6123 GY	3.30	
316			-5.2041 GY	3.50	
364			-5.2041 GY	0.15	

```
364                          -15.6123 GY   0.35
364                          -26.0205 GY   0.58
364                          -36.4287 GY   0.80
364                          -46.8369 GY   1.03
364                          -57.2451 GY   1.26
364                          -67.6533 GY   1.49
364                          -78.0615 GY   1.71
364  -364.9999 GY   1.82    2.28
364                          -78.0615 GY   2.39
364                          -67.6533 GY   2.61
364                          -57.2451 GY   2.84
364                          -46.8369 GY   3.07
364                          -36.4287 GY   3.30
364                          -26.0205 GY   3.52
364                          -15.6123 GY   3.75
364                           -5.2041 GY   3.95
313                           -1.2656 GY   0.08
313                           -3.7969 GY   0.17
313                           -6.3281 GY   0.28
313                           -8.8594 GY   0.40
313                          -11.3906 GY   0.51
313                          -13.9219 GY   0.62
313                          -16.4531 GY   0.73
313                          -18.9844 GY   0.84
313                          -18.9844 GY   0.95
313                          -16.4531 GY   1.07
313                          -13.9219 GY   1.18
313                          -11.3906 GY   1.29
313                           -8.8594 GY   1.40
313                           -6.3281 GY   1.51
313                           -3.7969 GY   1.62
313                           -1.2656 GY   1.72
349                           -1.2656 GY   0.08
349                           -3.7969 GY   0.18
349                           -6.3281 GY   0.29
349                           -8.8594 GY   0.40
349                          -11.3906 GY   0.51
349                          -13.9219 GY   0.62
349                          -16.4531 GY   0.73
349                          -18.9844 GY   0.85
349  -180.0000 GY   0.90    1.30
349                          -18.9844 GY   1.36
349                          -16.4531 GY   1.47
349                          -13.9219 GY   1.58
349                          -11.3906 GY   1.69
349                           -8.8594 GY   1.80
349                           -6.3281 GY   1.91
349                           -3.7969 GY   2.02
349                           -1.2656 GY   2.12
319                           -1.2656 GY   0.08
319                           -3.7969 GY   0.17
319                           -6.3281 GY   0.28
319                           -8.8594 GY   0.40
319                          -11.3906 GY   0.51
319                          -13.9219 GY   0.62
319                          -16.4531 GY   0.73
```

319			-18.9844	GY	0.84
319			-18.9844	GY	0.95
319			-16.4531	GY	1.07
319			-13.9219	GY	1.18
319			-11.3906	GY	1.29
319			-8.8594	GY	1.40
319			-6.3281	GY	1.51
319			-3.7969	GY	1.62
319			-1.2656	GY	1.72
343			-1.2656	GY	0.08
343			-3.7969	GY	0.18
343			-6.3281	GY	0.29
343			-8.8594	GY	0.40
343			-11.3906	GY	0.51
343			-13.9219	GY	0.62
343			-16.4531	GY	0.73
343			-18.9844	GY	0.85
343	-180.0000	GY 0.90	1.30		
343			-18.9844	GY	1.36
343			-16.4531	GY	1.47
343			-13.9219	GY	1.58
343			-11.3906	GY	1.69
343			-8.8594	GY	1.80
343			-6.3281	GY	1.91
343			-3.7969	GY	2.02
343			-1.2656	GY	2.12
314			-1.8906	GY	0.09
314			-5.6719	GY	0.21
314			-9.4531	GY	0.35
314			-13.2344	GY	0.48
314			-17.0156	GY	0.62
314			-20.7969	GY	0.76
314			-24.5781	GY	0.90
314			-28.3594	GY	1.03
314	-220.0001	GY 1.10	1.30		
314			-28.3594	GY	1.37
314			-24.5781	GY	1.50
314			-20.7969	GY	1.64
314			-17.0156	GY	1.78
314			-13.2344	GY	1.92
314			-9.4531	GY	2.05
314			-5.6719	GY	2.19
314			-1.8906	GY	2.31
355			-1.8906	GY	0.09
355			-5.6719	GY	0.21
355			-9.4531	GY	0.35
355			-13.2344	GY	0.48
355			-17.0156	GY	0.62
355			-20.7969	GY	0.76
355			-24.5781	GY	0.90
355			-28.3594	GY	1.03
355			-28.3594	GY	1.17
355			-24.5781	GY	1.30
355			-20.7969	GY	1.44
355			-17.0156	GY	1.58
355			-13.2344	GY	1.72

355			-9.4531	GY	1.85
355			-5.6719	GY	1.99
355			-1.8906	GY	2.11
320			-1.8906	GY	0.09
320			-5.6719	GY	0.21
320			-9.4531	GY	0.35
320			-13.2344	GY	0.48
320			-17.0156	GY	0.62
320			-20.7969	GY	0.76
320			-24.5781	GY	0.90
320			-28.3594	GY	1.03
320	-219.9999	GY 1.10	1.30		
320			-28.3593	GY	1.37
320			-24.5781	GY	1.50
320			-20.7969	GY	1.64
320			-17.0156	GY	1.78
320			-13.2344	GY	1.92
320			-9.4531	GY	2.05
320			-5.6719	GY	2.19
320			-1.8906	GY	2.31
349			-1.8906	GY	0.09
349			-5.6719	GY	0.21
349			-9.4531	GY	0.35
349			-13.2344	GY	0.48
349			-17.0156	GY	0.62
349			-20.7969	GY	0.76
349			-24.5781	GY	0.90
349			-28.3594	GY	1.03
349			-28.3594	GY	1.17
349			-24.5781	GY	1.30
349			-20.7969	GY	1.44
349			-17.0156	GY	1.58
349			-13.2344	GY	1.72
349			-9.4531	GY	1.85
349			-5.6719	GY	1.99
349			-1.8906	GY	2.11
372			-3.5156	GY	0.12
372			-10.5469	GY	0.29
372			-17.5781	GY	0.47
372			-24.6094	GY	0.66
372			-31.6406	GY	0.85
372			-38.6719	GY	1.03
372			-45.7031	GY	1.22
372			-52.7344	GY	1.41
372			-52.7344	GY	1.59
372			-45.7031	GY	1.78
372			-38.6719	GY	1.97
372			-31.6406	GY	2.15
372			-24.6094	GY	2.34
372			-17.5781	GY	2.52
372			-10.5469	GY	2.71
372			-3.5156	GY	2.87
322			-52.7344	GY	0.29
322			-45.7031	GY	0.48
322			-38.6719	GY	0.67
322			-31.6406	GY	0.85

```
322                          -24.6094 GY   1.04
322                          -17.5781 GY   1.23
322                          -10.5469 GY   1.41
322                           -3.5156 GY   1.58
322  -300.0000 GY   0.00    0.20
321                           -3.5156 GY   0.12
321                          -10.5469 GY   0.29
321                          -17.5781 GY   0.47
321                          -24.6094 GY   0.66
321                          -31.6406 GY   0.85
321                          -38.6718 GY   1.03
321                          -45.7031 GY   1.22
321                          -52.7343 GY   1.41
321  -299.9998 GY   1.50    5.60
356                          -15.0000 GY   0.05
356                          -13.0000 GY   0.15
356                          -11.0000 GY   0.25
356                           -9.0000 GY   0.35
356                           -7.0000 GY   0.45
356                           -5.0000 GY   0.55
356                           -3.0000 GY   0.64
356                           -1.0000 GY   0.73
355                           -3.5156 GY   0.12
355                          -10.5469 GY   0.29
355                          -17.5781 GY   0.47
355                          -24.6094 GY   0.66
355                          -31.6406 GY   0.85
355                          -38.6719 GY   1.03
355                          -45.7031 GY   1.22
355                          -52.7344 GY   1.41
355                          -25.4844 GY   1.54
355                          -23.9531 GY   1.63
355                          -22.4219 GY   1.72
355                          -20.8906 GY   1.81
355                          -19.3594 GY   1.89
355                          -17.8281 GY   1.98
355                          -16.2969 GY   2.07
355                          -14.7656 GY   2.16
316  -300.0000 GY   0.00    2.15
316                          -52.7344 GY   2.24
316                          -45.7031 GY   2.43
316                          -38.6719 GY   2.62
316                          -31.6406 GY   2.80
316                          -24.6094 GY   2.99
316                          -17.5781 GY   3.18
316                          -10.5469 GY   3.36
316                           -3.5156 GY   3.53
315  -300.0000 GY   1.50    3.65
315                           -3.5156 GY   0.12
315                          -10.5469 GY   0.29
315                          -17.5781 GY   0.47
315                          -24.6094 GY   0.66
315                          -31.6406 GY   0.85
315                          -38.6719 GY   1.03
315                          -45.7031 GY   1.22
315                          -52.7344 GY   1.41
```

```
317                          -1.1289 GY   0.07
317                          -3.3867 GY   0.17
317                          -5.6445 GY   0.27
317                          -7.9023 GY   0.37
317                         -10.1602 GY   0.48
317                         -12.4180 GY   0.59
317                         -14.6758 GY   0.69
317                         -16.9336 GY   0.80
317                         -16.9336 GY   0.90
317                         -14.6758 GY   1.01
317                         -12.4180 GY   1.11
317                         -10.1602 GY   1.22
317                          -7.9023 GY   1.33
317                          -5.6445 GY   1.43
317                          -3.3867 GY   1.53
317                          -1.1289 GY   1.63
376                          -1.1289 GY   0.07
376                          -3.3867 GY   0.17
376                          -5.6445 GY   0.27
376                          -7.9024 GY   0.37
376                         -10.1602 GY   0.48
376                         -12.4180 GY   0.59
376                         -14.6758 GY   0.69
376                         -16.9336 GY   0.80
376  -170.0001 GY   0.85    2.15
376                         -16.9336 GY   2.20
376                         -14.6758 GY   2.31
376                         -12.4180 GY   2.41
376                         -10.1602 GY   2.52
376                          -7.9024 GY   2.63
376                          -5.6445 GY   2.73
376                          -3.3867 GY   2.83
376                          -1.1289 GY   2.93
324                         -15.0001 GY   0.05
324                         -13.0000 GY   0.15
324                         -11.0000 GY   0.25
324                          -9.0000 GY   0.35
324                          -7.0000 GY   0.45
324                          -5.0000 GY   0.55
324                          -3.0000 GY   0.64
324                          -1.0000 GY   0.73
323                          -1.1289 GY   0.07
323                          -3.3867 GY   0.17
323                          -5.6445 GY   0.27
323                          -7.9024 GY   0.37
323                         -10.1602 GY   0.48
323                         -12.4180 GY   0.59
323                         -14.6758 GY   0.69
323                         -16.9336 GY   0.80
323                          -1.0586 GY   0.85
323                          -1.0508 GY   0.86
323                          -1.0430 GY   0.87
323                          -1.0351 GY   0.87
323                          -1.0273 GY   0.88
323                          -1.0195 GY   0.88
323                          -1.0117 GY   0.89
```

323			-1.0039 GY	0.90
372			-1.1289 GY	0.07
372			-3.3867 GY	0.17
372			-5.6445 GY	0.27
372			-7.9024 GY	0.37
372			-10.1602 GY	0.48
372			-12.4180 GY	0.59
372			-14.6758 GY	0.69
372			-16.9336 GY	0.80
372	-170.0001 GY	0.85	2.15	
372			-16.9336 GY	2.20
372			-14.6758 GY	2.31
372			-12.4180 GY	2.41
372			-10.1602 GY	2.52
372			-7.9024 GY	2.63
372			-5.6445 GY	2.73
372			-3.3867 GY	2.83
372			-1.1289 GY	2.93
318			-2.4414 GY	0.10
318			-7.3242 GY	0.24
318			-12.2070 GY	0.40
318			-17.0898 GY	0.55
318			-21.9726 GY	0.71
318			-26.8554 GY	0.86
318			-31.7382 GY	1.02
318			-36.6210 GY	1.17
318			-36.6211 GY	1.33
318			-31.7383 GY	1.48
318			-26.8555 GY	1.64
318			-21.9726 GY	1.79
318			-17.0898 GY	1.95
318			-12.2070 GY	2.10
318			-7.3242 GY	2.26
318			-2.4414 GY	2.40
380			-2.4414 GY	0.10
380			-7.3242 GY	0.24
380			-12.2070 GY	0.40
380			-17.0898 GY	0.55
380			-21.9726 GY	0.71
380			-26.8555 GY	0.86
380			-31.7383 GY	1.02
380			-36.6211 GY	1.17
380	-250.0000 GY	1.25	1.75	
380			-36.6211 GY	1.83
380			-31.7383 GY	1.98
380			-26.8555 GY	2.14
380			-21.9727 GY	2.29
380			-17.0898 GY	2.45
380			-12.2070 GY	2.60
380			-7.3242 GY	2.76
380			-2.4414 GY	2.90
325			-2.4414 GY	0.10
325			-7.3242 GY	0.24
325			-12.2070 GY	0.40
325			-17.0898 GY	0.55
325			-21.9726 GY	0.71

```
325                          -26.8555 GY   0.86
325                          -31.7383 GY   1.02
325                          -36.6211 GY   1.17
325                          -36.6211 GY   1.33
325                          -31.7383 GY   1.48
325                          -26.8555 GY   1.64
325                          -21.9727 GY   1.79
325                          -17.0898 GY   1.95
325                          -12.2070 GY   2.10
325                           -7.3242 GY   2.26
325                           -2.4414 GY   2.40
376                           -2.4414 GY   0.10
376                           -7.3242 GY   0.24
376                          -12.2070 GY   0.40
376                          -17.0898 GY   0.55
376                          -21.9726 GY   0.71
376                          -26.8554 GY   0.86
376                          -31.7382 GY   1.02
376                          -36.6210 GY   1.17
376  -249.9998 GY   1.25    1.75
376                          -36.6211 GY   1.83
376                          -31.7383 GY   1.98
376                          -26.8555 GY   2.14
376                          -21.9726 GY   2.29
376                          -17.0898 GY   2.45
376                          -12.2070 GY   2.60
376                           -7.3242 GY   2.76
376                           -2.4414 GY   2.90
356                           -1.0000 GY   0.07
356                           -3.0000 GY   0.16
356                           -5.0000 GY   0.25
356                           -7.0000 GY   0.35
356                           -9.0000 GY   0.45
356                          -11.0000 GY   0.55
356                          -13.0000 GY   0.65
356                          -15.0000 GY   0.75
357                          -15.0000 GY   0.05
357                          -13.0000 GY   0.15
357                          -11.0000 GY   0.25
357                           -9.0000 GY   0.35
357                           -7.0000 GY   0.45
357                           -5.0000 GY   0.55
357                           -3.0000 GY   0.64
357                           -1.0000 GY   0.73
326                           -1.0000 GY   0.07
326                           -3.0000 GY   0.16
326                           -5.0000 GY   0.25
326                           -7.0000 GY   0.35
326                           -9.0000 GY   0.45
326                          -11.0000 GY   0.55
326                          -13.0000 GY   0.65
326                          -15.0000 GY   0.75
326  -160.0000 GY   0.80    3.40
326                          -15.0000 GY   3.45
326                          -13.0000 GY   3.55
326                          -11.0000 GY   3.65
```

326			-9.0000 GY	3.75
326			-7.0000 GY	3.85
326			-5.0000 GY	3.95
326			-3.0000 GY	4.04
326			-1.0000 GY	4.13
345			-0.2344 GY	0.01
345			-0.2031 GY	0.02
345			-0.1719 GY	0.03
345			-0.1406 GY	0.04
345			-0.1094 GY	0.06
345			-0.0781 GY	0.07
345			-0.0469 GY	0.08
345			-0.0156 GY	0.09
344			-1.0000 GY	0.07
344			-3.0000 GY	0.16
344			-5.0000 GY	0.25
344			-7.0000 GY	0.35
344			-9.0000 GY	0.45
344			-11.0000 GY	0.55
344			-13.0000 GY	0.65
344			-15.0000 GY	0.75
344			-13.2344 GY	0.84
344			-11.7031 GY	0.93
344			-10.1719 GY	1.02
344			-8.6406 GY	1.10
344			-7.1094 GY	1.19
344			-5.5781 GY	1.28
344			-4.0469 GY	1.37
344			-2.5156 GY	1.45
320	-160.0000 GY	0.00	1.60	
320			-15.0000 GY	1.65
320			-13.0000 GY	1.75
320			-11.0000 GY	1.85
320			-9.0000 GY	1.95
320			-7.0000 GY	2.05
320			-5.0000 GY	2.15
320			-3.0000 GY	2.24
320			-1.0000 GY	2.33
319	-160.0000 GY	0.80	1.80	
319			-1.0000 GY	0.07
319			-3.0000 GY	0.16
319			-5.0000 GY	0.25
319			-7.0000 GY	0.35
319			-9.0000 GY	0.45
319			-11.0000 GY	0.55
319			-13.0000 GY	0.65
319			-15.0000 GY	0.75
321			-11.3906 GY	0.23
321			-34.1719 GY	0.53
321			-56.9532 GY	0.86
321			-79.7344 GY	1.19
321			-102.5157 GY	1.53
321			-125.2970 GY	1.86
321			-148.0782 GY	2.20
321			-170.8595 GY	2.54
321	-540.0001 GY	2.70	2.90	

321			-170.8594	GY	3.06	
321			-148.0782	GY	3.40	
321			-125.2969	GY	3.74	
321			-102.5157	GY	4.07	
321			-79.7344	GY	4.41	
321			-56.9531	GY	4.74	
321			-34.1719	GY	5.07	
321			-11.3906	GY	5.38	
365			-11.3906	GY	0.22	
365			-34.1719	GY	0.52	
365			-56.9531	GY	0.85	
365			-79.7344	GY	1.19	
365			-102.5156	GY	1.52	
365			-125.2969	GY	1.86	
365			-148.0781	GY	2.20	
365			-170.8594	GY	2.53	
365			-170.8594	GY	2.86	
365			-148.0782	GY	3.20	
365			-125.2969	GY	3.54	
365			-102.5157	GY	3.88	
365			-79.7344	GY	4.21	
365			-56.9531	GY	4.55	
365			-34.1719	GY	4.88	
365			-11.3906	GY	5.18	
331			-123.9844	GY	0.14	
331			-107.4531	GY	0.43	
331			-90.9219	GY	0.71	
331			-74.3906	GY	1.00	
331			-57.8594	GY	1.29	
331			-41.3281	GY	1.57	
331			-24.7969	GY	1.85	
331			-8.2656	GY	2.11	
330			-11.3906	GY	0.23	
330			-34.1719	GY	0.53	
330			-56.9531	GY	0.86	
330			-79.7344	GY	1.19	
330			-102.5156	GY	1.53	
330			-125.2969	GY	1.86	
330			-148.0782	GY	2.20	
330			-170.8594	GY	2.54	
330	-539.9999	GY	2.70	2.90		
330			-26.7501	GY	2.92	
330			-26.2501	GY	2.97	
330			-25.7501	GY	3.02	
330			-25.2500	GY	3.07	
330			-24.7501	GY	3.12	
330			-24.2500	GY	3.17	
330			-23.7500	GY	3.22	
330			-23.2500	GY	3.27	
359			-52.7344	GY	0.09	
359			-45.7031	GY	0.28	
359			-38.6719	GY	0.47	
359			-31.6406	GY	0.65	
359			-24.6094	GY	0.84	
359			-17.5781	GY	1.02	
359			-10.5469	GY	1.21	

```
359                          -3.5156 GY   1.37
358                         -43.6407 GY   0.12
358                         -54.9219 GY   0.36
358                         -66.2032 GY   0.60
358                         -77.4844 GY   0.83
358                         -88.7657 GY   1.07
358                        -100.0469 GY   1.31
358                        -111.3282 GY   1.55
358                        -122.6094 GY   1.78
358                         -78.7500 GY   1.97
358                         -74.2500 GY   2.12
358                         -69.7500 GY   2.27
358                         -65.2500 GY   2.42
358                         -60.7500 GY   2.57
358                         -56.2500 GY   2.72
358                         -51.7500 GY   2.87
358                         -47.2500 GY   3.02
357                          -1.0000 GY   0.07
357                          -3.0000 GY   0.16
357                          -5.0000 GY   0.25
357                          -7.0000 GY   0.35
357                          -9.0000 GY   0.45
357                         -11.0000 GY   0.55
357                         -13.0000 GY   0.65
357                         -15.0000 GY   0.75
373  -259.9998 GY   1.30    2.00
373                          -2.6406 GY   0.11
373                          -7.9219 GY   0.25
373                         -13.2031 GY   0.41
373                         -18.4844 GY   0.57
373                         -23.7656 GY   0.73
373                         -29.0469 GY   0.90
373                         -34.3281 GY   1.06
373                         -39.6093 GY   1.22
374  -259.9998 GY   0.00    2.10
374                         -39.6093 GY   2.18
374                         -34.3281 GY   2.34
374                         -29.0468 GY   2.50
374                         -23.7656 GY   2.67
374                         -18.4844 GY   2.83
374                         -13.2031 GY   2.99
374                          -7.9219 GY   3.15
374                          -2.6406 GY   3.29
333                         -33.7500 GY   0.07
333                         -29.2500 GY   0.22
333                         -24.7500 GY   0.37
333                         -20.2500 GY   0.52
333                         -15.7500 GY   0.67
333                         -11.2500 GY   0.82
333                          -6.7500 GY   0.97
333                          -2.2500 GY   1.10
332                          -2.6406 GY   0.11
332                          -7.9219 GY   0.25
332                         -13.2031 GY   0.41
332                         -18.4844 GY   0.57
332                         -23.7656 GY   0.73
```

```
332                          -29.0468 GY   0.90
332                          -34.3281 GY   1.06
332                          -39.6093 GY   1.22
332                           -3.2344 GY   1.31
332                           -3.2031 GY   1.32
332                           -3.1719 GY   1.33
332                           -3.1406 GY   1.34
332                           -3.1094 GY   1.36
332                           -3.0781 GY   1.37
332                           -3.0469 GY   1.38
332                           -3.0156 GY   1.39
365                           -2.6406 GY   0.11
365                           -7.9219 GY   0.25
365                          -13.2031 GY   0.41
365                          -18.4844 GY   0.57
365                          -23.7656 GY   0.73
365                          -29.0469 GY   0.90
365                          -34.3281 GY   1.06
365                          -39.6094 GY   1.22
365  -260.0000 GY   1.30    4.10
365                          -39.6094 GY   4.18
365                          -34.3281 GY   4.34
365                          -29.0469 GY   4.50
365                          -23.7656 GY   4.67
365                          -18.4844 GY   4.83
365                          -13.2031 GY   4.99
365                           -7.9219 GY   5.15
365                           -2.6406 GY   5.29
323                          -18.9844 GY   0.05
323                          -16.4531 GY   0.17
323                          -13.9219 GY   0.28
323                          -11.3906 GY   0.39
323                           -8.8594 GY   0.50
323                           -6.3281 GY   0.61
323                           -3.7969 GY   0.72
323                           -1.2656 GY   0.82
322                           -2.6406 GY   0.11
322                           -7.9219 GY   0.25
322                          -13.2031 GY   0.41
322                          -18.4844 GY   0.57
322                          -23.7656 GY   0.73
322                          -29.0469 GY   0.90
322                          -34.3281 GY   1.06
322                          -39.6094 GY   1.22
322                          -12.7500 GY   1.32
322                          -12.2500 GY   1.37
322                          -11.7500 GY   1.42
322                          -11.2500 GY   1.47
322                          -10.7500 GY   1.52
322                          -10.2500 GY   1.57
322                           -9.7500 GY   1.62
322                           -9.2500 GY   1.67
381                           -1.5625 GY   0.08
381                           -4.6875 GY   0.19
381                           -7.8125 GY   0.32
381                          -10.9375 GY   0.44
```

```
381                          -14.0625 GY   0.56
381                          -17.1875 GY   0.69
381                          -20.3125 GY   0.81
381                          -23.4375 GY   0.94
381                          -23.4375 GY   1.06
381                          -20.3125 GY   1.19
381                          -17.1875 GY   1.31
381                          -14.0625 GY   1.44
381                          -10.9375 GY   1.56
381                           -7.8125 GY   1.68
381                           -4.6875 GY   1.81
381                           -1.5625 GY   1.92
327                           -1.5625 GY   0.08
327                           -4.6875 GY   0.19
327                           -7.8125 GY   0.32
327                          -10.9375 GY   0.44
327                          -14.0625 GY   0.56
327                          -17.1875 GY   0.69
327                          -20.3125 GY   0.81
327                          -23.4375 GY   0.94
327  -200.0002 GY   1.00    2.30
327                          -23.4375 GY   2.36
327                          -20.3125 GY   2.49
327                          -17.1875 GY   2.61
327                          -14.0625 GY   2.74
327                          -10.9375 GY   2.86
327                           -7.8125 GY   2.98
327                           -4.6875 GY   3.11
327                           -1.5625 GY   3.22
373                           -1.5625 GY   0.08
373                           -4.6875 GY   0.19
373                           -7.8125 GY   0.32
373                          -10.9375 GY   0.44
373                          -14.0625 GY   0.56
373                          -17.1875 GY   0.69
373                          -20.3125 GY   0.81
373                          -23.4375 GY   0.94
373                          -23.4375 GY   1.06
373                          -20.3125 GY   1.19
373                          -17.1875 GY   1.31
373                          -14.0625 GY   1.44
373                          -10.9375 GY   1.56
373                           -7.8125 GY   1.68
373                           -4.6875 GY   1.81
373                           -1.5625 GY   1.92
325                           -4.0625 GY   0.01
325                           -4.1875 GY   0.04
325                           -4.3125 GY   0.06
325                           -4.4375 GY   0.09
325                           -4.5625 GY   0.11
325                           -4.6875 GY   0.14
325                           -4.8125 GY   0.16
325                           -4.9375 GY   0.19
325  -200.0000 GY   0.20    1.50
325                          -23.4375 GY   1.56
325                          -20.3125 GY   1.69
```

```
325                          -17.1875 GY   1.81
325                          -14.0625 GY   1.94
325                          -10.9375 GY   2.06
325                           -7.8125 GY   2.18
325                           -4.6875 GY   2.31
325                           -1.5625 GY   2.42
324                           -1.0000 GY   0.07
324                           -3.0000 GY   0.16
324                           -5.0000 GY   0.25
324                           -7.0000 GY   0.35
324                           -9.0000 GY   0.45
324                          -11.0000 GY   0.55
324                          -13.0000 GY   0.65
324                          -15.0000 GY   0.75
326                           -3.7539 GY   0.13
326                          -11.2617 GY   0.30
326                          -18.7695 GY   0.49
326                          -26.2773 GY   0.68
326                          -33.7852 GY   0.88
326                          -41.2930 GY   1.07
326                          -48.8008 GY   1.26
326                          -56.3086 GY   1.46
326  -310.0000 GY   1.55    2.65
326                          -56.3086 GY   2.74
326                          -48.8008 GY   2.94
326                          -41.2930 GY   3.13
326                          -33.7852 GY   3.32
326                          -26.2773 GY   3.52
326                          -18.7695 GY   3.71
326                          -11.2617 GY   3.90
326                           -3.7539 GY   4.07
358                           -3.7539 GY   0.13
358                          -11.2617 GY   0.30
358                          -18.7695 GY   0.49
358                          -26.2773 GY   0.68
358                          -33.7851 GY   0.88
358                          -41.2929 GY   1.07
358                          -48.8008 GY   1.26
358                          -56.3086 GY   1.46
358                          -56.3086 GY   1.64
358                          -48.8008 GY   1.84
358                          -41.2930 GY   2.03
358                          -33.7852 GY   2.22
358                          -26.2773 GY   2.42
358                          -18.7695 GY   2.61
358                          -11.2617 GY   2.80
358                           -3.7539 GY   2.97
328                           -3.7539 GY   0.13
328                          -11.2617 GY   0.30
328                          -18.7695 GY   0.49
328                          -26.2773 GY   0.68
328                          -33.7851 GY   0.88
328                          -41.2929 GY   1.07
328                          -48.8007 GY   1.26
328                          -56.3086 GY   1.46
328  -309.9998 GY   1.55    2.65
```

328			-56.3086 GY	2.74	
328			-48.8007 GY	2.94	
328			-41.2929 GY	3.13	
328			-33.7851 GY	3.32	
328			-26.2773 GY	3.52	
328			-18.7695 GY	3.71	
328			-11.2617 GY	3.90	
328			-3.7539 GY	4.07	
346			-3.7539 GY	0.13	
346			-11.2617 GY	0.30	
346			-18.7695 GY	0.49	
346			-26.2773 GY	0.68	
346			-33.7852 GY	0.88	
346			-41.2930 GY	1.07	
346			-48.8008 GY	1.26	
346			-56.3086 GY	1.46	
346			-56.3086 GY	1.64	
346			-48.8008 GY	1.84	
346			-41.2929 GY	2.03	
346			-33.7851 GY	2.22	
346			-26.2773 GY	2.42	
346			-18.7695 GY	2.61	
346			-11.2617 GY	2.80	
346			-3.7539 GY	2.97	
327			-4.2539 GY	0.14	
327			-12.7617 GY	0.32	
327			-21.2695 GY	0.52	
327			-29.7773 GY	0.73	
327			-38.2852 GY	0.93	
327			-46.7930 GY	1.14	
327			-55.3008 GY	1.34	
327			-63.8086 GY	1.55	
327			-63.8086 GY	1.75	
327			-55.3008 GY	1.96	
327			-46.7930 GY	2.16	
327			-38.2851 GY	2.37	
327			-29.7773 GY	2.57	
327			-21.2695 GY	2.78	
327			-12.7617 GY	2.98	
327			-4.2539 GY	3.16	
382			-4.2539 GY	0.14	
382			-12.7617 GY	0.32	
382			-21.2695 GY	0.52	
382			-29.7773 GY	0.73	
382			-38.2851 GY	0.93	
382			-46.7930 GY	1.14	
382			-55.3008 GY	1.34	
382			-63.8086 GY	1.55	
382	-330.0000 GY	1.65	1.75		
382			-63.8086 GY	1.85	
382			-55.3008 GY	2.06	
382			-46.7930 GY	2.26	
382			-38.2851 GY	2.47	
382			-29.7773 GY	2.67	
382			-21.2695 GY	2.88	
382			-12.7617 GY	3.08	

382			-4.2539	GY	3.26
334			-4.2539	GY	0.14
334			-12.7617	GY	0.32
334			-21.2695	GY	0.52
334			-29.7773	GY	0.73
334			-38.2851	GY	0.93
334			-46.7929	GY	1.14
334			-55.3008	GY	1.34
334			-63.8086	GY	1.55
334			-63.8086	GY	1.75
334			-55.3008	GY	1.96
334			-46.7930	GY	2.16
334			-38.2852	GY	2.37
334			-29.7774	GY	2.57
334			-21.2695	GY	2.78
334			-12.7617	GY	2.98
334			-4.2539	GY	3.16
374			-4.2539	GY	0.14
374			-12.7617	GY	0.32
374			-21.2695	GY	0.52
374			-29.7774	GY	0.73
374			-38.2852	GY	0.93
374			-46.7930	GY	1.14
374			-55.3008	GY	1.34
374			-63.8086	GY	1.55
374	-330.0001	GY	1.65	1.75	
374			-63.8086	GY	1.85
374			-55.3008	GY	2.06
374			-46.7930	GY	2.26
374			-38.2852	GY	2.47
374			-29.7773	GY	2.67
374			-21.2695	GY	2.88
374			-12.7617	GY	3.08
374			-4.2539	GY	3.26
328			-0.8789	GY	0.06
328			-2.6367	GY	0.15
328			-4.3945	GY	0.24
328			-6.1523	GY	0.33
328			-7.9102	GY	0.42
328			-9.6680	GY	0.52
328			-11.4258	GY	0.61
328			-13.1836	GY	0.70
328	-150.0000	GY	0.75	3.45	
328			-13.1836	GY	3.50
328			-11.4258	GY	3.59
328			-9.6680	GY	3.68
328			-7.9102	GY	3.78
328			-6.1523	GY	3.87
328			-4.3945	GY	3.96
328			-2.6367	GY	4.05
328			-0.8789	GY	4.14
359			-0.8789	GY	0.06
359			-2.6367	GY	0.15
359			-4.3945	GY	0.24
359			-6.1523	GY	0.33
359			-7.9102	GY	0.42

```
359                          -9.6680 GY   0.52
359                         -11.4258 GY   0.61
359                         -13.1836 GY   0.70
359                         -13.1836 GY   0.80
359                         -11.4258 GY   0.89
359                          -9.6680 GY   0.98
359                          -7.9102 GY   1.08
359                          -6.1523 GY   1.17
359                          -4.3945 GY   1.26
359                          -2.6367 GY   1.35
359                          -0.8789 GY   1.44
329                          -0.8789 GY   0.06
329                          -2.6367 GY   0.15
329                          -4.3945 GY   0.24
329                          -6.1523 GY   0.33
329                          -7.9102 GY   0.42
329                          -9.6680 GY   0.52
329                         -11.4258 GY   0.61
329                         -13.1836 GY   0.70
329  -150.0000 GY   0.75    3.45
329                         -13.1836 GY   3.50
329                         -11.4258 GY   3.59
329                          -9.6680 GY   3.68
329                          -7.9102 GY   3.78
329                          -6.1523 GY   3.87
329                          -4.3945 GY   3.96
329                          -2.6367 GY   4.05
329                          -0.8789 GY   4.14
347                          -0.8789 GY   0.06
347                          -2.6367 GY   0.15
347                          -4.3945 GY   0.24
347                          -6.1523 GY   0.33
347                          -7.9102 GY   0.42
347                          -9.6680 GY   0.52
347                         -11.4258 GY   0.61
347                         -13.1836 GY   0.70
347                         -13.1836 GY   0.80
347                         -11.4258 GY   0.89
347                          -9.6680 GY   0.98
347                          -7.9102 GY   1.08
347                          -6.1523 GY   1.17
347                          -4.3945 GY   1.26
347                          -2.6367 GY   1.35
347                          -0.8789 GY   1.44
329                          -3.2852 GY   0.12
329                          -9.8555 GY   0.28
329                         -16.4258 GY   0.46
329                         -22.9961 GY   0.64
329                         -29.5664 GY   0.82
329                         -36.1367 GY   1.00
329                         -42.7070 GY   1.18
329                         -49.2774 GY   1.36
329  -290.0002 GY   1.45    2.75
329                         -49.2773 GY   2.84
329                         -42.7070 GY   3.02
329                         -36.1367 GY   3.20
```

329			-29.5664	GY	3.38
329			-22.9961	GY	3.56
329			-16.4258	GY	3.74
329			-9.8555	GY	3.92
329			-3.2852	GY	4.08
360			-3.2852	GY	0.12
360			-9.8555	GY	0.28
360			-16.4258	GY	0.46
360			-22.9961	GY	0.64
360			-29.5664	GY	0.82
360			-36.1367	GY	1.00
360			-42.7070	GY	1.18
360			-49.2774	GY	1.36
360			-49.2773	GY	1.54
360			-42.7070	GY	1.72
360			-36.1367	GY	1.90
360			-29.5664	GY	2.08
360			-22.9961	GY	2.26
360			-16.4258	GY	2.44
360			-9.8555	GY	2.62
360			-3.2852	GY	2.78
335			-3.2852	GY	0.12
335			-9.8555	GY	0.28
335			-16.4258	GY	0.46
335			-22.9961	GY	0.64
335			-29.5664	GY	0.82
335			-36.1367	GY	1.00
335			-42.7070	GY	1.18
335			-49.2773	GY	1.36
335	-289.9998	GY	1.45	2.75	
335			-49.2773	GY	2.84
335			-42.7070	GY	3.02
335			-36.1367	GY	3.20
335			-29.5664	GY	3.38
335			-22.9961	GY	3.56
335			-16.4258	GY	3.74
335			-9.8555	GY	3.92
335			-3.2852	GY	4.08
348			-3.2852	GY	0.12
348			-9.8555	GY	0.28
348			-16.4258	GY	0.46
348			-22.9961	GY	0.64
348			-29.5664	GY	0.82
348			-36.1367	GY	1.00
348			-42.7071	GY	1.18
348			-49.2774	GY	1.36
348			-49.2773	GY	1.54
348			-42.7070	GY	1.72
348			-36.1367	GY	1.90
348			-29.5664	GY	2.08
348			-22.9961	GY	2.26
348			-16.4258	GY	2.44
348			-9.8555	GY	2.62
348			-3.2852	GY	2.78
330			-3.2852	GY	0.12
330			-9.8555	GY	0.28

330			-16.4258	GY	0.46
330			-22.9961	GY	0.64
330			-29.5664	GY	0.82
330			-36.1367	GY	1.00
330			-42.7071	GY	1.18
330			-49.2774	GY	1.36
330	-290.0002	GY 1.45	1.85		
330			-49.2774	GY	1.94
330			-42.7071	GY	2.12
330			-36.1367	GY	2.30
330			-29.5664	GY	2.48
330			-22.9961	GY	2.66
330			-16.4258	GY	2.84
330			-9.8555	GY	3.02
330			-3.2852	GY	3.18
361			-3.2852	GY	0.12
361			-9.8555	GY	0.28
361			-16.4258	GY	0.46
361			-22.9961	GY	0.64
361			-29.5664	GY	0.82
361			-36.1367	GY	1.00
361			-42.7071	GY	1.18
361			-49.2774	GY	1.36
361			-49.2773	GY	1.54
361			-42.7070	GY	1.72
361			-36.1367	GY	1.90
361			-29.5664	GY	2.08
361			-22.9961	GY	2.26
361			-16.4258	GY	2.44
361			-9.8555	GY	2.62
361			-3.2852	GY	2.78
336			-3.2852	GY	0.12
336			-9.8555	GY	0.28
336			-16.4258	GY	0.46
336			-22.9961	GY	0.64
336			-29.5664	GY	0.82
336			-36.1367	GY	1.00
336			-42.7070	GY	1.18
336			-49.2773	GY	1.36
336	-289.9998	GY 1.45	1.85		
336			-49.2773	GY	1.94
336			-42.7070	GY	2.12
336			-36.1367	GY	2.30
336			-29.5664	GY	2.48
336			-22.9961	GY	2.66
336			-16.4258	GY	2.84
336			-9.8555	GY	3.02
336			-3.2852	GY	3.18
360			-3.2852	GY	0.12
360			-9.8555	GY	0.28
360			-16.4258	GY	0.46
360			-22.9961	GY	0.64
360			-29.5664	GY	0.82
360			-36.1367	GY	1.00
360			-42.7071	GY	1.18
360			-49.2774	GY	1.36

360			-49.2773	GY	1.54
360			-42.7070	GY	1.72
360			-36.1367	GY	1.90
360			-29.5664	GY	2.08
360			-22.9961	GY	2.26
360			-16.4258	GY	2.44
360			-9.8555	GY	2.62
360			-3.2852	GY	2.78
366			-3.2852	GY	0.12
366			-9.8555	GY	0.28
366			-16.4258	GY	0.46
366			-22.9961	GY	0.64
366			-29.5664	GY	0.82
366			-36.1367	GY	1.00
366			-42.7071	GY	1.18
366			-49.2774	GY	1.36
366			-49.2773	GY	1.54
366			-42.7070	GY	1.72
366			-36.1367	GY	1.90
366			-29.5664	GY	2.08
366			-22.9961	GY	2.26
366			-16.4258	GY	2.44
366			-9.8555	GY	2.62
366			-3.2852	GY	2.78
337			-3.2852	GY	0.12
337			-9.8555	GY	0.28
337			-16.4258	GY	0.46
337			-22.9961	GY	0.64
337			-29.5664	GY	0.82
337			-36.1367	GY	1.00
337			-42.7070	GY	1.18
337			-49.2773	GY	1.36
337	-289.9998	GY	1.45	2.25	
337			-49.2773	GY	2.34
337			-42.7070	GY	2.52
337			-36.1367	GY	2.70
337			-29.5664	GY	2.88
337			-22.9961	GY	3.06
337			-16.4258	GY	3.24
337			-9.8555	GY	3.42
337			-3.2852	GY	3.58
361			-3.2852	GY	0.12
361			-9.8555	GY	0.28
361			-16.4258	GY	0.46
361			-22.9961	GY	0.64
361			-29.5664	GY	0.82
361			-36.1367	GY	1.00
361			-42.7070	GY	1.18
361			-49.2774	GY	1.36
361			-49.2773	GY	1.54
361			-42.7070	GY	1.72
361			-36.1367	GY	1.90
361			-29.5664	GY	2.08
361			-22.9961	GY	2.26
361			-16.4258	GY	2.44
361			-9.8555	GY	2.62

361			-3.2852 GY	2.78	
332			-45.9375 GY	0.09	
332			-39.8125 GY	0.26	
332			-33.6875 GY	0.43	
332			-27.5625 GY	0.61	
332			-21.4375 GY	0.78	
332			-15.3125 GY	0.96	
332			-9.1875 GY	1.13	
332			-3.0625 GY	1.28	
331			-3.2852 GY	0.12	
331			-9.8555 GY	0.28	
331			-16.4258 GY	0.46	
331			-22.9961 GY	0.64	
331			-29.5664 GY	0.82	
331			-36.1367 GY	1.00	
331			-42.7070 GY	1.18	
331			-49.2774 GY	1.36	
331	-290.0002 GY	1.45	2.25		
331			-1.8086 GY	2.25	
331			-1.8008 GY	2.26	
331			-1.7930 GY	2.27	
331			-1.7852 GY	2.27	
331			-1.7774 GY	2.28	
331			-1.7695 GY	2.28	
331			-1.7617 GY	2.29	
331			-1.7539 GY	2.30	
333			-0.5625 GY	0.05	
333			-1.6875 GY	0.12	
333			-2.8125 GY	0.19	
333			-3.9375 GY	0.26	
333			-5.0625 GY	0.34	
333			-6.1875 GY	0.41	
333			-7.3125 GY	0.49	
333			-8.4375 GY	0.56	
333			-8.4375 GY	0.64	
333			-7.3125 GY	0.71	
333			-6.1875 GY	0.79	
333			-5.0625 GY	0.86	
333			-3.9375 GY	0.94	
333			-2.8125 GY	1.01	
333			-1.6875 GY	1.08	
333			-0.5625 GY	1.15	
375			-0.5625 GY	0.05	
375			-1.6875 GY	0.12	
375			-2.8125 GY	0.19	
375			-3.9375 GY	0.26	
375			-5.0625 GY	0.34	
375			-6.1875 GY	0.41	
375			-7.3125 GY	0.49	
375			-8.4375 GY	0.56	
375	-119.9999 GY	0.60	2.30		
375			-8.4375 GY	2.34	
375			-7.3125 GY	2.41	
375			-6.1875 GY	2.49	
375			-5.0625 GY	2.56	
375			-3.9375 GY	2.64	

```
375                          -2.8125 GY   2.71
375                          -1.6875 GY   2.78
375                          -0.5625 GY   2.85
338                          -0.5625 GY   0.05
338                          -1.6875 GY   0.12
338                          -2.8125 GY   0.19
338                          -3.9375 GY   0.26
338                          -5.0625 GY   0.34
338                          -6.1875 GY   0.41
338                          -7.3125 GY   0.49
338                          -8.4375 GY   0.56
338                          -8.4375 GY   0.64
338                          -7.3125 GY   0.71
338                          -6.1875 GY   0.79
338                          -5.0625 GY   0.86
338                          -3.9375 GY   0.94
338                          -2.8125 GY   1.01
338                          -1.6875 GY   1.08
338                          -0.5625 GY   1.15
366                          -0.5625 GY   0.05
366                          -1.6875 GY   0.12
366                          -2.8125 GY   0.19
366                          -3.9375 GY   0.26
366                          -5.0625 GY   0.34
366                          -6.1875 GY   0.41
366                          -7.3125 GY   0.49
366                          -8.4375 GY   0.56
366  -120.0001 GY   0.60    2.30
366                          -8.4375 GY   2.34
366                          -7.3125 GY   2.41
366                          -6.1875 GY   2.49
366                          -5.0625 GY   2.56
366                          -3.9375 GY   2.64
366                          -2.8125 GY   2.71
366                          -1.6875 GY   2.78
366                          -0.5625 GY   2.85
334                          -3.2852 GY   0.12
334                          -9.8555 GY   0.28
334                         -16.4258 GY   0.46
334                         -22.9961 GY   0.64
334                         -29.5664 GY   0.82
334                         -36.1367 GY   1.00
334                         -42.7070 GY   1.18
334                         -49.2774 GY   1.36
334  -290.0002 GY   1.45    1.85
334                         -49.2774 GY   1.94
334                         -42.7071 GY   2.12
334                         -36.1367 GY   2.30
334                         -29.5664 GY   2.48
334                         -22.9961 GY   2.66
334                         -16.4258 GY   2.84
334                          -9.8555 GY   3.02
334                          -3.2852 GY   3.18
383                          -3.2852 GY   0.12
383                          -9.8555 GY   0.28
383                         -16.4258 GY   0.46
```

383			-22.9961 GY	0.64
383			-29.5664 GY	0.82
383			-36.1367 GY	1.00
383			-42.7071 GY	1.18
383			-49.2774 GY	1.36
383			-49.2773 GY	1.54
383			-42.7070 GY	1.72
383			-36.1367 GY	1.90
383			-29.5664 GY	2.08
383			-22.9961 GY	2.26
383			-16.4258 GY	2.44
383			-9.8555 GY	2.62
383			-3.2852 GY	2.78
339			-3.2852 GY	0.12
339			-9.8555 GY	0.28
339			-16.4258 GY	0.46
339			-22.9961 GY	0.64
339			-29.5664 GY	0.82
339			-36.1367 GY	1.00
339			-42.7070 GY	1.18
339			-49.2773 GY	1.36
339	-289.9998 GY	1.45	1.85	
339			-49.2773 GY	1.94
339			-42.7070 GY	2.12
339			-36.1367 GY	2.30
339			-29.5664 GY	2.48
339			-22.9961 GY	2.66
339			-16.4258 GY	2.84
339			-9.8555 GY	3.02
339			-3.2852 GY	3.18
375			-3.2852 GY	0.12
375			-9.8555 GY	0.28
375			-16.4258 GY	0.46
375			-22.9961 GY	0.64
375			-29.5664 GY	0.82
375			-36.1367 GY	1.00
375			-42.7071 GY	1.18
375			-49.2774 GY	1.36
375			-49.2773 GY	1.54
375			-42.7070 GY	1.72
375			-36.1367 GY	1.90
375			-29.5664 GY	2.08
375			-22.9961 GY	2.26
375			-16.4258 GY	2.44
375			-9.8555 GY	2.62
375			-3.2852 GY	2.78
401			-4.5156 GY	0.14
401			-13.5469 GY	0.33
401			-22.5781 GY	0.54
401			-31.6094 GY	0.75
401			-40.6406 GY	0.96
401			-49.6719 GY	1.17
401			-58.7031 GY	1.38
401			-67.7344 GY	1.60
401	-340.0000 GY	1.70	2.50	
401			-67.7344 GY	2.60

401			-58.7031	GY	2.82
401			-49.6719	GY	3.03
401			-40.6406	GY	3.24
401			-31.6094	GY	3.45
401			-22.5781	GY	3.66
401			-13.5469	GY	3.87
401			-4.5156	GY	4.06
450			-4.0000	GY	0.13
450			-12.0000	GY	0.31
450			-20.0000	GY	0.51
450			-28.0000	GY	0.70
450			-36.0000	GY	0.90
450			-44.0000	GY	1.10
450			-52.0000	GY	1.30
450			-60.0000	GY	1.50
451			-4.0156	GY	0.01
451			-4.0469	GY	0.02
451			-4.0781	GY	0.03
451			-4.1094	GY	0.04
451			-4.1406	GY	0.06
451			-4.1719	GY	0.07
451			-4.2031	GY	0.08
451			-4.2344	GY	0.09
451			-67.7344	GY	0.20
451			-58.7031	GY	0.42
451			-49.6719	GY	0.63
451			-40.6406	GY	0.84
451			-31.6094	GY	1.05
451			-22.5781	GY	1.26
451			-13.5469	GY	1.47
451			-4.5156	GY	1.66
407			-4.5156	GY	0.14
407			-13.5469	GY	0.33
407			-22.5781	GY	0.54
407			-31.6094	GY	0.75
407			-40.6406	GY	0.96
407			-49.6719	GY	1.17
407			-58.7031	GY	1.38
407			-67.7344	GY	1.60
407	-340.0000	GY	1.70	2.50	
407			-67.7344	GY	2.60
407			-58.7031	GY	2.82
407			-49.6719	GY	3.03
407			-40.6406	GY	3.24
407			-31.6094	GY	3.45
407			-22.5781	GY	3.66
407			-13.5469	GY	3.87
407			-4.5156	GY	4.06
440			-4.5156	GY	0.14
440			-13.5469	GY	0.33
440			-22.5781	GY	0.54
440			-31.6094	GY	0.75
440			-40.6406	GY	0.96
440			-49.6719	GY	1.17
440			-58.7031	GY	1.38
440			-67.7344	GY	1.60

```
440                          -67.7344 GY   1.80
440                          -58.7031 GY   2.02
440                          -49.6719 GY   2.23
440                          -40.6406 GY   2.44
440                          -31.6094 GY   2.65
440                          -22.5781 GY   2.86
440                          -13.5469 GY   3.07
440                           -4.5156 GY   3.26
402                           -1.0000 GY   0.07
402                           -3.0000 GY   0.16
402                           -5.0000 GY   0.25
402                           -7.0000 GY   0.35
402                           -9.0000 GY   0.45
402                          -11.0000 GY   0.55
402                          -13.0000 GY   0.65
402                          -15.0000 GY   0.75
402  -160.0000 GY   0.80    2.85
402                          -15.0000 GY   2.90
402                          -13.0000 GY   3.00
402                          -11.0000 GY   3.10
402                           -9.0000 GY   3.20
402                           -7.0000 GY   3.30
402                           -5.0000 GY   3.40
402                           -3.0000 GY   3.49
402                           -1.0000 GY   3.58
462                           -1.0000 GY   0.07
462                           -3.0000 GY   0.16
462                           -5.0000 GY   0.25
462                           -7.0000 GY   0.35
462                           -9.0000 GY   0.45
462                          -11.0000 GY   0.55
462                          -13.0000 GY   0.65
462                          -15.0000 GY   0.75
462                          -15.0000 GY   0.85
462                          -13.0000 GY   0.95
462                          -11.0000 GY   1.05
462                           -9.0000 GY   1.15
462                           -7.0000 GY   1.25
462                           -5.0000 GY   1.35
462                           -3.0000 GY   1.44
462                           -1.0000 GY   1.53
405                           -1.0000 GY   0.07
405                           -3.0000 GY   0.16
405                           -5.0000 GY   0.25
405                           -7.0000 GY   0.35
405                           -9.0000 GY   0.45
405                          -11.0000 GY   0.55
405                          -13.0000 GY   0.65
405                          -15.0000 GY   0.75
405  -160.0000 GY   0.80    2.85
405                          -15.0000 GY   2.90
405                          -13.0000 GY   3.00
405                          -11.0000 GY   3.10
405                           -9.0000 GY   3.20
405                           -7.0000 GY   3.30
405                           -5.0000 GY   3.40
```

```
405                          -3.0000 GY   3.49
405                          -1.0000 GY   3.58
450                          -1.0000 GY   0.07
450                          -3.0000 GY   0.16
450                          -5.0000 GY   0.25
450                          -7.0000 GY   0.35
450                          -9.0000 GY   0.45
450                         -11.0000 GY   0.55
450                         -13.0000 GY   0.65
450                         -15.0000 GY   0.75
450                         -15.0000 GY   0.85
450                         -13.0000 GY   0.95
450                         -11.0000 GY   1.05
450                          -9.0000 GY   1.15
450                          -7.0000 GY   1.25
450                          -5.0000 GY   1.35
450                          -3.0000 GY   1.44
450                          -1.0000 GY   1.53
403                          -1.0000 GY   0.07
403                          -3.0000 GY   0.16
403                          -5.0000 GY   0.25
403                          -7.0000 GY   0.35
403                          -9.0000 GY   0.45
403                         -11.0000 GY   0.55
403                         -13.0000 GY   0.65
403                         -15.0000 GY   0.75
403  -160.0000 GY   0.80    2.85
403                         -15.0000 GY   2.90
403                         -13.0000 GY   3.00
403                         -11.0000 GY   3.10
403                          -9.0000 GY   3.20
403                          -7.0000 GY   3.30
403                          -5.0000 GY   3.40
403                          -3.0000 GY   3.49
403                          -1.0000 GY   3.58
467                          -1.0000 GY   0.07
467                          -3.0000 GY   0.16
467                          -5.0000 GY   0.25
467                          -7.0000 GY   0.35
467                          -9.0000 GY   0.45
467                         -11.0000 GY   0.55
467                         -13.0000 GY   0.65
467                         -15.0000 GY   0.75
467                         -15.0000 GY   0.85
467                         -13.0000 GY   0.95
467                         -11.0000 GY   1.05
467                          -9.0000 GY   1.15
467                          -7.0000 GY   1.25
467                          -5.0000 GY   1.35
467                          -3.0000 GY   1.44
467                          -1.0000 GY   1.53
406                          -1.0000 GY   0.07
406                          -3.0000 GY   0.16
406                          -5.0000 GY   0.25
406                          -7.0000 GY   0.35
406                          -9.0000 GY   0.45
```

```
406                          -11.0000 GY   0.55
406                          -13.0000 GY   0.65
406                          -15.0000 GY   0.75
406  -160.0000 GY   0.80    2.85
406                          -15.0000 GY   2.90
406                          -13.0000 GY   3.00
406                          -11.0000 GY   3.10
406                           -9.0000 GY   3.20
406                           -7.0000 GY   3.30
406                           -5.0000 GY   3.40
406                           -3.0000 GY   3.49
406                           -1.0000 GY   3.58
462                           -1.0000 GY   0.07
462                           -3.0000 GY   0.16
462                           -5.0000 GY   0.25
462                           -7.0000 GY   0.35
462                           -9.0000 GY   0.45
462                          -11.0000 GY   0.55
462                          -13.0000 GY   0.65
462                          -15.0000 GY   0.75
462                          -15.0000 GY   0.85
462                          -13.0000 GY   0.95
462                          -11.0000 GY   1.05
462                           -9.0000 GY   1.15
462                           -7.0000 GY   1.25
462                           -5.0000 GY   1.35
462                           -3.0000 GY   1.44
462                           -1.0000 GY   1.53
404                           -4.5156 GY   0.14
404                          -13.5469 GY   0.33
404                          -22.5781 GY   0.54
404                          -31.6094 GY   0.75
404                          -40.6406 GY   0.96
404                          -49.6719 GY   1.17
404                          -58.7031 GY   1.38
404                          -67.7344 GY   1.60
404  -339.9999 GY   1.70    2.50
404                          -67.7343 GY   2.60
404                          -58.7031 GY   2.82
404                          -49.6718 GY   3.03
404                          -40.6406 GY   3.24
404                          -31.6094 GY   3.45
404                          -22.5781 GY   3.66
404                          -13.5469 GY   3.87
404                           -4.5156 GY   4.06
477                           -4.5156 GY   0.14
477                          -13.5469 GY   0.33
477                          -22.5781 GY   0.54
477                          -31.6094 GY   0.75
477                          -40.6406 GY   0.96
477                          -49.6719 GY   1.17
477                          -58.7031 GY   1.38
477                          -67.7344 GY   1.60
477                          -67.7344 GY   1.80
477                          -58.7031 GY   2.02
477                          -49.6719 GY   2.23
```

```
477                          -40.6406 GY   2.44
477                          -31.6094 GY   2.65
477                          -22.5781 GY   2.86
477                          -13.5469 GY   3.07
477                           -4.5156 GY   3.26
408                           -4.5156 GY   0.14
408                          -13.5469 GY   0.33
408                          -22.5781 GY   0.54
408                          -31.6094 GY   0.75
408                          -40.6407 GY   0.96
408                          -49.6719 GY   1.17
408                          -58.7032 GY   1.38
408                          -67.7344 GY   1.60
408  -340.0001 GY   1.70    2.50
408                          -67.7344 GY   2.60
408                          -58.7031 GY   2.82
408                          -49.6719 GY   3.03
408                          -40.6406 GY   3.24
408                          -31.6094 GY   3.45
408                          -22.5781 GY   3.66
408                          -13.5469 GY   3.87
408                           -4.5156 GY   4.06
468                           -4.0156 GY   0.01
468                           -4.0469 GY   0.02
468                           -4.0781 GY   0.03
468                           -4.1094 GY   0.04
468                           -4.1406 GY   0.06
468                           -4.1719 GY   0.07
468                           -4.2031 GY   0.08
468                           -4.2344 GY   0.09
468                          -67.7344 GY   0.20
468                          -58.7032 GY   0.42
468                          -49.6719 GY   0.63
468                          -40.6407 GY   0.84
468                          -31.6094 GY   1.05
468                          -22.5781 GY   1.26
468                          -13.5469 GY   1.47
468                           -4.5156 GY   1.66
467                           -4.0000 GY   0.13
467                          -12.0000 GY   0.31
467                          -20.0000 GY   0.51
467                          -28.0000 GY   0.70
467                          -36.0000 GY   0.90
467                          -44.0000 GY   1.10
467                          -52.0000 GY   1.30
467                          -60.0001 GY   1.50
405                           -5.2041 GY   0.15
405                          -15.6123 GY   0.35
405                          -26.0205 GY   0.58
405                          -36.4287 GY   0.80
405                          -46.8369 GY   1.03
405                          -57.2451 GY   1.26
405                          -67.6533 GY   1.49
405                          -78.0615 GY   1.71
405                          -78.0615 GY   1.94
405                          -67.6533 GY   2.16
```

```
405                          -57.2451 GY   2.39
405                          -46.8369 GY   2.62
405                          -36.4287 GY   2.85
405                          -26.0205 GY   3.07
405                          -15.6123 GY   3.30
405                           -5.2041 GY   3.50
463                           -5.2041 GY   0.15
463                          -15.6123 GY   0.35
463                          -26.0205 GY   0.58
463                          -36.4287 GY   0.80
463                          -46.8369 GY   1.03
463                          -57.2451 GY   1.26
463                          -67.6533 GY   1.49
463                          -78.0615 GY   1.71
463  -365.0000 GY   1.83    2.08
463                          -78.0615 GY   2.19
463                          -67.6533 GY   2.41
463                          -57.2451 GY   2.64
463                          -46.8369 GY   2.87
463                          -36.4287 GY   3.10
463                          -26.0205 GY   3.32
463                          -15.6123 GY   3.55
463                           -5.2041 GY   3.75
411                           -5.2041 GY   0.15
411                          -15.6123 GY   0.35
411                          -26.0205 GY   0.58
411                          -36.4287 GY   0.80
411                          -46.8369 GY   1.03
411                          -57.2451 GY   1.26
411                          -67.6533 GY   1.49
411                          -78.0615 GY   1.71
411                          -78.0615 GY   1.94
411                          -67.6533 GY   2.16
411                          -57.2451 GY   2.39
411                          -46.8369 GY   2.62
411                          -36.4287 GY   2.85
411                          -26.0205 GY   3.07
411                          -15.6123 GY   3.30
411                           -5.2041 GY   3.50
453                          -11.4844 GY   0.04
453                           -9.9531 GY   0.13
453                           -8.4219 GY   0.22
453                           -6.8906 GY   0.30
453                           -5.3594 GY   0.39
453                           -3.8281 GY   0.48
453                           -2.2969 GY   0.56
453                           -0.7656 GY   0.64
452                           -1.1260 GY   0.00
452                           -1.1279 GY   0.00
452                           -1.1299 GY   0.01
452                           -1.1318 GY   0.01
452                           -1.1338 GY   0.01
452                           -1.1357 GY   0.02
452                           -1.1377 GY   0.02
452                           -1.1397 GY   0.02
452  -365.0000 GY   0.03    0.28
```

```
452                          -49.3506 GY   0.34
452                          -45.3955 GY   0.48
452                          -41.4404 GY   0.63
452                          -37.4853 GY   0.77
452                          -33.5303 GY   0.91
452                          -29.5752 GY   1.05
452                          -25.6201 GY   1.19
452                          -21.6650 GY   1.33
451                           -5.0625 GY   0.15
451                          -15.1875 GY   0.35
451                          -25.3125 GY   0.57
451                          -35.4375 GY   0.79
451                          -45.5625 GY   1.02
451                          -55.6875 GY   1.24
451                          -65.8125 GY   1.47
451                          -75.9375 GY   1.69
406                           -5.2041 GY   0.15
406                          -15.6123 GY   0.35
406                          -26.0205 GY   0.58
406                          -36.4287 GY   0.80
406                          -46.8369 GY   1.03
406                          -57.2451 GY   1.26
406                          -67.6533 GY   1.49
406                          -78.0615 GY   1.71
406                          -78.0615 GY   1.94
406                          -67.6533 GY   2.16
406                          -57.2451 GY   2.39
406                          -46.8369 GY   2.62
406                          -36.4287 GY   2.85
406                          -26.0205 GY   3.07
406                          -15.6123 GY   3.30
406                           -5.2041 GY   3.50
468                           -5.0625 GY   0.15
468                          -15.1875 GY   0.35
468                          -25.3125 GY   0.57
468                          -35.4375 GY   0.79
468                          -45.5625 GY   1.02
468                          -55.6875 GY   1.24
468                          -65.8125 GY   1.47
468                          -75.9375 GY   1.69
469                           -1.1260 GY   0.00
469                           -1.1279 GY   0.00
469                           -1.1299 GY   0.01
469                           -1.1318 GY   0.01
469                           -1.1338 GY   0.01
469                           -1.1357 GY   0.02
469                           -1.1377 GY   0.02
469                           -1.1396 GY   0.02
469  -365.0000 GY   0.02    0.27
469                          -49.3506 GY   0.34
469                          -45.3955 GY   0.48
469                          -41.4404 GY   0.63
469                          -37.4854 GY   0.77
469                          -33.5303 GY   0.91
469                          -29.5752 GY   1.05
469                          -25.6201 GY   1.19
```

469			-21.6650	GY	1.33
470			-11.4844	GY	0.04
470			-9.9531	GY	0.13
470			-8.4219	GY	0.22
470			-6.8906	GY	0.30
470			-5.3594	GY	0.39
470			-3.8281	GY	0.48
470			-2.2969	GY	0.56
470			-0.7656	GY	0.64
412			-5.2041	GY	0.15
412			-15.6123	GY	0.35
412			-26.0205	GY	0.58
412			-36.4287	GY	0.80
412			-46.8369	GY	1.03
412			-57.2451	GY	1.26
412			-67.6533	GY	1.49
412			-78.0616	GY	1.71
412			-78.0615	GY	1.94
412			-67.6533	GY	2.16
412			-57.2451	GY	2.39
412			-46.8369	GY	2.62
412			-36.4287	GY	2.85
412			-26.0205	GY	3.07
412			-15.6123	GY	3.30
412			-5.2041	GY	3.50
463			-5.2041	GY	0.15
463			-15.6123	GY	0.35
463			-26.0205	GY	0.58
463			-36.4287	GY	0.80
463			-46.8369	GY	1.03
463			-57.2451	GY	1.26
463			-67.6533	GY	1.49
463			-78.0615	GY	1.71
463	-365.0001	GY	1.82	2.07	
463			-78.0615	GY	2.19
463			-67.6533	GY	2.41
463			-57.2451	GY	2.64
463			-46.8369	GY	2.87
463			-36.4287	GY	3.10
463			-26.0205	GY	3.32
463			-15.6123	GY	3.55
463			-5.2041	GY	3.75
407			-0.7656	GY	0.06
407			-2.2969	GY	0.14
407			-3.8281	GY	0.22
407			-5.3594	GY	0.31
407			-6.8906	GY	0.40
407			-8.4219	GY	0.48
407			-9.9531	GY	0.57
407			-11.4844	GY	0.66
407	-140.0001	GY	0.70	3.50	
407			-11.4844	GY	3.54
407			-9.9531	GY	3.63
407			-8.4219	GY	3.72
407			-6.8906	GY	3.80
407			-5.3594	GY	3.89

```
407                          -3.8281 GY   3.98
407                          -2.2969 GY   4.06
407                          -0.7656 GY   4.14
452                          -0.7656 GY   0.06
452                          -2.2969 GY   0.14
452                          -3.8281 GY   0.22
452                          -5.3594 GY   0.31
452                          -6.8906 GY   0.40
452                          -8.4219 GY   0.48
452                          -9.9531 GY   0.57
452                         -11.4844 GY   0.66
452                         -11.4844 GY   0.74
452                          -9.9531 GY   0.83
452                          -8.4219 GY   0.92
452                          -6.8906 GY   1.00
452                          -5.3594 GY   1.09
452                          -3.8281 GY   1.18
452                          -2.2969 GY   1.26
452                          -0.7656 GY   1.34
409                          -0.7656 GY   0.06
409                          -2.2969 GY   0.14
409                          -3.8281 GY   0.22
409                          -5.3594 GY   0.31
409                          -6.8906 GY   0.40
409                          -8.4219 GY   0.48
409                          -9.9531 GY   0.57
409                         -11.4844 GY   0.66
409  -140.0000 GY   0.70    3.50
409                         -11.4844 GY   3.54
409                          -9.9531 GY   3.63
409                          -8.4219 GY   3.72
409                          -6.8906 GY   3.80
409                          -5.3594 GY   3.89
409                          -3.8281 GY   3.98
409                          -2.2969 GY   4.06
409                          -0.7656 GY   4.14
441                          -0.7656 GY   0.06
441                          -2.2969 GY   0.14
441                          -3.8281 GY   0.22
441                          -5.3594 GY   0.31
441                          -6.8906 GY   0.40
441                          -8.4219 GY   0.48
441                          -9.9531 GY   0.57
441                         -11.4844 GY   0.66
441                         -11.4844 GY   0.74
441                          -9.9531 GY   0.83
441                          -8.4219 GY   0.92
441                          -6.8906 GY   1.00
441                          -5.3594 GY   1.09
441                          -3.8281 GY   1.18
441                          -2.2969 GY   1.26
441                          -0.7656 GY   1.34
408                          -0.7656 GY   0.06
408                          -2.2969 GY   0.14
408                          -3.8281 GY   0.22
408                          -5.3594 GY   0.31
```

```
408                          -6.8906 GY   0.40
408                          -8.4219 GY   0.48
408                          -9.9531 GY   0.57
408                         -11.4844 GY   0.66
408  -140.0000 GY   0.70    3.50
408                         -11.4844 GY   3.54
408                          -9.9531 GY   3.63
408                          -8.4219 GY   3.72
408                          -6.8906 GY   3.80
408                          -5.3594 GY   3.89
408                          -3.8281 GY   3.98
408                          -2.2969 GY   4.06
408                          -0.7656 GY   4.14
478                          -0.7656 GY   0.06
478                          -2.2969 GY   0.14
478                          -3.8281 GY   0.22
478                          -5.3594 GY   0.31
478                          -6.8906 GY   0.40
478                          -8.4219 GY   0.48
478                          -9.9531 GY   0.57
478                         -11.4844 GY   0.66
478                         -11.4844 GY   0.74
478                          -9.9531 GY   0.83
478                          -8.4219 GY   0.92
478                          -6.8906 GY   1.00
478                          -5.3594 GY   1.09
478                          -3.8281 GY   1.18
478                          -2.2969 GY   1.26
478                          -0.7656 GY   1.34
410                          -0.7656 GY   0.06
410                          -2.2969 GY   0.14
410                          -3.8281 GY   0.22
410                          -5.3594 GY   0.31
410                          -6.8906 GY   0.40
410                          -8.4219 GY   0.48
410                          -9.9531 GY   0.57
410                         -11.4844 GY   0.66
410  -140.0001 GY   0.70    3.50
410                         -11.4844 GY   3.54
410                          -9.9531 GY   3.63
410                          -8.4219 GY   3.72
410                          -6.8906 GY   3.80
410                          -5.3594 GY   3.89
410                          -3.8281 GY   3.98
410                          -2.2969 GY   4.06
410                          -0.7656 GY   4.14
469                          -0.7656 GY   0.06
469                          -2.2969 GY   0.14
469                          -3.8281 GY   0.22
469                          -5.3594 GY   0.31
469                          -6.8906 GY   0.40
469                          -8.4219 GY   0.48
469                          -9.9531 GY   0.57
469                         -11.4844 GY   0.66
469                         -11.4844 GY   0.74
469                          -9.9531 GY   0.83
```

```
469                          -8.4219 GY   0.92
469                          -6.8906 GY   1.00
469                          -5.3594 GY   1.09
469                          -3.8281 GY   1.18
469                          -2.2969 GY   1.26
469                          -0.7656 GY   1.34
409                          -6.8906 GY   0.18
409                         -20.6719 GY   0.41
409                         -34.4531 GY   0.67
409                         -48.2344 GY   0.93
409                         -62.0156 GY   1.19
409                         -75.7969 GY   1.45
409                         -89.5781 GY   1.71
409                        -103.3594 GY   1.97
409                        -103.3594 GY   2.23
409                         -89.5781 GY   2.49
409                         -75.7969 GY   2.75
409                         -62.0156 GY   3.01
409                         -48.2344 GY   3.28
409                         -34.4531 GY   3.54
409                         -20.6719 GY   3.79
409                          -6.8906 GY   4.03
453                          -0.7656 GY   0.06
453                          -2.2969 GY   0.14
453                          -3.8281 GY   0.22
453                          -5.3594 GY   0.31
453                          -6.8906 GY   0.40
453                          -8.4219 GY   0.48
453                          -9.9531 GY   0.57
453                         -11.4844 GY   0.66
454                         -27.5625 GY   0.09
454                         -33.6875 GY   0.27
454                         -39.8125 GY   0.44
454                         -45.9375 GY   0.61
454                         -52.0625 GY   0.79
454                         -58.1875 GY   0.96
454                         -64.3125 GY   1.14
454                         -70.4375 GY   1.31
454  -420.0001 GY   1.40    2.00
454                        -103.3594 GY   2.13
454                         -89.5781 GY   2.39
454                         -75.7969 GY   2.65
454                         -62.0156 GY   2.91
454                         -48.2344 GY   3.17
454                         -34.4531 GY   3.43
454                         -20.6719 GY   3.69
454                          -6.8906 GY   3.92
414                         -13.6406 GY   0.02
414                         -13.9219 GY   0.06
414                         -14.2031 GY   0.09
414                         -14.4844 GY   0.13
414                         -14.7656 GY   0.17
414                         -15.0469 GY   0.21
414                         -15.3281 GY   0.24
414                         -15.6094 GY   0.28
414                        -103.3594 GY   0.43
```

414			-89.5781	GY	0.69
414			-75.7969	GY	0.95
414			-62.0156	GY	1.21
414			-48.2344	GY	1.48
414			-34.4531	GY	1.74
414			-20.6719	GY	1.99
414			-6.8906	GY	2.23
413			-5.0625	GY	0.15
413			-15.1875	GY	0.35
413			-25.3125	GY	0.57
413			-35.4375	GY	0.79
413			-45.5625	GY	1.02
413			-55.6875	GY	1.24
413			-65.8125	GY	1.47
413			-75.9375	GY	1.69
442			-6.8906	GY	0.17
442			-20.6719	GY	0.41
442			-34.4531	GY	0.66
442			-48.2344	GY	0.92
442			-62.0156	GY	1.19
442			-75.7969	GY	1.45
442			-89.5781	GY	1.71
442			-103.3594	GY	1.97
442	-420.0001	GY	2.10	2.70	
442			-103.3594	GY	2.83
442			-89.5781	GY	3.09
442			-75.7969	GY	3.35
442			-62.0156	GY	3.61
442			-48.2344	GY	3.87
442			-34.4531	GY	4.14
442			-20.6719	GY	4.39
442			-6.8906	GY	4.62
410			-6.8906	GY	0.18
410			-20.6719	GY	0.41
410			-34.4531	GY	0.67
410			-48.2344	GY	0.93
410			-62.0156	GY	1.19
410			-75.7969	GY	1.45
410			-89.5781	GY	1.71
410			-103.3594	GY	1.97
410			-103.3593	GY	2.23
410			-89.5781	GY	2.49
410			-75.7968	GY	2.75
410			-62.0156	GY	3.01
410			-48.2343	GY	3.27
410			-34.4531	GY	3.53
410			-20.6719	GY	3.79
410			-6.8906	GY	4.02
479			-6.8906	GY	0.17
479			-20.6719	GY	0.41
479			-34.4531	GY	0.66
479			-48.2343	GY	0.92
479			-62.0156	GY	1.19
479			-75.7968	GY	1.45
479			-89.5781	GY	1.71
479			-103.3593	GY	1.97

479	-419.9999 GY	2.10	2.70		
479			-103.3594 GY	2.83	
479			-89.5781 GY	3.09	
479			-75.7969 GY	3.35	
479			-62.0156 GY	3.61	
479			-48.2344 GY	3.87	
479			-34.4531 GY	4.14	
479			-20.6719 GY	4.39	
479			-6.8906 GY	4.62	
418			-17.2500 GY	0.03	
418			-17.7500 GY	0.08	
418			-18.2500 GY	0.13	
418			-18.7500 GY	0.18	
418			-19.2500 GY	0.23	
418			-19.7500 GY	0.28	
418			-20.2500 GY	0.33	
418			-20.7500 GY	0.38	
418			-103.3594 GY	0.53	
418			-89.5781 GY	0.79	
418			-75.7969 GY	1.05	
418			-62.0156 GY	1.31	
418			-48.2344 GY	1.57	
418			-34.4531 GY	1.83	
418			-20.6719 GY	2.09	
418			-6.8906 GY	2.32	
417			-4.5156 GY	0.14	
417			-13.5469 GY	0.33	
417			-22.5781 GY	0.54	
417			-31.6094 GY	0.75	
417			-40.6406 GY	0.96	
417			-49.6719 GY	1.17	
417			-58.7032 GY	1.38	
417			-67.7344 GY	1.60	
471			-27.5625 GY	0.09	
471			-33.6875 GY	0.27	
471			-39.8125 GY	0.44	
471			-45.9375 GY	0.61	
471			-52.0625 GY	0.79	
471			-58.1875 GY	0.96	
471			-64.3125 GY	1.14	
471			-70.4375 GY	1.31	
471	-420.0001 GY	1.40	2.00		
471			-103.3594 GY	2.13	
471			-89.5781 GY	2.39	
471			-75.7969 GY	2.65	
471			-62.0156 GY	2.91	
471			-48.2344 GY	3.17	
471			-34.4531 GY	3.43	
471			-20.6719 GY	3.69	
471			-6.8906 GY	3.92	
470			-0.7656 GY	0.06	
470			-2.2969 GY	0.14	
470			-3.8281 GY	0.22	
470			-5.3594 GY	0.31	
470			-6.8906 GY	0.40	
470			-8.4219 GY	0.48	

470			-9.9531	GY	0.57
470			-11.4844	GY	0.66
411			-5.2041	GY	0.15
411			-15.6123	GY	0.35
411			-26.0205	GY	0.58
411			-36.4287	GY	0.80
411			-46.8369	GY	1.03
411			-57.2451	GY	1.26
411			-67.6533	GY	1.49
411			-78.0615	GY	1.71
411			-78.0615	GY	1.94
411			-67.6533	GY	2.16
411			-57.2451	GY	2.39
411			-46.8369	GY	2.62
411			-36.4287	GY	2.85
411			-26.0205	GY	3.07
411			-15.6123	GY	3.30
411			-5.2041	GY	3.50
464			-5.2041	GY	0.15
464			-15.6123	GY	0.35
464			-26.0205	GY	0.58
464			-36.4287	GY	0.80
464			-46.8369	GY	1.03
464			-57.2451	GY	1.26
464			-67.6533	GY	1.49
464			-78.0615	GY	1.71
464	-364.9999	GY	1.82	2.28	
464			-78.0615	GY	2.39
464			-67.6533	GY	2.61
464			-57.2451	GY	2.84
464			-46.8369	GY	3.07
464			-36.4287	GY	3.30
464			-26.0205	GY	3.52
464			-15.6123	GY	3.75
464			-5.2041	GY	3.95
415			-5.2041	GY	0.15
415			-15.6123	GY	0.35
415			-26.0205	GY	0.58
415			-36.4287	GY	0.80
415			-46.8369	GY	1.03
415			-57.2451	GY	1.26
415			-67.6533	GY	1.49
415			-78.0615	GY	1.71
415			-78.0615	GY	1.94
415			-67.6533	GY	2.16
415			-57.2451	GY	2.39
415			-46.8369	GY	2.62
415			-36.4287	GY	2.85
415			-26.0205	GY	3.07
415			-15.6123	GY	3.30
415			-5.2041	GY	3.50
454			-5.2041	GY	0.15
454			-15.6123	GY	0.35
454			-26.0205	GY	0.58
454			-36.4287	GY	0.80
454			-46.8369	GY	1.03

```
454                          -57.2451 GY   1.26
454                          -67.6533 GY   1.49
454                          -78.0615 GY   1.71
454  -365.0001 GY   1.82    2.28
454                          -78.0615 GY   2.39
454                          -67.6533 GY   2.61
454                          -57.2451 GY   2.84
454                          -46.8369 GY   3.07
454                          -36.4287 GY   3.30
454                          -26.0205 GY   3.52
454                          -15.6123 GY   3.75
454                           -5.2041 GY   3.95
412                           -5.2041 GY   0.15
412                          -15.6123 GY   0.35
412                          -26.0205 GY   0.58
412                          -36.4287 GY   0.80
412                          -46.8369 GY   1.03
412                          -57.2451 GY   1.26
412                          -67.6533 GY   1.49
412                          -78.0615 GY   1.71
412                          -78.0616 GY   1.94
412                          -67.6534 GY   2.16
412                          -57.2451 GY   2.39
412                          -46.8369 GY   2.62
412                          -36.4287 GY   2.85
412                          -26.0205 GY   3.07
412                          -15.6123 GY   3.30
412                           -5.2041 GY   3.50
471                           -5.2041 GY   0.15
471                          -15.6123 GY   0.35
471                          -26.0205 GY   0.58
471                          -36.4287 GY   0.80
471                          -46.8369 GY   1.03
471                          -57.2451 GY   1.26
471                          -67.6533 GY   1.49
471                          -78.0615 GY   1.71
471  -365.0002 GY   1.82    2.28
471                          -78.0615 GY   2.39
471                          -67.6533 GY   2.61
471                          -57.2451 GY   2.84
471                          -46.8369 GY   3.07
471                          -36.4287 GY   3.30
471                          -26.0205 GY   3.52
471                          -15.6123 GY   3.75
471                           -5.2041 GY   3.95
416                           -5.2041 GY   0.15
416                          -15.6123 GY   0.35
416                          -26.0205 GY   0.58
416                          -36.4287 GY   0.80
416                          -46.8369 GY   1.03
416                          -57.2451 GY   1.26
416                          -67.6533 GY   1.49
416                          -78.0615 GY   1.71
416                          -78.0615 GY   1.94
416                          -67.6533 GY   2.16
416                          -57.2451 GY   2.39
```

```
416                          -46.8369 GY   2.62
416                          -36.4287 GY   2.85
416                          -26.0205 GY   3.07
416                          -15.6123 GY   3.30
416                           -5.2041 GY   3.50
464                           -5.2041 GY   0.15
464                          -15.6123 GY   0.35
464                          -26.0205 GY   0.58
464                          -36.4287 GY   0.80
464                          -46.8369 GY   1.03
464                          -57.2451 GY   1.26
464                          -67.6533 GY   1.49
464                          -78.0615 GY   1.71
464  -364.9999 GY   1.82    2.28
464                          -78.0615 GY   2.39
464                          -67.6533 GY   2.61
464                          -57.2451 GY   2.84
464                          -46.8369 GY   3.07
464                          -36.4287 GY   3.30
464                          -26.0205 GY   3.52
464                          -15.6123 GY   3.75
464                           -5.2041 GY   3.95
413                           -1.2656 GY   0.08
413                           -3.7969 GY   0.17
413                           -6.3281 GY   0.28
413                           -8.8594 GY   0.40
413                          -11.3906 GY   0.51
413                          -13.9219 GY   0.62
413                          -16.4531 GY   0.73
413                          -18.9844 GY   0.84
413                          -18.9844 GY   0.95
413                          -16.4531 GY   1.07
413                          -13.9219 GY   1.18
413                          -11.3906 GY   1.29
413                           -8.8594 GY   1.40
413                           -6.3281 GY   1.51
413                           -3.7969 GY   1.62
413                           -1.2656 GY   1.72
449                           -1.2656 GY   0.08
449                           -3.7969 GY   0.18
449                           -6.3281 GY   0.29
449                           -8.8594 GY   0.40
449                          -11.3906 GY   0.51
449                          -13.9219 GY   0.62
449                          -16.4531 GY   0.73
449                          -18.9844 GY   0.85
449  -180.0000 GY   0.90    1.30
449                          -18.9844 GY   1.36
449                          -16.4531 GY   1.47
449                          -13.9219 GY   1.58
449                          -11.3906 GY   1.69
449                           -8.8594 GY   1.80
449                           -6.3281 GY   1.91
449                           -3.7969 GY   2.02
449                           -1.2656 GY   2.12
419                           -1.2656 GY   0.08
```

```
419                          -3.7969 GY   0.17
419                          -6.3281 GY   0.28
419                          -8.8594 GY   0.40
419                         -11.3906 GY   0.51
419                         -13.9219 GY   0.62
419                         -16.4531 GY   0.73
419                         -18.9844 GY   0.84
419                         -18.9844 GY   0.95
419                         -16.4531 GY   1.07
419                         -13.9219 GY   1.18
419                         -11.3906 GY   1.29
419                          -8.8594 GY   1.40
419                          -6.3281 GY   1.51
419                          -3.7969 GY   1.62
419                          -1.2656 GY   1.72
443                          -1.2656 GY   0.08
443                          -3.7969 GY   0.18
443                          -6.3281 GY   0.29
443                          -8.8594 GY   0.40
443                         -11.3906 GY   0.51
443                         -13.9219 GY   0.62
443                         -16.4531 GY   0.73
443                         -18.9844 GY   0.85
443  -180.0000 GY   0.90    1.30
443                         -18.9844 GY   1.36
443                         -16.4531 GY   1.47
443                         -13.9219 GY   1.58
443                         -11.3906 GY   1.69
443                          -8.8594 GY   1.80
443                          -6.3281 GY   1.91
443                          -3.7969 GY   2.02
443                          -1.2656 GY   2.12
414                          -1.8906 GY   0.09
414                          -5.6719 GY   0.21
414                          -9.4531 GY   0.35
414                         -13.2344 GY   0.48
414                         -17.0156 GY   0.62
414                         -20.7969 GY   0.76
414                         -24.5781 GY   0.90
414                         -28.3594 GY   1.03
414  -220.0001 GY   1.10    1.30
414                         -28.3594 GY   1.37
414                         -24.5781 GY   1.50
414                         -20.7969 GY   1.64
414                         -17.0156 GY   1.78
414                         -13.2344 GY   1.92
414                          -9.4531 GY   2.05
414                          -5.6719 GY   2.19
414                          -1.8906 GY   2.31
455                          -1.8906 GY   0.09
455                          -5.6719 GY   0.21
455                          -9.4531 GY   0.35
455                         -13.2344 GY   0.48
455                         -17.0156 GY   0.62
455                         -20.7969 GY   0.76
455                         -24.5781 GY   0.90
```

```
455                          -28.3594 GY   1.03
455                          -28.3594 GY   1.17
455                          -24.5781 GY   1.30
455                          -20.7969 GY   1.44
455                          -17.0156 GY   1.58
455                          -13.2344 GY   1.72
455                           -9.4531 GY   1.85
455                           -5.6719 GY   1.99
455                           -1.8906 GY   2.11
420                           -1.8906 GY   0.09
420                           -5.6719 GY   0.21
420                           -9.4531 GY   0.35
420                          -13.2344 GY   0.48
420                          -17.0156 GY   0.62
420                          -20.7969 GY   0.76
420                          -24.5781 GY   0.90
420                          -28.3594 GY   1.03
420  -219.9999 GY   1.10    1.30
420                          -28.3593 GY   1.37
420                          -24.5781 GY   1.50
420                          -20.7969 GY   1.64
420                          -17.0156 GY   1.78
420                          -13.2344 GY   1.92
420                           -9.4531 GY   2.05
420                           -5.6719 GY   2.19
420                           -1.8906 GY   2.31
449                           -1.8906 GY   0.09
449                           -5.6719 GY   0.21
449                           -9.4531 GY   0.35
449                          -13.2344 GY   0.48
449                          -17.0156 GY   0.62
449                          -20.7969 GY   0.76
449                          -24.5781 GY   0.90
449                          -28.3594 GY   1.03
449                          -28.3594 GY   1.17
449                          -24.5781 GY   1.30
449                          -20.7969 GY   1.44
449                          -17.0156 GY   1.58
449                          -13.2344 GY   1.72
449                           -9.4531 GY   1.85
449                           -5.6719 GY   1.99
449                           -1.8906 GY   2.11
472                           -3.5156 GY   0.12
472                          -10.5469 GY   0.29
472                          -17.5781 GY   0.47
472                          -24.6094 GY   0.66
472                          -31.6406 GY   0.85
472                          -38.6719 GY   1.03
472                          -45.7031 GY   1.22
472                          -52.7344 GY   1.41
472                          -52.7344 GY   1.59
472                          -45.7031 GY   1.78
472                          -38.6719 GY   1.97
472                          -31.6406 GY   2.15
472                          -24.6094 GY   2.34
472                          -17.5781 GY   2.52
```

472			-10.5469	GY	2.71
472			-3.5156	GY	2.87
422			-52.7344	GY	0.29
422			-45.7031	GY	0.48
422			-38.6719	GY	0.67
422			-31.6406	GY	0.85
422			-24.6094	GY	1.04
422			-17.5781	GY	1.23
422			-10.5469	GY	1.41
422			-3.5156	GY	1.58
422	-300.0000	GY 0.00	0.20		
421			-3.5156	GY	0.12
421			-10.5469	GY	0.29
421			-17.5781	GY	0.47
421			-24.6094	GY	0.66
421			-31.6406	GY	0.85
421			-38.6718	GY	1.03
421			-45.7031	GY	1.22
421			-52.7343	GY	1.41
421	-299.9998	GY 1.50	5.60		
456			-15.0000	GY	0.05
456			-13.0000	GY	0.15
456			-11.0000	GY	0.25
456			-9.0000	GY	0.35
456			-7.0000	GY	0.45
456			-5.0000	GY	0.55
456			-3.0000	GY	0.64
456			-1.0000	GY	0.73
455			-3.5156	GY	0.12
455			-10.5469	GY	0.29
455			-17.5781	GY	0.47
455			-24.6094	GY	0.66
455			-31.6406	GY	0.85
455			-38.6719	GY	1.03
455			-45.7031	GY	1.22
455			-52.7344	GY	1.41
455			-25.4844	GY	1.54
455			-23.9531	GY	1.63
455			-22.4219	GY	1.72
455			-20.8906	GY	1.81
455			-19.3594	GY	1.89
455			-17.8281	GY	1.98
455			-16.2969	GY	2.07
455			-14.7656	GY	2.16
416	-300.0000	GY 0.00	2.15		
416			-52.7344	GY	2.24
416			-45.7031	GY	2.43
416			-38.6719	GY	2.62
416			-31.6406	GY	2.80
416			-24.6094	GY	2.99
416			-17.5781	GY	3.18
416			-10.5469	GY	3.36
416			-3.5156	GY	3.53
415	-300.0000	GY 1.50	3.65		
415			-3.5156	GY	0.12
415			-10.5469	GY	0.29

415			-17.5781	GY	0.47
415			-24.6094	GY	0.66
415			-31.6406	GY	0.85
415			-38.6719	GY	1.03
415			-45.7031	GY	1.22
415			-52.7344	GY	1.41
417			-1.1289	GY	0.07
417			-3.3867	GY	0.17
417			-5.6445	GY	0.27
417			-7.9023	GY	0.37
417			-10.1602	GY	0.48
417			-12.4180	GY	0.59
417			-14.6758	GY	0.69
417			-16.9336	GY	0.80
417			-16.9336	GY	0.90
417			-14.6758	GY	1.01
417			-12.4180	GY	1.11
417			-10.1602	GY	1.22
417			-7.9023	GY	1.33
417			-5.6445	GY	1.43
417			-3.3867	GY	1.53
417			-1.1289	GY	1.63
476			-1.1289	GY	0.07
476			-3.3867	GY	0.17
476			-5.6445	GY	0.27
476			-7.9024	GY	0.37
476			-10.1602	GY	0.48
476			-12.4180	GY	0.59
476			-14.6758	GY	0.69
476			-16.9336	GY	0.80
476	-170.0001	GY	0.85	2.15	
476			-16.9336	GY	2.20
476			-14.6758	GY	2.31
476			-12.4180	GY	2.41
476			-10.1602	GY	2.52
476			-7.9024	GY	2.63
476			-5.6445	GY	2.73
476			-3.3867	GY	2.83
476			-1.1289	GY	2.93
424			-15.0001	GY	0.05
424			-13.0000	GY	0.15
424			-11.0000	GY	0.25
424			-9.0000	GY	0.35
424			-7.0000	GY	0.45
424			-5.0000	GY	0.55
424			-3.0000	GY	0.64
424			-1.0000	GY	0.73
423			-1.1289	GY	0.07
423			-3.3867	GY	0.17
423			-5.6445	GY	0.27
423			-7.9024	GY	0.37
423			-10.1602	GY	0.48
423			-12.4180	GY	0.59
423			-14.6758	GY	0.69
423			-16.9336	GY	0.80
423			-1.0586	GY	0.85

```
423                          -1.0508 GY   0.86
423                          -1.0430 GY   0.87
423                          -1.0351 GY   0.87
423                          -1.0273 GY   0.88
423                          -1.0195 GY   0.88
423                          -1.0117 GY   0.89
423                          -1.0039 GY   0.90
472                          -1.1289 GY   0.07
472                          -3.3867 GY   0.17
472                          -5.6445 GY   0.27
472                          -7.9024 GY   0.37
472                         -10.1602 GY   0.48
472                         -12.4180 GY   0.59
472                         -14.6758 GY   0.69
472                         -16.9336 GY   0.80
472  -170.0001 GY   0.85    2.15
472                         -16.9336 GY   2.20
472                         -14.6758 GY   2.31
472                         -12.4180 GY   2.41
472                         -10.1602 GY   2.52
472                          -7.9024 GY   2.63
472                          -5.6445 GY   2.73
472                          -3.3867 GY   2.83
472                          -1.1289 GY   2.93
418                          -2.4414 GY   0.10
418                          -7.3242 GY   0.24
418                         -12.2070 GY   0.40
418                         -17.0898 GY   0.55
418                         -21.9726 GY   0.71
418                         -26.8554 GY   0.86
418                         -31.7382 GY   1.02
418                         -36.6210 GY   1.17
418                         -36.6211 GY   1.33
418                         -31.7383 GY   1.48
418                         -26.8555 GY   1.64
418                         -21.9726 GY   1.79
418                         -17.0898 GY   1.95
418                         -12.2070 GY   2.10
418                          -7.3242 GY   2.26
418                          -2.4414 GY   2.40
480                          -2.4414 GY   0.10
480                          -7.3242 GY   0.24
480                         -12.2070 GY   0.40
480                         -17.0898 GY   0.55
480                         -21.9726 GY   0.71
480                         -26.8555 GY   0.86
480                         -31.7383 GY   1.02
480                         -36.6211 GY   1.17
480  -250.0000 GY   1.25    1.75
480                         -36.6211 GY   1.83
480                         -31.7383 GY   1.98
480                         -26.8555 GY   2.14
480                         -21.9727 GY   2.29
480                         -17.0898 GY   2.45
480                         -12.2070 GY   2.60
480                          -7.3242 GY   2.76
```

480			-2.4414 GY	2.90
425			-2.4414 GY	0.10
425			-7.3242 GY	0.24
425			-12.2070 GY	0.40
425			-17.0898 GY	0.55
425			-21.9726 GY	0.71
425			-26.8555 GY	0.86
425			-31.7383 GY	1.02
425			-36.6211 GY	1.17
425			-36.6211 GY	1.33
425			-31.7383 GY	1.48
425			-26.8555 GY	1.64
425			-21.9727 GY	1.79
425			-17.0898 GY	1.95
425			-12.2070 GY	2.10
425			-7.3242 GY	2.26
425			-2.4414 GY	2.40
476			-2.4414 GY	0.10
476			-7.3242 GY	0.24
476			-12.2070 GY	0.40
476			-17.0898 GY	0.55
476			-21.9726 GY	0.71
476			-26.8554 GY	0.86
476			-31.7382 GY	1.02
476			-36.6210 GY	1.17
476	-249.9998 GY	1.25	1.75	
476			-36.6211 GY	1.83
476			-31.7383 GY	1.98
476			-26.8555 GY	2.14
476			-21.9726 GY	2.29
476			-17.0898 GY	2.45
476			-12.2070 GY	2.60
476			-7.3242 GY	2.76
476			-2.4414 GY	2.90
456			-1.0000 GY	0.07
456			-3.0000 GY	0.16
456			-5.0000 GY	0.25
456			-7.0000 GY	0.35
456			-9.0000 GY	0.45
456			-11.0000 GY	0.55
456			-13.0000 GY	0.65
456			-15.0000 GY	0.75
457			-15.0000 GY	0.05
457			-13.0000 GY	0.15
457			-11.0000 GY	0.25
457			-9.0000 GY	0.35
457			-7.0000 GY	0.45
457			-5.0000 GY	0.55
457			-3.0000 GY	0.64
457			-1.0000 GY	0.73
426			-1.0000 GY	0.07
426			-3.0000 GY	0.16
426			-5.0000 GY	0.25
426			-7.0000 GY	0.35
426			-9.0000 GY	0.45
426			-11.0000 GY	0.55

```
426                          -13.0000 GY   0.65
426                          -15.0000 GY   0.75
426  -160.0000 GY   0.80    3.40
426                          -15.0000 GY   3.45
426                          -13.0000 GY   3.55
426                          -11.0000 GY   3.65
426                           -9.0000 GY   3.75
426                           -7.0000 GY   3.85
426                           -5.0000 GY   3.95
426                           -3.0000 GY   4.04
426                           -1.0000 GY   4.13
445                           -0.2344 GY   0.01
445                           -0.2031 GY   0.02
445                           -0.1719 GY   0.03
445                           -0.1406 GY   0.04
445                           -0.1094 GY   0.06
445                           -0.0781 GY   0.07
445                           -0.0469 GY   0.08
445                           -0.0156 GY   0.09
444                           -1.0000 GY   0.07
444                           -3.0000 GY   0.16
444                           -5.0000 GY   0.25
444                           -7.0000 GY   0.35
444                           -9.0000 GY   0.45
444                          -11.0000 GY   0.55
444                          -13.0000 GY   0.65
444                          -15.0000 GY   0.75
444                          -13.2344 GY   0.84
444                          -11.7031 GY   0.93
444                          -10.1719 GY   1.02
444                           -8.6406 GY   1.10
444                           -7.1094 GY   1.19
444                           -5.5781 GY   1.28
444                           -4.0469 GY   1.37
444                           -2.5156 GY   1.45
420  -160.0000 GY   0.00    1.60
420                          -15.0000 GY   1.65
420                          -13.0000 GY   1.75
420                          -11.0000 GY   1.85
420                           -9.0000 GY   1.95
420                           -7.0000 GY   2.05
420                           -5.0000 GY   2.15
420                           -3.0000 GY   2.24
420                           -1.0000 GY   2.33
419  -160.0000 GY   0.80    1.80
419                           -1.0000 GY   0.07
419                           -3.0000 GY   0.16
419                           -5.0000 GY   0.25
419                           -7.0000 GY   0.35
419                           -9.0000 GY   0.45
419                          -11.0000 GY   0.55
419                          -13.0000 GY   0.65
419                          -15.0000 GY   0.75
421                          -11.3906 GY   0.23
421                          -34.1719 GY   0.53
421                          -56.9532 GY   0.86
```

421			-79.7344 GY	1.19
421			-102.5157 GY	1.53
421			-125.2970 GY	1.86
421			-148.0782 GY	2.20
421			-170.8595 GY	2.54
421	-540.0001 GY	2.70	2.90	
421			-170.8594 GY	3.06
421			-148.0782 GY	3.40
421			-125.2969 GY	3.74
421			-102.5157 GY	4.07
421			-79.7344 GY	4.41
421			-56.9531 GY	4.74
421			-34.1719 GY	5.07
421			-11.3906 GY	5.38
465			-11.3906 GY	0.22
465			-34.1719 GY	0.52
465			-56.9531 GY	0.85
465			-79.7344 GY	1.19
465			-102.5156 GY	1.52
465			-125.2969 GY	1.86
465			-148.0781 GY	2.20
465			-170.8594 GY	2.53
465			-170.8594 GY	2.86
465			-148.0782 GY	3.20
465			-125.2969 GY	3.54
465			-102.5157 GY	3.88
465			-79.7344 GY	4.21
465			-56.9531 GY	4.55
465			-34.1719 GY	4.88
465			-11.3906 GY	5.18
431			-123.9844 GY	0.14
431			-107.4531 GY	0.43
431			-90.9219 GY	0.71
431			-74.3906 GY	1.00
431			-57.8594 GY	1.29
431			-41.3281 GY	1.57
431			-24.7969 GY	1.85
431			-8.2656 GY	2.11
430			-11.3906 GY	0.23
430			-34.1719 GY	0.53
430			-56.9531 GY	0.86
430			-79.7344 GY	1.19
430			-102.5156 GY	1.53
430			-125.2969 GY	1.86
430			-148.0782 GY	2.20
430			-170.8594 GY	2.54
430	-539.9999 GY	2.70	2.90	
430			-26.7501 GY	2.92
430			-26.2501 GY	2.97
430			-25.7501 GY	3.02
430			-25.2500 GY	3.07
430			-24.7501 GY	3.12
430			-24.2500 GY	3.17
430			-23.7500 GY	3.22
430			-23.2500 GY	3.27
459			-52.7344 GY	0.09

```
459                          -45.7031 GY   0.28
459                          -38.6719 GY   0.47
459                          -31.6406 GY   0.65
459                          -24.6094 GY   0.84
459                          -17.5781 GY   1.02
459                          -10.5469 GY   1.21
459                           -3.5156 GY   1.37
458                          -43.6407 GY   0.12
458                          -54.9219 GY   0.36
458                          -66.2032 GY   0.60
458                          -77.4844 GY   0.83
458                          -88.7657 GY   1.07
458                         -100.0469 GY   1.31
458                         -111.3282 GY   1.55
458                         -122.6094 GY   1.78
458                          -78.7500 GY   1.97
458                          -74.2500 GY   2.12
458                          -69.7500 GY   2.27
458                          -65.2500 GY   2.42
458                          -60.7500 GY   2.57
458                          -56.2500 GY   2.72
458                          -51.7500 GY   2.87
458                          -47.2500 GY   3.02
457                           -1.0000 GY   0.07
457                           -3.0000 GY   0.16
457                           -5.0000 GY   0.25
457                           -7.0000 GY   0.35
457                           -9.0000 GY   0.45
457                          -11.0000 GY   0.55
457                          -13.0000 GY   0.65
457                          -15.0000 GY   0.75
473  -259.9998 GY   1.30    2.00
473                           -2.6406 GY   0.11
473                           -7.9219 GY   0.25
473                          -13.2031 GY   0.41
473                          -18.4844 GY   0.57
473                          -23.7656 GY   0.73
473                          -29.0469 GY   0.90
473                          -34.3281 GY   1.06
473                          -39.6093 GY   1.22
474  -259.9998 GY   0.00    2.10
474                          -39.6093 GY   2.18
474                          -34.3281 GY   2.34
474                          -29.0468 GY   2.50
474                          -23.7656 GY   2.67
474                          -18.4844 GY   2.83
474                          -13.2031 GY   2.99
474                           -7.9219 GY   3.15
474                           -2.6406 GY   3.29
433                          -33.7500 GY   0.07
433                          -29.2500 GY   0.22
433                          -24.7500 GY   0.37
433                          -20.2500 GY   0.52
433                          -15.7500 GY   0.67
433                          -11.2500 GY   0.82
433                           -6.7500 GY   0.97
```

```
433                          -2.2500 GY   1.10
432                          -2.6406 GY   0.11
432                          -7.9219 GY   0.25
432                         -13.2031 GY   0.41
432                         -18.4844 GY   0.57
432                         -23.7656 GY   0.73
432                         -29.0468 GY   0.90
432                         -34.3281 GY   1.06
432                         -39.6093 GY   1.22
432                          -3.2344 GY   1.31
432                          -3.2031 GY   1.32
432                          -3.1719 GY   1.33
432                          -3.1406 GY   1.34
432                          -3.1094 GY   1.36
432                          -3.0781 GY   1.37
432                          -3.0469 GY   1.38
432                          -3.0156 GY   1.39
465                          -2.6406 GY   0.11
465                          -7.9219 GY   0.25
465                         -13.2031 GY   0.41
465                         -18.4844 GY   0.57
465                         -23.7656 GY   0.73
465                         -29.0469 GY   0.90
465                         -34.3281 GY   1.06
465                         -39.6094 GY   1.22
465  -260.0000 GY   1.30    4.10
465                         -39.6094 GY   4.18
465                         -34.3281 GY   4.34
465                         -29.0469 GY   4.50
465                         -23.7656 GY   4.67
465                         -18.4844 GY   4.83
465                         -13.2031 GY   4.99
465                          -7.9219 GY   5.15
465                          -2.6406 GY   5.29
423                         -18.9844 GY   0.05
423                         -16.4531 GY   0.17
423                         -13.9219 GY   0.28
423                         -11.3906 GY   0.39
423                          -8.8594 GY   0.50
423                          -6.3281 GY   0.61
423                          -3.7969 GY   0.72
423                          -1.2656 GY   0.82
422                          -2.6406 GY   0.11
422                          -7.9219 GY   0.25
422                         -13.2031 GY   0.41
422                         -18.4844 GY   0.57
422                         -23.7656 GY   0.73
422                         -29.0469 GY   0.90
422                         -34.3281 GY   1.06
422                         -39.6094 GY   1.22
422                         -12.7500 GY   1.32
422                         -12.2500 GY   1.37
422                         -11.7500 GY   1.42
422                         -11.2500 GY   1.47
422                         -10.7500 GY   1.52
422                         -10.2500 GY   1.57
```

```
422                          -9.7500 GY   1.62
422                          -9.2500 GY   1.67
481                          -1.5625 GY   0.08
481                          -4.6875 GY   0.19
481                          -7.8125 GY   0.32
481                         -10.9375 GY   0.44
481                         -14.0625 GY   0.56
481                         -17.1875 GY   0.69
481                         -20.3125 GY   0.81
481                         -23.4375 GY   0.94
481                         -23.4375 GY   1.06
481                         -20.3125 GY   1.19
481                         -17.1875 GY   1.31
481                         -14.0625 GY   1.44
481                         -10.9375 GY   1.56
481                          -7.8125 GY   1.68
481                          -4.6875 GY   1.81
481                          -1.5625 GY   1.92
427                          -1.5625 GY   0.08
427                          -4.6875 GY   0.19
427                          -7.8125 GY   0.32
427                         -10.9375 GY   0.44
427                         -14.0625 GY   0.56
427                         -17.1875 GY   0.69
427                         -20.3125 GY   0.81
427                         -23.4375 GY   0.94
427  -200.0002 GY   1.00    2.30
427                         -23.4375 GY   2.36
427                         -20.3125 GY   2.49
427                         -17.1875 GY   2.61
427                         -14.0625 GY   2.74
427                         -10.9375 GY   2.86
427                          -7.8125 GY   2.98
427                          -4.6875 GY   3.11
427                          -1.5625 GY   3.22
473                          -1.5625 GY   0.08
473                          -4.6875 GY   0.19
473                          -7.8125 GY   0.32
473                         -10.9375 GY   0.44
473                         -14.0625 GY   0.56
473                         -17.1875 GY   0.69
473                         -20.3125 GY   0.81
473                         -23.4375 GY   0.94
473                         -23.4375 GY   1.06
473                         -20.3125 GY   1.19
473                         -17.1875 GY   1.31
473                         -14.0625 GY   1.44
473                         -10.9375 GY   1.56
473                          -7.8125 GY   1.68
473                          -4.6875 GY   1.81
473                          -1.5625 GY   1.92
425                          -4.0625 GY   0.01
425                          -4.1875 GY   0.04
425                          -4.3125 GY   0.06
425                          -4.4375 GY   0.09
425                          -4.5625 GY   0.11
```

425			-4.6875 GY	0.14
425			-4.8125 GY	0.16
425			-4.9375 GY	0.19
425	-200.0000 GY	0.20	1.50		
425			-23.4375 GY	1.56
425			-20.3125 GY	1.69
425			-17.1875 GY	1.81
425			-14.0625 GY	1.94
425			-10.9375 GY	2.06
425			-7.8125 GY	2.18
425			-4.6875 GY	2.31
425			-1.5625 GY	2.42
424			-1.0000 GY	0.07
424			-3.0000 GY	0.16
424			-5.0000 GY	0.25
424			-7.0000 GY	0.35
424			-9.0000 GY	0.45
424			-11.0000 GY	0.55
424			-13.0000 GY	0.65
424			-15.0000 GY	0.75
426			-3.7539 GY	0.13
426			-11.2617 GY	0.30
426			-18.7695 GY	0.49
426			-26.2773 GY	0.68
426			-33.7852 GY	0.88
426			-41.2930 GY	1.07
426			-48.8008 GY	1.26
426			-56.3086 GY	1.46
426	-310.0000 GY	1.55	2.65		
426			-56.3086 GY	2.74
426			-48.8008 GY	2.94
426			-41.2930 GY	3.13
426			-33.7852 GY	3.32
426			-26.2773 GY	3.52
426			-18.7695 GY	3.71
426			-11.2617 GY	3.90
426			-3.7539 GY	4.07
458			-3.7539 GY	0.13
458			-11.2617 GY	0.30
458			-18.7695 GY	0.49
458			-26.2773 GY	0.68
458			-33.7851 GY	0.88
458			-41.2929 GY	1.07
458			-48.8008 GY	1.26
458			-56.3086 GY	1.46
458			-56.3086 GY	1.64
458			-48.8008 GY	1.84
458			-41.2930 GY	2.03
458			-33.7852 GY	2.22
458			-26.2773 GY	2.42
458			-18.7695 GY	2.61
458			-11.2617 GY	2.80
458			-3.7539 GY	2.97
428			-3.7539 GY	0.13
428			-11.2617 GY	0.30
428			-18.7695 GY	0.49

```
428                          -26.2773 GY   0.68
428                          -33.7851 GY   0.88
428                          -41.2929 GY   1.07
428                          -48.8007 GY   1.26
428                          -56.3086 GY   1.46
428  -309.9998 GY   1.55    2.65
428                          -56.3086 GY   2.74
428                          -48.8007 GY   2.94
428                          -41.2929 GY   3.13
428                          -33.7851 GY   3.32
428                          -26.2773 GY   3.52
428                          -18.7695 GY   3.71
428                          -11.2617 GY   3.90
428                           -3.7539 GY   4.07
446                           -3.7539 GY   0.13
446                          -11.2617 GY   0.30
446                          -18.7695 GY   0.49
446                          -26.2773 GY   0.68
446                          -33.7852 GY   0.88
446                          -41.2930 GY   1.07
446                          -48.8008 GY   1.26
446                          -56.3086 GY   1.46
446                          -56.3086 GY   1.64
446                          -48.8008 GY   1.84
446                          -41.2929 GY   2.03
446                          -33.7851 GY   2.22
446                          -26.2773 GY   2.42
446                          -18.7695 GY   2.61
446                          -11.2617 GY   2.80
446                           -3.7539 GY   2.97
427                           -4.2539 GY   0.14
427                          -12.7617 GY   0.32
427                          -21.2695 GY   0.52
427                          -29.7773 GY   0.73
427                          -38.2852 GY   0.93
427                          -46.7930 GY   1.14
427                          -55.3008 GY   1.34
427                          -63.8086 GY   1.55
427                          -63.8086 GY   1.75
427                          -55.3008 GY   1.96
427                          -46.7930 GY   2.16
427                          -38.2851 GY   2.37
427                          -29.7773 GY   2.57
427                          -21.2695 GY   2.78
427                          -12.7617 GY   2.98
427                           -4.2539 GY   3.16
482                           -4.2539 GY   0.14
482                          -12.7617 GY   0.32
482                          -21.2695 GY   0.52
482                          -29.7773 GY   0.73
482                          -38.2851 GY   0.93
482                          -46.7930 GY   1.14
482                          -55.3008 GY   1.34
482                          -63.8086 GY   1.55
482  -330.0000 GY   1.65    1.75
482                          -63.8086 GY   1.85
```

```
482                          -55.3008 GY   2.06
482                          -46.7930 GY   2.26
482                          -38.2851 GY   2.47
482                          -29.7773 GY   2.67
482                          -21.2695 GY   2.88
482                          -12.7617 GY   3.08
482                           -4.2539 GY   3.26
434                           -4.2539 GY   0.14
434                          -12.7617 GY   0.32
434                          -21.2695 GY   0.52
434                          -29.7773 GY   0.73
434                          -38.2851 GY   0.93
434                          -46.7929 GY   1.14
434                          -55.3008 GY   1.34
434                          -63.8086 GY   1.55
434                          -63.8086 GY   1.75
434                          -55.3008 GY   1.96
434                          -46.7930 GY   2.16
434                          -38.2852 GY   2.37
434                          -29.7774 GY   2.57
434                          -21.2695 GY   2.78
434                          -12.7617 GY   2.98
434                           -4.2539 GY   3.16
474                           -4.2539 GY   0.14
474                          -12.7617 GY   0.32
474                          -21.2695 GY   0.52
474                          -29.7774 GY   0.73
474                          -38.2852 GY   0.93
474                          -46.7930 GY   1.14
474                          -55.3008 GY   1.34
474                          -63.8086 GY   1.55
474  -330.0001 GY   1.65    1.75
474                          -63.8086 GY   1.85
474                          -55.3008 GY   2.06
474                          -46.7930 GY   2.26
474                          -38.2852 GY   2.47
474                          -29.7773 GY   2.67
474                          -21.2695 GY   2.88
474                          -12.7617 GY   3.08
474                           -4.2539 GY   3.26
428                           -0.8789 GY   0.06
428                           -2.6367 GY   0.15
428                           -4.3945 GY   0.24
428                           -6.1523 GY   0.33
428                           -7.9102 GY   0.42
428                           -9.6680 GY   0.52
428                          -11.4258 GY   0.61
428                          -13.1836 GY   0.70
428  -150.0000 GY   0.75    3.45
428                          -13.1836 GY   3.50
428                          -11.4258 GY   3.59
428                           -9.6680 GY   3.68
428                           -7.9102 GY   3.78
428                           -6.1523 GY   3.87
428                           -4.3945 GY   3.96
428                           -2.6367 GY   4.05
```

```
428                          -0.8789 GY   4.14
459                          -0.8789 GY   0.06
459                          -2.6367 GY   0.15
459                          -4.3945 GY   0.24
459                          -6.1523 GY   0.33
459                          -7.9102 GY   0.42
459                          -9.6680 GY   0.52
459                         -11.4258 GY   0.61
459                         -13.1836 GY   0.70
459                         -13.1836 GY   0.80
459                         -11.4258 GY   0.89
459                          -9.6680 GY   0.98
459                          -7.9102 GY   1.08
459                          -6.1523 GY   1.17
459                          -4.3945 GY   1.26
459                          -2.6367 GY   1.35
459                          -0.8789 GY   1.44
429                          -0.8789 GY   0.06
429                          -2.6367 GY   0.15
429                          -4.3945 GY   0.24
429                          -6.1523 GY   0.33
429                          -7.9102 GY   0.42
429                          -9.6680 GY   0.52
429                         -11.4258 GY   0.61
429                         -13.1836 GY   0.70
429  -150.0000 GY   0.75    3.45
429                         -13.1836 GY   3.50
429                         -11.4258 GY   3.59
429                          -9.6680 GY   3.68
429                          -7.9102 GY   3.78
429                          -6.1523 GY   3.87
429                          -4.3945 GY   3.96
429                          -2.6367 GY   4.05
429                          -0.8789 GY   4.14
447                          -0.8789 GY   0.06
447                          -2.6367 GY   0.15
447                          -4.3945 GY   0.24
447                          -6.1523 GY   0.33
447                          -7.9102 GY   0.42
447                          -9.6680 GY   0.52
447                         -11.4258 GY   0.61
447                         -13.1836 GY   0.70
447                         -13.1836 GY   0.80
447                         -11.4258 GY   0.89
447                          -9.6680 GY   0.98
447                          -7.9102 GY   1.08
447                          -6.1523 GY   1.17
447                          -4.3945 GY   1.26
447                          -2.6367 GY   1.35
447                          -0.8789 GY   1.44
429                          -3.2852 GY   0.12
429                          -9.8555 GY   0.28
429                         -16.4258 GY   0.46
429                         -22.9961 GY   0.64
429                         -29.5664 GY   0.82
429                         -36.1367 GY   1.00
```

```
429                          -42.7070 GY   1.18
429                          -49.2774 GY   1.36
429  -290.0002 GY   1.45    2.75
429                          -49.2773 GY   2.84
429                          -42.7070 GY   3.02
429                          -36.1367 GY   3.20
429                          -29.5664 GY   3.38
429                          -22.9961 GY   3.56
429                          -16.4258 GY   3.74
429                           -9.8555 GY   3.92
429                           -3.2852 GY   4.08
460                           -3.2852 GY   0.12
460                           -9.8555 GY   0.28
460                          -16.4258 GY   0.46
460                          -22.9961 GY   0.64
460                          -29.5664 GY   0.82
460                          -36.1367 GY   1.00
460                          -42.7070 GY   1.18
460                          -49.2774 GY   1.36
460                          -49.2773 GY   1.54
460                          -42.7070 GY   1.72
460                          -36.1367 GY   1.90
460                          -29.5664 GY   2.08
460                          -22.9961 GY   2.26
460                          -16.4258 GY   2.44
460                           -9.8555 GY   2.62
460                           -3.2852 GY   2.78
435                           -3.2852 GY   0.12
435                           -9.8555 GY   0.28
435                          -16.4258 GY   0.46
435                          -22.9961 GY   0.64
435                          -29.5664 GY   0.82
435                          -36.1367 GY   1.00
435                          -42.7070 GY   1.18
435                          -49.2773 GY   1.36
435  -289.9998 GY   1.45    2.75
435                          -49.2773 GY   2.84
435                          -42.7070 GY   3.02
435                          -36.1367 GY   3.20
435                          -29.5664 GY   3.38
435                          -22.9961 GY   3.56
435                          -16.4258 GY   3.74
435                           -9.8555 GY   3.92
435                           -3.2852 GY   4.08
448                           -3.2852 GY   0.12
448                           -9.8555 GY   0.28
448                          -16.4258 GY   0.46
448                          -22.9961 GY   0.64
448                          -29.5664 GY   0.82
448                          -36.1367 GY   1.00
448                          -42.7071 GY   1.18
448                          -49.2774 GY   1.36
448                          -49.2773 GY   1.54
448                          -42.7070 GY   1.72
448                          -36.1367 GY   1.90
448                          -29.5664 GY   2.08
```

448			-22.9961 GY	2.26
448			-16.4258 GY	2.44
448			-9.8555 GY	2.62
448			-3.2852 GY	2.78
430			-3.2852 GY	0.12
430			-9.8555 GY	0.28
430			-16.4258 GY	0.46
430			-22.9961 GY	0.64
430			-29.5664 GY	0.82
430			-36.1367 GY	1.00
430			-42.7071 GY	1.18
430			-49.2774 GY	1.36
430	-290.0002 GY	1.45	1.85	
430			-49.2774 GY	1.94
430			-42.7071 GY	2.12
430			-36.1367 GY	2.30
430			-29.5664 GY	2.48
430			-22.9961 GY	2.66
430			-16.4258 GY	2.84
430			-9.8555 GY	3.02
430			-3.2852 GY	3.18
461			-3.2852 GY	0.12
461			-9.8555 GY	0.28
461			-16.4258 GY	0.46
461			-22.9961 GY	0.64
461			-29.5664 GY	0.82
461			-36.1367 GY	1.00
461			-42.7071 GY	1.18
461			-49.2774 GY	1.36
461			-49.2773 GY	1.54
461			-42.7070 GY	1.72
461			-36.1367 GY	1.90
461			-29.5664 GY	2.08
461			-22.9961 GY	2.26
461			-16.4258 GY	2.44
461			-9.8555 GY	2.62
461			-3.2852 GY	2.78
436			-3.2852 GY	0.12
436			-9.8555 GY	0.28
436			-16.4258 GY	0.46
436			-22.9961 GY	0.64
436			-29.5664 GY	0.82
436			-36.1367 GY	1.00
436			-42.7070 GY	1.18
436			-49.2773 GY	1.36
436	-289.9998 GY	1.45	1.85	
436			-49.2773 GY	1.94
436			-42.7070 GY	2.12
436			-36.1367 GY	2.30
436			-29.5664 GY	2.48
436			-22.9961 GY	2.66
436			-16.4258 GY	2.84
436			-9.8555 GY	3.02
436			-3.2852 GY	3.18
460			-3.2852 GY	0.12
460			-9.8555 GY	0.28

```
460                          -16.4258 GY   0.46
460                          -22.9961 GY   0.64
460                          -29.5664 GY   0.82
460                          -36.1367 GY   1.00
460                          -42.7071 GY   1.18
460                          -49.2774 GY   1.36
460                          -49.2773 GY   1.54
460                          -42.7070 GY   1.72
460                          -36.1367 GY   1.90
460                          -29.5664 GY   2.08
460                          -22.9961 GY   2.26
460                          -16.4258 GY   2.44
460                           -9.8555 GY   2.62
460                           -3.2852 GY   2.78
466                           -3.2852 GY   0.12
466                           -9.8555 GY   0.28
466                          -16.4258 GY   0.46
466                          -22.9961 GY   0.64
466                          -29.5664 GY   0.82
466                          -36.1367 GY   1.00
466                          -42.7071 GY   1.18
466                          -49.2774 GY   1.36
466                          -49.2773 GY   1.54
466                          -42.7070 GY   1.72
466                          -36.1367 GY   1.90
466                          -29.5664 GY   2.08
466                          -22.9961 GY   2.26
466                          -16.4258 GY   2.44
466                           -9.8555 GY   2.62
466                           -3.2852 GY   2.78
437                           -3.2852 GY   0.12
437                           -9.8555 GY   0.28
437                          -16.4258 GY   0.46
437                          -22.9961 GY   0.64
437                          -29.5664 GY   0.82
437                          -36.1367 GY   1.00
437                          -42.7070 GY   1.18
437                          -49.2773 GY   1.36
437  -289.9998 GY   1.45    2.25
437                          -49.2773 GY   2.34
437                          -42.7070 GY   2.52
437                          -36.1367 GY   2.70
437                          -29.5664 GY   2.88
437                          -22.9961 GY   3.06
437                          -16.4258 GY   3.24
437                           -9.8555 GY   3.42
437                           -3.2852 GY   3.58
461                           -3.2852 GY   0.12
461                           -9.8555 GY   0.28
461                          -16.4258 GY   0.46
461                          -22.9961 GY   0.64
461                          -29.5664 GY   0.82
461                          -36.1367 GY   1.00
461                          -42.7070 GY   1.18
461                          -49.2774 GY   1.36
461                          -49.2773 GY   1.54
```

```
461                          -42.7070 GY   1.72
461                          -36.1367 GY   1.90
461                          -29.5664 GY   2.08
461                          -22.9961 GY   2.26
461                          -16.4258 GY   2.44
461                           -9.8555 GY   2.62
461                           -3.2852 GY   2.78
432                          -45.9375 GY   0.09
432                          -39.8125 GY   0.26
432                          -33.6875 GY   0.43
432                          -27.5625 GY   0.61
432                          -21.4375 GY   0.78
432                          -15.3125 GY   0.96
432                           -9.1875 GY   1.13
432                           -3.0625 GY   1.28
431                           -3.2852 GY   0.12
431                           -9.8555 GY   0.28
431                          -16.4258 GY   0.46
431                          -22.9961 GY   0.64
431                          -29.5664 GY   0.82
431                          -36.1367 GY   1.00
431                          -42.7070 GY   1.18
431                          -49.2774 GY   1.36
431  -290.0002 GY   1.45    2.25
431                           -1.8086 GY   2.25
431                           -1.8008 GY   2.26
431                           -1.7930 GY   2.27
431                           -1.7852 GY   2.27
431                           -1.7774 GY   2.28
431                           -1.7695 GY   2.28
431                           -1.7617 GY   2.29
431                           -1.7539 GY   2.30
433                           -0.5625 GY   0.05
433                           -1.6875 GY   0.12
433                           -2.8125 GY   0.19
433                           -3.9375 GY   0.26
433                           -5.0625 GY   0.34
433                           -6.1875 GY   0.41
433                           -7.3125 GY   0.49
433                           -8.4375 GY   0.56
433                           -8.4375 GY   0.64
433                           -7.3125 GY   0.71
433                           -6.1875 GY   0.79
433                           -5.0625 GY   0.86
433                           -3.9375 GY   0.94
433                           -2.8125 GY   1.01
433                           -1.6875 GY   1.08
433                           -0.5625 GY   1.15
475                           -0.5625 GY   0.05
475                           -1.6875 GY   0.12
475                           -2.8125 GY   0.19
475                           -3.9375 GY   0.26
475                           -5.0625 GY   0.34
475                           -6.1875 GY   0.41
475                           -7.3125 GY   0.49
475                           -8.4375 GY   0.56
```

475	-119.9999 GY	0.60	2.30		
475				-8.4375 GY	2.34
475				-7.3125 GY	2.41
475				-6.1875 GY	2.49
475				-5.0625 GY	2.56
475				-3.9375 GY	2.64
475				-2.8125 GY	2.71
475				-1.6875 GY	2.78
475				-0.5625 GY	2.85
438				-0.5625 GY	0.05
438				-1.6875 GY	0.12
438				-2.8125 GY	0.19
438				-3.9375 GY	0.26
438				-5.0625 GY	0.34
438				-6.1875 GY	0.41
438				-7.3125 GY	0.49
438				-8.4375 GY	0.56
438				-8.4375 GY	0.64
438				-7.3125 GY	0.71
438				-6.1875 GY	0.79
438				-5.0625 GY	0.86
438				-3.9375 GY	0.94
438				-2.8125 GY	1.01
438				-1.6875 GY	1.08
438				-0.5625 GY	1.15
466				-0.5625 GY	0.05
466				-1.6875 GY	0.12
466				-2.8125 GY	0.19
466				-3.9375 GY	0.26
466				-5.0625 GY	0.34
466				-6.1875 GY	0.41
466				-7.3125 GY	0.49
466				-8.4375 GY	0.56
466	-120.0001 GY	0.60	2.30		
466				-8.4375 GY	2.34
466				-7.3125 GY	2.41
466				-6.1875 GY	2.49
466				-5.0625 GY	2.56
466				-3.9375 GY	2.64
466				-2.8125 GY	2.71
466				-1.6875 GY	2.78
466				-0.5625 GY	2.85
434				-3.2852 GY	0.12
434				-9.8555 GY	0.28
434				-16.4258 GY	0.46
434				-22.9961 GY	0.64
434				-29.5664 GY	0.82
434				-36.1367 GY	1.00
434				-42.7070 GY	1.18
434				-49.2774 GY	1.36
434	-290.0002 GY	1.45	1.85		
434				-49.2774 GY	1.94
434				-42.7071 GY	2.12
434				-36.1367 GY	2.30
434				-29.5664 GY	2.48
434				-22.9961 GY	2.66

434			-16.4258	GY	2.84
434			-9.8555	GY	3.02
434			-3.2852	GY	3.18
483			-3.2852	GY	0.12
483			-9.8555	GY	0.28
483			-16.4258	GY	0.46
483			-22.9961	GY	0.64
483			-29.5664	GY	0.82
483			-36.1367	GY	1.00
483			-42.7071	GY	1.18
483			-49.2774	GY	1.36
483			-49.2773	GY	1.54
483			-42.7070	GY	1.72
483			-36.1367	GY	1.90
483			-29.5664	GY	2.08
483			-22.9961	GY	2.26
483			-16.4258	GY	2.44
483			-9.8555	GY	2.62
483			-3.2852	GY	2.78
439			-3.2852	GY	0.12
439			-9.8555	GY	0.28
439			-16.4258	GY	0.46
439			-22.9961	GY	0.64
439			-29.5664	GY	0.82
439			-36.1367	GY	1.00
439			-42.7070	GY	1.18
439			-49.2773	GY	1.36
439	-289.9998	GY	1.45	1.85	
439			-49.2773	GY	1.94
439			-42.7070	GY	2.12
439			-36.1367	GY	2.30
439			-29.5664	GY	2.48
439			-22.9961	GY	2.66
439			-16.4258	GY	2.84
439			-9.8555	GY	3.02
439			-3.2852	GY	3.18
475			-3.2852	GY	0.12
475			-9.8555	GY	0.28
475			-16.4258	GY	0.46
475			-22.9961	GY	0.64
475			-29.5664	GY	0.82
475			-36.1367	GY	1.00
475			-42.7071	GY	1.18
475			-49.2774	GY	1.36
475			-49.2773	GY	1.54
475			-42.7070	GY	1.72
475			-36.1367	GY	1.90
475			-29.5664	GY	2.08
475			-22.9961	GY	2.26
475			-16.4258	GY	2.44
475			-9.8555	GY	2.62
475			-3.2852	GY	2.78
501			-4.5156	GY	0.14
501			-13.5469	GY	0.33
501			-22.5781	GY	0.54
501			-31.6094	GY	0.75

```
501                          -40.6406 GY   0.96
501                          -49.6719 GY   1.17
501                          -58.7031 GY   1.38
501                          -67.7344 GY   1.60
501  -340.0000 GY   1.70    2.50
501                          -67.7344 GY   2.60
501                          -58.7031 GY   2.82
501                          -49.6719 GY   3.03
501                          -40.6406 GY   3.24
501                          -31.6094 GY   3.45
501                          -22.5781 GY   3.66
501                          -13.5469 GY   3.87
501                           -4.5156 GY   4.06
550                           -4.0000 GY   0.13
550                          -12.0000 GY   0.31
550                          -20.0000 GY   0.51
550                          -28.0000 GY   0.70
550                          -36.0000 GY   0.90
550                          -44.0000 GY   1.10
550                          -52.0000 GY   1.30
550                          -60.0000 GY   1.50
551                           -4.0156 GY   0.01
551                           -4.0469 GY   0.02
551                           -4.0781 GY   0.03
551                           -4.1094 GY   0.04
551                           -4.1406 GY   0.06
551                           -4.1719 GY   0.07
551                           -4.2031 GY   0.08
551                           -4.2344 GY   0.09
551                          -67.7344 GY   0.20
551                          -58.7031 GY   0.42
551                          -49.6719 GY   0.63
551                          -40.6406 GY   0.84
551                          -31.6094 GY   1.05
551                          -22.5781 GY   1.26
551                          -13.5469 GY   1.47
551                           -4.5156 GY   1.66
507                           -4.5156 GY   0.14
507                          -13.5469 GY   0.33
507                          -22.5781 GY   0.54
507                          -31.6094 GY   0.75
507                          -40.6406 GY   0.96
507                          -49.6719 GY   1.17
507                          -58.7031 GY   1.38
507                          -67.7344 GY   1.60
507  -340.0000 GY   1.70    2.50
507                          -67.7344 GY   2.60
507                          -58.7031 GY   2.82
507                          -49.6719 GY   3.03
507                          -40.6406 GY   3.24
507                          -31.6094 GY   3.45
507                          -22.5781 GY   3.66
507                          -13.5469 GY   3.87
507                           -4.5156 GY   4.06
540                           -4.5156 GY   0.14
540                          -13.5469 GY   0.33
```

```
540                          -22.5781 GY   0.54
540                          -31.6094 GY   0.75
540                          -40.6406 GY   0.96
540                          -49.6719 GY   1.17
540                          -58.7031 GY   1.38
540                          -67.7344 GY   1.60
540                          -67.7344 GY   1.80
540                          -58.7031 GY   2.02
540                          -49.6719 GY   2.23
540                          -40.6406 GY   2.44
540                          -31.6094 GY   2.65
540                          -22.5781 GY   2.86
540                          -13.5469 GY   3.07
540                           -4.5156 GY   3.26
502                           -1.0000 GY   0.07
502                           -3.0000 GY   0.16
502                           -5.0000 GY   0.25
502                           -7.0000 GY   0.35
502                           -9.0000 GY   0.45
502                          -11.0000 GY   0.55
502                          -13.0000 GY   0.65
502                          -15.0000 GY   0.75
502  -160.0000 GY   0.80    2.85
502                          -15.0000 GY   2.90
502                          -13.0000 GY   3.00
502                          -11.0000 GY   3.10
502                           -9.0000 GY   3.20
502                           -7.0000 GY   3.30
502                           -5.0000 GY   3.40
502                           -3.0000 GY   3.49
502                           -1.0000 GY   3.58
562                           -1.0000 GY   0.07
562                           -3.0000 GY   0.16
562                           -5.0000 GY   0.25
562                           -7.0000 GY   0.35
562                           -9.0000 GY   0.45
562                          -11.0000 GY   0.55
562                          -13.0000 GY   0.65
562                          -15.0000 GY   0.75
562                          -15.0000 GY   0.85
562                          -13.0000 GY   0.95
562                          -11.0000 GY   1.05
562                           -9.0000 GY   1.15
562                           -7.0000 GY   1.25
562                           -5.0000 GY   1.35
562                           -3.0000 GY   1.44
562                           -1.0000 GY   1.53
505                           -1.0000 GY   0.07
505                           -3.0000 GY   0.16
505                           -5.0000 GY   0.25
505                           -7.0000 GY   0.35
505                           -9.0000 GY   0.45
505                          -11.0000 GY   0.55
505                          -13.0000 GY   0.65
505                          -15.0000 GY   0.75
505  -160.0000 GY   0.80    2.85
```

```
505                          -15.0000 GY   2.90
505                          -13.0000 GY   3.00
505                          -11.0000 GY   3.10
505                           -9.0000 GY   3.20
505                           -7.0000 GY   3.30
505                           -5.0000 GY   3.40
505                           -3.0000 GY   3.49
505                           -1.0000 GY   3.58
550                           -1.0000 GY   0.07
550                           -3.0000 GY   0.16
550                           -5.0000 GY   0.25
550                           -7.0000 GY   0.35
550                           -9.0000 GY   0.45
550                          -11.0000 GY   0.55
550                          -13.0000 GY   0.65
550                          -15.0000 GY   0.75
550                          -15.0000 GY   0.85
550                          -13.0000 GY   0.95
550                          -11.0000 GY   1.05
550                           -9.0000 GY   1.15
550                           -7.0000 GY   1.25
550                           -5.0000 GY   1.35
550                           -3.0000 GY   1.44
550                           -1.0000 GY   1.53
503                           -1.0000 GY   0.07
503                           -3.0000 GY   0.16
503                           -5.0000 GY   0.25
503                           -7.0000 GY   0.35
503                           -9.0000 GY   0.45
503                          -11.0000 GY   0.55
503                          -13.0000 GY   0.65
503                          -15.0000 GY   0.75
503  -160.0000 GY   0.80    2.85
503                          -15.0000 GY   2.90
503                          -13.0000 GY   3.00
503                          -11.0000 GY   3.10
503                           -9.0000 GY   3.20
503                           -7.0000 GY   3.30
503                           -5.0000 GY   3.40
503                           -3.0000 GY   3.49
503                           -1.0000 GY   3.58
567                           -1.0000 GY   0.07
567                           -3.0000 GY   0.16
567                           -5.0000 GY   0.25
567                           -7.0000 GY   0.35
567                           -9.0000 GY   0.45
567                          -11.0000 GY   0.55
567                          -13.0000 GY   0.65
567                          -15.0000 GY   0.75
567                          -15.0000 GY   0.85
567                          -13.0000 GY   0.95
567                          -11.0000 GY   1.05
567                           -9.0000 GY   1.15
567                           -7.0000 GY   1.25
567                           -5.0000 GY   1.35
567                           -3.0000 GY   1.44
```

```
567                          -1.0000 GY   1.53
506                          -1.0000 GY   0.07
506                          -3.0000 GY   0.16
506                          -5.0000 GY   0.25
506                          -7.0000 GY   0.35
506                          -9.0000 GY   0.45
506                         -11.0000 GY   0.55
506                         -13.0000 GY   0.65
506                         -15.0000 GY   0.75
506  -160.0000 GY   0.80    2.85
506                         -15.0000 GY   2.90
506                         -13.0000 GY   3.00
506                         -11.0000 GY   3.10
506                          -9.0000 GY   3.20
506                          -7.0000 GY   3.30
506                          -5.0000 GY   3.40
506                          -3.0000 GY   3.49
506                          -1.0000 GY   3.58
562                          -1.0000 GY   0.07
562                          -3.0000 GY   0.16
562                          -5.0000 GY   0.25
562                          -7.0000 GY   0.35
562                          -9.0000 GY   0.45
562                         -11.0000 GY   0.55
562                         -13.0000 GY   0.65
562                         -15.0000 GY   0.75
562                         -15.0000 GY   0.85
562                         -13.0000 GY   0.95
562                         -11.0000 GY   1.05
562                          -9.0000 GY   1.15
562                          -7.0000 GY   1.25
562                          -5.0000 GY   1.35
562                          -3.0000 GY   1.44
562                          -1.0000 GY   1.53
504                          -4.5156 GY   0.14
504                         -13.5469 GY   0.33
504                         -22.5781 GY   0.54
504                         -31.6094 GY   0.75
504                         -40.6406 GY   0.96
504                         -49.6719 GY   1.17
504                         -58.7031 GY   1.38
504                         -67.7344 GY   1.60
504  -339.9999 GY   1.70    2.50
504                         -67.7343 GY   2.60
504                         -58.7031 GY   2.82
504                         -49.6718 GY   3.03
504                         -40.6406 GY   3.24
504                         -31.6094 GY   3.45
504                         -22.5781 GY   3.66
504                         -13.5469 GY   3.87
504                          -4.5156 GY   4.06
577                          -4.5156 GY   0.14
577                         -13.5469 GY   0.33
577                         -22.5781 GY   0.54
577                         -31.6094 GY   0.75
577                         -40.6406 GY   0.96
```

577			-49.6719	GY	1.17
577			-58.7031	GY	1.38
577			-67.7344	GY	1.60
577			-67.7344	GY	1.80
577			-58.7031	GY	2.02
577			-49.6719	GY	2.23
577			-40.6406	GY	2.44
577			-31.6094	GY	2.65
577			-22.5781	GY	2.86
577			-13.5469	GY	3.07
577			-4.5156	GY	3.26
508			-4.5156	GY	0.14
508			-13.5469	GY	0.33
508			-22.5781	GY	0.54
508			-31.6094	GY	0.75
508			-40.6407	GY	0.96
508			-49.6719	GY	1.17
508			-58.7032	GY	1.38
508			-67.7344	GY	1.60
508	-340.0001	GY	1.70	2.50	
508			-67.7344	GY	2.60
508			-58.7031	GY	2.82
508			-49.6719	GY	3.03
508			-40.6406	GY	3.24
508			-31.6094	GY	3.45
508			-22.5781	GY	3.66
508			-13.5469	GY	3.87
508			-4.5156	GY	4.06
568			-4.0156	GY	0.01
568			-4.0469	GY	0.02
568			-4.0781	GY	0.03
568			-4.1094	GY	0.04
568			-4.1406	GY	0.06
568			-4.1719	GY	0.07
568			-4.2031	GY	0.08
568			-4.2344	GY	0.09
568			-67.7344	GY	0.20
568			-58.7032	GY	0.42
568			-49.6719	GY	0.63
568			-40.6407	GY	0.84
568			-31.6094	GY	1.05
568			-22.5781	GY	1.26
568			-13.5469	GY	1.47
568			-4.5156	GY	1.66
567			-4.0000	GY	0.13
567			-12.0000	GY	0.31
567			-20.0000	GY	0.51
567			-28.0000	GY	0.70
567			-36.0000	GY	0.90
567			-44.0000	GY	1.10
567			-52.0000	GY	1.30
567			-60.0001	GY	1.50
505			-5.2041	GY	0.15
505			-15.6123	GY	0.35
505			-26.0205	GY	0.58
505			-36.4287	GY	0.80

```
505                          -46.8369 GY   1.03
505                          -57.2451 GY   1.26
505                          -67.6533 GY   1.49
505                          -78.0615 GY   1.71
505                          -78.0615 GY   1.94
505                          -67.6533 GY   2.16
505                          -57.2451 GY   2.39
505                          -46.8369 GY   2.62
505                          -36.4287 GY   2.85
505                          -26.0205 GY   3.07
505                          -15.6123 GY   3.30
505                           -5.2041 GY   3.50
563                           -5.2041 GY   0.15
563                          -15.6123 GY   0.35
563                          -26.0205 GY   0.58
563                          -36.4287 GY   0.80
563                          -46.8369 GY   1.03
563                          -57.2451 GY   1.26
563                          -67.6533 GY   1.49
563                          -78.0615 GY   1.71
563  -365.0000 GY   1.83    2.08
563                          -78.0615 GY   2.19
563                          -67.6533 GY   2.41
563                          -57.2451 GY   2.64
563                          -46.8369 GY   2.87
563                          -36.4287 GY   3.10
563                          -26.0205 GY   3.32
563                          -15.6123 GY   3.55
563                           -5.2041 GY   3.75
511                           -5.2041 GY   0.15
511                          -15.6123 GY   0.35
511                          -26.0205 GY   0.58
511                          -36.4287 GY   0.80
511                          -46.8369 GY   1.03
511                          -57.2451 GY   1.26
511                          -67.6533 GY   1.49
511                          -78.0615 GY   1.71
511                          -78.0615 GY   1.94
511                          -67.6533 GY   2.16
511                          -57.2451 GY   2.39
511                          -46.8369 GY   2.62
511                          -36.4287 GY   2.85
511                          -26.0205 GY   3.07
511                          -15.6123 GY   3.30
511                           -5.2041 GY   3.50
553                          -11.4844 GY   0.04
553                           -9.9531 GY   0.13
553                           -8.4219 GY   0.22
553                           -6.8906 GY   0.30
553                           -5.3594 GY   0.39
553                           -3.8281 GY   0.48
553                           -2.2969 GY   0.56
553                           -0.7656 GY   0.64
552                           -1.1260 GY   0.00
552                           -1.1279 GY   0.00
552                           -1.1299 GY   0.01
```

```
552                          -1.1318 GY   0.01
552                          -1.1338 GY   0.01
552                          -1.1357 GY   0.02
552                          -1.1377 GY   0.02
552                          -1.1397 GY   0.02
552  -365.0000 GY   0.03    0.28
552                          -49.3506 GY   0.34
552                          -45.3955 GY   0.48
552                          -41.4404 GY   0.63
552                          -37.4853 GY   0.77
552                          -33.5303 GY   0.91
552                          -29.5752 GY   1.05
552                          -25.6201 GY   1.19
552                          -21.6650 GY   1.33
551                           -5.0625 GY   0.15
551                          -15.1875 GY   0.35
551                          -25.3125 GY   0.57
551                          -35.4375 GY   0.79
551                          -45.5625 GY   1.02
551                          -55.6875 GY   1.24
551                          -65.8125 GY   1.47
551                          -75.9375 GY   1.69
506                           -5.2041 GY   0.15
506                          -15.6123 GY   0.35
506                          -26.0205 GY   0.58
506                          -36.4287 GY   0.80
506                          -46.8369 GY   1.03
506                          -57.2451 GY   1.26
506                          -67.6533 GY   1.49
506                          -78.0615 GY   1.71
506                          -78.0615 GY   1.94
506                          -67.6533 GY   2.16
506                          -57.2451 GY   2.39
506                          -46.8369 GY   2.62
506                          -36.4287 GY   2.85
506                          -26.0205 GY   3.07
506                          -15.6123 GY   3.30
506                           -5.2041 GY   3.50
568                           -5.0625 GY   0.15
568                          -15.1875 GY   0.35
568                          -25.3125 GY   0.57
568                          -35.4375 GY   0.79
568                          -45.5625 GY   1.02
568                          -55.6875 GY   1.24
568                          -65.8125 GY   1.47
568                          -75.9375 GY   1.69
569                           -1.1260 GY   0.00
569                           -1.1279 GY   0.00
569                           -1.1299 GY   0.01
569                           -1.1318 GY   0.01
569                           -1.1338 GY   0.01
569                           -1.1357 GY   0.02
569                           -1.1377 GY   0.02
569                           -1.1396 GY   0.02
569  -365.0000 GY   0.02    0.27
569                          -49.3506 GY   0.34
```

569			-45.3955	GY	0.48
569			-41.4404	GY	0.63
569			-37.4854	GY	0.77
569			-33.5303	GY	0.91
569			-29.5752	GY	1.05
569			-25.6201	GY	1.19
569			-21.6650	GY	1.33
570			-11.4844	GY	0.04
570			-9.9531	GY	0.13
570			-8.4219	GY	0.22
570			-6.8906	GY	0.30
570			-5.3594	GY	0.39
570			-3.8281	GY	0.48
570			-2.2969	GY	0.56
570			-0.7656	GY	0.64
512			-5.2041	GY	0.15
512			-15.6123	GY	0.35
512			-26.0205	GY	0.58
512			-36.4287	GY	0.80
512			-46.8369	GY	1.03
512			-57.2451	GY	1.26
512			-67.6533	GY	1.49
512			-78.0616	GY	1.71
512			-78.0615	GY	1.94
512			-67.6533	GY	2.16
512			-57.2451	GY	2.39
512			-46.8369	GY	2.62
512			-36.4287	GY	2.85
512			-26.0205	GY	3.07
512			-15.6123	GY	3.30
512			-5.2041	GY	3.50
563			-5.2041	GY	0.15
563			-15.6123	GY	0.35
563			-26.0205	GY	0.58
563			-36.4287	GY	0.80
563			-46.8369	GY	1.03
563			-57.2451	GY	1.26
563			-67.6533	GY	1.49
563			-78.0615	GY	1.71
563	-365.0001	GY	1.82	2.07	
563			-78.0615	GY	2.19
563			-67.6533	GY	2.41
563			-57.2451	GY	2.64
563			-46.8369	GY	2.87
563			-36.4287	GY	3.10
563			-26.0205	GY	3.32
563			-15.6123	GY	3.55
563			-5.2041	GY	3.75
507			-0.7656	GY	0.06
507			-2.2969	GY	0.14
507			-3.8281	GY	0.22
507			-5.3594	GY	0.31
507			-6.8906	GY	0.40
507			-8.4219	GY	0.48
507			-9.9531	GY	0.57
507			-11.4844	GY	0.66

```
507  -140.0001 GY   0.70    3.50
507                          -11.4844 GY   3.54
507                           -9.9531 GY   3.63
507                           -8.4219 GY   3.72
507                           -6.8906 GY   3.80
507                           -5.3594 GY   3.89
507                           -3.8281 GY   3.98
507                           -2.2969 GY   4.06
507                           -0.7656 GY   4.14
552                           -0.7656 GY   0.06
552                           -2.2969 GY   0.14
552                           -3.8281 GY   0.22
552                           -5.3594 GY   0.31
552                           -6.8906 GY   0.40
552                           -8.4219 GY   0.48
552                           -9.9531 GY   0.57
552                          -11.4844 GY   0.66
552                          -11.4844 GY   0.74
552                           -9.9531 GY   0.83
552                           -8.4219 GY   0.92
552                           -6.8906 GY   1.00
552                           -5.3594 GY   1.09
552                           -3.8281 GY   1.18
552                           -2.2969 GY   1.26
552                           -0.7656 GY   1.34
509                           -0.7656 GY   0.06
509                           -2.2969 GY   0.14
509                           -3.8281 GY   0.22
509                           -5.3594 GY   0.31
509                           -6.8906 GY   0.40
509                           -8.4219 GY   0.48
509                           -9.9531 GY   0.57
509                          -11.4844 GY   0.66
509  -140.0000 GY   0.70    3.50
509                          -11.4844 GY   3.54
509                           -9.9531 GY   3.63
509                           -8.4219 GY   3.72
509                           -6.8906 GY   3.80
509                           -5.3594 GY   3.89
509                           -3.8281 GY   3.98
509                           -2.2969 GY   4.06
509                           -0.7656 GY   4.14
541                           -0.7656 GY   0.06
541                           -2.2969 GY   0.14
541                           -3.8281 GY   0.22
541                           -5.3594 GY   0.31
541                           -6.8906 GY   0.40
541                           -8.4219 GY   0.48
541                           -9.9531 GY   0.57
541                          -11.4844 GY   0.66
541                          -11.4844 GY   0.74
541                           -9.9531 GY   0.83
541                           -8.4219 GY   0.92
541                           -6.8906 GY   1.00
541                           -5.3594 GY   1.09
541                           -3.8281 GY   1.18
```

```
541                          -2.2969 GY   1.26
541                          -0.7656 GY   1.34
508                          -0.7656 GY   0.06
508                          -2.2969 GY   0.14
508                          -3.8281 GY   0.22
508                          -5.3594 GY   0.31
508                          -6.8906 GY   0.40
508                          -8.4219 GY   0.48
508                          -9.9531 GY   0.57
508                         -11.4844 GY   0.66
508  -140.0000 GY   0.70    3.50
508                         -11.4844 GY   3.54
508                          -9.9531 GY   3.63
508                          -8.4219 GY   3.72
508                          -6.8906 GY   3.80
508                          -5.3594 GY   3.89
508                          -3.8281 GY   3.98
508                          -2.2969 GY   4.06
508                          -0.7656 GY   4.14
578                          -0.7656 GY   0.06
578                          -2.2969 GY   0.14
578                          -3.8281 GY   0.22
578                          -5.3594 GY   0.31
578                          -6.8906 GY   0.40
578                          -8.4219 GY   0.48
578                          -9.9531 GY   0.57
578                         -11.4844 GY   0.66
578                         -11.4844 GY   0.74
578                          -9.9531 GY   0.83
578                          -8.4219 GY   0.92
578                          -6.8906 GY   1.00
578                          -5.3594 GY   1.09
578                          -3.8281 GY   1.18
578                          -2.2969 GY   1.26
578                          -0.7656 GY   1.34
510                          -0.7656 GY   0.06
510                          -2.2969 GY   0.14
510                          -3.8281 GY   0.22
510                          -5.3594 GY   0.31
510                          -6.8906 GY   0.40
510                          -8.4219 GY   0.48
510                          -9.9531 GY   0.57
510                         -11.4844 GY   0.66
510  -140.0001 GY   0.70    3.50
510                         -11.4844 GY   3.54
510                          -9.9531 GY   3.63
510                          -8.4219 GY   3.72
510                          -6.8906 GY   3.80
510                          -5.3594 GY   3.89
510                          -3.8281 GY   3.98
510                          -2.2969 GY   4.06
510                          -0.7656 GY   4.14
569                          -0.7656 GY   0.06
569                          -2.2969 GY   0.14
569                          -3.8281 GY   0.22
569                          -5.3594 GY   0.31
```

569			-6.8906	GY	0.40
569			-8.4219	GY	0.48
569			-9.9531	GY	0.57
569			-11.4844	GY	0.66
569			-11.4844	GY	0.74
569			-9.9531	GY	0.83
569			-8.4219	GY	0.92
569			-6.8906	GY	1.00
569			-5.3594	GY	1.09
569			-3.8281	GY	1.18
569			-2.2969	GY	1.26
569			-0.7656	GY	1.34
509			-6.8906	GY	0.18
509			-20.6719	GY	0.41
509			-34.4531	GY	0.67
509			-48.2344	GY	0.93
509			-62.0156	GY	1.19
509			-75.7969	GY	1.45
509			-89.5781	GY	1.71
509			-103.3594	GY	1.97
509			-103.3594	GY	2.23
509			-89.5781	GY	2.49
509			-75.7969	GY	2.75
509			-62.0156	GY	3.01
509			-48.2344	GY	3.28
509			-34.4531	GY	3.54
509			-20.6719	GY	3.79
509			-6.8906	GY	4.03
553			-0.7656	GY	0.06
553			-2.2969	GY	0.14
553			-3.8281	GY	0.22
553			-5.3594	GY	0.31
553			-6.8906	GY	0.40
553			-8.4219	GY	0.48
553			-9.9531	GY	0.57
553			-11.4844	GY	0.66
554			-27.5625	GY	0.09
554			-33.6875	GY	0.27
554			-39.8125	GY	0.44
554			-45.9375	GY	0.61
554			-52.0625	GY	0.79
554			-58.1875	GY	0.96
554			-64.3125	GY	1.14
554			-70.4375	GY	1.31
554	-420.0001	GY	1.40	2.00	
554			-103.3594	GY	2.13
554			-89.5781	GY	2.39
554			-75.7969	GY	2.65
554			-62.0156	GY	2.91
554			-48.2344	GY	3.17
554			-34.4531	GY	3.43
554			-20.6719	GY	3.69
554			-6.8906	GY	3.92
514			-13.6406	GY	0.02
514			-13.9219	GY	0.06
514			-14.2031	GY	0.09

514			-14.4844	GY	0.13
514			-14.7656	GY	0.17
514			-15.0469	GY	0.21
514			-15.3281	GY	0.24
514			-15.6094	GY	0.28
514			-103.3594	GY	0.43
514			-89.5781	GY	0.69
514			-75.7969	GY	0.95
514			-62.0156	GY	1.21
514			-48.2344	GY	1.48
514			-34.4531	GY	1.74
514			-20.6719	GY	1.99
514			-6.8906	GY	2.23
513			-5.0625	GY	0.15
513			-15.1875	GY	0.35
513			-25.3125	GY	0.57
513			-35.4375	GY	0.79
513			-45.5625	GY	1.02
513			-55.6875	GY	1.24
513			-65.8125	GY	1.47
513			-75.9375	GY	1.69
542			-6.8906	GY	0.17
542			-20.6719	GY	0.41
542			-34.4531	GY	0.66
542			-48.2344	GY	0.92
542			-62.0156	GY	1.19
542			-75.7969	GY	1.45
542			-89.5781	GY	1.71
542			-103.3594	GY	1.97
542	-420.0001	GY	2.10	2.70	
542			-103.3594	GY	2.83
542			-89.5781	GY	3.09
542			-75.7969	GY	3.35
542			-62.0156	GY	3.61
542			-48.2344	GY	3.87
542			-34.4531	GY	4.14
542			-20.6719	GY	4.39
542			-6.8906	GY	4.62
510			-6.8906	GY	0.18
510			-20.6719	GY	0.41
510			-34.4531	GY	0.67
510			-48.2344	GY	0.93
510			-62.0156	GY	1.19
510			-75.7969	GY	1.45
510			-89.5781	GY	1.71
510			-103.3594	GY	1.97
510			-103.3593	GY	2.23
510			-89.5781	GY	2.49
510			-75.7968	GY	2.75
510			-62.0156	GY	3.01
510			-48.2343	GY	3.27
510			-34.4531	GY	3.53
510			-20.6719	GY	3.79
510			-6.8906	GY	4.02
579			-6.8906	GY	0.17
579			-20.6719	GY	0.41

```
579                          -34.4531 GY   0.66
579                          -48.2343 GY   0.92
579                          -62.0156 GY   1.19
579                          -75.7968 GY   1.45
579                          -89.5781 GY   1.71
579                         -103.3593 GY   1.97
579  -419.9999 GY   2.10    2.70
579                         -103.3594 GY   2.83
579                          -89.5781 GY   3.09
579                          -75.7969 GY   3.35
579                          -62.0156 GY   3.61
579                          -48.2344 GY   3.87
579                          -34.4531 GY   4.14
579                          -20.6719 GY   4.39
579                           -6.8906 GY   4.62
518                          -17.2500 GY   0.03
518                          -17.7500 GY   0.08
518                          -18.2500 GY   0.13
518                          -18.7500 GY   0.18
518                          -19.2500 GY   0.23
518                          -19.7500 GY   0.28
518                          -20.2500 GY   0.33
518                          -20.7500 GY   0.38
518                         -103.3594 GY   0.53
518                          -89.5781 GY   0.79
518                          -75.7969 GY   1.05
518                          -62.0156 GY   1.31
518                          -48.2344 GY   1.57
518                          -34.4531 GY   1.83
518                          -20.6719 GY   2.09
518                           -6.8906 GY   2.32
517                           -4.5156 GY   0.14
517                          -13.5469 GY   0.33
517                          -22.5781 GY   0.54
517                          -31.6094 GY   0.75
517                          -40.6406 GY   0.96
517                          -49.6719 GY   1.17
517                          -58.7032 GY   1.38
517                          -67.7344 GY   1.60
571                          -27.5625 GY   0.09
571                          -33.6875 GY   0.27
571                          -39.8125 GY   0.44
571                          -45.9375 GY   0.61
571                          -52.0625 GY   0.79
571                          -58.1875 GY   0.96
571                          -64.3125 GY   1.14
571                          -70.4375 GY   1.31
571  -420.0001 GY   1.40    2.00
571                         -103.3594 GY   2.13
571                          -89.5781 GY   2.39
571                          -75.7969 GY   2.65
571                          -62.0156 GY   2.91
571                          -48.2344 GY   3.17
571                          -34.4531 GY   3.43
571                          -20.6719 GY   3.69
571                           -6.8906 GY   3.92
```

570			-0.7656	GY	0.06
570			-2.2969	GY	0.14
570			-3.8281	GY	0.22
570			-5.3594	GY	0.31
570			-6.8906	GY	0.40
570			-8.4219	GY	0.48
570			-9.9531	GY	0.57
570			-11.4844	GY	0.66
511			-5.2041	GY	0.15
511			-15.6123	GY	0.35
511			-26.0205	GY	0.58
511			-36.4287	GY	0.80
511			-46.8369	GY	1.03
511			-57.2451	GY	1.26
511			-67.6533	GY	1.49
511			-78.0615	GY	1.71
511			-78.0615	GY	1.94
511			-67.6533	GY	2.16
511			-57.2451	GY	2.39
511			-46.8369	GY	2.62
511			-36.4287	GY	2.85
511			-26.0205	GY	3.07
511			-15.6123	GY	3.30
511			-5.2041	GY	3.50
564			-5.2041	GY	0.15
564			-15.6123	GY	0.35
564			-26.0205	GY	0.58
564			-36.4287	GY	0.80
564			-46.8369	GY	1.03
564			-57.2451	GY	1.26
564			-67.6533	GY	1.49
564			-78.0615	GY	1.71
564	-364.9999	GY	1.82	2.28	
564			-78.0615	GY	2.39
564			-67.6533	GY	2.61
564			-57.2451	GY	2.84
564			-46.8369	GY	3.07
564			-36.4287	GY	3.30
564			-26.0205	GY	3.52
564			-15.6123	GY	3.75
564			-5.2041	GY	3.95
515			-5.2041	GY	0.15
515			-15.6123	GY	0.35
515			-26.0205	GY	0.58
515			-36.4287	GY	0.80
515			-46.8369	GY	1.03
515			-57.2451	GY	1.26
515			-67.6533	GY	1.49
515			-78.0615	GY	1.71
515			-78.0615	GY	1.94
515			-67.6533	GY	2.16
515			-57.2451	GY	2.39
515			-46.8369	GY	2.62
515			-36.4287	GY	2.85
515			-26.0205	GY	3.07
515			-15.6123	GY	3.30

515			-5.2041 GY	3.50
554			-5.2041 GY	0.15
554			-15.6123 GY	0.35
554			-26.0205 GY	0.58
554			-36.4287 GY	0.80
554			-46.8369 GY	1.03
554			-57.2451 GY	1.26
554			-67.6533 GY	1.49
554			-78.0615 GY	1.71
554	-365.0001 GY	1.82	2.28	
554			-78.0615 GY	2.39
554			-67.6533 GY	2.61
554			-57.2451 GY	2.84
554			-46.8369 GY	3.07
554			-36.4287 GY	3.30
554			-26.0205 GY	3.52
554			-15.6123 GY	3.75
554			-5.2041 GY	3.95
512			-5.2041 GY	0.15
512			-15.6123 GY	0.35
512			-26.0205 GY	0.58
512			-36.4287 GY	0.80
512			-46.8369 GY	1.03
512			-57.2451 GY	1.26
512			-67.6533 GY	1.49
512			-78.0615 GY	1.71
512			-78.0616 GY	1.94
512			-67.6534 GY	2.16
512			-57.2451 GY	2.39
512			-46.8369 GY	2.62
512			-36.4287 GY	2.85
512			-26.0205 GY	3.07
512			-15.6123 GY	3.30
512			-5.2041 GY	3.50
571			-5.2041 GY	0.15
571			-15.6123 GY	0.35
571			-26.0205 GY	0.58
571			-36.4287 GY	0.80
571			-46.8369 GY	1.03
571			-57.2451 GY	1.26
571			-67.6533 GY	1.49
571			-78.0615 GY	1.71
571	-365.0002 GY	1.82	2.28	
571			-78.0615 GY	2.39
571			-67.6533 GY	2.61
571			-57.2451 GY	2.84
571			-46.8369 GY	3.07
571			-36.4287 GY	3.30
571			-26.0205 GY	3.52
571			-15.6123 GY	3.75
571			-5.2041 GY	3.95
516			-5.2041 GY	0.15
516			-15.6123 GY	0.35
516			-26.0205 GY	0.58
516			-36.4287 GY	0.80
516			-46.8369 GY	1.03

```
516                          -57.2451 GY   1.26
516                          -67.6533 GY   1.49
516                          -78.0615 GY   1.71
516                          -78.0615 GY   1.94
516                          -67.6533 GY   2.16
516                          -57.2451 GY   2.39
516                          -46.8369 GY   2.62
516                          -36.4287 GY   2.85
516                          -26.0205 GY   3.07
516                          -15.6123 GY   3.30
516                           -5.2041 GY   3.50
564                           -5.2041 GY   0.15
564                          -15.6123 GY   0.35
564                          -26.0205 GY   0.58
564                          -36.4287 GY   0.80
564                          -46.8369 GY   1.03
564                          -57.2451 GY   1.26
564                          -67.6533 GY   1.49
564                          -78.0615 GY   1.71
564  -364.9999 GY   1.82    2.28
564                          -78.0615 GY   2.39
564                          -67.6533 GY   2.61
564                          -57.2451 GY   2.84
564                          -46.8369 GY   3.07
564                          -36.4287 GY   3.30
564                          -26.0205 GY   3.52
564                          -15.6123 GY   3.75
564                           -5.2041 GY   3.95
513                           -1.2656 GY   0.08
513                           -3.7969 GY   0.17
513                           -6.3281 GY   0.28
513                           -8.8594 GY   0.40
513                          -11.3906 GY   0.51
513                          -13.9219 GY   0.62
513                          -16.4531 GY   0.73
513                          -18.9844 GY   0.84
513                          -18.9844 GY   0.95
513                          -16.4531 GY   1.07
513                          -13.9219 GY   1.18
513                          -11.3906 GY   1.29
513                           -8.8594 GY   1.40
513                           -6.3281 GY   1.51
513                           -3.7969 GY   1.62
513                           -1.2656 GY   1.72
549                           -1.2656 GY   0.08
549                           -3.7969 GY   0.18
549                           -6.3281 GY   0.29
549                           -8.8594 GY   0.40
549                          -11.3906 GY   0.51
549                          -13.9219 GY   0.62
549                          -16.4531 GY   0.73
549                          -18.9844 GY   0.85
549  -180.0000 GY   0.90    1.30
549                          -18.9844 GY   1.36
549                          -16.4531 GY   1.47
549                          -13.9219 GY   1.58
```

```
549                          -11.3906 GY   1.69
549                           -8.8594 GY   1.80
549                           -6.3281 GY   1.91
549                           -3.7969 GY   2.02
549                           -1.2656 GY   2.12
519                           -1.2656 GY   0.08
519                           -3.7969 GY   0.17
519                           -6.3281 GY   0.28
519                           -8.8594 GY   0.40
519                          -11.3906 GY   0.51
519                          -13.9219 GY   0.62
519                          -16.4531 GY   0.73
519                          -18.9844 GY   0.84
519                          -18.9844 GY   0.95
519                          -16.4531 GY   1.07
519                          -13.9219 GY   1.18
519                          -11.3906 GY   1.29
519                           -8.8594 GY   1.40
519                           -6.3281 GY   1.51
519                           -3.7969 GY   1.62
519                           -1.2656 GY   1.72
543                           -1.2656 GY   0.08
543                           -3.7969 GY   0.18
543                           -6.3281 GY   0.29
543                           -8.8594 GY   0.40
543                          -11.3906 GY   0.51
543                          -13.9219 GY   0.62
543                          -16.4531 GY   0.73
543                          -18.9844 GY   0.85
543  -180.0000 GY   0.90    1.30
543                          -18.9844 GY   1.36
543                          -16.4531 GY   1.47
543                          -13.9219 GY   1.58
543                          -11.3906 GY   1.69
543                           -8.8594 GY   1.80
543                           -6.3281 GY   1.91
543                           -3.7969 GY   2.02
543                           -1.2656 GY   2.12
514                           -1.8906 GY   0.09
514                           -5.6719 GY   0.21
514                           -9.4531 GY   0.35
514                          -13.2344 GY   0.48
514                          -17.0156 GY   0.62
514                          -20.7969 GY   0.76
514                          -24.5781 GY   0.90
514                          -28.3594 GY   1.03
514  -220.0001 GY   1.10    1.30
514                          -28.3594 GY   1.37
514                          -24.5781 GY   1.50
514                          -20.7969 GY   1.64
514                          -17.0156 GY   1.78
514                          -13.2344 GY   1.92
514                           -9.4531 GY   2.05
514                           -5.6719 GY   2.19
514                           -1.8906 GY   2.31
555                           -1.8906 GY   0.09
```

```
555                          -5.6719 GY   0.21
555                          -9.4531 GY   0.35
555                         -13.2344 GY   0.48
555                         -17.0156 GY   0.62
555                         -20.7969 GY   0.76
555                         -24.5781 GY   0.90
555                         -28.3594 GY   1.03
555                         -28.3594 GY   1.17
555                         -24.5781 GY   1.30
555                         -20.7969 GY   1.44
555                         -17.0156 GY   1.58
555                         -13.2344 GY   1.72
555                          -9.4531 GY   1.85
555                          -5.6719 GY   1.99
555                          -1.8906 GY   2.11
520                          -1.8906 GY   0.09
520                          -5.6719 GY   0.21
520                          -9.4531 GY   0.35
520                         -13.2344 GY   0.48
520                         -17.0156 GY   0.62
520                         -20.7969 GY   0.76
520                         -24.5781 GY   0.90
520                         -28.3594 GY   1.03
520  -219.9999 GY   1.10    1.30
520                         -28.3593 GY   1.37
520                         -24.5781 GY   1.50
520                         -20.7969 GY   1.64
520                         -17.0156 GY   1.78
520                         -13.2344 GY   1.92
520                          -9.4531 GY   2.05
520                          -5.6719 GY   2.19
520                          -1.8906 GY   2.31
549                          -1.8906 GY   0.09
549                          -5.6719 GY   0.21
549                          -9.4531 GY   0.35
549                         -13.2344 GY   0.48
549                         -17.0156 GY   0.62
549                         -20.7969 GY   0.76
549                         -24.5781 GY   0.90
549                         -28.3594 GY   1.03
549                         -28.3594 GY   1.17
549                         -24.5781 GY   1.30
549                         -20.7969 GY   1.44
549                         -17.0156 GY   1.58
549                         -13.2344 GY   1.72
549                          -9.4531 GY   1.85
549                          -5.6719 GY   1.99
549                          -1.8906 GY   2.11
572                          -3.5156 GY   0.12
572                         -10.5469 GY   0.29
572                         -17.5781 GY   0.47
572                         -24.6094 GY   0.66
572                         -31.6406 GY   0.85
572                         -38.6719 GY   1.03
572                         -45.7031 GY   1.22
572                         -52.7344 GY   1.41
```

```
572                          -52.7344 GY   1.59
572                          -45.7031 GY   1.78
572                          -38.6719 GY   1.97
572                          -31.6406 GY   2.15
572                          -24.6094 GY   2.34
572                          -17.5781 GY   2.52
572                          -10.5469 GY   2.71
572                           -3.5156 GY   2.87
522                          -52.7344 GY   0.29
522                          -45.7031 GY   0.48
522                          -38.6719 GY   0.67
522                          -31.6406 GY   0.85
522                          -24.6094 GY   1.04
522                          -17.5781 GY   1.23
522                          -10.5469 GY   1.41
522                           -3.5156 GY   1.58
522  -300.0000 GY   0.00    0.20
521                           -3.5156 GY   0.12
521                          -10.5469 GY   0.29
521                          -17.5781 GY   0.47
521                          -24.6094 GY   0.66
521                          -31.6406 GY   0.85
521                          -38.6718 GY   1.03
521                          -45.7031 GY   1.22
521                          -52.7343 GY   1.41
521  -299.9998 GY   1.50    5.60
556                          -15.0000 GY   0.05
556                          -13.0000 GY   0.15
556                          -11.0000 GY   0.25
556                           -9.0000 GY   0.35
556                           -7.0000 GY   0.45
556                           -5.0000 GY   0.55
556                           -3.0000 GY   0.64
556                           -1.0000 GY   0.73
555                           -3.5156 GY   0.12
555                          -10.5469 GY   0.29
555                          -17.5781 GY   0.47
555                          -24.6094 GY   0.66
555                          -31.6406 GY   0.85
555                          -38.6719 GY   1.03
555                          -45.7031 GY   1.22
555                          -52.7344 GY   1.41
555                          -25.4844 GY   1.54
555                          -23.9531 GY   1.63
555                          -22.4219 GY   1.72
555                          -20.8906 GY   1.81
555                          -19.3594 GY   1.89
555                          -17.8281 GY   1.98
555                          -16.2969 GY   2.07
555                          -14.7656 GY   2.16
516  -300.0000 GY   0.00    2.15
516                          -52.7344 GY   2.24
516                          -45.7031 GY   2.43
516                          -38.6719 GY   2.62
516                          -31.6406 GY   2.80
516                          -24.6094 GY   2.99
```

```
516                          -17.5781 GY   3.18
516                          -10.5469 GY   3.36
516                           -3.5156 GY   3.53
515  -300.0000 GY   1.50    3.65
515                           -3.5156 GY   0.12
515                          -10.5469 GY   0.29
515                          -17.5781 GY   0.47
515                          -24.6094 GY   0.66
515                          -31.6406 GY   0.85
515                          -38.6719 GY   1.03
515                          -45.7031 GY   1.22
515                          -52.7344 GY   1.41
517                           -1.1289 GY   0.07
517                           -3.3867 GY   0.17
517                           -5.6445 GY   0.27
517                           -7.9023 GY   0.37
517                          -10.1602 GY   0.48
517                          -12.4180 GY   0.59
517                          -14.6758 GY   0.69
517                          -16.9336 GY   0.80
517                          -16.9336 GY   0.90
517                          -14.6758 GY   1.01
517                          -12.4180 GY   1.11
517                          -10.1602 GY   1.22
517                           -7.9023 GY   1.33
517                           -5.6445 GY   1.43
517                           -3.3867 GY   1.53
517                           -1.1289 GY   1.63
576                           -1.1289 GY   0.07
576                           -3.3867 GY   0.17
576                           -5.6445 GY   0.27
576                           -7.9024 GY   0.37
576                          -10.1602 GY   0.48
576                          -12.4180 GY   0.59
576                          -14.6758 GY   0.69
576                          -16.9336 GY   0.80
576  -170.0001 GY   0.85    2.15
576                          -16.9336 GY   2.20
576                          -14.6758 GY   2.31
576                          -12.4180 GY   2.41
576                          -10.1602 GY   2.52
576                           -7.9024 GY   2.63
576                           -5.6445 GY   2.73
576                           -3.3867 GY   2.83
576                           -1.1289 GY   2.93
524                          -15.0001 GY   0.05
524                          -13.0000 GY   0.15
524                          -11.0000 GY   0.25
524                           -9.0000 GY   0.35
524                           -7.0000 GY   0.45
524                           -5.0000 GY   0.55
524                           -3.0000 GY   0.64
524                           -1.0000 GY   0.73
523                           -1.1289 GY   0.07
523                           -3.3867 GY   0.17
523                           -5.6445 GY   0.27
```

```
523                          -7.9024 GY   0.37
523                         -10.1602 GY   0.48
523                         -12.4180 GY   0.59
523                         -14.6758 GY   0.69
523                         -16.9336 GY   0.80
523                          -1.0586 GY   0.85
523                          -1.0508 GY   0.86
523                          -1.0430 GY   0.87
523                          -1.0351 GY   0.87
523                          -1.0273 GY   0.88
523                          -1.0195 GY   0.88
523                          -1.0117 GY   0.89
523                          -1.0039 GY   0.90
572                          -1.1289 GY   0.07
572                          -3.3867 GY   0.17
572                          -5.6445 GY   0.27
572                          -7.9024 GY   0.37
572                         -10.1602 GY   0.48
572                         -12.4180 GY   0.59
572                         -14.6758 GY   0.69
572                         -16.9336 GY   0.80
572  -170.0001 GY   0.85    2.15
572                         -16.9336 GY   2.20
572                         -14.6758 GY   2.31
572                         -12.4180 GY   2.41
572                         -10.1602 GY   2.52
572                          -7.9024 GY   2.63
572                          -5.6445 GY   2.73
572                          -3.3867 GY   2.83
572                          -1.1289 GY   2.93
518                          -2.4414 GY   0.10
518                          -7.3242 GY   0.24
518                         -12.2070 GY   0.40
518                         -17.0898 GY   0.55
518                         -21.9726 GY   0.71
518                         -26.8554 GY   0.86
518                         -31.7382 GY   1.02
518                         -36.6210 GY   1.17
518                         -36.6211 GY   1.33
518                         -31.7383 GY   1.48
518                         -26.8555 GY   1.64
518                         -21.9726 GY   1.79
518                         -17.0898 GY   1.95
518                         -12.2070 GY   2.10
518                          -7.3242 GY   2.26
518                          -2.4414 GY   2.40
580                          -2.4414 GY   0.10
580                          -7.3242 GY   0.24
580                         -12.2070 GY   0.40
580                         -17.0898 GY   0.55
580                         -21.9726 GY   0.71
580                         -26.8555 GY   0.86
580                         -31.7383 GY   1.02
580                         -36.6211 GY   1.17
580  -250.0000 GY   1.25    1.75
580                         -36.6211 GY   1.83
```

580			-31.7383	GY	1.98
580			-26.8555	GY	2.14
580			-21.9727	GY	2.29
580			-17.0898	GY	2.45
580			-12.2070	GY	2.60
580			-7.3242	GY	2.76
580			-2.4414	GY	2.90
525			-2.4414	GY	0.10
525			-7.3242	GY	0.24
525			-12.2070	GY	0.40
525			-17.0898	GY	0.55
525			-21.9726	GY	0.71
525			-26.8555	GY	0.86
525			-31.7383	GY	1.02
525			-36.6211	GY	1.17
525			-36.6211	GY	1.33
525			-31.7383	GY	1.48
525			-26.8555	GY	1.64
525			-21.9727	GY	1.79
525			-17.0898	GY	1.95
525			-12.2070	GY	2.10
525			-7.3242	GY	2.26
525			-2.4414	GY	2.40
576			-2.4414	GY	0.10
576			-7.3242	GY	0.24
576			-12.2070	GY	0.40
576			-17.0898	GY	0.55
576			-21.9726	GY	0.71
576			-26.8554	GY	0.86
576			-31.7382	GY	1.02
576			-36.6210	GY	1.17
576	-249.9998	GY 1.25	1.75		
576			-36.6211	GY	1.83
576			-31.7383	GY	1.98
576			-26.8555	GY	2.14
576			-21.9726	GY	2.29
576			-17.0898	GY	2.45
576			-12.2070	GY	2.60
576			-7.3242	GY	2.76
576			-2.4414	GY	2.90
556			-1.0000	GY	0.07
556			-3.0000	GY	0.16
556			-5.0000	GY	0.25
556			-7.0000	GY	0.35
556			-9.0000	GY	0.45
556			-11.0000	GY	0.55
556			-13.0000	GY	0.65
556			-15.0000	GY	0.75
557			-15.0000	GY	0.05
557			-13.0000	GY	0.15
557			-11.0000	GY	0.25
557			-9.0000	GY	0.35
557			-7.0000	GY	0.45
557			-5.0000	GY	0.55
557			-3.0000	GY	0.64
557			-1.0000	GY	0.73

```
526                          -1.0000 GY   0.07
526                          -3.0000 GY   0.16
526                          -5.0000 GY   0.25
526                          -7.0000 GY   0.35
526                          -9.0000 GY   0.45
526                         -11.0000 GY   0.55
526                         -13.0000 GY   0.65
526                         -15.0000 GY   0.75
526  -160.0000 GY   0.80    3.40
526                         -15.0000 GY   3.45
526                         -13.0000 GY   3.55
526                         -11.0000 GY   3.65
526                          -9.0000 GY   3.75
526                          -7.0000 GY   3.85
526                          -5.0000 GY   3.95
526                          -3.0000 GY   4.04
526                          -1.0000 GY   4.13
545                          -0.2344 GY   0.01
545                          -0.2031 GY   0.02
545                          -0.1719 GY   0.03
545                          -0.1406 GY   0.04
545                          -0.1094 GY   0.06
545                          -0.0781 GY   0.07
545                          -0.0469 GY   0.08
545                          -0.0156 GY   0.09
544                          -1.0000 GY   0.07
544                          -3.0000 GY   0.16
544                          -5.0000 GY   0.25
544                          -7.0000 GY   0.35
544                          -9.0000 GY   0.45
544                         -11.0000 GY   0.55
544                         -13.0000 GY   0.65
544                         -15.0000 GY   0.75
544                         -13.2344 GY   0.84
544                         -11.7031 GY   0.93
544                         -10.1719 GY   1.02
544                          -8.6406 GY   1.10
544                          -7.1094 GY   1.19
544                          -5.5781 GY   1.28
544                          -4.0469 GY   1.37
544                          -2.5156 GY   1.45
520  -160.0000 GY   0.00    1.60
520                         -15.0000 GY   1.65
520                         -13.0000 GY   1.75
520                         -11.0000 GY   1.85
520                          -9.0000 GY   1.95
520                          -7.0000 GY   2.05
520                          -5.0000 GY   2.15
520                          -3.0000 GY   2.24
520                          -1.0000 GY   2.33
519  -160.0000 GY   0.80    1.80
519                          -1.0000 GY   0.07
519                          -3.0000 GY   0.16
519                          -5.0000 GY   0.25
519                          -7.0000 GY   0.35
519                          -9.0000 GY   0.45
```

519			-11.0000 GY	0.55
519			-13.0000 GY	0.65
519			-15.0000 GY	0.75
521			-11.3906 GY	0.23
521			-34.1719 GY	0.53
521			-56.9532 GY	0.86
521			-79.7344 GY	1.19
521			-102.5157 GY	1.53
521			-125.2970 GY	1.86
521			-148.0782 GY	2.20
521			-170.8595 GY	2.54
521	-540.0001 GY	2.70	2.90	
521			-170.8594 GY	3.06
521			-148.0782 GY	3.40
521			-125.2969 GY	3.74
521			-102.5157 GY	4.07
521			-79.7344 GY	4.41
521			-56.9531 GY	4.74
521			-34.1719 GY	5.07
521			-11.3906 GY	5.38
565			-11.3906 GY	0.22
565			-34.1719 GY	0.52
565			-56.9531 GY	0.85
565			-79.7344 GY	1.19
565			-102.5156 GY	1.52
565			-125.2969 GY	1.86
565			-148.0781 GY	2.20
565			-170.8594 GY	2.53
565			-170.8594 GY	2.86
565			-148.0782 GY	3.20
565			-125.2969 GY	3.54
565			-102.5157 GY	3.88
565			-79.7344 GY	4.21
565			-56.9531 GY	4.55
565			-34.1719 GY	4.88
565			-11.3906 GY	5.18
531			-123.9844 GY	0.14
531			-107.4531 GY	0.43
531			-90.9219 GY	0.71
531			-74.3906 GY	1.00
531			-57.8594 GY	1.29
531			-41.3281 GY	1.57
531			-24.7969 GY	1.85
531			-8.2656 GY	2.11
530			-11.3906 GY	0.23
530			-34.1719 GY	0.53
530			-56.9531 GY	0.86
530			-79.7344 GY	1.19
530			-102.5156 GY	1.53
530			-125.2969 GY	1.86
530			-148.0782 GY	2.20
530			-170.8594 GY	2.54
530	-539.9999 GY	2.70	2.90	
530			-26.7501 GY	2.92
530			-26.2501 GY	2.97
530			-25.7501 GY	3.02

530			-25.2500	GY	3.07
530			-24.7501	GY	3.12
530			-24.2500	GY	3.17
530			-23.7500	GY	3.22
530			-23.2500	GY	3.27
559			-52.7344	GY	0.09
559			-45.7031	GY	0.28
559			-38.6719	GY	0.47
559			-31.6406	GY	0.65
559			-24.6094	GY	0.84
559			-17.5781	GY	1.02
559			-10.5469	GY	1.21
559			-3.5156	GY	1.37
558			-43.6407	GY	0.12
558			-54.9219	GY	0.36
558			-66.2032	GY	0.60
558			-77.4844	GY	0.83
558			-88.7657	GY	1.07
558			-100.0469	GY	1.31
558			-111.3282	GY	1.55
558			-122.6094	GY	1.78
558			-78.7500	GY	1.97
558			-74.2500	GY	2.12
558			-69.7500	GY	2.27
558			-65.2500	GY	2.42
558			-60.7500	GY	2.57
558			-56.2500	GY	2.72
558			-51.7500	GY	2.87
558			-47.2500	GY	3.02
557			-1.0000	GY	0.07
557			-3.0000	GY	0.16
557			-5.0000	GY	0.25
557			-7.0000	GY	0.35
557			-9.0000	GY	0.45
557			-11.0000	GY	0.55
557			-13.0000	GY	0.65
557			-15.0000	GY	0.75
573	-259.9998	GY	1.30	2.00	
573			-2.6406	GY	0.11
573			-7.9219	GY	0.25
573			-13.2031	GY	0.41
573			-18.4844	GY	0.57
573			-23.7656	GY	0.73
573			-29.0469	GY	0.90
573			-34.3281	GY	1.06
573			-39.6093	GY	1.22
574	-259.9998	GY	0.00	2.10	
574			-39.6093	GY	2.18
574			-34.3281	GY	2.34
574			-29.0468	GY	2.50
574			-23.7656	GY	2.67
574			-18.4844	GY	2.83
574			-13.2031	GY	2.99
574			-7.9219	GY	3.15
574			-2.6406	GY	3.29
533			-33.7500	GY	0.07

```
533                          -29.2500 GY   0.22
533                          -24.7500 GY   0.37
533                          -20.2500 GY   0.52
533                          -15.7500 GY   0.67
533                          -11.2500 GY   0.82
533                           -6.7500 GY   0.97
533                           -2.2500 GY   1.10
532                           -2.6406 GY   0.11
532                           -7.9219 GY   0.25
532                          -13.2031 GY   0.41
532                          -18.4844 GY   0.57
532                          -23.7656 GY   0.73
532                          -29.0468 GY   0.90
532                          -34.3281 GY   1.06
532                          -39.6093 GY   1.22
532                           -3.2344 GY   1.31
532                           -3.2031 GY   1.32
532                           -3.1719 GY   1.33
532                           -3.1406 GY   1.34
532                           -3.1094 GY   1.36
532                           -3.0781 GY   1.37
532                           -3.0469 GY   1.38
532                           -3.0156 GY   1.39
565                           -2.6406 GY   0.11
565                           -7.9219 GY   0.25
565                          -13.2031 GY   0.41
565                          -18.4844 GY   0.57
565                          -23.7656 GY   0.73
565                          -29.0469 GY   0.90
565                          -34.3281 GY   1.06
565                          -39.6094 GY   1.22
565  -260.0000 GY   1.30    4.10
565                          -39.6094 GY   4.18
565                          -34.3281 GY   4.34
565                          -29.0469 GY   4.50
565                          -23.7656 GY   4.67
565                          -18.4844 GY   4.83
565                          -13.2031 GY   4.99
565                           -7.9219 GY   5.15
565                           -2.6406 GY   5.29
523                          -18.9844 GY   0.05
523                          -16.4531 GY   0.17
523                          -13.9219 GY   0.28
523                          -11.3906 GY   0.39
523                           -8.8594 GY   0.50
523                           -6.3281 GY   0.61
523                           -3.7969 GY   0.72
523                           -1.2656 GY   0.82
522                           -2.6406 GY   0.11
522                           -7.9219 GY   0.25
522                          -13.2031 GY   0.41
522                          -18.4844 GY   0.57
522                          -23.7656 GY   0.73
522                          -29.0469 GY   0.90
522                          -34.3281 GY   1.06
522                          -39.6094 GY   1.22
```

```
522                          -12.7500 GY   1.32
522                          -12.2500 GY   1.37
522                          -11.7500 GY   1.42
522                          -11.2500 GY   1.47
522                          -10.7500 GY   1.52
522                          -10.2500 GY   1.57
522                           -9.7500 GY   1.62
522                           -9.2500 GY   1.67
581                           -1.5625 GY   0.08
581                           -4.6875 GY   0.19
581                           -7.8125 GY   0.32
581                          -10.9375 GY   0.44
581                          -14.0625 GY   0.56
581                          -17.1875 GY   0.69
581                          -20.3125 GY   0.81
581                          -23.4375 GY   0.94
581                          -23.4375 GY   1.06
581                          -20.3125 GY   1.19
581                          -17.1875 GY   1.31
581                          -14.0625 GY   1.44
581                          -10.9375 GY   1.56
581                           -7.8125 GY   1.68
581                           -4.6875 GY   1.81
581                           -1.5625 GY   1.92
527                           -1.5625 GY   0.08
527                           -4.6875 GY   0.19
527                           -7.8125 GY   0.32
527                          -10.9375 GY   0.44
527                          -14.0625 GY   0.56
527                          -17.1875 GY   0.69
527                          -20.3125 GY   0.81
527                          -23.4375 GY   0.94
527  -200.0002 GY   1.00    2.30
527                          -23.4375 GY   2.36
527                          -20.3125 GY   2.49
527                          -17.1875 GY   2.61
527                          -14.0625 GY   2.74
527                          -10.9375 GY   2.86
527                           -7.8125 GY   2.98
527                           -4.6875 GY   3.11
527                           -1.5625 GY   3.22
573                           -1.5625 GY   0.08
573                           -4.6875 GY   0.19
573                           -7.8125 GY   0.32
573                          -10.9375 GY   0.44
573                          -14.0625 GY   0.56
573                          -17.1875 GY   0.69
573                          -20.3125 GY   0.81
573                          -23.4375 GY   0.94
573                          -23.4375 GY   1.06
573                          -20.3125 GY   1.19
573                          -17.1875 GY   1.31
573                          -14.0625 GY   1.44
573                          -10.9375 GY   1.56
573                           -7.8125 GY   1.68
573                           -4.6875 GY   1.81
```

573			-1.5625	GY	1.92
525			-4.0625	GY	0.01
525			-4.1875	GY	0.04
525			-4.3125	GY	0.06
525			-4.4375	GY	0.09
525			-4.5625	GY	0.11
525			-4.6875	GY	0.14
525			-4.8125	GY	0.16
525			-4.9375	GY	0.19
525	-200.0000	GY 0.20	1.50		
525			-23.4375	GY	1.56
525			-20.3125	GY	1.69
525			-17.1875	GY	1.81
525			-14.0625	GY	1.94
525			-10.9375	GY	2.06
525			-7.8125	GY	2.18
525			-4.6875	GY	2.31
525			-1.5625	GY	2.42
524			-1.0000	GY	0.07
524			-3.0000	GY	0.16
524			-5.0000	GY	0.25
524			-7.0000	GY	0.35
524			-9.0000	GY	0.45
524			-11.0000	GY	0.55
524			-13.0000	GY	0.65
524			-15.0000	GY	0.75
526			-3.7539	GY	0.13
526			-11.2617	GY	0.30
526			-18.7695	GY	0.49
526			-26.2773	GY	0.68
526			-33.7852	GY	0.88
526			-41.2930	GY	1.07
526			-48.8008	GY	1.26
526			-56.3086	GY	1.46
526	-310.0000	GY 1.55	2.65		
526			-56.3086	GY	2.74
526			-48.8008	GY	2.94
526			-41.2930	GY	3.13
526			-33.7852	GY	3.32
526			-26.2773	GY	3.52
526			-18.7695	GY	3.71
526			-11.2617	GY	3.90
526			-3.7539	GY	4.07
558			-3.7539	GY	0.13
558			-11.2617	GY	0.30
558			-18.7695	GY	0.49
558			-26.2773	GY	0.68
558			-33.7851	GY	0.88
558			-41.2929	GY	1.07
558			-48.8008	GY	1.26
558			-56.3086	GY	1.46
558			-56.3086	GY	1.64
558			-48.8008	GY	1.84
558			-41.2930	GY	2.03
558			-33.7852	GY	2.22
558			-26.2773	GY	2.42

558			-18.7695	GY	2.61
558			-11.2617	GY	2.80
558			-3.7539	GY	2.97
528			-3.7539	GY	0.13
528			-11.2617	GY	0.30
528			-18.7695	GY	0.49
528			-26.2773	GY	0.68
528			-33.7851	GY	0.88
528			-41.2929	GY	1.07
528			-48.8007	GY	1.26
528			-56.3086	GY	1.46
528	-309.9998	GY 1.55	2.65		
528			-56.3086	GY	2.74
528			-48.8007	GY	2.94
528			-41.2929	GY	3.13
528			-33.7851	GY	3.32
528			-26.2773	GY	3.52
528			-18.7695	GY	3.71
528			-11.2617	GY	3.90
528			-3.7539	GY	4.07
546			-3.7539	GY	0.13
546			-11.2617	GY	0.30
546			-18.7695	GY	0.49
546			-26.2773	GY	0.68
546			-33.7852	GY	0.88
546			-41.2930	GY	1.07
546			-48.8008	GY	1.26
546			-56.3086	GY	1.46
546			-56.3086	GY	1.64
546			-48.8008	GY	1.84
546			-41.2929	GY	2.03
546			-33.7851	GY	2.22
546			-26.2773	GY	2.42
546			-18.7695	GY	2.61
546			-11.2617	GY	2.80
546			-3.7539	GY	2.97
527			-4.2539	GY	0.14
527			-12.7617	GY	0.32
527			-21.2695	GY	0.52
527			-29.7773	GY	0.73
527			-38.2852	GY	0.93
527			-46.7930	GY	1.14
527			-55.3008	GY	1.34
527			-63.8086	GY	1.55
527			-63.8086	GY	1.75
527			-55.3008	GY	1.96
527			-46.7930	GY	2.16
527			-38.2851	GY	2.37
527			-29.7773	GY	2.57
527			-21.2695	GY	2.78
527			-12.7617	GY	2.98
527			-4.2539	GY	3.16
582			-4.2539	GY	0.14
582			-12.7617	GY	0.32
582			-21.2695	GY	0.52
582			-29.7773	GY	0.73

```
582                          -38.2851 GY   0.93
582                          -46.7930 GY   1.14
582                          -55.3008 GY   1.34
582                          -63.8086 GY   1.55
582  -330.0000 GY   1.65    1.75
582                          -63.8086 GY   1.85
582                          -55.3008 GY   2.06
582                          -46.7930 GY   2.26
582                          -38.2851 GY   2.47
582                          -29.7773 GY   2.67
582                          -21.2695 GY   2.88
582                          -12.7617 GY   3.08
582                           -4.2539 GY   3.26
534                           -4.2539 GY   0.14
534                          -12.7617 GY   0.32
534                          -21.2695 GY   0.52
534                          -29.7773 GY   0.73
534                          -38.2851 GY   0.93
534                          -46.7929 GY   1.14
534                          -55.3008 GY   1.34
534                          -63.8086 GY   1.55
534                          -63.8086 GY   1.75
534                          -55.3008 GY   1.96
534                          -46.7930 GY   2.16
534                          -38.2852 GY   2.37
534                          -29.7774 GY   2.57
534                          -21.2695 GY   2.78
534                          -12.7617 GY   2.98
534                           -4.2539 GY   3.16
574                           -4.2539 GY   0.14
574                          -12.7617 GY   0.32
574                          -21.2695 GY   0.52
574                          -29.7774 GY   0.73
574                          -38.2852 GY   0.93
574                          -46.7930 GY   1.14
574                          -55.3008 GY   1.34
574                          -63.8086 GY   1.55
574  -330.0001 GY   1.65    1.75
574                          -63.8086 GY   1.85
574                          -55.3008 GY   2.06
574                          -46.7930 GY   2.26
574                          -38.2852 GY   2.47
574                          -29.7773 GY   2.67
574                          -21.2695 GY   2.88
574                          -12.7617 GY   3.08
574                           -4.2539 GY   3.26
528                           -0.8789 GY   0.06
528                           -2.6367 GY   0.15
528                           -4.3945 GY   0.24
528                           -6.1523 GY   0.33
528                           -7.9102 GY   0.42
528                           -9.6680 GY   0.52
528                          -11.4258 GY   0.61
528                          -13.1836 GY   0.70
528  -150.0000 GY   0.75    3.45
528                          -13.1836 GY   3.50
```

528			-11.4258	GY	3.59
528			-9.6680	GY	3.68
528			-7.9102	GY	3.78
528			-6.1523	GY	3.87
528			-4.3945	GY	3.96
528			-2.6367	GY	4.05
528			-0.8789	GY	4.14
559			-0.8789	GY	0.06
559			-2.6367	GY	0.15
559			-4.3945	GY	0.24
559			-6.1523	GY	0.33
559			-7.9102	GY	0.42
559			-9.6680	GY	0.52
559			-11.4258	GY	0.61
559			-13.1836	GY	0.70
559			-13.1836	GY	0.80
559			-11.4258	GY	0.89
559			-9.6680	GY	0.98
559			-7.9102	GY	1.08
559			-6.1523	GY	1.17
559			-4.3945	GY	1.26
559			-2.6367	GY	1.35
559			-0.8789	GY	1.44
529			-0.8789	GY	0.06
529			-2.6367	GY	0.15
529			-4.3945	GY	0.24
529			-6.1523	GY	0.33
529			-7.9102	GY	0.42
529			-9.6680	GY	0.52
529			-11.4258	GY	0.61
529			-13.1836	GY	0.70
529	-150.0000	GY	0.75	3.45	
529			-13.1836	GY	3.50
529			-11.4258	GY	3.59
529			-9.6680	GY	3.68
529			-7.9102	GY	3.78
529			-6.1523	GY	3.87
529			-4.3945	GY	3.96
529			-2.6367	GY	4.05
529			-0.8789	GY	4.14
547			-0.8789	GY	0.06
547			-2.6367	GY	0.15
547			-4.3945	GY	0.24
547			-6.1523	GY	0.33
547			-7.9102	GY	0.42
547			-9.6680	GY	0.52
547			-11.4258	GY	0.61
547			-13.1836	GY	0.70
547			-13.1836	GY	0.80
547			-11.4258	GY	0.89
547			-9.6680	GY	0.98
547			-7.9102	GY	1.08
547			-6.1523	GY	1.17
547			-4.3945	GY	1.26
547			-2.6367	GY	1.35
547			-0.8789	GY	1.44

```
529                          -3.2852 GY   0.12
529                          -9.8555 GY   0.28
529                         -16.4258 GY   0.46
529                         -22.9961 GY   0.64
529                         -29.5664 GY   0.82
529                         -36.1367 GY   1.00
529                         -42.7070 GY   1.18
529                         -49.2774 GY   1.36
529  -290.0002 GY   1.45    2.75
529                         -49.2773 GY   2.84
529                         -42.7070 GY   3.02
529                         -36.1367 GY   3.20
529                         -29.5664 GY   3.38
529                         -22.9961 GY   3.56
529                         -16.4258 GY   3.74
529                          -9.8555 GY   3.92
529                          -3.2852 GY   4.08
560                          -3.2852 GY   0.12
560                          -9.8555 GY   0.28
560                         -16.4258 GY   0.46
560                         -22.9961 GY   0.64
560                         -29.5664 GY   0.82
560                         -36.1367 GY   1.00
560                         -42.7070 GY   1.18
560                         -49.2774 GY   1.36
560                         -49.2773 GY   1.54
560                         -42.7070 GY   1.72
560                         -36.1367 GY   1.90
560                         -29.5664 GY   2.08
560                         -22.9961 GY   2.26
560                         -16.4258 GY   2.44
560                          -9.8555 GY   2.62
560                          -3.2852 GY   2.78
535                          -3.2852 GY   0.12
535                          -9.8555 GY   0.28
535                         -16.4258 GY   0.46
535                         -22.9961 GY   0.64
535                         -29.5664 GY   0.82
535                         -36.1367 GY   1.00
535                         -42.7070 GY   1.18
535                         -49.2773 GY   1.36
535  -289.9998 GY   1.45    2.75
535                         -49.2773 GY   2.84
535                         -42.7070 GY   3.02
535                         -36.1367 GY   3.20
535                         -29.5664 GY   3.38
535                         -22.9961 GY   3.56
535                         -16.4258 GY   3.74
535                          -9.8555 GY   3.92
535                          -3.2852 GY   4.08
548                          -3.2852 GY   0.12
548                          -9.8555 GY   0.28
548                         -16.4258 GY   0.46
548                         -22.9961 GY   0.64
548                         -29.5664 GY   0.82
548                         -36.1367 GY   1.00
```

548			-42.7071 GY	1.18
548			-49.2774 GY	1.36
548			-49.2773 GY	1.54
548			-42.7070 GY	1.72
548			-36.1367 GY	1.90
548			-29.5664 GY	2.08
548			-22.9961 GY	2.26
548			-16.4258 GY	2.44
548			-9.8555 GY	2.62
548			-3.2852 GY	2.78
530			-3.2852 GY	0.12
530			-9.8555 GY	0.28
530			-16.4258 GY	0.46
530			-22.9961 GY	0.64
530			-29.5664 GY	0.82
530			-36.1367 GY	1.00
530			-42.7071 GY	1.18
530			-49.2774 GY	1.36
530	-290.0002 GY	1.45	1.85	
530			-49.2774 GY	1.94
530			-42.7071 GY	2.12
530			-36.1367 GY	2.30
530			-29.5664 GY	2.48
530			-22.9961 GY	2.66
530			-16.4258 GY	2.84
530			-9.8555 GY	3.02
530			-3.2852 GY	3.18
561			-3.2852 GY	0.12
561			-9.8555 GY	0.28
561			-16.4258 GY	0.46
561			-22.9961 GY	0.64
561			-29.5664 GY	0.82
561			-36.1367 GY	1.00
561			-42.7071 GY	1.18
561			-49.2774 GY	1.36
561			-49.2773 GY	1.54
561			-42.7070 GY	1.72
561			-36.1367 GY	1.90
561			-29.5664 GY	2.08
561			-22.9961 GY	2.26
561			-16.4258 GY	2.44
561			-9.8555 GY	2.62
561			-3.2852 GY	2.78
536			-3.2852 GY	0.12
536			-9.8555 GY	0.28
536			-16.4258 GY	0.46
536			-22.9961 GY	0.64
536			-29.5664 GY	0.82
536			-36.1367 GY	1.00
536			-42.7070 GY	1.18
536			-49.2773 GY	1.36
536	-289.9998 GY	1.45	1.85	
536			-49.2773 GY	1.94
536			-42.7070 GY	2.12
536			-36.1367 GY	2.30
536			-29.5664 GY	2.48

536			-22.9961	GY	2.66
536			-16.4258	GY	2.84
536			-9.8555	GY	3.02
536			-3.2852	GY	3.18
560			-3.2852	GY	0.12
560			-9.8555	GY	0.28
560			-16.4258	GY	0.46
560			-22.9961	GY	0.64
560			-29.5664	GY	0.82
560			-36.1367	GY	1.00
560			-42.7071	GY	1.18
560			-49.2774	GY	1.36
560			-49.2773	GY	1.54
560			-42.7070	GY	1.72
560			-36.1367	GY	1.90
560			-29.5664	GY	2.08
560			-22.9961	GY	2.26
560			-16.4258	GY	2.44
560			-9.8555	GY	2.62
560			-3.2852	GY	2.78
566			-3.2852	GY	0.12
566			-9.8555	GY	0.28
566			-16.4258	GY	0.46
566			-22.9961	GY	0.64
566			-29.5664	GY	0.82
566			-36.1367	GY	1.00
566			-42.7071	GY	1.18
566			-49.2774	GY	1.36
566			-49.2773	GY	1.54
566			-42.7070	GY	1.72
566			-36.1367	GY	1.90
566			-29.5664	GY	2.08
566			-22.9961	GY	2.26
566			-16.4258	GY	2.44
566			-9.8555	GY	2.62
566			-3.2852	GY	2.78
537			-3.2852	GY	0.12
537			-9.8555	GY	0.28
537			-16.4258	GY	0.46
537			-22.9961	GY	0.64
537			-29.5664	GY	0.82
537			-36.1367	GY	1.00
537			-42.7070	GY	1.18
537			-49.2773	GY	1.36
537	-289.9998	GY	1.45	2.25	
537			-49.2773	GY	2.34
537			-42.7070	GY	2.52
537			-36.1367	GY	2.70
537			-29.5664	GY	2.88
537			-22.9961	GY	3.06
537			-16.4258	GY	3.24
537			-9.8555	GY	3.42
537			-3.2852	GY	3.58
561			-3.2852	GY	0.12
561			-9.8555	GY	0.28
561			-16.4258	GY	0.46

```
561                          -22.9961 GY   0.64
561                          -29.5664 GY   0.82
561                          -36.1367 GY   1.00
561                          -42.7070 GY   1.18
561                          -49.2774 GY   1.36
561                          -49.2773 GY   1.54
561                          -42.7070 GY   1.72
561                          -36.1367 GY   1.90
561                          -29.5664 GY   2.08
561                          -22.9961 GY   2.26
561                          -16.4258 GY   2.44
561                           -9.8555 GY   2.62
561                           -3.2852 GY   2.78
532                          -45.9375 GY   0.09
532                          -39.8125 GY   0.26
532                          -33.6875 GY   0.43
532                          -27.5625 GY   0.61
532                          -21.4375 GY   0.78
532                          -15.3125 GY   0.96
532                           -9.1875 GY   1.13
532                           -3.0625 GY   1.28
531                           -3.2852 GY   0.12
531                           -9.8555 GY   0.28
531                          -16.4258 GY   0.46
531                          -22.9961 GY   0.64
531                          -29.5664 GY   0.82
531                          -36.1367 GY   1.00
531                          -42.7070 GY   1.18
531                          -49.2774 GY   1.36
531  -290.0002 GY   1.45    2.25
531                           -1.8086 GY   2.25
531                           -1.8008 GY   2.26
531                           -1.7930 GY   2.27
531                           -1.7852 GY   2.27
531                           -1.7774 GY   2.28
531                           -1.7695 GY   2.28
531                           -1.7617 GY   2.29
531                           -1.7539 GY   2.30
533                           -0.5625 GY   0.05
533                           -1.6875 GY   0.12
533                           -2.8125 GY   0.19
533                           -3.9375 GY   0.26
533                           -5.0625 GY   0.34
533                           -6.1875 GY   0.41
533                           -7.3125 GY   0.49
533                           -8.4375 GY   0.56
533                           -8.4375 GY   0.64
533                           -7.3125 GY   0.71
533                           -6.1875 GY   0.79
533                           -5.0625 GY   0.86
533                           -3.9375 GY   0.94
533                           -2.8125 GY   1.01
533                           -1.6875 GY   1.08
533                           -0.5625 GY   1.15
575                           -0.5625 GY   0.05
575                           -1.6875 GY   0.12
```

```
575                          -2.8125 GY   0.19
575                          -3.9375 GY   0.26
575                          -5.0625 GY   0.34
575                          -6.1875 GY   0.41
575                          -7.3125 GY   0.49
575                          -8.4375 GY   0.56
575  -119.9999 GY   0.60    2.30
575                          -8.4375 GY   2.34
575                          -7.3125 GY   2.41
575                          -6.1875 GY   2.49
575                          -5.0625 GY   2.56
575                          -3.9375 GY   2.64
575                          -2.8125 GY   2.71
575                          -1.6875 GY   2.78
575                          -0.5625 GY   2.85
538                          -0.5625 GY   0.05
538                          -1.6875 GY   0.12
538                          -2.8125 GY   0.19
538                          -3.9375 GY   0.26
538                          -5.0625 GY   0.34
538                          -6.1875 GY   0.41
538                          -7.3125 GY   0.49
538                          -8.4375 GY   0.56
538                          -8.4375 GY   0.64
538                          -7.3125 GY   0.71
538                          -6.1875 GY   0.79
538                          -5.0625 GY   0.86
538                          -3.9375 GY   0.94
538                          -2.8125 GY   1.01
538                          -1.6875 GY   1.08
538                          -0.5625 GY   1.15
566                          -0.5625 GY   0.05
566                          -1.6875 GY   0.12
566                          -2.8125 GY   0.19
566                          -3.9375 GY   0.26
566                          -5.0625 GY   0.34
566                          -6.1875 GY   0.41
566                          -7.3125 GY   0.49
566                          -8.4375 GY   0.56
566  -120.0001 GY   0.60    2.30
566                          -8.4375 GY   2.34
566                          -7.3125 GY   2.41
566                          -6.1875 GY   2.49
566                          -5.0625 GY   2.56
566                          -3.9375 GY   2.64
566                          -2.8125 GY   2.71
566                          -1.6875 GY   2.78
566                          -0.5625 GY   2.85
534                          -3.2852 GY   0.12
534                          -9.8555 GY   0.28
534                         -16.4258 GY   0.46
534                         -22.9961 GY   0.64
534                         -29.5664 GY   0.82
534                         -36.1367 GY   1.00
534                         -42.7070 GY   1.18
534                         -49.2774 GY   1.36
```

534	-290.0002 GY	1.45	1.85		
534			-49.2774 GY	1.94	
534			-42.7071 GY	2.12	
534			-36.1367 GY	2.30	
534			-29.5664 GY	2.48	
534			-22.9961 GY	2.66	
534			-16.4258 GY	2.84	
534			-9.8555 GY	3.02	
534			-3.2852 GY	3.18	
583			-3.2852 GY	0.12	
583			-9.8555 GY	0.28	
583			-16.4258 GY	0.46	
583			-22.9961 GY	0.64	
583			-29.5664 GY	0.82	
583			-36.1367 GY	1.00	
583			-42.7071 GY	1.18	
583			-49.2774 GY	1.36	
583			-49.2773 GY	1.54	
583			-42.7070 GY	1.72	
583			-36.1367 GY	1.90	
583			-29.5664 GY	2.08	
583			-22.9961 GY	2.26	
583			-16.4258 GY	2.44	
583			-9.8555 GY	2.62	
583			-3.2852 GY	2.78	
539			-3.2852 GY	0.12	
539			-9.8555 GY	0.28	
539			-16.4258 GY	0.46	
539			-22.9961 GY	0.64	
539			-29.5664 GY	0.82	
539			-36.1367 GY	1.00	
539			-42.7070 GY	1.18	
539			-49.2773 GY	1.36	
539	-289.9998 GY	1.45	1.85		
539			-49.2773 GY	1.94	
539			-42.7070 GY	2.12	
539			-36.1367 GY	2.30	
539			-29.5664 GY	2.48	
539			-22.9961 GY	2.66	
539			-16.4258 GY	2.84	
539			-9.8555 GY	3.02	
539			-3.2852 GY	3.18	
575			-3.2852 GY	0.12	
575			-9.8555 GY	0.28	
575			-16.4258 GY	0.46	
575			-22.9961 GY	0.64	
575			-29.5664 GY	0.82	
575			-36.1367 GY	1.00	
575			-42.7071 GY	1.18	
575			-49.2774 GY	1.36	
575			-49.2773 GY	1.54	
575			-42.7070 GY	1.72	
575			-36.1367 GY	1.90	
575			-29.5664 GY	2.08	
575			-22.9961 GY	2.26	
575			-16.4258 GY	2.44	

575			-9.8555	GY	2.62		
575			-3.2852	GY	2.78		

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON		L	LIN1	LIN2
601				-10.3359	GY	0.18		
601				-31.0078	GY	0.41		
601				-51.6797	GY	0.67		
601				-72.3516	GY	0.93		
601				-93.0235	GY	1.19		
601				-113.6953	GY	1.45		
601				-134.3672	GY	1.71		
601				-155.0391	GY	1.97		
601				-155.0391	GY	2.23		
601				-134.3672	GY	2.49		
601				-113.6953	GY	2.75		
601				-93.0235	GY	3.01		
601				-72.3516	GY	3.28		
601				-51.6797	GY	3.54		
601				-31.0078	GY	3.79		
601				-10.3359	GY	4.03		
643				-10.3359	GY	0.17		
643				-31.0078	GY	0.41		
643				-51.6797	GY	0.66		
643				-72.3516	GY	0.92		
643				-93.0235	GY	1.19		
643				-113.6953	GY	1.45		
643				-134.3672	GY	1.71		
643				-155.0391	GY	1.97		
643	-630.0001	GY	2.10	2.70				
643				-155.0391	GY	2.83		
643				-134.3672	GY	3.09		
643				-113.6953	GY	3.35		
643				-93.0235	GY	3.61		
643				-72.3516	GY	3.88		
643				-51.6797	GY	4.14		
643				-31.0078	GY	4.39		
643				-10.3359	GY	4.62		
605				-10.3359	GY	0.18		
605				-31.0078	GY	0.41		
605				-51.6797	GY	0.67		
605				-72.3516	GY	0.93		
605				-93.0235	GY	1.19		
605				-113.6953	GY	1.45		
605				-134.3672	GY	1.71		
605				-155.0391	GY	1.97		
605				-155.0391	GY	2.23		
605				-134.3672	GY	2.49		
605				-113.6953	GY	2.75		
605				-93.0235	GY	3.01		
605				-72.3516	GY	3.28		
605				-51.6797	GY	3.54		
605				-31.0078	GY	3.79		

605			-10.3359 GY	4.03
635			-10.3359 GY	0.17
635			-31.0078 GY	0.41
635			-51.6797 GY	0.66
635			-72.3516 GY	0.92
635			-93.0235 GY	1.19
635			-113.6953 GY	1.45
635			-134.3672 GY	1.71
635			-155.0391 GY	1.97
635	-630.0001 GY	2.10	2.70	
635			-155.0391 GY	2.83
635			-134.3672 GY	3.09
635			-113.6953 GY	3.35
635			-93.0235 GY	3.61
635			-72.3516 GY	3.88
635			-51.6797 GY	4.14
635			-31.0078 GY	4.39
635			-10.3359 GY	4.62
602			-7.8062 GY	0.15
602			-23.4184 GY	0.35
602			-39.0308 GY	0.58
602			-54.6430 GY	0.80
602			-70.2553 GY	1.03
602			-85.8676 GY	1.26
602			-101.4799 GY	1.49
602			-117.0923 GY	1.71
602			-117.0923 GY	1.94
602			-101.4799 GY	2.16
602			-85.8676 GY	2.39
602			-70.2553 GY	2.62
602			-54.6430 GY	2.85
602			-39.0308 GY	3.07
602			-23.4184 GY	3.30
602			-7.8062 GY	3.50
652			-7.8062 GY	0.15
652			-23.4185 GY	0.35
652			-39.0308 GY	0.58
652			-54.6431 GY	0.80
652			-70.2553 GY	1.03
652			-85.8677 GY	1.26
652			-101.4799 GY	1.49
652			-117.0923 GY	1.71
652	-547.5000 GY	1.82	3.67	
652			-117.0923 GY	3.79
652			-101.4800 GY	4.01
652			-85.8677 GY	4.24
652			-70.2554 GY	4.47
652			-54.6431 GY	4.70
652			-39.0308 GY	4.92
652			-23.4185 GY	5.15
652			-7.8062 GY	5.35
607			-7.8062 GY	0.15
607			-23.4185 GY	0.35
607			-39.0308 GY	0.58
607			-54.6431 GY	0.80
607			-70.2554 GY	1.03

607			-85.8677	GY	1.26
607			-101.4800	GY	1.49
607			-117.0923	GY	1.71
607			-117.0923	GY	1.94
607			-101.4800	GY	2.16
607			-85.8677	GY	2.39
607			-70.2554	GY	2.62
607			-54.6431	GY	2.85
607			-39.0308	GY	3.07
607			-23.4185	GY	3.30
607			-7.8062	GY	3.50
644			-17.2266	GY	0.04
644			-14.9297	GY	0.13
644			-12.6328	GY	0.22
644			-10.3359	GY	0.30
644			-8.0391	GY	0.39
644			-5.7422	GY	0.48
644			-3.4453	GY	0.56
644			-1.1484	GY	0.64
643			-7.8061	GY	0.15
643			-23.4184	GY	0.35
643			-39.0307	GY	0.58
643			-54.6430	GY	0.80
643			-70.2553	GY	1.03
643			-85.8676	GY	1.26
643			-101.4799	GY	1.49
643			-117.0923	GY	1.71
643	-547.5000	GY	1.82	3.67	
643			-74.0259	GY	3.74
643			-68.0933	GY	3.88
643			-62.1607	GY	4.03
643			-56.2280	GY	4.17
643			-50.2954	GY	4.31
643			-44.3628	GY	4.45
643			-38.4302	GY	4.59
643			-32.4976	GY	4.73
603			-7.8062	GY	0.15
603			-23.4185	GY	0.35
603			-39.0308	GY	0.58
603			-54.6431	GY	0.80
603			-70.2554	GY	1.03
603			-85.8677	GY	1.26
603			-101.4800	GY	1.49
603			-117.0923	GY	1.71
603			-117.0923	GY	1.94
603			-101.4800	GY	2.16
603			-85.8677	GY	2.39
603			-70.2554	GY	2.62
603			-54.6431	GY	2.85
603			-39.0308	GY	3.07
603			-23.4185	GY	3.30
603			-7.8062	GY	3.50
657			-7.8062	GY	0.15
657			-23.4185	GY	0.35
657			-39.0308	GY	0.58
657			-54.6431	GY	0.80

657			-70.2554	GY	1.03
657			-85.8677	GY	1.26
657			-101.4800	GY	1.49
657			-117.0923	GY	1.71
657	-547.5000	GY	1.82	3.67	
657			-74.0259	GY	3.74
657			-68.0933	GY	3.88
657			-62.1606	GY	4.03
657			-56.2280	GY	4.17
657			-50.2954	GY	4.31
657			-44.3628	GY	4.45
657			-38.4302	GY	4.59
657			-32.4976	GY	4.73
658			-17.2266	GY	0.04
658			-14.9297	GY	0.13
658			-12.6328	GY	0.22
658			-10.3359	GY	0.30
658			-8.0391	GY	0.39
658			-5.7422	GY	0.48
658			-3.4453	GY	0.56
658			-1.1484	GY	0.64
608			-7.8062	GY	0.15
608			-23.4185	GY	0.35
608			-39.0308	GY	0.58
608			-54.6431	GY	0.80
608			-70.2554	GY	1.03
608			-85.8677	GY	1.26
608			-101.4800	GY	1.49
608			-117.0923	GY	1.71
608			-117.0923	GY	1.94
608			-101.4800	GY	2.16
608			-85.8677	GY	2.39
608			-70.2554	GY	2.62
608			-54.6431	GY	2.85
608			-39.0308	GY	3.07
608			-23.4185	GY	3.30
608			-7.8062	GY	3.50
652			-7.8062	GY	0.15
652			-23.4185	GY	0.35
652			-39.0308	GY	0.58
652			-54.6431	GY	0.80
652			-70.2554	GY	1.03
652			-85.8677	GY	1.26
652			-101.4800	GY	1.49
652			-117.0923	GY	1.71
652	-547.5001	GY	1.82	3.67	
652			-117.0923	GY	3.79
652			-101.4800	GY	4.01
652			-85.8677	GY	4.24
652			-70.2554	GY	4.47
652			-54.6431	GY	4.70
652			-39.0308	GY	4.92
652			-23.4185	GY	5.15
652			-7.8062	GY	5.35
604			-10.3359	GY	0.18
604			-31.0078	GY	0.41

604			-51.6797	GY	0.67
604			-72.3515	GY	0.93
604			-93.0234	GY	1.19
604			-113.6953	GY	1.45
604			-134.3672	GY	1.71
604			-155.0390	GY	1.97
604			-155.0390	GY	2.23
604			-134.3671	GY	2.49
604			-113.6952	GY	2.75
604			-93.0234	GY	3.01
604			-72.3515	GY	3.27
604			-51.6797	GY	3.53
604			-31.0078	GY	3.79
604			-10.3359	GY	4.02
665			-10.3359	GY	0.17
665			-31.0078	GY	0.41
665			-51.6797	GY	0.66
665			-72.3515	GY	0.92
665			-93.0234	GY	1.19
665			-113.6952	GY	1.45
665			-134.3671	GY	1.71
665			-155.0390	GY	1.97
665	-629.9998	GY	2.10		2.70
665			-155.0390	GY	2.83
665			-134.3672	GY	3.09
665			-113.6953	GY	3.35
665			-93.0234	GY	3.61
665			-72.3516	GY	3.87
665			-51.6797	GY	4.14
665			-31.0078	GY	4.39
665			-10.3359	GY	4.62
606			-10.3359	GY	0.17
606			-31.0078	GY	0.41
606			-51.6797	GY	0.66
606			-72.3515	GY	0.92
606			-93.0234	GY	1.19
606			-113.6953	GY	1.45
606			-134.3672	GY	1.71
606			-155.0390	GY	1.97
606			-155.0391	GY	2.23
606			-134.3672	GY	2.49
606			-113.6953	GY	2.75
606			-93.0235	GY	3.01
606			-72.3516	GY	3.27
606			-51.6797	GY	3.53
606			-31.0078	GY	3.79
606			-10.3359	GY	4.02
657			-10.3359	GY	0.17
657			-31.0078	GY	0.41
657			-51.6797	GY	0.66
657			-72.3515	GY	0.92
657			-93.0234	GY	1.19
657			-113.6953	GY	1.45
657			-134.3672	GY	1.71
657			-155.0390	GY	1.97
657	-630.0002	GY	2.10		2.70

657			-155.0391	GY	2.83
657			-134.3672	GY	3.09
657			-113.6954	GY	3.35
657			-93.0235	GY	3.61
657			-72.3516	GY	3.87
657			-51.6797	GY	4.14
657			-31.0078	GY	4.39
657			-10.3359	GY	4.62
605			-10.3359	GY	0.18
605			-31.0078	GY	0.41
605			-51.6797	GY	0.67
605			-72.3516	GY	0.93
605			-93.0235	GY	1.19
605			-113.6953	GY	1.45
605			-134.3672	GY	1.71
605			-155.0391	GY	1.97
605			-155.0391	GY	2.23
605			-134.3672	GY	2.49
605			-113.6953	GY	2.75
605			-93.0235	GY	3.01
605			-72.3516	GY	3.28
605			-51.6797	GY	3.54
605			-31.0078	GY	3.79
605			-10.3359	GY	4.03
644			-1.1484	GY	0.06
644			-3.4453	GY	0.14
644			-5.7422	GY	0.22
644			-8.0391	GY	0.31
644			-10.3359	GY	0.40
644			-12.6328	GY	0.48
644			-14.9297	GY	0.57
644			-17.2266	GY	0.66
645			-41.3437	GY	0.09
645			-50.5312	GY	0.27
645			-59.7188	GY	0.44
645			-68.9062	GY	0.61
645			-78.0938	GY	0.79
645			-87.2813	GY	0.96
645			-96.4688	GY	1.14
645			-105.6563	GY	1.31
645	-630.0001	GY	1.40	2.00	
645			-155.0391	GY	2.13
645			-134.3672	GY	2.39
645			-113.6953	GY	2.65
645			-93.0235	GY	2.91
645			-72.3516	GY	3.17
645			-51.6797	GY	3.43
645			-31.0078	GY	3.69
645			-10.3359	GY	3.92
610			-20.4610	GY	0.02
610			-20.8828	GY	0.06
610			-21.3047	GY	0.09
610			-21.7266	GY	0.13
610			-22.1485	GY	0.17
610			-22.5703	GY	0.21
610			-22.9922	GY	0.24

610			-23.4141	GY	0.28	
610			-155.0391	GY	0.43	
610			-134.3672	GY	0.69	
610			-113.6953	GY	0.95	
610			-93.0235	GY	1.21	
610			-72.3516	GY	1.48	
610			-51.6797	GY	1.74	
610			-31.0078	GY	1.99	
610			-10.3359	GY	2.23	
609			-7.5938	GY	0.15	
609			-22.7813	GY	0.35	
609			-37.9688	GY	0.57	
609			-53.1563	GY	0.79	
609			-68.3438	GY	1.02	
609			-83.5313	GY	1.24	
609			-98.7188	GY	1.47	
609			-113.9062	GY	1.69	
636			-10.3359	GY	0.17	
636			-31.0078	GY	0.41	
636			-51.6797	GY	0.66	
636			-72.3516	GY	0.92	
636			-93.0235	GY	1.19	
636			-113.6953	GY	1.45	
636			-134.3672	GY	1.71	
636			-155.0391	GY	1.97	
636	-630.0001	GY	2.10	2.70		
636			-155.0391	GY	2.83	
636			-134.3672	GY	3.09	
636			-113.6953	GY	3.35	
636			-93.0235	GY	3.61	
636			-72.3516	GY	3.87	
636			-51.6797	GY	4.14	
636			-31.0078	GY	4.39	
636			-10.3359	GY	4.62	
606			-10.3359	GY	0.18	
606			-31.0078	GY	0.41	
606			-51.6797	GY	0.67	
606			-72.3515	GY	0.93	
606			-93.0234	GY	1.19	
606			-113.6953	GY	1.45	
606			-134.3672	GY	1.71	
606			-155.0390	GY	1.97	
606			-155.0390	GY	2.23	
606			-134.3671	GY	2.49	
606			-113.6952	GY	2.75	
606			-93.0234	GY	3.01	
606			-72.3515	GY	3.27	
606			-51.6797	GY	3.53	
606			-31.0078	GY	3.79	
606			-10.3359	GY	4.02	
666			-10.3359	GY	0.17	
666			-31.0078	GY	0.41	
666			-51.6797	GY	0.66	
666			-72.3515	GY	0.92	
666			-93.0234	GY	1.19	
666			-113.6952	GY	1.45	

666			-134.3671	GY	1.71
666			-155.0390	GY	1.97
666	-629.9998	GY 2.10	2.70		
666			-155.0390	GY	2.83
666			-134.3672	GY	3.09
666			-113.6953	GY	3.35
666			-93.0234	GY	3.61
666			-72.3516	GY	3.87
666			-51.6797	GY	4.14
666			-31.0078	GY	4.39
666			-10.3359	GY	4.62
614			-25.8750	GY	0.03
614			-26.6250	GY	0.08
614			-27.3750	GY	0.13
614			-28.1250	GY	0.18
614			-28.8750	GY	0.23
614			-29.6250	GY	0.28
614			-30.3750	GY	0.33
614			-31.1250	GY	0.38
614			-155.0391	GY	0.53
614			-134.3672	GY	0.79
614			-113.6953	GY	1.05
614			-93.0234	GY	1.31
614			-72.3516	GY	1.57
614			-51.6797	GY	1.83
614			-31.0078	GY	2.09
614			-10.3359	GY	2.32
613			-6.7734	GY	0.14
613			-20.3203	GY	0.33
613			-33.8672	GY	0.54
613			-47.4141	GY	0.75
613			-60.9610	GY	0.96
613			-74.5079	GY	1.17
613			-88.0547	GY	1.38
613			-101.6016	GY	1.60
659			-41.3437	GY	0.09
659			-50.5312	GY	0.27
659			-59.7187	GY	0.44
659			-68.9062	GY	0.61
659			-78.0937	GY	0.79
659			-87.2812	GY	0.96
659			-96.4687	GY	1.14
659			-105.6562	GY	1.31
659	-630.0002	GY 1.40	2.00		
659			-155.0391	GY	2.13
659			-134.3672	GY	2.39
659			-113.6953	GY	2.65
659			-93.0235	GY	2.91
659			-72.3516	GY	3.17
659			-51.6797	GY	3.43
659			-31.0078	GY	3.69
659			-10.3359	GY	3.92
658			-1.1484	GY	0.06
658			-3.4453	GY	0.14
658			-5.7422	GY	0.22
658			-8.0391	GY	0.31

658			-10.3359	GY	0.40
658			-12.6328	GY	0.48
658			-14.9297	GY	0.57
658			-17.2266	GY	0.66
607			-7.8062	GY	0.15
607			-23.4185	GY	0.35
607			-39.0308	GY	0.58
607			-54.6431	GY	0.80
607			-70.2554	GY	1.03
607			-85.8677	GY	1.26
607			-101.4800	GY	1.49
607			-117.0923	GY	1.71
607			-117.0922	GY	1.94
607			-101.4799	GY	2.16
607			-85.8676	GY	2.39
607			-70.2553	GY	2.62
607			-54.6430	GY	2.85
607			-39.0307	GY	3.07
607			-23.4184	GY	3.30
607			-7.8061	GY	3.50
653			-0.0938	GY	0.02
653			-0.2813	GY	0.04
653			-0.4688	GY	0.06
653			-0.6563	GY	0.09
653			-0.8438	GY	0.11
653			-1.0313	GY	0.14
653			-1.2188	GY	0.16
653			-1.4063	GY	0.19
654			-18.3765	GY	0.11
654			-30.7544	GY	0.31
654			-43.1323	GY	0.51
654			-55.5102	GY	0.71
654			-67.8882	GY	0.92
654			-80.2661	GY	1.12
654			-92.6440	GY	1.32
654			-105.0219	GY	1.53
654	-547.4998	GY	1.62		2.08
654			-117.0922	GY	2.19
654			-101.4799	GY	2.41
654			-85.8676	GY	2.64
654			-70.2553	GY	2.87
654			-54.6430	GY	3.10
654			-39.0307	GY	3.32
654			-23.4184	GY	3.55
654			-7.8061	GY	3.75
611			-7.8062	GY	0.15
611			-23.4185	GY	0.35
611			-39.0308	GY	0.58
611			-54.6431	GY	0.80
611			-70.2554	GY	1.03
611			-85.8677	GY	1.26
611			-101.4800	GY	1.49
611			-117.0923	GY	1.71
611			-117.0922	GY	1.94
611			-101.4799	GY	2.16
611			-85.8676	GY	2.39

```
611                          -70.2553 GY   2.62
611                          -54.6430 GY   2.85
611                          -39.0307 GY   3.07
611                          -23.4184 GY   3.30
611                           -7.8061 GY   3.50
645                           -7.8062 GY   0.15
645                          -23.4185 GY   0.35
645                          -39.0308 GY   0.58
645                          -54.6431 GY   0.80
645                          -70.2554 GY   1.03
645                          -85.8677 GY   1.26
645                         -101.4800 GY   1.49
645                         -117.0923 GY   1.71
645  -547.5001 GY   1.82    2.28
645                         -117.0923 GY   2.39
645                         -101.4800 GY   2.61
645                          -85.8677 GY   2.84
645                          -70.2554 GY   3.07
645                          -54.6431 GY   3.30
645                          -39.0308 GY   3.52
645                          -23.4185 GY   3.75
645                           -7.8062 GY   3.95
608                           -7.8061 GY   0.15
608                          -23.4184 GY   0.35
608                          -39.0307 GY   0.58
608                          -54.6430 GY   0.80
608                          -70.2553 GY   1.03
608                          -85.8676 GY   1.26
608                         -101.4799 GY   1.49
608                         -117.0922 GY   1.71
608                         -117.0923 GY   1.94
608                         -101.4800 GY   2.16
608                          -85.8677 GY   2.39
608                          -70.2554 GY   2.62
608                          -54.6431 GY   2.85
608                          -39.0308 GY   3.07
608                          -23.4185 GY   3.30
608                           -7.8062 GY   3.50
659                           -7.8062 GY   0.15
659                          -23.4185 GY   0.35
659                          -39.0308 GY   0.58
659                          -54.6431 GY   0.80
659                          -70.2554 GY   1.03
659                          -85.8677 GY   1.26
659                         -101.4800 GY   1.49
659                         -117.0923 GY   1.71
659  -547.5002 GY   1.82    2.28
659                         -117.0923 GY   2.39
659                         -101.4800 GY   2.61
659                          -85.8677 GY   2.84
659                          -70.2554 GY   3.07
659                          -54.6431 GY   3.30
659                          -39.0308 GY   3.52
659                          -23.4185 GY   3.75
659                           -7.8062 GY   3.95
612                           -7.8062 GY   0.15
```

612			-23.4185	GY	0.35
612			-39.0308	GY	0.58
612			-54.6431	GY	0.80
612			-70.2554	GY	1.03
612			-85.8677	GY	1.26
612			-101.4800	GY	1.49
612			-117.0923	GY	1.71
612			-117.0923	GY	1.94
612			-101.4800	GY	2.16
612			-85.8677	GY	2.39
612			-70.2554	GY	2.62
612			-54.6431	GY	2.85
612			-39.0308	GY	3.07
612			-23.4185	GY	3.30
612			-7.8062	GY	3.50
654			-18.3765	GY	0.11
654			-30.7544	GY	0.31
654			-43.1323	GY	0.51
654			-55.5102	GY	0.71
654			-67.8881	GY	0.92
654			-80.2661	GY	1.12
654			-92.6440	GY	1.32
654			-105.0219	GY	1.53
654	-547.4998	GY 1.62	2.08		
654			-117.0922	GY	2.19
654			-101.4799	GY	2.41
654			-85.8676	GY	2.64
654			-70.2553	GY	2.87
654			-54.6430	GY	3.10
654			-39.0307	GY	3.32
654			-23.4184	GY	3.55
654			-7.8061	GY	3.75
653			-0.0938	GY	0.02
653			-0.2813	GY	0.04
653			-0.4688	GY	0.06
653			-0.6563	GY	0.09
653			-0.8438	GY	0.11
653			-1.0313	GY	0.14
653			-1.2188	GY	0.16
653			-1.4063	GY	0.19
609			-1.8984	GY	0.08
609			-5.6953	GY	0.17
609			-9.4922	GY	0.28
609			-13.2891	GY	0.40
609			-17.0859	GY	0.51
609			-20.8828	GY	0.62
609			-24.6797	GY	0.73
609			-28.4766	GY	0.84
609			-28.4766	GY	0.95
609			-24.6797	GY	1.07
609			-20.8828	GY	1.18
609			-17.0859	GY	1.29
609			-13.2891	GY	1.40
609			-9.4922	GY	1.51
609			-5.6953	GY	1.62
609			-1.8984	GY	1.72

```
642                          -1.8984 GY   0.08
642                          -5.6953 GY   0.18
642                          -9.4922 GY   0.29
642                         -13.2891 GY   0.40
642                         -17.0859 GY   0.51
642                         -20.8828 GY   0.62
642                         -24.6797 GY   0.73
642                         -28.4766 GY   0.85
642  -270.0000 GY   0.90    1.30
642                         -28.4765 GY   1.36
642                         -24.6797 GY   1.47
642                         -20.8828 GY   1.58
642                         -17.0859 GY   1.69
642                         -13.2891 GY   1.80
642                          -9.4922 GY   1.91
642                          -5.6953 GY   2.02
642                          -1.8984 GY   2.12
615                          -1.8984 GY   0.08
615                          -5.6953 GY   0.17
615                          -9.4922 GY   0.28
615                         -13.2891 GY   0.40
615                         -17.0859 GY   0.51
615                         -20.8828 GY   0.62
615                         -24.6797 GY   0.73
615                         -28.4765 GY   0.84
615                         -28.4765 GY   0.95
615                         -24.6797 GY   1.07
615                         -20.8828 GY   1.18
615                         -17.0859 GY   1.29
615                         -13.2891 GY   1.40
615                          -9.4922 GY   1.51
615                          -5.6953 GY   1.62
615                          -1.8984 GY   1.72
637                          -1.8984 GY   0.08
637                          -5.6953 GY   0.18
637                          -9.4922 GY   0.29
637                         -13.2891 GY   0.40
637                         -17.0859 GY   0.51
637                         -20.8828 GY   0.62
637                         -24.6797 GY   0.73
637                         -28.4766 GY   0.85
637  -270.0000 GY   0.90    1.30
637                         -28.4765 GY   1.36
637                         -24.6797 GY   1.47
637                         -20.8828 GY   1.58
637                         -17.0859 GY   1.69
637                         -13.2891 GY   1.80
637                          -9.4922 GY   1.91
637                          -5.6953 GY   2.02
637                          -1.8984 GY   2.12
610                          -2.8359 GY   0.09
610                          -8.5078 GY   0.21
610                         -14.1797 GY   0.35
610                         -19.8516 GY   0.48
610                         -25.5235 GY   0.62
610                         -31.1953 GY   0.76
```

```
610                          -36.8672 GY   0.90
610                          -42.5391 GY   1.03
610  -330.0001 GY   1.10    1.30
610                          -42.5391 GY   1.37
610                          -36.8672 GY   1.50
610                          -31.1953 GY   1.64
610                          -25.5234 GY   1.78
610                          -19.8516 GY   1.92
610                          -14.1797 GY   2.05
610                           -8.5078 GY   2.19
610                           -2.8359 GY   2.31
646                           -2.8359 GY   0.09
646                           -8.5078 GY   0.21
646                          -14.1797 GY   0.35
646                          -19.8516 GY   0.48
646                          -25.5234 GY   0.62
646                          -31.1953 GY   0.76
646                          -36.8672 GY   0.90
646                          -42.5391 GY   1.03
646                          -42.5390 GY   1.17
646                          -36.8672 GY   1.30
646                          -31.1953 GY   1.44
646                          -25.5234 GY   1.58
646                          -19.8515 GY   1.72
646                          -14.1797 GY   1.85
646                           -8.5078 GY   1.99
646                           -2.8359 GY   2.11
616                           -2.8359 GY   0.09
616                           -8.5078 GY   0.21
616                          -14.1797 GY   0.35
616                          -19.8516 GY   0.48
616                          -25.5234 GY   0.62
616                          -31.1953 GY   0.76
616                          -36.8672 GY   0.90
616                          -42.5390 GY   1.03
616  -329.9998 GY   1.10    1.30
616                          -42.5390 GY   1.37
616                          -36.8672 GY   1.50
616                          -31.1953 GY   1.64
616                          -25.5234 GY   1.78
616                          -19.8515 GY   1.92
616                          -14.1797 GY   2.05
616                           -8.5078 GY   2.19
616                           -2.8359 GY   2.31
642                           -2.8359 GY   0.09
642                           -8.5078 GY   0.21
642                          -14.1797 GY   0.35
642                          -19.8516 GY   0.48
642                          -25.5234 GY   0.62
642                          -31.1953 GY   0.76
642                          -36.8672 GY   0.90
642                          -42.5391 GY   1.03
642                          -42.5390 GY   1.17
642                          -36.8672 GY   1.30
642                          -31.1953 GY   1.44
642                          -25.5234 GY   1.58
```

642			-19.8516	GY	1.72
642			-14.1797	GY	1.85
642			-8.5078	GY	1.99
642			-2.8359	GY	2.11
660			-5.2734	GY	0.12
660			-15.8203	GY	0.29
660			-26.3672	GY	0.47
660			-36.9140	GY	0.66
660			-47.4609	GY	0.85
660			-58.0078	GY	1.03
660			-68.5547	GY	1.22
660			-79.1015	GY	1.41
660			-79.1016	GY	1.59
660			-68.5547	GY	1.78
660			-58.0078	GY	1.97
660			-47.4609	GY	2.15
660			-36.9141	GY	2.34
660			-26.3672	GY	2.52
660			-15.8203	GY	2.71
660			-5.2734	GY	2.87
618			-79.1016	GY	0.29
618			-68.5547	GY	0.48
618			-58.0078	GY	0.67
618			-47.4609	GY	0.85
618			-36.9141	GY	1.04
618			-26.3672	GY	1.23
618			-15.8203	GY	1.41
618			-5.2734	GY	1.58
618	-450.0000	GY	0.00		0.20
617			-5.2734	GY	0.12
617			-15.8203	GY	0.29
617			-26.3672	GY	0.47
617			-36.9140	GY	0.66
617			-47.4609	GY	0.85
617			-58.0078	GY	1.03
617			-68.5546	GY	1.22
617			-79.1015	GY	1.41
617	-449.9997	GY	1.50		5.60
647			-22.5000	GY	0.05
647			-19.5000	GY	0.15
647			-16.5000	GY	0.25
647			-13.5000	GY	0.35
647			-10.5000	GY	0.45
647			-7.5000	GY	0.55
647			-4.5000	GY	0.64
647			-1.5000	GY	0.73
646			-5.2734	GY	0.12
646			-15.8203	GY	0.29
646			-26.3672	GY	0.47
646			-36.9141	GY	0.66
646			-47.4609	GY	0.85
646			-58.0078	GY	1.03
646			-68.5547	GY	1.22
646			-79.1015	GY	1.41
646			-38.2265	GY	1.54
646			-35.9297	GY	1.63

```
646                          -33.6328 GY   1.72
646                          -31.3359 GY   1.81
646                          -29.0391 GY   1.89
646                          -26.7422 GY   1.98
646                          -24.4453 GY   2.07
646                          -22.1484 GY   2.16
612  -450.0000 GY   0.00    2.15
612                          -79.1016 GY   2.24
612                          -68.5547 GY   2.43
612                          -58.0078 GY   2.62
612                          -47.4609 GY   2.80
612                          -36.9141 GY   2.99
612                          -26.3672 GY   3.18
612                          -15.8203 GY   3.36
612                           -5.2734 GY   3.53
611  -450.0000 GY   1.50    3.65
611                           -5.2734 GY   0.12
611                          -15.8203 GY   0.29
611                          -26.3672 GY   0.47
611                          -36.9141 GY   0.66
611                          -47.4609 GY   0.85
611                          -58.0078 GY   1.03
611                          -68.5547 GY   1.22
611                          -79.1015 GY   1.41
613                           -1.6934 GY   0.07
613                           -5.0801 GY   0.17
613                           -8.4668 GY   0.27
613                          -11.8535 GY   0.37
613                          -15.2402 GY   0.48
613                          -18.6270 GY   0.59
613                          -22.0137 GY   0.69
613                          -25.4004 GY   0.80
613                          -25.4004 GY   0.90
613                          -22.0137 GY   1.01
613                          -18.6270 GY   1.11
613                          -15.2402 GY   1.22
613                          -11.8535 GY   1.33
613                           -8.4668 GY   1.43
613                           -5.0801 GY   1.53
613                           -1.6934 GY   1.63
664                           -1.6934 GY   0.07
664                           -5.0801 GY   0.17
664                           -8.4668 GY   0.27
664                          -11.8535 GY   0.37
664                          -15.2403 GY   0.48
664                          -18.6270 GY   0.59
664                          -22.0137 GY   0.69
664                          -25.4004 GY   0.80
664  -255.0001 GY   0.85    2.15
664                          -25.4004 GY   2.20
664                          -22.0137 GY   2.31
664                          -18.6270 GY   2.41
664                          -15.2403 GY   2.52
664                          -11.8535 GY   2.63
664                           -8.4668 GY   2.73
664                           -5.0801 GY   2.83
```

```
664                          -1.6934 GY   2.93
620                         -22.5001 GY   0.05
620                         -19.5001 GY   0.15
620                         -16.5001 GY   0.25
620                         -13.5000 GY   0.35
620                         -10.5000 GY   0.45
620                          -7.5000 GY   0.55
620                          -4.5000 GY   0.64
620                          -1.5000 GY   0.73
619                          -1.6934 GY   0.07
619                          -5.0801 GY   0.17
619                          -8.4668 GY   0.27
619                         -11.8535 GY   0.37
619                         -15.2403 GY   0.48
619                         -18.6270 GY   0.59
619                         -22.0137 GY   0.69
619                         -25.4004 GY   0.80
619                          -1.5879 GY   0.85
619                          -1.5762 GY   0.86
619                          -1.5644 GY   0.87
619                          -1.5527 GY   0.87
619                          -1.5410 GY   0.88
619                          -1.5293 GY   0.88
619                          -1.5176 GY   0.89
619                          -1.5058 GY   0.90
660                          -1.6934 GY   0.07
660                          -5.0801 GY   0.17
660                          -8.4668 GY   0.27
660                         -11.8535 GY   0.37
660                         -15.2403 GY   0.48
660                         -18.6270 GY   0.59
660                         -22.0137 GY   0.69
660                         -25.4004 GY   0.80
660  -255.0001 GY   0.85    2.15
660                         -25.4004 GY   2.20
660                         -22.0137 GY   2.31
660                         -18.6270 GY   2.41
660                         -15.2403 GY   2.52
660                         -11.8535 GY   2.63
660                          -8.4668 GY   2.73
660                          -5.0801 GY   2.83
660                          -1.6934 GY   2.93
614                          -3.6621 GY   0.10
614                         -10.9863 GY   0.24
614                         -18.3105 GY   0.40
614                         -25.6347 GY   0.55
614                         -32.9589 GY   0.71
614                         -40.2831 GY   0.86
614                         -47.6074 GY   1.02
614                         -54.9316 GY   1.17
614                         -54.9316 GY   1.33
614                         -47.6074 GY   1.48
614                         -40.2832 GY   1.64
614                         -32.9590 GY   1.79
614                         -25.6347 GY   1.95
614                         -18.3105 GY   2.10
```

```
614                          -10.9863 GY   2.26
614                           -3.6621 GY   2.40
667                           -3.6621 GY   0.10
667                          -10.9863 GY   0.24
667                          -18.3105 GY   0.40
667                          -25.6348 GY   0.55
667                          -32.9590 GY   0.71
667                          -40.2832 GY   0.86
667                          -47.6074 GY   1.02
667                          -54.9316 GY   1.17
667  -375.0000 GY   1.25    1.75
667                          -54.9317 GY   1.83
667                          -47.6074 GY   1.98
667                          -40.2832 GY   2.14
667                          -32.9590 GY   2.29
667                          -25.6348 GY   2.45
667                          -18.3106 GY   2.60
667                          -10.9863 GY   2.76
667                           -3.6621 GY   2.90
621                           -3.6621 GY   0.10
621                          -10.9863 GY   0.24
621                          -18.3105 GY   0.40
621                          -25.6347 GY   0.55
621                          -32.9590 GY   0.71
621                          -40.2832 GY   0.86
621                          -47.6074 GY   1.02
621                          -54.9316 GY   1.17
621                          -54.9316 GY   1.33
621                          -47.6074 GY   1.48
621                          -40.2832 GY   1.64
621                          -32.9590 GY   1.79
621                          -25.6348 GY   1.95
621                          -18.3105 GY   2.10
621                          -10.9863 GY   2.26
621                           -3.6621 GY   2.40
664                           -3.6621 GY   0.10
664                          -10.9863 GY   0.24
664                          -18.3105 GY   0.40
664                          -25.6347 GY   0.55
664                          -32.9589 GY   0.71
664                          -40.2832 GY   0.86
664                          -47.6074 GY   1.02
664                          -54.9316 GY   1.17
664  -374.9997 GY   1.25    1.75
664                          -54.9316 GY   1.83
664                          -47.6074 GY   1.98
664                          -40.2832 GY   2.14
664                          -32.9590 GY   2.29
664                          -25.6348 GY   2.45
664                          -18.3105 GY   2.60
664                          -10.9863 GY   2.76
664                           -3.6621 GY   2.90
647                           -1.5000 GY   0.07
647                           -4.5000 GY   0.16
647                           -7.5000 GY   0.25
647                          -10.5000 GY   0.35
```

647			-13.5000	GY	0.45
647			-16.5000	GY	0.55
647			-19.5000	GY	0.65
647			-22.5000	GY	0.75
648			-22.5000	GY	0.05
648			-19.5000	GY	0.15
648			-16.5000	GY	0.25
648			-13.5000	GY	0.35
648			-10.5000	GY	0.45
648			-7.5000	GY	0.55
648			-4.5000	GY	0.64
648			-1.5000	GY	0.73
622			-1.5000	GY	0.07
622			-4.5000	GY	0.16
622			-7.5000	GY	0.25
622			-10.5000	GY	0.35
622			-13.5000	GY	0.45
622			-16.5000	GY	0.55
622			-19.5000	GY	0.65
622			-22.5000	GY	0.75
622	-240.0001	GY	0.80	3.40	
622			-22.5000	GY	3.45
622			-19.5000	GY	3.55
622			-16.5000	GY	3.65
622			-13.5000	GY	3.75
622			-10.5000	GY	3.85
622			-7.5000	GY	3.95
622			-4.5000	GY	4.04
622			-1.5000	GY	4.13
639			-0.3516	GY	0.01
639			-0.3047	GY	0.02
639			-0.2578	GY	0.03
639			-0.2109	GY	0.04
639			-0.1641	GY	0.06
639			-0.1172	GY	0.07
639			-0.0703	GY	0.08
639			-0.0234	GY	0.09
638			-1.5000	GY	0.07
638			-4.5000	GY	0.16
638			-7.5000	GY	0.25
638			-10.5000	GY	0.35
638			-13.5000	GY	0.45
638			-16.5000	GY	0.55
638			-19.5000	GY	0.65
638			-22.5000	GY	0.75
638			-19.8516	GY	0.84
638			-17.5547	GY	0.93
638			-15.2578	GY	1.02
638			-12.9609	GY	1.10
638			-10.6641	GY	1.19
638			-8.3672	GY	1.28
638			-6.0703	GY	1.37
638			-3.7734	GY	1.45
616	-240.0001	GY	0.00	1.60	
616			-22.5000	GY	1.65
616			-19.5000	GY	1.75

```
616                          -16.5000 GY   1.85
616                          -13.5000 GY   1.95
616                          -10.5000 GY   2.05
616                           -7.5000 GY   2.15
616                           -4.5000 GY   2.24
616                           -1.5000 GY   2.33
615  -240.0001 GY   0.80    1.80
615                           -1.5000 GY   0.07
615                           -4.5000 GY   0.16
615                           -7.5000 GY   0.25
615                          -10.5000 GY   0.35
615                          -13.5000 GY   0.45
615                          -16.5000 GY   0.55
615                          -19.5000 GY   0.65
615                          -22.5000 GY   0.75
617                          -17.0859 GY   0.23
617                          -51.2578 GY   0.53
617                          -85.4297 GY   0.86
617                         -119.6016 GY   1.19
617                         -153.7735 GY   1.53
617                         -187.9454 GY   1.86
617                         -222.1173 GY   2.20
617                         -256.2892 GY   2.54
617  -810.0003 GY   2.70    2.90
617                         -256.2892 GY   3.06
617                         -222.1173 GY   3.40
617                         -187.9454 GY   3.74
617                         -153.7735 GY   4.07
617                         -119.6016 GY   4.41
617                          -85.4297 GY   4.74
617                          -51.2578 GY   5.07
617                          -17.0859 GY   5.38
655                          -17.0859 GY   0.22
655                          -51.2578 GY   0.52
655                          -85.4297 GY   0.85
655                         -119.6016 GY   1.19
655                         -153.7734 GY   1.52
655                         -187.9453 GY   1.86
655                         -222.1172 GY   2.20
655                         -256.2891 GY   2.53
655                         -256.2892 GY   2.86
655                         -222.1173 GY   3.20
655                         -187.9454 GY   3.54
655                         -153.7735 GY   3.88
655                         -119.6016 GY   4.21
655                          -85.4297 GY   4.55
655                          -51.2578 GY   4.88
655                          -17.0859 GY   5.18
626                         -185.9766 GY   0.14
626                         -161.1797 GY   0.43
626                         -136.3828 GY   0.71
626                         -111.5860 GY   1.00
626                          -86.7891 GY   1.29
626                          -61.9922 GY   1.57
626                          -37.1953 GY   1.85
626                          -12.3984 GY   2.11
```

625			-17.0859	GY	0.23
625			-51.2578	GY	0.53
625			-85.4297	GY	0.86
625			-119.6016	GY	1.19
625			-153.7735	GY	1.53
625			-187.9454	GY	1.86
625			-222.1172	GY	2.20
625			-256.2891	GY	2.54
625	-809.9999	GY 2.70	2.90		
625			-40.1251	GY	2.92
625			-39.3751	GY	2.97
625			-38.6251	GY	3.02
625			-37.8751	GY	3.07
625			-37.1251	GY	3.12
625			-36.3751	GY	3.17
625			-35.6251	GY	3.22
625			-34.8751	GY	3.27
649			-65.4610	GY	0.12
649			-82.3829	GY	0.36
649			-99.3047	GY	0.60
649			-116.2266	GY	0.83
649			-133.1485	GY	1.07
649			-150.0704	GY	1.31
649			-166.9922	GY	1.55
649			-183.9141	GY	1.78
649			-256.2892	GY	2.06
649			-222.1173	GY	2.40
649			-187.9454	GY	2.74
649			-153.7735	GY	3.07
649			-119.6016	GY	3.41
649			-85.4297	GY	3.75
649			-51.2578	GY	4.07
649			-17.0859	GY	4.38
648			-1.5000	GY	0.07
648			-4.5000	GY	0.16
648			-7.5000	GY	0.25
648			-10.5000	GY	0.35
648			-13.5000	GY	0.45
648			-16.5000	GY	0.55
648			-19.5000	GY	0.65
648			-22.5000	GY	0.75
661	-389.9998	GY 1.30	2.00		
661			-3.9609	GY	0.11
661			-11.8828	GY	0.25
661			-19.8047	GY	0.41
661			-27.7265	GY	0.57
661			-35.6484	GY	0.73
661			-43.5703	GY	0.90
661			-51.4921	GY	1.06
661			-59.4140	GY	1.22
662	-389.9998	GY 0.00	2.10		
662			-59.4140	GY	2.18
662			-51.4921	GY	2.34
662			-43.5703	GY	2.50
662			-35.6484	GY	2.67
662			-27.7265	GY	2.83

662			-19.8047 GY	2.99	
662			-11.8828 GY	3.15	
662			-3.9609 GY	3.29	
628			-50.6249 GY	0.07	
628			-43.8749 GY	0.22	
628			-37.1250 GY	0.37	
628			-30.3750 GY	0.52	
628			-23.6250 GY	0.67	
628			-16.8750 GY	0.82	
628			-10.1250 GY	0.97	
628			-3.3750 GY	1.10	
627			-3.9609 GY	0.11	
627			-11.8828 GY	0.25	
627			-19.8047 GY	0.41	
627			-27.7265 GY	0.57	
627			-35.6484 GY	0.73	
627			-43.5703 GY	0.90	
627			-51.4921 GY	1.06	
627			-59.4140 GY	1.22	
627			-4.8516 GY	1.31	
627			-4.8047 GY	1.32	
627			-4.7578 GY	1.33	
627			-4.7110 GY	1.34	
627			-4.6641 GY	1.36	
627			-4.6172 GY	1.37	
627			-4.5703 GY	1.38	
627			-4.5235 GY	1.39	
655			-3.9609 GY	0.11	
655			-11.8828 GY	0.25	
655			-19.8047 GY	0.41	
655			-27.7266 GY	0.57	
655			-35.6484 GY	0.73	
655			-43.5703 GY	0.90	
655			-51.4922 GY	1.06	
655			-59.4141 GY	1.22	
655	-390.0001 GY	1.30	4.10		
655			-59.4140 GY	4.18	
655			-51.4922 GY	4.34	
655			-43.5703 GY	4.50	
655			-35.6484 GY	4.67	
655			-27.7266 GY	4.83	
655			-19.8047 GY	4.99	
655			-11.8828 GY	5.15	
655			-3.9609 GY	5.29	
619			-28.4765 GY	0.05	
619			-24.6797 GY	0.17	
619			-20.8828 GY	0.28	
619			-17.0859 GY	0.39	
619			-13.2890 GY	0.50	
619			-9.4922 GY	0.61	
619			-5.6953 GY	0.72	
619			-1.8984 GY	0.82	
618			-3.9609 GY	0.11	
618			-11.8828 GY	0.25	
618			-19.8047 GY	0.41	
618			-27.7266 GY	0.57	

```
618                          -35.6485 GY   0.73
618                          -43.5703 GY   0.90
618                          -51.4922 GY   1.06
618                          -59.4141 GY   1.22
618                          -19.1250 GY   1.32
618                          -18.3750 GY   1.37
618                          -17.6250 GY   1.42
618                          -16.8750 GY   1.47
618                          -16.1250 GY   1.52
618                          -15.3750 GY   1.57
618                          -14.6250 GY   1.62
618                          -13.8750 GY   1.67
668                           -2.3438 GY   0.08
668                           -7.0313 GY   0.19
668                          -11.7188 GY   0.32
668                          -16.4063 GY   0.44
668                          -21.0938 GY   0.56
668                          -25.7813 GY   0.69
668                          -30.4688 GY   0.81
668                          -35.1563 GY   0.94
668                          -35.1563 GY   1.06
668                          -30.4688 GY   1.19
668                          -25.7813 GY   1.31
668                          -21.0938 GY   1.44
668                          -16.4063 GY   1.56
668                          -11.7188 GY   1.68
668                           -7.0313 GY   1.81
668                           -2.3438 GY   1.92
623                           -2.3438 GY   0.08
623                           -7.0313 GY   0.19
623                          -11.7188 GY   0.32
623                          -16.4063 GY   0.44
623                          -21.0938 GY   0.56
623                          -25.7813 GY   0.69
623                          -30.4688 GY   0.81
623                          -35.1563 GY   0.94
623  -300.0003 GY   1.00    2.30
623                          -35.1563 GY   2.36
623                          -30.4688 GY   2.49
623                          -25.7813 GY   2.61
623                          -21.0938 GY   2.74
623                          -16.4063 GY   2.86
623                          -11.7188 GY   2.98
623                           -7.0313 GY   3.11
623                           -2.3438 GY   3.22
661                           -2.3437 GY   0.08
661                           -7.0312 GY   0.19
661                          -11.7187 GY   0.32
661                          -16.4062 GY   0.44
661                          -21.0937 GY   0.56
661                          -25.7812 GY   0.69
661                          -30.4687 GY   0.81
661                          -35.1562 GY   0.94
661                          -35.1563 GY   1.06
661                          -30.4688 GY   1.19
661                          -25.7813 GY   1.31
```

```
661                          -21.0938 GY   1.44
661                          -16.4063 GY   1.56
661                          -11.7188 GY   1.68
661                           -7.0313 GY   1.81
661                           -2.3438 GY   1.92
621                           -6.0937 GY   0.01
621                           -6.2812 GY   0.04
621                           -6.4687 GY   0.06
621                           -6.6562 GY   0.09
621                           -6.8437 GY   0.11
621                           -7.0312 GY   0.14
621                           -7.2187 GY   0.16
621                           -7.4062 GY   0.19
621  -300.0000 GY   0.20    1.50
621                          -35.1563 GY   1.56
621                          -30.4688 GY   1.69
621                          -25.7813 GY   1.81
621                          -21.0938 GY   1.94
621                          -16.4063 GY   2.06
621                          -11.7188 GY   2.18
621                           -7.0313 GY   2.31
621                           -2.3438 GY   2.42
620                           -1.5000 GY   0.07
620                           -4.5000 GY   0.16
620                           -7.5000 GY   0.25
620                          -10.5000 GY   0.35
620                          -13.5000 GY   0.45
620                          -16.5000 GY   0.55
620                          -19.5000 GY   0.65
620                          -22.5001 GY   0.75
622                          -10.3359 GY   0.18
622                          -31.0078 GY   0.41
622                          -51.6797 GY   0.67
622                          -72.3516 GY   0.93
622                          -93.0235 GY   1.19
622                         -113.6953 GY   1.45
622                         -134.3672 GY   1.71
622                         -155.0391 GY   1.97
622                         -155.0391 GY   2.23
622                         -134.3672 GY   2.49
622                         -113.6953 GY   2.75
622                          -93.0235 GY   3.01
622                          -72.3516 GY   3.28
622                          -51.6797 GY   3.54
622                          -31.0078 GY   3.79
622                          -10.3359 GY   4.03
649                          -10.3359 GY   0.18
649                          -31.0078 GY   0.41
649                          -51.6797 GY   0.67
649                          -72.3516 GY   0.93
649                          -93.0235 GY   1.19
649                         -113.6954 GY   1.45
649                         -134.3672 GY   1.71
649                         -155.0391 GY   1.97
649  -630.0001 GY   2.10    2.50
649                          -155.0391 GY   2.63
```

649			-134.3672 GY	2.89	
649			-113.6954 GY	3.15	
649			-93.0235 GY	3.41	
649			-72.3516 GY	3.67	
649			-51.6797 GY	3.93	
649			-31.0078 GY	4.19	
649			-10.3359 GY	4.42	
624			-10.3359 GY	0.18	
624			-31.0078 GY	0.41	
624			-51.6797 GY	0.67	
624			-72.3516 GY	0.93	
624			-93.0235 GY	1.19	
624			-113.6953 GY	1.45	
624			-134.3672 GY	1.71	
624			-155.0391 GY	1.97	
624			-155.0391 GY	2.23	
624			-134.3672 GY	2.49	
624			-113.6953 GY	2.75	
624			-93.0235 GY	3.01	
624			-72.3516 GY	3.28	
624			-51.6797 GY	3.54	
624			-31.0078 GY	3.79	
624			-10.3359 GY	4.03	
640			-10.3359 GY	0.18	
640			-31.0078 GY	0.41	
640			-51.6797 GY	0.67	
640			-72.3516 GY	0.93	
640			-93.0235 GY	1.19	
640			-113.6954 GY	1.45	
640			-134.3672 GY	1.71	
640			-155.0391 GY	1.97	
640	-630.0001 GY	2.10	2.50		
640			-155.0391 GY	2.63	
640			-134.3672 GY	2.89	
640			-113.6954 GY	3.15	
640			-93.0235 GY	3.41	
640			-72.3516 GY	3.67	
640			-51.6797 GY	3.93	
640			-31.0078 GY	4.19	
640			-10.3359 GY	4.42	
623			-6.3809 GY	0.14	
623			-19.1426 GY	0.32	
623			-31.9043 GY	0.52	
623			-44.6660 GY	0.73	
623			-57.4277 GY	0.93	
623			-70.1895 GY	1.14	
623			-82.9512 GY	1.34	
623			-95.7129 GY	1.55	
623			-95.7129 GY	1.75	
623			-82.9511 GY	1.96	
623			-70.1894 GY	2.16	
623			-57.4277 GY	2.37	
623			-44.6660 GY	2.57	
623			-31.9043 GY	2.78	
623			-19.1426 GY	2.98	
623			-6.3809 GY	3.16	

```
669                          -6.3809 GY   0.14
669                         -19.1426 GY   0.32
669                         -31.9043 GY   0.52
669                         -44.6660 GY   0.73
669                         -57.4277 GY   0.93
669                         -70.1894 GY   1.14
669                         -82.9511 GY   1.34
669                         -95.7129 GY   1.55
669  -494.9999 GY   1.65    1.75
669                         -95.7129 GY   1.85
669                         -82.9511 GY   2.06
669                         -70.1894 GY   2.26
669                         -57.4277 GY   2.47
669                         -44.6660 GY   2.67
669                         -31.9043 GY   2.88
669                         -19.1426 GY   3.08
669                          -6.3809 GY   3.26
629                          -6.3809 GY   0.14
629                         -19.1426 GY   0.32
629                         -31.9043 GY   0.52
629                         -44.6660 GY   0.73
629                         -57.4277 GY   0.93
629                         -70.1894 GY   1.14
629                         -82.9511 GY   1.34
629                         -95.7128 GY   1.55
629                         -95.7129 GY   1.75
629                         -82.9512 GY   1.96
629                         -70.1895 GY   2.16
629                         -57.4277 GY   2.37
629                         -44.6660 GY   2.57
629                         -31.9043 GY   2.78
629                         -19.1426 GY   2.98
629                          -6.3809 GY   3.16
662                          -6.3809 GY   0.14
662                         -19.1426 GY   0.32
662                         -31.9043 GY   0.52
662                         -44.6660 GY   0.73
662                         -57.4278 GY   0.93
662                         -70.1895 GY   1.14
662                         -82.9512 GY   1.34
662                         -95.7129 GY   1.55
662  -495.0002 GY   1.65    1.75
662                         -95.7129 GY   1.85
662                         -82.9512 GY   2.06
662                         -70.1895 GY   2.26
662                         -57.4277 GY   2.47
662                         -44.6660 GY   2.67
662                         -31.9043 GY   2.88
662                         -19.1426 GY   3.08
662                          -6.3809 GY   3.26
624                          -4.9277 GY   0.12
624                         -14.7832 GY   0.28
624                         -24.6387 GY   0.46
624                         -34.4942 GY   0.64
624                         -44.3496 GY   0.82
624                         -54.2051 GY   1.00
```

624			-64.0606 GY	1.18
624			-73.9160 GY	1.36
624	-435.0002 GY	1.45	2.75	
624			-73.9160 GY	2.84
624			-64.0606 GY	3.02
624			-54.2051 GY	3.20
624			-44.3496 GY	3.38
624			-34.4941 GY	3.56
624			-24.6387 GY	3.74
624			-14.7832 GY	3.92
624			-4.9277 GY	4.08
650			-4.9277 GY	0.12
650			-14.7832 GY	0.28
650			-24.6387 GY	0.46
650			-34.4941 GY	0.64
650			-44.3496 GY	0.82
650			-54.2051 GY	1.00
650			-64.0606 GY	1.18
650			-73.9160 GY	1.36
650			-73.9159 GY	1.54
650			-64.0605 GY	1.72
650			-54.2050 GY	1.90
650			-44.3495 GY	2.08
650			-34.4941 GY	2.26
650			-24.6386 GY	2.44
650			-14.7832 GY	2.62
650			-4.9277 GY	2.78
630			-4.9277 GY	0.12
630			-14.7832 GY	0.28
630			-24.6386 GY	0.46
630			-34.4941 GY	0.64
630			-44.3496 GY	0.82
630			-54.2050 GY	1.00
630			-64.0605 GY	1.18
630			-73.9159 GY	1.36
630	-434.9997 GY	1.45	2.75	
630			-73.9159 GY	2.84
630			-64.0605 GY	3.02
630			-54.2050 GY	3.20
630			-44.3496 GY	3.38
630			-34.4941 GY	3.56
630			-24.6386 GY	3.74
630			-14.7832 GY	3.92
630			-4.9277 GY	4.08
641			-4.9277 GY	0.12
641			-14.7832 GY	0.28
641			-24.6387 GY	0.46
641			-34.4942 GY	0.64
641			-44.3496 GY	0.82
641			-54.2051 GY	1.00
641			-64.0606 GY	1.18
641			-73.9161 GY	1.36
641			-73.9159 GY	1.54
641			-64.0605 GY	1.72
641			-54.2050 GY	1.90
641			-44.3496 GY	2.08

641			-34.4941 GY	2.26
641			-24.6386 GY	2.44
641			-14.7832 GY	2.62
641			-4.9277 GY	2.78
625			-4.9277 GY	0.12
625			-14.7832 GY	0.28
625			-24.6387 GY	0.46
625			-34.4942 GY	0.64
625			-44.3496 GY	0.82
625			-54.2051 GY	1.00
625			-64.0606 GY	1.18
625			-73.9161 GY	1.36
625	-435.0002 GY	1.45	1.85	
625			-73.9161 GY	1.94
625			-64.0606 GY	2.12
625			-54.2051 GY	2.30
625			-44.3496 GY	2.48
625			-34.4942 GY	2.66
625			-24.6387 GY	2.84
625			-14.7832 GY	3.02
625			-4.9277 GY	3.18
651			-4.9277 GY	0.12
651			-14.7832 GY	0.28
651			-24.6387 GY	0.46
651			-34.4942 GY	0.64
651			-44.3496 GY	0.82
651			-54.2051 GY	1.00
651			-64.0606 GY	1.18
651			-73.9161 GY	1.36
651			-73.9160 GY	1.54
651			-64.0605 GY	1.72
651			-54.2050 GY	1.90
651			-44.3496 GY	2.08
651			-34.4941 GY	2.26
651			-24.6387 GY	2.44
651			-14.7832 GY	2.62
651			-4.9277 GY	2.78
631			-4.9277 GY	0.12
631			-14.7832 GY	0.28
631			-24.6387 GY	0.46
631			-34.4941 GY	0.64
631			-44.3496 GY	0.82
631			-54.2050 GY	1.00
631			-64.0605 GY	1.18
631			-73.9160 GY	1.36
631	-434.9997 GY	1.45	1.85	
631			-73.9160 GY	1.94
631			-64.0605 GY	2.12
631			-54.2050 GY	2.30
631			-44.3496 GY	2.48
631			-34.4941 GY	2.66
631			-24.6387 GY	2.84
631			-14.7832 GY	3.02
631			-4.9277 GY	3.18
650			-4.9277 GY	0.12
650			-14.7832 GY	0.28

650			-24.6387	GY	0.46
650			-34.4942	GY	0.64
650			-44.3496	GY	0.82
650			-54.2051	GY	1.00
650			-64.0606	GY	1.18
650			-73.9161	GY	1.36
650			-73.9160	GY	1.54
650			-64.0605	GY	1.72
650			-54.2050	GY	1.90
650			-44.3496	GY	2.08
650			-34.4941	GY	2.26
650			-24.6387	GY	2.44
650			-14.7832	GY	2.62
650			-4.9277	GY	2.78
656			-4.9277	GY	0.12
656			-14.7832	GY	0.28
656			-24.6387	GY	0.46
656			-34.4942	GY	0.64
656			-44.3496	GY	0.82
656			-54.2051	GY	1.00
656			-64.0606	GY	1.18
656			-73.9161	GY	1.36
656			-73.9159	GY	1.54
656			-64.0605	GY	1.72
656			-54.2050	GY	1.90
656			-44.3496	GY	2.08
656			-34.4941	GY	2.26
656			-24.6386	GY	2.44
656			-14.7832	GY	2.62
656			-4.9277	GY	2.78
632			-4.9277	GY	0.12
632			-14.7832	GY	0.28
632			-24.6386	GY	0.46
632			-34.4941	GY	0.64
632			-44.3496	GY	0.82
632			-54.2050	GY	1.00
632			-64.0605	GY	1.18
632			-73.9159	GY	1.36
632	-434.9997	GY	1.45	2.25	
632			-73.9160	GY	2.34
632			-64.0605	GY	2.52
632			-54.2050	GY	2.70
632			-44.3496	GY	2.88
632			-34.4941	GY	3.06
632			-24.6387	GY	3.24
632			-14.7832	GY	3.42
632			-4.9277	GY	3.58
651			-4.9277	GY	0.12
651			-14.7832	GY	0.28
651			-24.6387	GY	0.46
651			-34.4941	GY	0.64
651			-44.3496	GY	0.82
651			-54.2051	GY	1.00
651			-64.0606	GY	1.18
651			-73.9160	GY	1.36
651			-73.9159	GY	1.54

```
651                          -64.0605 GY   1.72
651                          -54.2050 GY   1.90
651                          -44.3495 GY   2.08
651                          -34.4941 GY   2.26
651                          -24.6386 GY   2.44
651                          -14.7832 GY   2.62
651                           -4.9277 GY   2.78
627                          -68.9063 GY   0.09
627                          -59.7188 GY   0.26
627                          -50.5313 GY   0.43
627                          -41.3438 GY   0.61
627                          -32.1563 GY   0.78
627                          -22.9688 GY   0.96
627                          -13.7813 GY   1.13
627                           -4.5938 GY   1.28
626                           -4.9277 GY   0.12
626                          -14.7832 GY   0.28
626                          -24.6387 GY   0.46
626                          -34.4941 GY   0.64
626                          -44.3496 GY   0.82
626                          -54.2051 GY   1.00
626                          -64.0606 GY   1.18
626                          -73.9160 GY   1.36
626  -435.0002 GY   1.45    2.25
626                           -2.7129 GY   2.25
626                           -2.7012 GY   2.26
626                           -2.6895 GY   2.27
626                           -2.6777 GY   2.27
626                           -2.6660 GY   2.28
626                           -2.6543 GY   2.28
626                           -2.6426 GY   2.29
626                           -2.6309 GY   2.30
628                           -0.8437 GY   0.05
628                           -2.5312 GY   0.12
628                           -4.2187 GY   0.19
628                           -5.9062 GY   0.26
628                           -7.5937 GY   0.34
628                           -9.2812 GY   0.41
628                          -10.9687 GY   0.49
628                          -12.6562 GY   0.56
628                          -12.6562 GY   0.64
628                          -10.9687 GY   0.71
628                           -9.2812 GY   0.79
628                           -7.5937 GY   0.86
628                           -5.9062 GY   0.94
628                           -4.2187 GY   1.01
628                           -2.5312 GY   1.08
628                           -0.8437 GY   1.15
663                           -0.8437 GY   0.05
663                           -2.5312 GY   0.12
663                           -4.2187 GY   0.19
663                           -5.9062 GY   0.26
663                           -7.5937 GY   0.34
663                           -9.2812 GY   0.41
663                          -10.9687 GY   0.49
663                          -12.6562 GY   0.56
```

```
663  -179.9998 GY   0.60    2.30
663                          -12.6562 GY   2.34
663                          -10.9687 GY   2.41
663                           -9.2812 GY   2.49
663                           -7.5937 GY   2.56
663                           -5.9062 GY   2.64
663                           -4.2187 GY   2.71
663                           -2.5312 GY   2.78
663                           -0.8437 GY   2.85
633                           -0.8438 GY   0.05
633                           -2.5313 GY   0.12
633                           -4.2188 GY   0.19
633                           -5.9063 GY   0.26
633                           -7.5938 GY   0.34
633                           -9.2813 GY   0.41
633                          -10.9688 GY   0.49
633                          -12.6563 GY   0.56
633                          -12.6562 GY   0.64
633                          -10.9687 GY   0.71
633                           -9.2812 GY   0.79
633                           -7.5937 GY   0.86
633                           -5.9062 GY   0.94
633                           -4.2187 GY   1.01
633                           -2.5312 GY   1.08
633                           -0.8437 GY   1.15
656                           -0.8437 GY   0.05
656                           -2.5312 GY   0.12
656                           -4.2187 GY   0.19
656                           -5.9062 GY   0.26
656                           -7.5937 GY   0.34
656                           -9.2812 GY   0.41
656                          -10.9687 GY   0.49
656                          -12.6562 GY   0.56
656  -180.0001 GY   0.60    2.30
656                          -12.6563 GY   2.34
656                          -10.9688 GY   2.41
656                           -9.2813 GY   2.49
656                           -7.5938 GY   2.56
656                           -5.9063 GY   2.64
656                           -4.2188 GY   2.71
656                           -2.5313 GY   2.78
656                           -0.8438 GY   2.85
629                           -4.9277 GY   0.12
629                          -14.7832 GY   0.28
629                          -24.6387 GY   0.46
629                          -34.4942 GY   0.64
629                          -44.3496 GY   0.82
629                          -54.2051 GY   1.00
629                          -64.0606 GY   1.18
629                          -73.9160 GY   1.36
629  -435.0002 GY   1.45    1.85
629                          -73.9161 GY   1.94
629                          -64.0606 GY   2.12
629                          -54.2051 GY   2.30
629                          -44.3496 GY   2.48
629                          -34.4942 GY   2.66
```

629			-24.6387	GY	2.84
629			-14.7832	GY	3.02
629			-4.9277	GY	3.18
670			-4.9277	GY	0.12
670			-14.7832	GY	0.28
670			-24.6387	GY	0.46
670			-34.4942	GY	0.64
670			-44.3496	GY	0.82
670			-54.2051	GY	1.00
670			-64.0606	GY	1.18
670			-73.9161	GY	1.36
670			-73.9159	GY	1.54
670			-64.0605	GY	1.72
670			-54.2050	GY	1.90
670			-44.3496	GY	2.08
670			-34.4941	GY	2.26
670			-24.6386	GY	2.44
670			-14.7832	GY	2.62
670			-4.9277	GY	2.78
634			-4.9277	GY	0.12
634			-14.7832	GY	0.28
634			-24.6386	GY	0.46
634			-34.4941	GY	0.64
634			-44.3496	GY	0.82
634			-54.2050	GY	1.00
634			-64.0605	GY	1.18
634			-73.9159	GY	1.36
634	-434.9997	GY	1.45	1.85	
634			-73.9160	GY	1.94
634			-64.0605	GY	2.12
634			-54.2050	GY	2.30
634			-44.3496	GY	2.48
634			-34.4941	GY	2.66
634			-24.6387	GY	2.84
634			-14.7832	GY	3.02
634			-4.9277	GY	3.18
663			-4.9277	GY	0.12
663			-14.7832	GY	0.28
663			-24.6387	GY	0.46
663			-34.4942	GY	0.64
663			-44.3496	GY	0.82
663			-54.2051	GY	1.00
663			-64.0606	GY	1.18
663			-73.9161	GY	1.36
663			-73.9159	GY	1.54
663			-64.0605	GY	1.72
663			-54.2050	GY	1.90
663			-44.3496	GY	2.08
663			-34.4941	GY	2.26
663			-24.6386	GY	2.44
663			-14.7832	GY	2.62
663			-4.9277	GY	2.78

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
701				-3.1904 GY	0.14		
701				-9.5713 GY	0.32		
701				-15.9522 GY	0.52		
701				-22.3330 GY	0.73		
701				-28.7139 GY	0.93		
701				-35.0947 GY	1.14		
701				-41.4756 GY	1.34		
701				-47.8564 GY	1.55		
701				-47.8564 GY	1.75		
701				-41.4756 GY	1.96		
701				-35.0947 GY	2.16		
701				-28.7139 GY	2.37		
701				-22.3330 GY	2.57		
701				-15.9522 GY	2.78		
701				-9.5713 GY	2.98		
701				-3.1904 GY	3.16		
764				-3.1904 GY	0.14		
764				-9.5713 GY	0.32		
764				-15.9522 GY	0.52		
764				-22.3330 GY	0.73		
764				-28.7139 GY	0.93		
764				-35.0947 GY	1.14		
764				-41.4756 GY	1.34		
764				-47.8564 GY	1.55		
764				-47.8564 GY	1.75		
764				-41.4756 GY	1.96		
764				-35.0947 GY	2.16		
764				-28.7139 GY	2.37		
764				-22.3330 GY	2.57		
764				-15.9522 GY	2.78		
764				-9.5713 GY	2.98		
764				-3.1904 GY	3.16		
708				-3.1904 GY	0.14		
708				-9.5713 GY	0.32		
708				-15.9522 GY	0.52		
708				-22.3330 GY	0.73		
708				-28.7139 GY	0.93		
708				-35.0947 GY	1.14		
708				-41.4756 GY	1.34		
708				-47.8564 GY	1.55		
708				-47.8564 GY	1.75		
708				-41.4756 GY	1.96		
708				-35.0947 GY	2.16		
708				-28.7139 GY	2.37		
708				-22.3330 GY	2.57		
708				-15.9522 GY	2.78		
708				-9.5713 GY	2.98		
708				-3.1904 GY	3.16		
753				-3.1904 GY	0.14		
753				-9.5713 GY	0.32		

```
753                          -15.9522 GY   0.52
753                          -22.3330 GY   0.73
753                          -28.7139 GY   0.93
753                          -35.0947 GY   1.14
753                          -41.4756 GY   1.34
753                          -47.8564 GY   1.55
753                          -47.8564 GY   1.75
753                          -41.4756 GY   1.96
753                          -35.0947 GY   2.16
753                          -28.7139 GY   2.37
753                          -22.3330 GY   2.57
753                          -15.9522 GY   2.78
753                           -9.5713 GY   2.98
753                           -3.1904 GY   3.16
702                           -0.9492 GY   0.08
702                           -2.8477 GY   0.18
702                           -4.7461 GY   0.29
702                           -6.6445 GY   0.40
702                           -8.5430 GY   0.51
702                          -10.4414 GY   0.62
702                          -12.3398 GY   0.73
702                          -14.2383 GY   0.85
703                          -11.4639 GY   0.04
703                          -12.4541 GY   0.12
703                          -13.4443 GY   0.20
703                          -14.4346 GY   0.28
703                          -15.4248 GY   0.37
703                          -16.4150 GY   0.45
703                          -17.4053 GY   0.53
703                          -18.3955 GY   0.61
703                          -42.2314 GY   0.74
703                          -36.6006 GY   0.94
703                          -30.9697 GY   1.13
703                          -25.3389 GY   1.32
703                          -19.7080 GY   1.52
703                          -14.0771 GY   1.71
703                           -8.4463 GY   1.90
703                           -2.8154 GY   2.07
773                           -2.8154 GY   0.13
773                           -8.4463 GY   0.30
773                          -14.0771 GY   0.49
773                          -19.7080 GY   0.68
773                          -25.3389 GY   0.88
773                          -30.9697 GY   1.07
773                          -36.6006 GY   1.26
773                          -42.2314 GY   1.46
773  -232.5000 GY   1.55    1.75
773                          -42.2314 GY   1.84
773                          -36.6006 GY   2.04
773                          -30.9697 GY   2.23
773                          -25.3389 GY   2.42
773                          -19.7080 GY   2.62
773                          -14.0771 GY   2.81
773                           -8.4463 GY   3.00
773                           -2.8154 GY   3.17
709                           -2.8154 GY   0.13
```

```
709                          -8.4463 GY   0.30
709                         -14.0772 GY   0.49
709                         -19.7080 GY   0.68
709                         -25.3389 GY   0.88
709                         -30.9697 GY   1.07
709                         -36.6006 GY   1.26
709                         -42.2315 GY   1.46
709                         -42.2314 GY   1.64
709                         -36.6006 GY   1.84
709                         -30.9697 GY   2.03
709                         -25.3389 GY   2.22
709                         -19.7080 GY   2.42
709                         -14.0771 GY   2.61
709                          -8.4463 GY   2.80
709                          -2.8154 GY   2.97
764                          -2.8154 GY   0.13
764                          -8.4463 GY   0.30
764                         -14.0771 GY   0.49
764                         -19.7080 GY   0.68
764                         -25.3389 GY   0.88
764                         -30.9697 GY   1.07
764                         -36.6006 GY   1.26
764                         -42.2314 GY   1.46
764  -232.5001 GY   1.55    1.75
764                         -42.2315 GY   1.84
764                         -36.6006 GY   2.04
764                         -30.9697 GY   2.23
764                         -25.3389 GY   2.42
764                         -19.7080 GY   2.62
764                         -14.0772 GY   2.81
764                          -8.4463 GY   3.00
764                          -2.8154 GY   3.17
704                          -2.4639 GY   0.12
704                          -7.3916 GY   0.28
704                         -12.3193 GY   0.46
704                         -17.2471 GY   0.64
704                         -22.1748 GY   0.82
704                         -27.1025 GY   1.00
704                         -32.0303 GY   1.18
704                         -36.9580 GY   1.36
704                         -36.9580 GY   1.54
704                         -32.0303 GY   1.72
704                         -27.1025 GY   1.90
704                         -22.1748 GY   2.08
704                         -17.2471 GY   2.26
704                         -12.3193 GY   2.44
704                          -7.3916 GY   2.62
704                          -2.4639 GY   2.78
779                          -2.4639 GY   0.12
779                          -7.3916 GY   0.28
779                         -12.3193 GY   0.46
779                         -17.2471 GY   0.64
779                         -22.1748 GY   0.82
779                         -27.1025 GY   1.00
779                         -32.0303 GY   1.18
779                         -36.9580 GY   1.36
```

```
779  -217.5000 GY   1.45    1.85
779                           -36.9580 GY   1.94
779                           -32.0303 GY   2.12
779                           -27.1025 GY   2.30
779                           -22.1748 GY   2.48
779                           -17.2471 GY   2.66
779                           -12.3193 GY   2.84
779                            -7.3916 GY   3.02
779                            -2.4639 GY   3.18
710                            -2.4639 GY   0.12
710                            -7.3916 GY   0.28
710                           -12.3193 GY   0.46
710                           -17.2471 GY   0.64
710                           -22.1748 GY   0.82
710                           -27.1025 GY   1.00
710                           -32.0303 GY   1.18
710                           -36.9580 GY   1.36
710                           -36.9580 GY   1.54
710                           -32.0302 GY   1.72
710                           -27.1025 GY   1.90
710                           -22.1748 GY   2.08
710                           -17.2471 GY   2.26
710                           -12.3193 GY   2.44
710                            -7.3916 GY   2.62
710                            -2.4639 GY   2.78
773                            -2.4639 GY   0.12
773                            -7.3916 GY   0.28
773                           -12.3193 GY   0.46
773                           -17.2471 GY   0.64
773                           -22.1748 GY   0.82
773                           -27.1025 GY   1.00
773                           -32.0303 GY   1.18
773                           -36.9580 GY   1.36
773  -217.4999 GY   1.45    1.85
773                           -36.9580 GY   1.94
773                           -32.0302 GY   2.12
773                           -27.1025 GY   2.30
773                           -22.1748 GY   2.48
773                           -17.2471 GY   2.66
773                           -12.3193 GY   2.84
773                            -7.3916 GY   3.02
773                            -2.4639 GY   3.18
705                            -2.8154 GY   0.13
705                            -8.4463 GY   0.30
705                           -14.0772 GY   0.49
705                           -19.7080 GY   0.68
705                           -25.3389 GY   0.88
705                           -30.9697 GY   1.07
705                           -36.6006 GY   1.26
705                           -42.2315 GY   1.46
705                           -18.3955 GY   1.59
705                           -17.4053 GY   1.67
705                           -16.4151 GY   1.75
705                           -15.4248 GY   1.83
705                           -14.4346 GY   1.92
705                           -13.4443 GY   2.00
```

```
705                          -12.4541 GY   2.08
705                          -11.4639 GY   2.16
706                          -14.2383 GY   0.05
706                          -12.3398 GY   0.17
706                          -10.4414 GY   0.28
706                           -8.5430 GY   0.39
706                           -6.6445 GY   0.50
706                           -4.7461 GY   0.61
706                           -2.8477 GY   0.72
706                           -0.9492 GY   0.82
786                           -2.8154 GY   0.13
786                           -8.4463 GY   0.30
786                          -14.0772 GY   0.49
786                          -19.7080 GY   0.68
786                          -25.3389 GY   0.88
786                          -30.9697 GY   1.07
786                          -36.6006 GY   1.26
786                          -42.2315 GY   1.46
786  -232.5001 GY   1.55    1.75
786                          -42.2315 GY   1.84
786                          -36.6006 GY   2.04
786                          -30.9697 GY   2.23
786                          -25.3389 GY   2.42
786                          -19.7080 GY   2.62
786                          -14.0772 GY   2.81
786                           -8.4463 GY   3.00
786                           -2.8154 GY   3.17
711                           -2.8154 GY   0.13
711                           -8.4463 GY   0.30
711                          -14.0771 GY   0.49
711                          -19.7080 GY   0.68
711                          -25.3389 GY   0.88
711                          -30.9697 GY   1.07
711                          -36.6006 GY   1.26
711                          -42.2314 GY   1.46
711                          -42.2314 GY   1.64
711                          -36.6006 GY   1.84
711                          -30.9697 GY   2.03
711                          -25.3389 GY   2.22
711                          -19.7080 GY   2.42
711                          -14.0771 GY   2.61
711                           -8.4463 GY   2.80
711                           -2.8154 GY   2.97
779                           -2.8154 GY   0.13
779                           -8.4463 GY   0.30
779                          -14.0772 GY   0.49
779                          -19.7080 GY   0.68
779                          -25.3389 GY   0.88
779                          -30.9697 GY   1.07
779                          -36.6006 GY   1.26
779                          -42.2315 GY   1.46
779  -232.5001 GY   1.55    1.75
779                          -42.2315 GY   1.84
779                          -36.6006 GY   2.04
779                          -30.9697 GY   2.23
779                          -25.3389 GY   2.42
```

779	-19.7080	GY	2.62
779	-14.0772	GY	2.81
779	-8.4463	GY	3.00
779	-2.8154	GY	3.17
707	-3.1904	GY	0.14
707	-9.5713	GY	0.32
707	-15.9521	GY	0.52
707	-22.3330	GY	0.73
707	-28.7139	GY	0.93
707	-35.0947	GY	1.14
707	-41.4756	GY	1.34
707	-47.8564	GY	1.55
707	-47.8565	GY	1.75
707	-41.4756	GY	1.96
707	-35.0947	GY	2.16
707	-28.7139	GY	2.37
707	-22.3330	GY	2.57
707	-15.9522	GY	2.78
707	-9.5713	GY	2.98
707	-3.1904	GY	3.16
792	-3.1904	GY	0.14
792	-9.5713	GY	0.32
792	-15.9522	GY	0.52
792	-22.3330	GY	0.73
792	-28.7139	GY	0.93
792	-35.0947	GY	1.14
792	-41.4756	GY	1.34
792	-47.8565	GY	1.55
792	-47.8565	GY	1.75
792	-41.4756	GY	1.96
792	-35.0947	GY	2.16
792	-28.7139	GY	2.37
792	-22.3330	GY	2.57
792	-15.9522	GY	2.78
792	-9.5713	GY	2.98
792	-3.1904	GY	3.16
712	-3.1904	GY	0.14
712	-9.5713	GY	0.32
712	-15.9521	GY	0.52
712	-22.3330	GY	0.73
712	-28.7139	GY	0.93
712	-35.0947	GY	1.14
712	-41.4756	GY	1.34
712	-47.8564	GY	1.55
712	-47.8565	GY	1.75
712	-41.4756	GY	1.96
712	-35.0947	GY	2.16
712	-28.7139	GY	2.37
712	-22.3330	GY	2.57
712	-15.9522	GY	2.78
712	-9.5713	GY	2.98
712	-3.1904	GY	3.16
786	-3.1904	GY	0.14
786	-9.5713	GY	0.32
786	-15.9521	GY	0.52
786	-22.3330	GY	0.73

```
786                          -28.7139 GY   0.93
786                          -35.0947 GY   1.14
786                          -41.4756 GY   1.34
786                          -47.8564 GY   1.55
786                          -47.8564 GY   1.75
786                          -41.4756 GY   1.96
786                          -35.0947 GY   2.16
786                          -28.7139 GY   2.37
786                          -22.3330 GY   2.57
786                          -15.9521 GY   2.78
786                           -9.5713 GY   2.98
786                           -3.1904 GY   3.16
708                           -3.0000 GY   0.13
708                           -9.0000 GY   0.31
708                          -15.0000 GY   0.51
708                          -21.0000 GY   0.70
708                          -27.0000 GY   0.90
708                          -33.0000 GY   1.10
708                          -39.0000 GY   1.30
708                          -45.0000 GY   1.50
708  -240.0000 GY   1.60    1.70
708                          -45.0000 GY   1.80
708                          -39.0000 GY   2.00
708                          -33.0000 GY   2.20
708                          -27.0000 GY   2.40
708                          -21.0000 GY   2.60
708                          -15.0000 GY   2.79
708                           -9.0000 GY   2.99
708                           -3.0000 GY   3.17
765                           -3.0000 GY   0.13
765                           -9.0000 GY   0.31
765                          -15.0000 GY   0.51
765                          -21.0000 GY   0.70
765                          -27.0000 GY   0.90
765                          -33.0000 GY   1.10
765                          -39.0000 GY   1.30
765                          -45.0000 GY   1.50
765                          -45.0000 GY   1.70
765                          -39.0000 GY   1.90
765                          -33.0000 GY   2.10
765                          -27.0000 GY   2.30
765                          -21.0000 GY   2.50
765                          -15.0000 GY   2.69
765                           -9.0000 GY   2.89
765                           -3.0000 GY   3.07
713                           -3.0000 GY   0.13
713                           -9.0000 GY   0.31
713                          -15.0000 GY   0.51
713                          -21.0000 GY   0.70
713                          -27.0000 GY   0.90
713                          -33.0000 GY   1.10
713                          -39.0000 GY   1.30
713                          -45.0000 GY   1.50
713  -240.0000 GY   1.60    1.70
713                          -45.0000 GY   1.80
713                          -39.0000 GY   2.00
```

713			-33.0000 GY	2.20
713			-27.0000 GY	2.40
713			-21.0000 GY	2.60
713			-15.0000 GY	2.79
713			-9.0000 GY	2.99
713			-3.0000 GY	3.17
755			-2.8242 GY	0.01
755			-2.8477 GY	0.02
755			-2.8711 GY	0.03
755			-2.8945 GY	0.04
755			-2.9180 GY	0.06
755			-2.9414 GY	0.07
755			-2.9648 GY	0.08
755			-2.9883 GY	0.09
755			-45.0000 GY	0.20
755			-39.0000 GY	0.40
755			-33.0000 GY	0.60
755			-27.0000 GY	0.80
755			-21.0000 GY	1.00
755			-15.0000 GY	1.19
755			-9.0000 GY	1.39
755			-3.0000 GY	1.57
754			-2.6367 GY	0.12
754			-7.9102 GY	0.29
754			-13.1836 GY	0.47
754			-18.4570 GY	0.66
754			-23.7305 GY	0.85
754			-29.0039 GY	1.03
754			-34.2773 GY	1.22
754			-39.5508 GY	1.41
709			-2.8154 GY	0.13
709			-8.4463 GY	0.30
709			-14.0772 GY	0.49
709			-19.7080 GY	0.68
709			-25.3389 GY	0.88
709			-30.9697 GY	1.07
709			-36.6006 GY	1.26
709			-42.2315 GY	1.46
709			-42.2314 GY	1.64
709			-36.6006 GY	1.84
709			-30.9697 GY	2.03
709			-25.3389 GY	2.22
709			-19.7080 GY	2.42
709			-14.0771 GY	2.61
709			-8.4463 GY	2.80
709			-2.8154 GY	2.97
774			-2.8154 GY	0.13
774			-8.4463 GY	0.30
774			-14.0771 GY	0.49
774			-19.7080 GY	0.68
774			-25.3389 GY	0.88
774			-30.9697 GY	1.07
774			-36.6006 GY	1.26
774			-42.2314 GY	1.46
774	-232.5000 GY	1.55	1.65	
774			-42.2314 GY	1.74

```
774                          -36.6006 GY   1.94
774                          -30.9697 GY   2.13
774                          -25.3389 GY   2.32
774                          -19.7080 GY   2.52
774                          -14.0771 GY   2.71
774                           -8.4463 GY   2.90
774                           -2.8154 GY   3.07
714                           -2.8154 GY   0.13
714                           -8.4463 GY   0.30
714                          -14.0772 GY   0.49
714                          -19.7080 GY   0.68
714                          -25.3389 GY   0.88
714                          -30.9697 GY   1.07
714                          -36.6006 GY   1.26
714                          -42.2315 GY   1.46
714                          -42.2314 GY   1.64
714                          -36.6006 GY   1.84
714                          -30.9697 GY   2.03
714                          -25.3389 GY   2.22
714                          -19.7080 GY   2.42
714                          -14.0771 GY   2.61
714                           -8.4463 GY   2.80
714                           -2.8154 GY   2.97
765                           -2.8154 GY   0.13
765                           -8.4463 GY   0.30
765                          -14.0772 GY   0.49
765                          -19.7080 GY   0.68
765                          -25.3389 GY   0.88
765                          -30.9697 GY   1.07
765                          -36.6006 GY   1.26
765                          -42.2315 GY   1.46
765  -232.5001 GY   1.55    1.65
765                          -42.2315 GY   1.74
765                          -36.6006 GY   1.94
765                          -30.9697 GY   2.13
765                          -25.3389 GY   2.32
765                          -19.7080 GY   2.52
765                          -14.0772 GY   2.71
765                           -8.4463 GY   2.90
765                           -2.8154 GY   3.07
710                           -2.4639 GY   0.12
710                           -7.3916 GY   0.28
710                          -12.3193 GY   0.46
710                          -17.2471 GY   0.64
710                          -22.1748 GY   0.82
710                          -27.1025 GY   1.00
710                          -32.0303 GY   1.18
710                          -36.9580 GY   1.36
710                          -36.9580 GY   1.54
710                          -32.0303 GY   1.72
710                          -27.1025 GY   1.90
710                          -22.1748 GY   2.08
710                          -17.2471 GY   2.26
710                          -12.3193 GY   2.44
710                           -7.3916 GY   2.62
710                           -2.4639 GY   2.78
```

780			-2.4639	GY	0.12
780			-7.3916	GY	0.28
780			-12.3193	GY	0.46
780			-17.2471	GY	0.64
780			-22.1748	GY	0.82
780			-27.1025	GY	1.00
780			-32.0303	GY	1.18
780			-36.9580	GY	1.36
780	-217.5000	GY 1.45	1.75		
780			-36.9580	GY	1.84
780			-32.0303	GY	2.02
780			-27.1025	GY	2.20
780			-22.1748	GY	2.38
780			-17.2471	GY	2.56
780			-12.3193	GY	2.74
780			-7.3916	GY	2.92
780			-2.4639	GY	3.08
715			-2.4639	GY	0.12
715			-7.3916	GY	0.28
715			-12.3193	GY	0.46
715			-17.2471	GY	0.64
715			-22.1748	GY	0.82
715			-27.1025	GY	1.00
715			-32.0303	GY	1.18
715			-36.9580	GY	1.36
715			-36.9580	GY	1.54
715			-32.0303	GY	1.72
715			-27.1025	GY	1.90
715			-22.1748	GY	2.08
715			-17.2471	GY	2.26
715			-12.3193	GY	2.44
715			-7.3916	GY	2.62
715			-2.4639	GY	2.78
774			-2.4639	GY	0.12
774			-7.3916	GY	0.28
774			-12.3193	GY	0.46
774			-17.2471	GY	0.64
774			-22.1748	GY	0.82
774			-27.1025	GY	1.00
774			-32.0303	GY	1.18
774			-36.9580	GY	1.36
774	-217.4999	GY 1.45	1.75		
774			-36.9580	GY	1.84
774			-32.0303	GY	2.02
774			-27.1025	GY	2.20
774			-22.1748	GY	2.38
774			-17.2471	GY	2.56
774			-12.3193	GY	2.74
774			-7.3916	GY	2.92
774			-2.4639	GY	3.08
711			-2.8154	GY	0.13
711			-8.4463	GY	0.30
711			-14.0771	GY	0.49
711			-19.7080	GY	0.68
711			-25.3389	GY	0.88
711			-30.9697	GY	1.07

```
711                          -36.6006 GY   1.26
711                          -42.2314 GY   1.46
711                          -42.2314 GY   1.64
711                          -36.6006 GY   1.84
711                          -30.9697 GY   2.03
711                          -25.3389 GY   2.22
711                          -19.7080 GY   2.42
711                          -14.0771 GY   2.61
711                           -8.4463 GY   2.80
711                           -2.8154 GY   2.97
787                           -2.8154 GY   0.13
787                           -8.4463 GY   0.30
787                          -14.0772 GY   0.49
787                          -19.7080 GY   0.68
787                          -25.3389 GY   0.88
787                          -30.9697 GY   1.07
787                          -36.6006 GY   1.26
787                          -42.2315 GY   1.46
787  -232.5001 GY   1.55    1.65
787                          -42.2315 GY   1.74
787                          -36.6006 GY   1.94
787                          -30.9697 GY   2.13
787                          -25.3389 GY   2.32
787                          -19.7080 GY   2.52
787                          -14.0772 GY   2.71
787                           -8.4463 GY   2.90
787                           -2.8154 GY   3.07
716                           -2.8154 GY   0.13
716                           -8.4463 GY   0.30
716                          -14.0771 GY   0.49
716                          -19.7080 GY   0.68
716                          -25.3389 GY   0.88
716                          -30.9697 GY   1.07
716                          -36.6006 GY   1.26
716                          -42.2314 GY   1.46
716                          -42.2314 GY   1.64
716                          -36.6006 GY   1.84
716                          -30.9697 GY   2.03
716                          -25.3389 GY   2.22
716                          -19.7080 GY   2.42
716                          -14.0771 GY   2.61
716                           -8.4463 GY   2.80
716                           -2.8154 GY   2.97
780                           -2.8154 GY   0.13
780                           -8.4463 GY   0.30
780                          -14.0772 GY   0.49
780                          -19.7080 GY   0.68
780                          -25.3389 GY   0.88
780                          -30.9697 GY   1.07
780                          -36.6006 GY   1.26
780                          -42.2315 GY   1.46
780  -232.5001 GY   1.55    1.65
780                          -42.2315 GY   1.74
780                          -36.6006 GY   1.94
780                          -30.9697 GY   2.13
780                          -25.3389 GY   2.32
```

780			-19.7080	GY	2.52
780			-14.0772	GY	2.71
780			-8.4463	GY	2.90
780			-2.8154	GY	3.07
712			-3.0000	GY	0.13
712			-9.0000	GY	0.31
712			-15.0000	GY	0.51
712			-21.0000	GY	0.70
712			-27.0000	GY	0.90
712			-33.0000	GY	1.10
712			-39.0000	GY	1.30
712			-45.0000	GY	1.50
712	-239.9999	GY 1.60	1.70		
712			-45.0000	GY	1.80
712			-39.0000	GY	2.00
712			-33.0000	GY	2.20
712			-27.0000	GY	2.40
712			-21.0000	GY	2.60
712			-15.0000	GY	2.79
712			-9.0000	GY	2.99
712			-3.0000	GY	3.17
793			-2.6367	GY	0.12
793			-7.9102	GY	0.29
793			-13.1836	GY	0.47
793			-18.4570	GY	0.66
793			-23.7305	GY	0.85
793			-29.0039	GY	1.03
793			-34.2773	GY	1.22
793			-39.5508	GY	1.41
794			-2.8242	GY	0.01
794			-2.8477	GY	0.02
794			-2.8711	GY	0.03
794			-2.8945	GY	0.04
794			-2.9180	GY	0.06
794			-2.9414	GY	0.07
794			-2.9649	GY	0.08
794			-2.9883	GY	0.09
794			-45.0000	GY	0.20
794			-39.0000	GY	0.40
794			-33.0000	GY	0.60
794			-27.0000	GY	0.80
794			-21.0000	GY	1.00
794			-15.0000	GY	1.19
794			-9.0000	GY	1.39
794			-3.0000	GY	1.57
717			-3.0000	GY	0.13
717			-9.0000	GY	0.31
717			-15.0000	GY	0.51
717			-21.0000	GY	0.70
717			-27.0000	GY	0.90
717			-33.0000	GY	1.10
717			-39.0000	GY	1.30
717			-45.0000	GY	1.50
717	-240.0001	GY 1.60	1.70		
717			-45.0000	GY	1.80
717			-39.0000	GY	2.00

```
717                          -33.0000 GY   2.20
717                          -27.0000 GY   2.40
717                          -21.0000 GY   2.60
717                          -15.0000 GY   2.79
717                           -9.0000 GY   2.99
717                           -3.0000 GY   3.17
787                           -3.0000 GY   0.13
787                           -9.0000 GY   0.31
787                          -15.0000 GY   0.51
787                          -21.0000 GY   0.70
787                          -27.0000 GY   0.90
787                          -33.0000 GY   1.10
787                          -39.0000 GY   1.30
787                          -45.0000 GY   1.50
787                          -45.0000 GY   1.70
787                          -39.0000 GY   1.90
787                          -33.0000 GY   2.10
787                          -27.0000 GY   2.30
787                          -21.0000 GY   2.50
787                          -15.0000 GY   2.69
787                           -9.0000 GY   2.89
787                           -3.0000 GY   3.07
713                           -2.8154 GY   0.13
713                           -8.4463 GY   0.30
713                          -14.0772 GY   0.49
713                          -19.7080 GY   0.68
713                          -25.3389 GY   0.88
713                          -30.9697 GY   1.07
713                          -36.6006 GY   1.26
713                          -42.2315 GY   1.46
713  -232.5001 GY   1.55    1.75
713                          -42.2315 GY   1.84
713                          -36.6006 GY   2.04
713                          -30.9697 GY   2.23
713                          -25.3389 GY   2.42
713                          -19.7080 GY   2.62
713                          -14.0772 GY   2.81
713                           -8.4463 GY   3.00
713                           -2.8154 GY   3.17
766                           -2.8154 GY   0.13
766                           -8.4463 GY   0.30
766                          -14.0771 GY   0.49
766                          -19.7080 GY   0.68
766                          -25.3389 GY   0.88
766                          -30.9697 GY   1.07
766                          -36.6006 GY   1.26
766                          -42.2314 GY   1.46
766                          -42.2314 GY   1.64
766                          -36.6006 GY   1.84
766                          -30.9697 GY   2.03
766                          -25.3389 GY   2.22
766                          -19.7080 GY   2.42
766                          -14.0771 GY   2.61
766                           -8.4463 GY   2.80
766                           -2.8154 GY   2.97
719                          -39.5508 GY   0.09
```

719			-34.2773	GY	0.28
719			-29.0039	GY	0.47
719			-23.7305	GY	0.65
719			-18.4570	GY	0.84
719			-13.1836	GY	1.03
719			-7.9102	GY	1.21
719			-2.6367	GY	1.38
718			-2.8154	GY	0.13
718			-8.4463	GY	0.30
718			-14.0772	GY	0.49
718			-19.7080	GY	0.68
718			-25.3389	GY	0.88
718			-30.9697	GY	1.07
718			-36.6006	GY	1.26
718			-42.2315	GY	1.46
718	-232.5001	GY	1.55	1.75	
718			-1.4502	GY	1.75
718			-1.4443	GY	1.76
718			-1.4385	GY	1.77
718			-1.4326	GY	1.77
718			-1.4268	GY	1.78
718			-1.4209	GY	1.78
718			-1.4150	GY	1.79
718			-1.4092	GY	1.80
756			-2.8154	GY	0.13
756			-8.4463	GY	0.30
756			-14.0771	GY	0.49
756			-19.7080	GY	0.68
756			-25.3389	GY	0.88
756			-30.9697	GY	1.07
756			-36.6006	GY	1.26
756			-42.2314	GY	1.46
756			-42.2314	GY	1.64
756			-36.6006	GY	1.84
756			-30.9697	GY	2.03
756			-25.3389	GY	2.22
756			-19.7080	GY	2.42
756			-14.0771	GY	2.61
756			-8.4463	GY	2.80
756			-2.8154	GY	2.97
714			-2.8154	GY	0.13
714			-8.4463	GY	0.30
714			-14.0772	GY	0.49
714			-19.7080	GY	0.68
714			-25.3389	GY	0.88
714			-30.9697	GY	1.07
714			-36.6006	GY	1.26
714			-42.2315	GY	1.46
714			-42.2314	GY	1.64
714			-36.6006	GY	1.84
714			-30.9697	GY	2.03
714			-25.3389	GY	2.22
714			-19.7080	GY	2.42
714			-14.0771	GY	2.61
714			-8.4463	GY	2.80
714			-2.8154	GY	2.97

775	-2.8154	GY	0.13
775	-8.4463	GY	0.30
775	-14.0771	GY	0.49
775	-19.7080	GY	0.68
775	-25.3389	GY	0.88
775	-30.9697	GY	1.07
775	-36.6006	GY	1.26
775	-42.2314	GY	1.46
775	-42.2314	GY	1.64
775	-36.6006	GY	1.84
775	-30.9697	GY	2.03
775	-25.3389	GY	2.22
775	-19.7080	GY	2.42
775	-14.0771	GY	2.61
775	-8.4463	GY	2.80
775	-2.8154	GY	2.97
721	-11.4639	GY	0.04
721	-12.4541	GY	0.12
721	-13.4443	GY	0.20
721	-14.4346	GY	0.28
721	-15.4248	GY	0.37
721	-16.4150	GY	0.45
721	-17.4053	GY	0.53
721	-18.3955	GY	0.61
721	-42.2314	GY	0.74
721	-36.6006	GY	0.94
721	-30.9697	GY	1.13
721	-25.3389	GY	1.32
721	-19.7080	GY	1.52
721	-14.0771	GY	1.71
721	-8.4463	GY	1.90
721	-2.8154	GY	2.07
720	-0.9492	GY	0.08
720	-2.8477	GY	0.18
720	-4.7461	GY	0.29
720	-6.6445	GY	0.40
720	-8.5430	GY	0.51
720	-10.4414	GY	0.62
720	-12.3398	GY	0.73
720	-14.2383	GY	0.85
766	-2.8154	GY	0.13
766	-8.4463	GY	0.30
766	-14.0771	GY	0.49
766	-19.7080	GY	0.68
766	-25.3389	GY	0.88
766	-30.9697	GY	1.07
766	-36.6006	GY	1.26
766	-42.2314	GY	1.46
766	-42.2314	GY	1.64
766	-36.6006	GY	1.84
766	-30.9697	GY	2.03
766	-25.3389	GY	2.22
766	-19.7080	GY	2.42
766	-14.0771	GY	2.61
766	-8.4463	GY	2.80
766	-2.8154	GY	2.97

```
715                          -2.4639 GY   0.12
715                          -7.3916 GY   0.28
715                         -12.3193 GY   0.46
715                         -17.2471 GY   0.64
715                         -22.1748 GY   0.82
715                         -27.1025 GY   1.00
715                         -32.0302 GY   1.18
715                         -36.9580 GY   1.36
715                         -36.9580 GY   1.54
715                         -32.0303 GY   1.72
715                         -27.1025 GY   1.90
715                         -22.1748 GY   2.08
715                         -17.2471 GY   2.26
715                         -12.3193 GY   2.44
715                          -7.3916 GY   2.62
715                          -2.4639 GY   2.78
781                          -2.4639 GY   0.12
781                          -7.3916 GY   0.28
781                         -12.3193 GY   0.46
781                         -17.2471 GY   0.64
781                         -22.1748 GY   0.82
781                         -27.1025 GY   1.00
781                         -32.0303 GY   1.18
781                         -36.9580 GY   1.36
781  -217.5000 GY   1.45    1.65
781                         -36.9580 GY   1.74
781                         -32.0303 GY   1.92
781                         -27.1025 GY   2.10
781                         -22.1748 GY   2.28
781                         -17.2471 GY   2.46
781                         -12.3193 GY   2.64
781                          -7.3916 GY   2.82
781                          -2.4639 GY   2.98
722                          -2.4639 GY   0.12
722                          -7.3916 GY   0.28
722                         -12.3193 GY   0.46
722                         -17.2471 GY   0.64
722                         -22.1748 GY   0.82
722                         -27.1025 GY   1.00
722                         -32.0303 GY   1.18
722                         -36.9580 GY   1.36
722                         -36.9580 GY   1.54
722                         -32.0303 GY   1.72
722                         -27.1025 GY   1.90
722                         -22.1748 GY   2.08
722                         -17.2471 GY   2.26
722                         -12.3193 GY   2.44
722                          -7.3916 GY   2.62
722                          -2.4639 GY   2.78
775                          -2.4639 GY   0.12
775                          -7.3916 GY   0.28
775                         -12.3193 GY   0.46
775                         -17.2471 GY   0.64
775                         -22.1748 GY   0.82
775                         -27.1025 GY   1.00
775                         -32.0302 GY   1.18
```

```
775                          -36.9580 GY   1.36
775  -217.4999 GY   1.45    1.65
775                          -36.9580 GY   1.74
775                          -32.0302 GY   1.92
775                          -27.1025 GY   2.10
775                          -22.1748 GY   2.28
775                          -17.2471 GY   2.46
775                          -12.3193 GY   2.64
775                           -7.3916 GY   2.82
775                           -2.4639 GY   2.98
716                           -2.8154 GY   0.13
716                           -8.4463 GY   0.30
716                          -14.0771 GY   0.49
716                          -19.7080 GY   0.68
716                          -25.3389 GY   0.88
716                          -30.9697 GY   1.07
716                          -36.6006 GY   1.26
716                          -42.2314 GY   1.46
716                          -42.2314 GY   1.64
716                          -36.6006 GY   1.84
716                          -30.9697 GY   2.03
716                          -25.3389 GY   2.22
716                          -19.7080 GY   2.42
716                          -14.0771 GY   2.61
716                           -8.4463 GY   2.80
716                           -2.8154 GY   2.97
788                           -2.8154 GY   0.13
788                           -8.4463 GY   0.30
788                          -14.0771 GY   0.49
788                          -19.7080 GY   0.68
788                          -25.3389 GY   0.88
788                          -30.9697 GY   1.07
788                          -36.6006 GY   1.26
788                          -42.2314 GY   1.46
788                          -42.2314 GY   1.64
788                          -36.6006 GY   1.84
788                          -30.9697 GY   2.03
788                          -25.3389 GY   2.22
788                          -19.7080 GY   2.42
788                          -14.0771 GY   2.61
788                           -8.4463 GY   2.80
788                           -2.8154 GY   2.97
724                          -14.2383 GY   0.05
724                          -12.3398 GY   0.17
724                          -10.4414 GY   0.28
724                           -8.5430 GY   0.39
724                           -6.6445 GY   0.50
724                           -4.7461 GY   0.61
724                           -2.8477 GY   0.72
724                           -0.9492 GY   0.82
723                           -2.8154 GY   0.13
723                           -8.4463 GY   0.30
723                          -14.0772 GY   0.49
723                          -19.7080 GY   0.68
723                          -25.3389 GY   0.88
723                          -30.9697 GY   1.07
```

723			-36.6006	GY	1.26
723			-42.2315	GY	1.46
723			-18.3955	GY	1.59
723			-17.4053	GY	1.67
723			-16.4151	GY	1.75
723			-15.4248	GY	1.83
723			-14.4346	GY	1.92
723			-13.4443	GY	2.00
723			-12.4541	GY	2.08
723			-11.4639	GY	2.16
781			-2.8154	GY	0.13
781			-8.4463	GY	0.30
781			-14.0771	GY	0.49
781			-19.7080	GY	0.68
781			-25.3389	GY	0.88
781			-30.9697	GY	1.07
781			-36.6006	GY	1.26
781			-42.2314	GY	1.46
781			-42.2314	GY	1.64
781			-36.6006	GY	1.84
781			-30.9697	GY	2.03
781			-25.3389	GY	2.22
781			-19.7080	GY	2.42
781			-14.0771	GY	2.61
781			-8.4463	GY	2.80
781			-2.8154	GY	2.97
717			-2.8154	GY	0.13
717			-8.4463	GY	0.30
717			-14.0772	GY	0.49
717			-19.7080	GY	0.68
717			-25.3389	GY	0.88
717			-30.9697	GY	1.07
717			-36.6006	GY	1.26
717			-42.2315	GY	1.46
717	-232.5001	GY	1.55	1.75	
717			-42.2315	GY	1.84
717			-36.6006	GY	2.04
717			-30.9697	GY	2.23
717			-25.3389	GY	2.42
717			-19.7080	GY	2.62
717			-14.0772	GY	2.81
717			-8.4463	GY	3.00
717			-2.8154	GY	3.17
795			-2.8154	GY	0.13
795			-8.4463	GY	0.30
795			-14.0771	GY	0.49
795			-19.7080	GY	0.68
795			-25.3389	GY	0.88
795			-30.9697	GY	1.07
795			-36.6006	GY	1.26
795			-42.2314	GY	1.46
795			-42.2314	GY	1.64
795			-36.6006	GY	1.84
795			-30.9697	GY	2.03
795			-25.3389	GY	2.22
795			-19.7080	GY	2.42

```
795                          -14.0771 GY   2.61
795                           -8.4463 GY   2.80
795                           -2.8154 GY   2.97
726                          -11.9092 GY   0.05
726                          -13.2275 GY   0.14
726                          -14.5459 GY   0.24
726                          -15.8642 GY   0.33
726                          -17.1826 GY   0.42
726                          -18.5010 GY   0.52
726                          -19.8193 GY   0.61
726                          -21.1377 GY   0.70
726  -232.5001 GY   0.75    0.95
726                          -42.2315 GY   1.04
726                          -36.6006 GY   1.24
726                          -30.9697 GY   1.43
726                          -25.3389 GY   1.62
726                          -19.7080 GY   1.82
726                          -14.0772 GY   2.01
726                           -8.4463 GY   2.20
726                           -2.8154 GY   2.37
725                           -0.7500 GY   0.07
725                           -2.2500 GY   0.16
725                           -3.7500 GY   0.25
725                           -5.2500 GY   0.35
725                           -6.7500 GY   0.45
725                           -8.2500 GY   0.55
725                           -9.7500 GY   0.65
725                          -11.2500 GY   0.75
788                           -2.8154 GY   0.13
788                           -8.4463 GY   0.30
788                          -14.0771 GY   0.49
788                          -19.7080 GY   0.68
788                          -25.3389 GY   0.88
788                          -30.9697 GY   1.07
788                          -36.6006 GY   1.26
788                          -42.2314 GY   1.46
788                          -42.2314 GY   1.64
788                          -36.6006 GY   1.84
788                          -30.9697 GY   2.03
788                          -25.3389 GY   2.22
788                          -19.7080 GY   2.42
788                          -14.0771 GY   2.61
788                           -8.4463 GY   2.80
788                           -2.8154 GY   2.97
718                           -0.9492 GY   0.08
718                           -2.8477 GY   0.17
718                           -4.7461 GY   0.28
718                           -6.6445 GY   0.40
718                           -8.5430 GY   0.51
718                          -10.4414 GY   0.62
718                          -12.3399 GY   0.73
718                          -14.2383 GY   0.84
718                          -14.2383 GY   0.95
718                          -12.3399 GY   1.07
718                          -10.4414 GY   1.18
718                           -8.5430 GY   1.29
```

```
718                          -6.6445 GY   1.40
718                          -4.7461 GY   1.51
718                          -2.8477 GY   1.62
718                          -0.9492 GY   1.72
763                          -0.9492 GY   0.08
763                          -2.8477 GY   0.18
763                          -4.7461 GY   0.29
763                          -6.6445 GY   0.40
763                          -8.5430 GY   0.51
763                         -10.4414 GY   0.62
763                         -12.3399 GY   0.73
763                         -14.2383 GY   0.85
763  -135.0000 GY   0.90    1.30
763                         -14.2383 GY   1.36
763                         -12.3398 GY   1.47
763                         -10.4414 GY   1.58
763                          -8.5430 GY   1.69
763                          -6.6445 GY   1.80
763                          -4.7461 GY   1.91
763                          -2.8477 GY   2.02
763                          -0.9492 GY   2.12
727                          -0.9492 GY   0.08
727                          -2.8477 GY   0.17
727                          -4.7461 GY   0.28
727                          -6.6445 GY   0.40
727                          -8.5430 GY   0.51
727                         -10.4414 GY   0.62
727                         -12.3398 GY   0.73
727                         -14.2383 GY   0.84
727                         -14.2383 GY   0.95
727                         -12.3398 GY   1.07
727                         -10.4414 GY   1.18
727                          -8.5430 GY   1.29
727                          -6.6445 GY   1.40
727                          -4.7461 GY   1.51
727                          -2.8477 GY   1.62
727                          -0.9492 GY   1.72
757                          -0.9492 GY   0.08
757                          -2.8477 GY   0.18
757                          -4.7461 GY   0.29
757                          -6.6445 GY   0.40
757                          -8.5430 GY   0.51
757                         -10.4414 GY   0.62
757                         -12.3399 GY   0.73
757                         -14.2383 GY   0.85
757  -135.0000 GY   0.90    1.30
757                         -14.2383 GY   1.36
757                         -12.3398 GY   1.47
757                         -10.4414 GY   1.58
757                          -8.5430 GY   1.69
757                          -6.6445 GY   1.80
757                          -4.7461 GY   1.91
757                          -2.8477 GY   2.02
757                          -0.9492 GY   2.12
771                          -1.4180 GY   0.09
771                          -4.2539 GY   0.21
```

771			-7.0898 GY	0.35	
771			-9.9258 GY	0.48	
771			-12.7617 GY	0.62	
771			-15.5977 GY	0.76	
771			-18.4336 GY	0.90	
771			-21.2695 GY	1.03	
771			-21.2695 GY	1.17	
771			-18.4336 GY	1.30	
771			-15.5976 GY	1.44	
771			-12.7617 GY	1.58	
771			-9.9258 GY	1.72	
771			-7.0898 GY	1.85	
771			-4.2539 GY	1.99	
771			-1.4180 GY	2.11	
729			-14.2383 GY	0.06	
729			-12.3398 GY	0.17	
729			-10.4414 GY	0.28	
729			-8.5430 GY	0.39	
729			-6.6445 GY	0.50	
729			-4.7461 GY	0.62	
729			-2.8477 GY	0.73	
729			-0.9492 GY	0.83	
728			-1.4180 GY	0.09	
728			-4.2539 GY	0.21	
728			-7.0898 GY	0.35	
728			-9.9258 GY	0.48	
728			-12.7617 GY	0.62	
728			-15.5976 GY	0.76	
728			-18.4336 GY	0.90	
728			-21.2695 GY	1.03	
728	-164.9999 GY	1.10	1.30		
728			-4.0781 GY	1.31	
728			-3.9844 GY	1.34	
728			-3.8906 GY	1.36	
728			-3.7969 GY	1.39	
728			-3.7031 GY	1.41	
728			-3.6094 GY	1.44	
728			-3.5156 GY	1.46	
728			-3.4219 GY	1.49	
763			-1.4180 GY	0.09	
763			-4.2539 GY	0.21	
763			-7.0898 GY	0.35	
763			-9.9258 GY	0.48	
763			-12.7617 GY	0.62	
763			-15.5977 GY	0.76	
763			-18.4336 GY	0.90	
763			-21.2695 GY	1.03	
763			-21.2695 GY	1.17	
763			-18.4336 GY	1.30	
763			-15.5976 GY	1.44	
763			-12.7617 GY	1.58	
763			-9.9258 GY	1.72	
763			-7.0898 GY	1.85	
763			-4.2539 GY	1.99	
763			-1.4180 GY	2.11	
720			-14.2383 GY	0.06	

720			-12.3399	GY	0.17
720			-10.4414	GY	0.28
720			-8.5430	GY	0.39
720			-6.6445	GY	0.50
720			-4.7461	GY	0.62
720			-2.8477	GY	0.73
720			-0.9492	GY	0.83
719			-1.4180	GY	0.09
719			-4.2539	GY	0.21
719			-7.0898	GY	0.35
719			-9.9258	GY	0.48
719			-12.7617	GY	0.62
719			-15.5977	GY	0.76
719			-18.4336	GY	0.90
719			-21.2695	GY	1.03
719	-165.0001	GY 1.10	1.30		
719			-4.0781	GY	1.31
719			-3.9844	GY	1.34
719			-3.8906	GY	1.36
719			-3.7969	GY	1.39
719			-3.7031	GY	1.41
719			-3.6094	GY	1.44
719			-3.5156	GY	1.46
719			-3.4219	GY	1.49
785			-2.6367	GY	0.12
785			-7.9102	GY	0.29
785			-13.1836	GY	0.47
785			-18.4570	GY	0.66
785			-23.7305	GY	0.85
785			-29.0039	GY	1.03
785			-34.2773	GY	1.22
785			-39.5508	GY	1.41
785			-39.5508	GY	1.59
785			-34.2774	GY	1.78
785			-29.0039	GY	1.97
785			-23.7305	GY	2.15
785			-18.4570	GY	2.34
785			-13.1836	GY	2.52
785			-7.9102	GY	2.71
785			-2.6367	GY	2.87
733			-39.5508	GY	0.79
733			-34.2773	GY	0.98
733			-29.0039	GY	1.17
733			-23.7305	GY	1.35
733			-18.4570	GY	1.54
733			-13.1836	GY	1.73
733			-7.9102	GY	1.91
733			-2.6367	GY	2.08
733	-225.0000	GY 0.00	0.70		
732	-225.0000	GY 0.00	2.90		
731			-2.6367	GY	0.12
731			-7.9101	GY	0.29
731			-13.1836	GY	0.47
731			-18.4570	GY	0.66
731			-23.7304	GY	0.85
731			-29.0039	GY	1.03

731			-34.2773	GY	1.22
731			-39.5507	GY	1.41
731	-224.9999	GY	1.50		2.20
772			-11.2500	GY	0.05
772			-9.7500	GY	0.15
772			-8.2500	GY	0.25
772			-6.7500	GY	0.35
772			-5.2500	GY	0.45
772			-3.7500	GY	0.55
772			-2.2500	GY	0.64
772			-0.7500	GY	0.73
771			-2.6367	GY	0.12
771			-7.9102	GY	0.29
771			-13.1836	GY	0.47
771			-18.4570	GY	0.66
771			-23.7305	GY	0.85
771			-29.0039	GY	1.03
771			-34.2773	GY	1.22
771			-39.5508	GY	1.41
771			-19.1133	GY	1.54
771			-17.9648	GY	1.63
771			-16.8164	GY	1.72
771			-15.6680	GY	1.81
771			-14.5195	GY	1.89
771			-13.3711	GY	1.98
771			-12.2227	GY	2.07
771			-11.0742	GY	2.16
723	-225.0000	GY	0.00		0.70
723			-39.5508	GY	0.79
723			-34.2773	GY	0.98
723			-29.0039	GY	1.17
723			-23.7305	GY	1.35
723			-18.4570	GY	1.54
723			-13.1836	GY	1.73
723			-7.9102	GY	1.91
723			-2.6367	GY	2.08
721	-225.0000	GY	1.50		2.20
721			-2.6367	GY	0.12
721			-7.9102	GY	0.29
721			-13.1836	GY	0.47
721			-18.4570	GY	0.66
721			-23.7305	GY	0.85
721			-29.0039	GY	1.03
721			-34.2773	GY	1.22
721			-39.5508	GY	1.41
722	-225.0000	GY	0.00		2.90
796			-2.6367	GY	0.12
796			-7.9102	GY	0.29
796			-13.1836	GY	0.47
796			-18.4570	GY	0.66
796			-23.7305	GY	0.85
796			-29.0039	GY	1.03
796			-34.2773	GY	1.22
796			-39.5508	GY	1.41
796			-39.5508	GY	1.59
796			-34.2774	GY	1.78

796			-29.0039	GY	1.97
796			-23.7305	GY	2.15
796			-18.4570	GY	2.34
796			-13.1836	GY	2.52
796			-7.9102	GY	2.71
796			-2.6367	GY	2.87
736			-39.5508	GY	1.09
736			-34.2773	GY	1.28
736			-29.0039	GY	1.47
736			-23.7305	GY	1.65
736			-18.4570	GY	1.84
736			-13.1836	GY	2.02
736			-7.9102	GY	2.21
736			-2.6367	GY	2.37
736	-225.0000	GY 0.00	1.00		
735			-10.5469	GY	0.04
735			-11.3906	GY	0.11
735			-12.2344	GY	0.19
735			-13.0781	GY	0.26
735			-13.9219	GY	0.34
735			-14.7656	GY	0.41
735			-15.6094	GY	0.49
735			-16.4531	GY	0.56
735	-225.0000	GY 0.60	0.80		
734			-0.9492	GY	0.07
734			-2.8477	GY	0.17
734			-4.7461	GY	0.28
734			-6.6445	GY	0.40
734			-8.5430	GY	0.51
734			-10.4414	GY	0.62
734			-12.3398	GY	0.73
734			-14.2383	GY	0.84
785			-2.6367	GY	0.12
785			-7.9101	GY	0.29
785			-13.1836	GY	0.47
785			-18.4570	GY	0.66
785			-23.7304	GY	0.85
785			-29.0039	GY	1.03
785			-34.2773	GY	1.22
785			-39.5507	GY	1.41
785			-39.5508	GY	1.59
785			-34.2773	GY	1.78
785			-29.0039	GY	1.97
785			-23.7305	GY	2.15
785			-18.4570	GY	2.34
785			-13.1836	GY	2.52
785			-7.9102	GY	2.71
785			-2.6367	GY	2.87
726	-224.9999	GY 0.00	1.00		
726			-39.5508	GY	1.09
726			-34.2773	GY	1.28
726			-29.0039	GY	1.47
726			-23.7305	GY	1.65
726			-18.4570	GY	1.84
726			-13.1836	GY	2.02
726			-7.9102	GY	2.21

726			-2.6367	GY	2.37
724			-0.9492	GY	0.07
724			-2.8477	GY	0.17
724			-4.7461	GY	0.28
724			-6.6445	GY	0.40
724			-8.5430	GY	0.51
724			-10.4414	GY	0.62
724			-12.3398	GY	0.73
724			-14.2383	GY	0.84
725	-224.9999	GY 0.60	0.80		
725			-10.5469	GY	0.04
725			-11.3906	GY	0.11
725			-12.2344	GY	0.19
725			-13.0781	GY	0.26
725			-13.9218	GY	0.34
725			-14.7656	GY	0.41
725			-15.6093	GY	0.49
725			-16.4531	GY	0.56
767			-0.7500	GY	0.07
767			-2.2500	GY	0.16
767			-3.7500	GY	0.25
767			-5.2500	GY	0.35
767			-6.7500	GY	0.45
767			-8.2500	GY	0.55
767			-9.7500	GY	0.65
767			-11.2500	GY	0.75
768			-11.0742	GY	0.04
768			-12.2227	GY	0.13
768			-13.3711	GY	0.22
768			-14.5195	GY	0.31
768			-15.6680	GY	0.39
768			-16.8164	GY	0.48
768			-17.9649	GY	0.57
768			-19.1133	GY	0.66
768			-39.5508	GY	0.79
768			-34.2773	GY	0.98
768			-29.0039	GY	1.17
768			-23.7305	GY	1.35
768			-18.4570	GY	1.54
768			-13.1836	GY	1.73
768			-7.9102	GY	1.91
768			-2.6367	GY	2.08
737			-2.6367	GY	0.12
737			-7.9102	GY	0.29
737			-13.1836	GY	0.47
737			-18.4570	GY	0.66
737			-23.7305	GY	0.85
737			-29.0039	GY	1.03
737			-34.2773	GY	1.22
737			-39.5508	GY	1.41
737	-225.0000	GY 1.50	1.80		
737			-39.5508	GY	1.89
737			-34.2773	GY	2.08
737			-29.0039	GY	2.27
737			-23.7305	GY	2.45
737			-18.4570	GY	2.64

737			-13.1836 GY	2.83	
737			-7.9102 GY	3.01	
737			-2.6367 GY	3.18	
759			-39.5508 GY	0.09	
759			-34.2773 GY	0.28	
759			-29.0039 GY	0.47	
759			-23.7305 GY	0.65	
759			-18.4570 GY	0.84	
759			-13.1836 GY	1.02	
759			-7.9102 GY	1.21	
759			-2.6367 GY	1.37	
758			-2.6367 GY	0.13	
758			-7.9102 GY	0.29	
758			-13.1836 GY	0.48	
758			-18.4570 GY	0.66	
758			-23.7305 GY	0.85	
758			-29.0039 GY	1.03	
758			-34.2774 GY	1.22	
758			-39.5508 GY	1.41	
728			-39.5508 GY	0.09	
728			-34.2773 GY	0.28	
728			-29.0039 GY	0.47	
728			-23.7305 GY	0.65	
728			-18.4570 GY	0.84	
728			-13.1836 GY	1.03	
728			-7.9102 GY	1.21	
728			-2.6367 GY	1.38	
727	-225.0000 GY	1.50	1.80		
727			-2.6367 GY	0.13	
727			-7.9102 GY	0.29	
727			-13.1836 GY	0.48	
727			-18.4570 GY	0.66	
727			-23.7305 GY	0.85	
727			-29.0039 GY	1.03	
727			-34.2773 GY	1.22	
727			-39.5508 GY	1.41	
729			-0.1875 GY	0.03	
729			-0.5625 GY	0.08	
729			-0.9375 GY	0.13	
729			-1.3125 GY	0.18	
729			-1.6875 GY	0.23	
729			-2.0625 GY	0.28	
729			-2.4375 GY	0.33	
729			-2.8125 GY	0.38	
729	-59.9999 GY	0.40	0.50		
729			-2.8125 GY	0.52	
729			-2.4375 GY	0.57	
729			-2.0625 GY	0.62	
729			-1.6875 GY	0.67	
729			-1.3125 GY	0.72	
729			-0.9375 GY	0.77	
729			-0.5625 GY	0.82	
729			-0.1875 GY	0.87	
772			-0.1875 GY	0.03	
772			-0.5625 GY	0.08	
772			-0.9375 GY	0.13	

```
772                          -1.3125 GY   0.18
772                          -1.6875 GY   0.23
772                          -2.0625 GY   0.28
772                          -2.4375 GY   0.33
772                          -2.8125 GY   0.38
772                          -2.8125 GY   0.42
772                          -2.4375 GY   0.47
772                          -2.0625 GY   0.52
772                          -1.6875 GY   0.57
772                          -1.3125 GY   0.62
772                          -0.9375 GY   0.67
772                          -0.5625 GY   0.72
772                          -0.1875 GY   0.77
730                          -0.1875 GY   0.03
730                          -0.5625 GY   0.08
730                          -0.9375 GY   0.13
730                          -1.3125 GY   0.18
730                          -1.6875 GY   0.23
730                          -2.0625 GY   0.28
730                          -2.4375 GY   0.33
730                          -2.8125 GY   0.38
730   -59.9999 GY   0.40    0.50
730                          -2.8125 GY   0.52
730                          -2.4375 GY   0.57
730                          -2.0625 GY   0.62
730                          -1.6875 GY   0.67
730                          -1.3125 GY   0.72
730                          -0.9375 GY   0.77
730                          -0.5625 GY   0.82
730                          -0.1875 GY   0.87
767                          -0.1875 GY   0.03
767                          -0.5625 GY   0.08
767                          -0.9375 GY   0.13
767                          -1.3125 GY   0.18
767                          -1.6875 GY   0.23
767                          -2.0625 GY   0.28
767                          -2.4375 GY   0.33
767                          -2.8125 GY   0.38
767                          -2.8125 GY   0.42
767                          -2.4375 GY   0.47
767                          -2.0625 GY   0.52
767                          -1.6875 GY   0.57
767                          -1.3125 GY   0.62
767                          -0.9375 GY   0.67
767                          -0.5625 GY   0.72
767                          -0.1875 GY   0.77
776                          -1.4180 GY   0.09
776                          -4.2539 GY   0.21
776                          -7.0898 GY   0.35
776                          -9.9258 GY   0.48
776                         -12.7617 GY   0.62
776                         -15.5977 GY   0.76
776                         -18.4336 GY   0.90
776                         -21.2695 GY   1.03
776                         -21.2695 GY   1.17
776                         -18.4336 GY   1.30
```

```
776                          -15.5977 GY   1.44
776                          -12.7617 GY   1.58
776                           -9.9258 GY   1.72
776                           -7.0898 GY   1.85
776                           -4.2539 GY   1.99
776                           -1.4180 GY   2.11
738                           -1.4180 GY   0.09
738                           -4.2539 GY   0.21
738                           -7.0898 GY   0.35
738                           -9.9258 GY   0.48
738                          -12.7617 GY   0.62
738                          -15.5977 GY   0.76
738                          -18.4336 GY   0.90
738                          -21.2695 GY   1.03
738  -165.0001 GY   1.10    2.00
738                          -21.2695 GY   2.07
738                          -18.4336 GY   2.20
738                          -15.5977 GY   2.34
738                          -12.7617 GY   2.48
738                           -9.9258 GY   2.62
738                           -7.0898 GY   2.75
738                           -4.2539 GY   2.89
738                           -1.4180 GY   3.01
768                           -1.4180 GY   0.09
768                           -4.2539 GY   0.21
768                           -7.0898 GY   0.35
768                           -9.9258 GY   0.48
768                          -12.7617 GY   0.62
768                          -15.5977 GY   0.76
768                          -18.4336 GY   0.90
768                          -21.2695 GY   1.03
768                          -21.2695 GY   1.17
768                          -18.4336 GY   1.30
768                          -15.5977 GY   1.44
768                          -12.7617 GY   1.58
768                           -9.9258 GY   1.72
768                           -7.0898 GY   1.85
768                           -4.2539 GY   1.99
768                           -1.4180 GY   2.11
731                           -3.4219 GY   0.01
731                           -3.5156 GY   0.04
731                           -3.6094 GY   0.06
731                           -3.7031 GY   0.09
731                           -3.7969 GY   0.11
731                           -3.8906 GY   0.14
731                           -3.9844 GY   0.16
731                           -4.0781 GY   0.19
731  -165.0001 GY   0.20    1.10
731                          -21.2695 GY   1.17
731                          -18.4336 GY   1.30
731                          -15.5977 GY   1.44
731                          -12.7617 GY   1.58
731                           -9.9258 GY   1.72
731                           -7.0898 GY   1.85
731                           -4.2539 GY   1.99
731                           -1.4180 GY   2.11
```

730			-0.9492 GY	0.08
730			-2.8477 GY	0.18
730			-4.7461 GY	0.29
730			-6.6445 GY	0.40
730			-8.5430 GY	0.51
730			-10.4414 GY	0.62
730			-12.3399 GY	0.73
730			-14.2383 GY	0.85
732			-1.4180 GY	0.09
732			-4.2539 GY	0.21
732			-7.0899 GY	0.35
732			-9.9258 GY	0.48
732			-12.7617 GY	0.62
732			-15.5977 GY	0.76
732			-18.4336 GY	0.90
732			-21.2696 GY	1.03
732	-165.0002 GY	1.10	1.80	
732			-21.2696 GY	1.87
732			-18.4336 GY	2.00
732			-15.5977 GY	2.14
732			-12.7617 GY	2.28
732			-9.9258 GY	2.42
732			-7.0899 GY	2.55
732			-4.2539 GY	2.69
732			-1.4180 GY	2.81
782			-1.4180 GY	0.09
782			-4.2539 GY	0.21
782			-7.0898 GY	0.35
782			-9.9258 GY	0.48
782			-12.7617 GY	0.62
782			-15.5977 GY	0.76
782			-18.4336 GY	0.90
782			-21.2695 GY	1.03
782			-21.2695 GY	1.17
782			-18.4336 GY	1.30
782			-15.5977 GY	1.44
782			-12.7617 GY	1.58
782			-9.9258 GY	1.72
782			-7.0898 GY	1.85
782			-4.2539 GY	1.99
782			-1.4180 GY	2.11
739			-1.4180 GY	0.09
739			-4.2539 GY	0.21
739			-7.0898 GY	0.35
739			-9.9258 GY	0.48
739			-12.7617 GY	0.62
739			-15.5977 GY	0.76
739			-18.4336 GY	0.90
739			-21.2695 GY	1.03
739	-164.9999 GY	1.10	1.80	
739			-21.2695 GY	1.87
739			-18.4336 GY	2.00
739			-15.5977 GY	2.14
739			-12.7617 GY	2.28
739			-9.9258 GY	2.42
739			-7.0898 GY	2.55

```
739                          -4.2539 GY   2.69
739                          -1.4180 GY   2.81
776                          -1.4180 GY   0.09
776                          -4.2539 GY   0.21
776                          -7.0899 GY   0.35
776                          -9.9258 GY   0.48
776                         -12.7617 GY   0.62
776                         -15.5977 GY   0.76
776                         -18.4336 GY   0.90
776                         -21.2696 GY   1.03
776                         -21.2695 GY   1.17
776                         -18.4336 GY   1.30
776                         -15.5977 GY   1.44
776                         -12.7617 GY   1.58
776                          -9.9258 GY   1.72
776                          -7.0898 GY   1.85
776                          -4.2539 GY   1.99
776                          -1.4180 GY   2.11
789                          -1.4180 GY   0.09
789                          -4.2539 GY   0.21
789                          -7.0898 GY   0.35
789                          -9.9258 GY   0.48
789                         -12.7617 GY   0.62
789                         -15.5977 GY   0.76
789                         -18.4336 GY   0.90
789                         -21.2695 GY   1.03
789                         -21.2695 GY   1.17
789                         -18.4336 GY   1.30
789                         -15.5977 GY   1.44
789                         -12.7617 GY   1.58
789                          -9.9258 GY   1.72
789                          -7.0898 GY   1.85
789                          -4.2539 GY   1.99
789                          -1.4180 GY   2.11
740                          -1.4180 GY   0.09
740                          -4.2539 GY   0.21
740                          -7.0898 GY   0.35
740                          -9.9258 GY   0.48
740                         -12.7617 GY   0.62
740                         -15.5977 GY   0.76
740                         -18.4336 GY   0.90
740                         -21.2695 GY   1.03
740  -165.0001 GY   1.10    2.00
740                         -21.2695 GY   2.07
740                         -18.4336 GY   2.20
740                         -15.5977 GY   2.34
740                         -12.7617 GY   2.48
740                          -9.9258 GY   2.62
740                          -7.0898 GY   2.75
740                          -4.2539 GY   2.89
740                          -1.4180 GY   3.01
782                          -1.4180 GY   0.09
782                          -4.2539 GY   0.21
782                          -7.0898 GY   0.35
782                          -9.9258 GY   0.48
782                         -12.7617 GY   0.62
```

```
782                          -15.5977 GY   0.76
782                          -18.4336 GY   0.90
782                          -21.2695 GY   1.03
782                          -21.2695 GY   1.17
782                          -18.4336 GY   1.30
782                          -15.5977 GY   1.44
782                          -12.7617 GY   1.58
782                           -9.9258 GY   1.72
782                           -7.0898 GY   1.85
782                           -4.2539 GY   1.99
782                           -1.4180 GY   2.11
734                          -14.2383 GY   0.05
734                          -12.3398 GY   0.17
734                          -10.4414 GY   0.28
734                           -8.5430 GY   0.39
734                           -6.6445 GY   0.50
734                           -4.7461 GY   0.61
734                           -2.8477 GY   0.72
734                           -0.9492 GY   0.82
733                           -1.4180 GY   0.09
733                           -4.2539 GY   0.21
733                           -7.0898 GY   0.35
733                           -9.9258 GY   0.48
733                          -12.7617 GY   0.62
733                          -15.5977 GY   0.76
733                          -18.4336 GY   0.90
733                          -21.2695 GY   1.03
733  -165.0001 GY   1.10    2.00
733                           -4.0781 GY   2.01
733                           -3.9844 GY   2.04
733                           -3.8906 GY   2.06
733                           -3.7969 GY   2.09
733                           -3.7031 GY   2.11
733                           -3.6094 GY   2.14
733                           -3.5156 GY   2.16
733                           -3.4219 GY   2.19
797                           -1.4180 GY   0.09
797                           -4.2539 GY   0.21
797                           -7.0898 GY   0.35
797                           -9.9258 GY   0.48
797                          -12.7617 GY   0.62
797                          -15.5977 GY   0.76
797                          -18.4336 GY   0.90
797                          -21.2695 GY   1.03
797                          -21.2695 GY   1.17
797                          -18.4336 GY   1.30
797                          -15.5977 GY   1.44
797                          -12.7617 GY   1.58
797                           -9.9258 GY   1.72
797                           -7.0898 GY   1.85
797                           -4.2539 GY   1.99
797                           -1.4180 GY   2.11
741                           -1.4180 GY   0.09
741                           -4.2539 GY   0.21
741                           -7.0898 GY   0.35
741                           -9.9258 GY   0.48
```

741			-12.7617	GY	0.62
741			-15.5977	GY	0.76
741			-18.4336	GY	0.90
741			-21.2695	GY	1.03
741	-165.0001	GY	1.10	2.20	
741			-21.2695	GY	2.27
741			-18.4336	GY	2.40
741			-15.5977	GY	2.54
741			-12.7617	GY	2.68
741			-9.9258	GY	2.82
741			-7.0898	GY	2.95
741			-4.2539	GY	3.09
741			-1.4180	GY	3.21
789			-1.4180	GY	0.09
789			-4.2539	GY	0.21
789			-7.0898	GY	0.35
789			-9.9258	GY	0.48
789			-12.7617	GY	0.62
789			-15.5977	GY	0.76
789			-18.4336	GY	0.90
789			-21.2695	GY	1.03
789			-21.2695	GY	1.17
789			-18.4336	GY	1.30
789			-15.5977	GY	1.44
789			-12.7617	GY	1.58
789			-9.9258	GY	1.72
789			-7.0898	GY	1.85
789			-4.2539	GY	1.99
789			-1.4180	GY	2.11
736			-4.6055	GY	0.02
736			-4.8164	GY	0.06
736			-5.0273	GY	0.09
736			-5.2383	GY	0.13
736			-5.4492	GY	0.17
736			-5.6601	GY	0.21
736			-5.8711	GY	0.24
736			-6.0820	GY	0.28
736	-165.0001	GY	0.30	1.40	
736			-21.2695	GY	1.47
736			-18.4336	GY	1.60
736			-15.5977	GY	1.74
736			-12.7617	GY	1.88
736			-9.9258	GY	2.02
736			-7.0898	GY	2.15
736			-4.2539	GY	2.29
736			-1.4180	GY	2.41
735			-0.7500	GY	0.07
735			-2.2500	GY	0.16
735			-3.7500	GY	0.25
735			-5.2500	GY	0.35
735			-6.7500	GY	0.45
735			-8.2500	GY	0.55
735			-9.7500	GY	0.65
735			-11.2500	GY	0.75
737			-2.6367	GY	0.13
737			-7.9102	GY	0.29

```
737                          -13.1836 GY   0.48
737                          -18.4570 GY   0.66
737                          -23.7305 GY   0.85
737                          -29.0039 GY   1.03
737                          -34.2774 GY   1.22
737                          -39.5508 GY   1.41
737  -225.0002 GY   1.50    1.80
737                          -39.5508 GY   1.89
737                          -34.2774 GY   2.08
737                          -29.0039 GY   2.27
737                          -23.7305 GY   2.45
737                          -18.4570 GY   2.64
737                          -13.1836 GY   2.83
737                           -7.9102 GY   3.01
737                           -2.6367 GY   3.18
769                           -2.6367 GY   0.13
769                           -7.9102 GY   0.29
769                          -13.1836 GY   0.48
769                          -18.4570 GY   0.66
769                          -23.7305 GY   0.85
769                          -29.0039 GY   1.03
769                          -34.2774 GY   1.22
769                          -39.5508 GY   1.41
769                          -39.5508 GY   1.59
769                          -34.2773 GY   1.78
769                          -29.0039 GY   1.97
769                          -23.7305 GY   2.15
769                          -18.4570 GY   2.34
769                          -13.1836 GY   2.53
769                           -7.9102 GY   2.71
769                           -2.6367 GY   2.87
742                           -2.6367 GY   0.13
742                           -7.9102 GY   0.29
742                          -13.1836 GY   0.48
742                          -18.4570 GY   0.66
742                          -23.7305 GY   0.85
742                          -29.0039 GY   1.03
742                          -34.2774 GY   1.22
742                          -39.5508 GY   1.41
742  -225.0000 GY   1.50    1.80
742                          -39.5508 GY   1.89
742                          -34.2774 GY   2.08
742                          -29.0039 GY   2.27
742                          -23.7305 GY   2.45
742                          -18.4570 GY   2.64
742                          -13.1836 GY   2.83
742                           -7.9102 GY   3.01
742                           -2.6367 GY   3.18
760                           -2.6367 GY   0.13
760                           -7.9102 GY   0.29
760                          -13.1836 GY   0.48
760                          -18.4570 GY   0.66
760                          -23.7305 GY   0.85
760                          -29.0039 GY   1.03
760                          -34.2774 GY   1.22
760                          -39.5508 GY   1.41
```

```
760                          -39.5508 GY   1.59
760                          -34.2773 GY   1.78
760                          -29.0039 GY   1.97
760                          -23.7305 GY   2.15
760                          -18.4570 GY   2.34
760                          -13.1836 GY   2.53
760                           -7.9102 GY   2.71
760                           -2.6367 GY   2.87
738                           -2.6367 GY   0.13
738                           -7.9102 GY   0.29
738                          -13.1836 GY   0.48
738                          -18.4571 GY   0.66
738                          -23.7305 GY   0.85
738                          -29.0039 GY   1.03
738                          -34.2774 GY   1.22
738                          -39.5508 GY   1.41
738  -225.0002 GY   1.50    1.60
738                          -39.5508 GY   1.69
738                          -34.2774 GY   1.88
738                          -29.0039 GY   2.07
738                          -23.7305 GY   2.25
738                          -18.4571 GY   2.44
738                          -13.1836 GY   2.62
738                           -7.9102 GY   2.81
738                           -2.6367 GY   2.97
777                           -2.6367 GY   0.13
777                           -7.9102 GY   0.29
777                          -13.1836 GY   0.48
777                          -18.4570 GY   0.66
777                          -23.7305 GY   0.85
777                          -29.0039 GY   1.03
777                          -34.2774 GY   1.22
777                          -39.5508 GY   1.41
777                          -39.5508 GY   1.59
777                          -34.2773 GY   1.78
777                          -29.0039 GY   1.97
777                          -23.7305 GY   2.15
777                          -18.4570 GY   2.34
777                          -13.1836 GY   2.53
777                           -7.9102 GY   2.71
777                           -2.6367 GY   2.87
743                           -2.6367 GY   0.13
743                           -7.9102 GY   0.29
743                          -13.1836 GY   0.48
743                          -18.4570 GY   0.66
743                          -23.7305 GY   0.85
743                          -29.0039 GY   1.03
743                          -34.2774 GY   1.22
743                          -39.5508 GY   1.41
743  -225.0000 GY   1.50    1.60
743                          -39.5508 GY   1.69
743                          -34.2774 GY   1.88
743                          -29.0039 GY   2.07
743                          -23.7305 GY   2.25
743                          -18.4570 GY   2.44
743                          -13.1836 GY   2.62
```

743			-7.9102	GY	2.81
743			-2.6367	GY	2.97
769			-2.6367	GY	0.13
769			-7.9102	GY	0.29
769			-13.1836	GY	0.48
769			-18.4570	GY	0.66
769			-23.7305	GY	0.85
769			-29.0039	GY	1.03
769			-34.2774	GY	1.22
769			-39.5508	GY	1.41
769			-39.5508	GY	1.59
769			-34.2773	GY	1.78
769			-29.0039	GY	1.97
769			-23.7305	GY	2.15
769			-18.4570	GY	2.34
769			-13.1836	GY	2.53
769			-7.9102	GY	2.71
769			-2.6367	GY	2.87
739			-2.4639	GY	0.12
739			-7.3916	GY	0.28
739			-12.3193	GY	0.46
739			-17.2471	GY	0.64
739			-22.1748	GY	0.82
739			-27.1025	GY	1.00
739			-32.0303	GY	1.18
739			-36.9580	GY	1.36
739			-36.9580	GY	1.54
739			-32.0303	GY	1.72
739			-27.1025	GY	1.90
739			-22.1748	GY	2.08
739			-17.2471	GY	2.26
739			-12.3193	GY	2.44
739			-7.3916	GY	2.62
739			-2.4639	GY	2.78
783			-2.4639	GY	0.12
783			-7.3916	GY	0.28
783			-12.3193	GY	0.46
783			-17.2471	GY	0.64
783			-22.1748	GY	0.82
783			-27.1025	GY	1.00
783			-32.0302	GY	1.18
783			-36.9580	GY	1.36
783	-217.4999	GY	1.45	1.55	
783			-36.9579	GY	1.64
783			-32.0302	GY	1.82
783			-27.1025	GY	2.00
783			-22.1748	GY	2.18
783			-17.2470	GY	2.36
783			-12.3193	GY	2.54
783			-7.3916	GY	2.72
783			-2.4639	GY	2.88
744			-2.4639	GY	0.12
744			-7.3916	GY	0.28
744			-12.3193	GY	0.46
744			-17.2471	GY	0.64
744			-22.1748	GY	0.82

```
744                          -27.1025 GY   1.00
744                          -32.0303 GY   1.18
744                          -36.9580 GY   1.36
744                          -36.9580 GY   1.54
744                          -32.0302 GY   1.72
744                          -27.1025 GY   1.90
744                          -22.1748 GY   2.08
744                          -17.2471 GY   2.26
744                          -12.3193 GY   2.44
744                           -7.3916 GY   2.62
744                           -2.4639 GY   2.78
777                           -2.4639 GY   0.12
777                           -7.3916 GY   0.28
777                          -12.3193 GY   0.46
777                          -17.2471 GY   0.64
777                          -22.1748 GY   0.82
777                          -27.1025 GY   1.00
777                          -32.0303 GY   1.18
777                          -36.9580 GY   1.36
777  -217.5000 GY   1.45    1.55
777                          -36.9580 GY   1.64
777                          -32.0302 GY   1.82
777                          -27.1025 GY   2.00
777                          -22.1748 GY   2.18
777                          -17.2470 GY   2.36
777                          -12.3193 GY   2.54
777                           -7.3916 GY   2.72
777                           -2.4639 GY   2.88
740                           -2.6367 GY   0.12
740                           -7.9102 GY   0.29
740                          -13.1836 GY   0.47
740                          -18.4570 GY   0.66
740                          -23.7305 GY   0.85
740                          -29.0039 GY   1.03
740                          -34.2774 GY   1.22
740                          -39.5508 GY   1.41
740  -225.0002 GY   1.50    1.60
740                          -39.5508 GY   1.69
740                          -34.2774 GY   1.88
740                          -29.0039 GY   2.07
740                          -23.7305 GY   2.25
740                          -18.4570 GY   2.44
740                          -13.1836 GY   2.62
740                           -7.9102 GY   2.81
740                           -2.6367 GY   2.97
790                           -2.6367 GY   0.13
790                           -7.9102 GY   0.29
790                          -13.1836 GY   0.48
790                          -18.4570 GY   0.66
790                          -23.7305 GY   0.85
790                          -29.0039 GY   1.03
790                          -34.2774 GY   1.22
790                          -39.5508 GY   1.41
790                          -39.5508 GY   1.59
790                          -34.2773 GY   1.78
790                          -29.0039 GY   1.97
```

```
790                          -23.7305 GY   2.15
790                          -18.4570 GY   2.34
790                          -13.1836 GY   2.53
790                           -7.9102 GY   2.71
790                           -2.6367 GY   2.87
745                           -2.6367 GY   0.12
745                           -7.9102 GY   0.29
745                          -13.1836 GY   0.47
745                          -18.4570 GY   0.66
745                          -23.7305 GY   0.85
745                          -29.0039 GY   1.03
745                          -34.2773 GY   1.22
745                          -39.5508 GY   1.41
745  -225.0000 GY   1.50    1.60
745                          -39.5508 GY   1.69
745                          -34.2773 GY   1.88
745                          -29.0039 GY   2.07
745                          -23.7305 GY   2.25
745                          -18.4570 GY   2.44
745                          -13.1836 GY   2.62
745                           -7.9102 GY   2.81
745                           -2.6367 GY   2.97
783                           -2.6367 GY   0.13
783                           -7.9102 GY   0.29
783                          -13.1836 GY   0.48
783                          -18.4570 GY   0.66
783                          -23.7305 GY   0.85
783                          -29.0039 GY   1.03
783                          -34.2774 GY   1.22
783                          -39.5508 GY   1.41
783                          -39.5508 GY   1.59
783                          -34.2773 GY   1.78
783                          -29.0039 GY   1.97
783                          -23.7305 GY   2.15
783                          -18.4570 GY   2.34
783                          -13.1836 GY   2.53
783                           -7.9102 GY   2.71
783                           -2.6367 GY   2.87
741                           -2.6367 GY   0.12
741                           -7.9102 GY   0.29
741                          -13.1836 GY   0.47
741                          -18.4570 GY   0.66
741                          -23.7305 GY   0.85
741                          -29.0039 GY   1.03
741                          -34.2774 GY   1.22
741                          -39.5508 GY   1.41
741  -225.0002 GY   1.50    1.80
741                          -39.5508 GY   1.89
741                          -34.2774 GY   2.08
741                          -29.0039 GY   2.27
741                          -23.7305 GY   2.45
741                          -18.4571 GY   2.64
741                          -13.1836 GY   2.82
741                           -7.9102 GY   3.01
741                           -2.6367 GY   3.18
798                           -2.6367 GY   0.12
```

```
798                          -7.9102 GY   0.29
798                         -13.1836 GY   0.47
798                         -18.4570 GY   0.66
798                         -23.7305 GY   0.85
798                         -29.0039 GY   1.03
798                         -34.2773 GY   1.22
798                         -39.5508 GY   1.41
798                         -39.5508 GY   1.59
798                         -34.2774 GY   1.78
798                         -29.0040 GY   1.97
798                         -23.7305 GY   2.15
798                         -18.4571 GY   2.34
798                         -13.1836 GY   2.52
798                          -7.9102 GY   2.71
798                          -2.6367 GY   2.87
746                          -2.6367 GY   0.12
746                          -7.9102 GY   0.29
746                         -13.1836 GY   0.47
746                         -18.4570 GY   0.66
746                         -23.7305 GY   0.85
746                         -29.0039 GY   1.03
746                         -34.2773 GY   1.22
746                         -39.5508 GY   1.41
746  -225.0000 GY   1.50    1.80
746                         -39.5508 GY   1.89
746                         -34.2774 GY   2.08
746                         -29.0039 GY   2.27
746                         -23.7305 GY   2.45
746                         -18.4570 GY   2.64
746                         -13.1836 GY   2.82
746                          -7.9102 GY   3.01
746                          -2.6367 GY   3.18
790                          -2.6367 GY   0.13
790                          -7.9102 GY   0.29
790                         -13.1836 GY   0.48
790                         -18.4570 GY   0.66
790                         -23.7305 GY   0.85
790                         -29.0039 GY   1.03
790                         -34.2774 GY   1.22
790                         -39.5508 GY   1.41
790                         -39.5508 GY   1.59
790                         -34.2773 GY   1.78
790                         -29.0039 GY   1.97
790                         -23.7305 GY   2.15
790                         -18.4570 GY   2.34
790                         -13.1836 GY   2.53
790                          -7.9102 GY   2.71
790                          -2.6367 GY   2.87
742                          -2.8154 GY   0.13
742                          -8.4463 GY   0.30
742                         -14.0771 GY   0.49
742                         -19.7080 GY   0.68
742                         -25.3388 GY   0.88
742                         -30.9697 GY   1.07
742                         -36.6006 GY   1.26
742                         -42.2314 GY   1.46
```

742	-232.4999 GY	1.55	1.75
742		-42.2314 GY	1.84
742		-36.6005 GY	2.04
742		-30.9697 GY	2.23
742		-25.3388 GY	2.42
742		-19.7080 GY	2.62
742		-14.0771 GY	2.81
742		-8.4463 GY	3.00
742		-2.8154 GY	3.17
770		-2.8154 GY	0.13
770		-8.4463 GY	0.30
770		-14.0771 GY	0.49
770		-19.7080 GY	0.68
770		-25.3388 GY	0.88
770		-30.9697 GY	1.07
770		-36.6005 GY	1.26
770		-42.2314 GY	1.46
770		-42.2314 GY	1.64
770		-36.6005 GY	1.84
770		-30.9697 GY	2.03
770		-25.3388 GY	2.22
770		-19.7080 GY	2.42
770		-14.0771 GY	2.61
770		-8.4463 GY	2.80
770		-2.8154 GY	2.97
747		-2.8154 GY	0.13
747		-8.4463 GY	0.30
747		-14.0771 GY	0.49
747		-19.7080 GY	0.68
747		-25.3388 GY	0.88
747		-30.9697 GY	1.07
747		-36.6006 GY	1.26
747		-42.2314 GY	1.46
747	-232.4999 GY	1.55	1.75
747		-42.2314 GY	1.84
747		-36.6005 GY	2.04
747		-30.9697 GY	2.23
747		-25.3388 GY	2.42
747		-19.7080 GY	2.62
747		-14.0771 GY	2.81
747		-8.4463 GY	3.00
747		-2.8154 GY	3.17
762		-7.1982 GY	0.09
762		-11.4697 GY	0.26
762		-15.7412 GY	0.43
762		-20.0127 GY	0.59
762		-24.2842 GY	0.76
762		-28.5556 GY	0.93
762		-32.8271 GY	1.10
762		-37.0986 GY	1.27
762		-42.2314 GY	1.44
762		-36.6006 GY	1.64
762		-30.9697 GY	1.83
762		-25.3388 GY	2.02
762		-19.7080 GY	2.22
762		-14.0771 GY	2.41

762	-8.4463	GY	2.60
762	-2.8154	GY	2.77
761	-0.0469	GY	0.02
761	-0.1406	GY	0.04
761	-0.2344	GY	0.06
761	-0.3281	GY	0.09
761	-0.4219	GY	0.11
761	-0.5156	GY	0.14
761	-0.6094	GY	0.16
761	-0.7031	GY	0.19
743	-2.8154	GY	0.13
743	-8.4463	GY	0.30
743	-14.0771	GY	0.49
743	-19.7080	GY	0.68
743	-25.3389	GY	0.88
743	-30.9697	GY	1.07
743	-36.6006	GY	1.26
743	-42.2314	GY	1.46
743	-42.2314	GY	1.64
743	-36.6006	GY	1.84
743	-30.9697	GY	2.03
743	-25.3389	GY	2.22
743	-19.7080	GY	2.42
743	-14.0771	GY	2.61
743	-8.4463	GY	2.80
743	-2.8154	GY	2.97
778	-2.8154	GY	0.13
778	-8.4463	GY	0.30
778	-14.0771	GY	0.49
778	-19.7080	GY	0.68
778	-25.3389	GY	0.88
778	-30.9697	GY	1.07
778	-36.6006	GY	1.26
778	-42.2314	GY	1.46
778	-42.2314	GY	1.64
778	-36.6006	GY	1.84
778	-30.9697	GY	2.03
778	-25.3389	GY	2.22
778	-19.7080	GY	2.42
778	-14.0771	GY	2.61
778	-8.4463	GY	2.80
778	-2.8154	GY	2.97
749	-11.4639	GY	0.04
749	-12.4541	GY	0.12
749	-13.4443	GY	0.20
749	-14.4346	GY	0.28
749	-15.4248	GY	0.37
749	-16.4150	GY	0.45
749	-17.4053	GY	0.53
749	-18.3955	GY	0.61
749	-42.2314	GY	0.74
749	-36.6006	GY	0.94
749	-30.9697	GY	1.13
749	-25.3389	GY	1.32
749	-19.7080	GY	1.52
749	-14.0771	GY	1.71

749			-8.4463	GY	1.90
749			-2.8154	GY	2.07
748			-0.9492	GY	0.08
748			-2.8477	GY	0.18
748			-4.7461	GY	0.29
748			-6.6445	GY	0.40
748			-8.5430	GY	0.51
748			-10.4414	GY	0.62
748			-12.3398	GY	0.73
748			-14.2383	GY	0.85
770			-2.8154	GY	0.13
770			-8.4463	GY	0.30
770			-14.0771	GY	0.49
770			-19.7080	GY	0.68
770			-25.3389	GY	0.88
770			-30.9697	GY	1.07
770			-36.6006	GY	1.26
770			-42.2314	GY	1.46
770			-42.2314	GY	1.64
770			-36.6006	GY	1.84
770			-30.9697	GY	2.03
770			-25.3389	GY	2.22
770			-19.7080	GY	2.42
770			-14.0771	GY	2.61
770			-8.4463	GY	2.80
770			-2.8154	GY	2.97
744			-2.4639	GY	0.12
744			-7.3916	GY	0.28
744			-12.3193	GY	0.46
744			-17.2471	GY	0.64
744			-22.1748	GY	0.82
744			-27.1026	GY	1.00
744			-32.0303	GY	1.18
744			-36.9580	GY	1.36
744			-36.9580	GY	1.54
744			-32.0303	GY	1.72
744			-27.1025	GY	1.90
744			-22.1748	GY	2.08
744			-17.2471	GY	2.26
744			-12.3193	GY	2.44
744			-7.3916	GY	2.62
744			-2.4639	GY	2.78
784			-2.4639	GY	0.12
784			-7.3916	GY	0.28
784			-12.3193	GY	0.46
784			-17.2471	GY	0.64
784			-22.1748	GY	0.82
784			-27.1026	GY	1.00
784			-32.0303	GY	1.18
784			-36.9580	GY	1.36
784	-217.4999	GY 1.45	1.65		
784			-36.9580	GY	1.74
784			-32.0302	GY	1.92
784			-27.1025	GY	2.10
784			-22.1748	GY	2.28
784			-17.2471	GY	2.46

784			-12.3193 GY	2.64	
784			-7.3916 GY	2.82	
784			-2.4639 GY	2.98	
750			-2.4639 GY	0.12	
750			-7.3916 GY	0.28	
750			-12.3193 GY	0.46	
750			-17.2471 GY	0.64	
750			-22.1748 GY	0.82	
750			-27.1025 GY	1.00	
750			-32.0303 GY	1.18	
750			-36.9580 GY	1.36	
750			-36.9580 GY	1.54	
750			-32.0302 GY	1.72	
750			-27.1025 GY	1.90	
750			-22.1748 GY	2.08	
750			-17.2471 GY	2.26	
750			-12.3193 GY	2.44	
750			-7.3916 GY	2.62	
750			-2.4639 GY	2.78	
778			-2.4639 GY	0.12	
778			-7.3916 GY	0.28	
778			-12.3193 GY	0.46	
778			-17.2471 GY	0.64	
778			-22.1748 GY	0.82	
778			-27.1026 GY	1.00	
778			-32.0303 GY	1.18	
778			-36.9580 GY	1.36	
778	-217.5000 GY	1.45	1.65		
778			-36.9580 GY	1.74	
778			-32.0303 GY	1.92	
778			-27.1025 GY	2.10	
778			-22.1748 GY	2.28	
778			-17.2471 GY	2.46	
778			-12.3193 GY	2.64	
778			-7.3916 GY	2.82	
778			-2.4639 GY	2.98	
745			-2.8154 GY	0.13	
745			-8.4463 GY	0.30	
745			-14.0771 GY	0.49	
745			-19.7080 GY	0.68	
745			-25.3389 GY	0.88	
745			-30.9697 GY	1.07	
745			-36.6006 GY	1.26	
745			-42.2314 GY	1.46	
745			-42.2314 GY	1.64	
745			-36.6006 GY	1.84	
745			-30.9697 GY	2.03	
745			-25.3389 GY	2.22	
745			-19.7080 GY	2.42	
745			-14.0771 GY	2.61	
745			-8.4463 GY	2.80	
745			-2.8154 GY	2.97	
791			-2.8154 GY	0.13	
791			-8.4463 GY	0.30	
791			-14.0771 GY	0.49	
791			-19.7080 GY	0.68	

791			-25.3389 GY	0.88
791			-30.9697 GY	1.07
791			-36.6006 GY	1.26
791			-42.2314 GY	1.46
791			-42.2314 GY	1.64
791			-36.6006 GY	1.84
791			-30.9697 GY	2.03
791			-25.3389 GY	2.22
791			-19.7080 GY	2.42
791			-14.0771 GY	2.61
791			-8.4463 GY	2.80
791			-2.8154 GY	2.97
751			-2.8154 GY	0.13
751			-8.4463 GY	0.30
751			-14.0771 GY	0.49
751			-19.7080 GY	0.68
751			-25.3389 GY	0.88
751			-30.9697 GY	1.07
751			-36.6006 GY	1.26
751			-42.2314 GY	1.46
751			-42.2314 GY	1.64
751			-36.6006 GY	1.84
751			-30.9697 GY	2.03
751			-25.3389 GY	2.22
751			-19.7080 GY	2.42
751			-14.0771 GY	2.61
751			-8.4463 GY	2.80
751			-2.8154 GY	2.97
784			-2.8154 GY	0.13
784			-8.4463 GY	0.30
784			-14.0771 GY	0.49
784			-19.7080 GY	0.68
784			-25.3389 GY	0.88
784			-30.9697 GY	1.07
784			-36.6006 GY	1.26
784			-42.2314 GY	1.46
784			-42.2314 GY	1.64
784			-36.6006 GY	1.84
784			-30.9697 GY	2.03
784			-25.3389 GY	2.22
784			-19.7080 GY	2.42
784			-14.0771 GY	2.61
784			-8.4463 GY	2.80
784			-2.8154 GY	2.97
746			-2.8154 GY	0.13
746			-8.4463 GY	0.30
746			-14.0771 GY	0.49
746			-19.7080 GY	0.68
746			-25.3388 GY	0.88
746			-30.9697 GY	1.07
746			-36.6006 GY	1.26
746			-42.2314 GY	1.46
746	-232.4999 GY	1.55	1.75	
746			-42.2314 GY	1.84
746			-36.6006 GY	2.04
746			-30.9697 GY	2.23

746			-25.3389	GY	2.42
746			-19.7080	GY	2.62
746			-14.0771	GY	2.81
746			-8.4463	GY	3.00
746			-2.8154	GY	3.17
799			-0.0469	GY	0.02
799			-0.1406	GY	0.04
799			-0.2344	GY	0.06
799			-0.3281	GY	0.09
799			-0.4219	GY	0.11
799			-0.5156	GY	0.14
799			-0.6094	GY	0.16
799			-0.7031	GY	0.19
800			-7.1982	GY	0.09
800			-11.4697	GY	0.26
800			-15.7412	GY	0.43
800			-20.0126	GY	0.59
800			-24.2841	GY	0.76
800			-28.5556	GY	0.93
800			-32.8271	GY	1.10
800			-37.0986	GY	1.27
800			-42.2315	GY	1.44
800			-36.6006	GY	1.64
800			-30.9698	GY	1.83
800			-25.3389	GY	2.02
800			-19.7080	GY	2.22
800			-14.0772	GY	2.41
800			-8.4463	GY	2.60
800			-2.8154	GY	2.77
752			-2.8154	GY	0.13
752			-8.4463	GY	0.30
752			-14.0771	GY	0.49
752			-19.7080	GY	0.68
752			-25.3388	GY	0.88
752			-30.9697	GY	1.07
752			-36.6006	GY	1.26
752			-42.2314	GY	1.46
752	-232.4999	GY 1.55	1.75		
752			-42.2314	GY	1.84
752			-36.6006	GY	2.04
752			-30.9697	GY	2.23
752			-25.3389	GY	2.42
752			-19.7080	GY	2.62
752			-14.0771	GY	2.81
752			-8.4463	GY	3.00
752			-2.8154	GY	3.17
791			-2.8154	GY	0.13
791			-8.4463	GY	0.30
791			-14.0771	GY	0.49
791			-19.7080	GY	0.68
791			-25.3389	GY	0.88
791			-30.9697	GY	1.07
791			-36.6006	GY	1.26
791			-42.2314	GY	1.46
791			-42.2314	GY	1.64
791			-36.6006	GY	1.84

```
791                          -30.9697 GY   2.03
791                          -25.3389 GY   2.22
791                          -19.7080 GY   2.42
791                          -14.0771 GY   2.61
791                           -8.4463 GY   2.80
791                           -2.8154 GY   2.97
801                           -0.9492 GY   0.08
801                           -2.8477 GY   0.17
801                           -4.7461 GY   0.28
801                           -6.6445 GY   0.40
801                           -8.5430 GY   0.51
801                          -10.4414 GY   0.62
801                          -12.3399 GY   0.73
801                          -14.2383 GY   0.84
801                          -14.2383 GY   0.95
801                          -12.3399 GY   1.07
801                          -10.4414 GY   1.18
801                           -8.5430 GY   1.29
801                           -6.6445 GY   1.40
801                           -4.7461 GY   1.51
801                           -2.8477 GY   1.62
801                           -0.9492 GY   1.72
812                           -0.9492 GY   0.08
812                           -2.8477 GY   0.18
812                           -4.7461 GY   0.29
812                           -6.6445 GY   0.40
812                           -8.5430 GY   0.51
812                          -10.4414 GY   0.62
812                          -12.3399 GY   0.73
812                          -14.2383 GY   0.85
812  -135.0000 GY   0.90    1.30
812                          -14.2383 GY   1.36
812                          -12.3398 GY   1.47
812                          -10.4414 GY   1.58
812                           -8.5430 GY   1.69
812                           -6.6445 GY   1.80
812                           -4.7461 GY   1.91
812                           -2.8477 GY   2.02
812                           -0.9492 GY   2.12
806                           -0.9492 GY   0.08
806                           -2.8477 GY   0.17
806                           -4.7461 GY   0.28
806                           -6.6445 GY   0.40
806                           -8.5430 GY   0.51
806                          -10.4414 GY   0.62
806                          -12.3398 GY   0.73
806                          -14.2383 GY   0.84
806                          -14.2383 GY   0.95
806                          -12.3398 GY   1.07
806                          -10.4414 GY   1.18
806                           -8.5430 GY   1.29
806                           -6.6445 GY   1.40
806                           -4.7461 GY   1.51
806                           -2.8477 GY   1.62
806                           -0.9492 GY   1.72
811                           -0.9492 GY   0.08
```

```
811                          -2.8477 GY   0.18
811                          -4.7461 GY   0.29
811                          -6.6445 GY   0.40
811                          -8.5430 GY   0.51
811                         -10.4414 GY   0.62
811                         -12.3399 GY   0.73
811                         -14.2383 GY   0.85
811  -135.0000 GY   0.90    1.30
811                         -14.2383 GY   1.36
811                         -12.3398 GY   1.47
811                         -10.4414 GY   1.58
811                          -8.5430 GY   1.69
811                          -6.6445 GY   1.80
811                          -4.7461 GY   1.91
811                          -2.8477 GY   2.02
811                          -0.9492 GY   2.12
802                          -1.4180 GY   0.09
802                          -4.2539 GY   0.21
802                          -7.0898 GY   0.35
802                          -9.9258 GY   0.48
802                         -12.7617 GY   0.62
802                         -15.5977 GY   0.76
802                         -18.4336 GY   0.90
802                         -21.2695 GY   1.03
802  -165.0001 GY   1.10    1.30
802                         -21.2695 GY   1.37
802                         -18.4336 GY   1.50
802                         -15.5977 GY   1.64
802                         -12.7617 GY   1.78
802                          -9.9258 GY   1.92
802                          -7.0898 GY   2.05
802                          -4.2539 GY   2.19
802                          -1.4180 GY   2.31
813                          -1.4180 GY   0.09
813                          -4.2539 GY   0.21
813                          -7.0898 GY   0.35
813                          -9.9258 GY   0.48
813                         -12.7617 GY   0.62
813                         -15.5977 GY   0.76
813                         -18.4336 GY   0.90
813                         -21.2695 GY   1.03
813                         -21.2695 GY   1.17
813                         -18.4336 GY   1.30
813                         -15.5976 GY   1.44
813                         -12.7617 GY   1.58
813                          -9.9258 GY   1.72
813                          -7.0898 GY   1.85
813                          -4.2539 GY   1.99
813                          -1.4180 GY   2.11
807                          -1.4180 GY   0.09
807                          -4.2539 GY   0.21
807                          -7.0898 GY   0.35
807                          -9.9258 GY   0.48
807                         -12.7617 GY   0.62
807                         -15.5976 GY   0.76
807                         -18.4336 GY   0.90
```

```
807                          -21.2695 GY   1.03
807  -164.9999 GY   1.10    1.30
807                          -21.2695 GY   1.37
807                          -18.4336 GY   1.50
807                          -15.5976 GY   1.64
807                          -12.7617 GY   1.78
807                           -9.9258 GY   1.92
807                           -7.0898 GY   2.05
807                           -4.2539 GY   2.19
807                           -1.4180 GY   2.31
812                           -1.4180 GY   0.09
812                           -4.2539 GY   0.21
812                           -7.0898 GY   0.35
812                           -9.9258 GY   0.48
812                          -12.7617 GY   0.62
812                          -15.5977 GY   0.76
812                          -18.4336 GY   0.90
812                          -21.2695 GY   1.03
812                          -21.2695 GY   1.17
812                          -18.4336 GY   1.30
812                          -15.5976 GY   1.44
812                          -12.7617 GY   1.58
812                           -9.9258 GY   1.72
812                           -7.0898 GY   1.85
812                           -4.2539 GY   1.99
812                           -1.4180 GY   2.11
803  -224.9999 GY   1.50    7.30
803                           -2.6367 GY   0.12
803                           -7.9101 GY   0.29
803                          -13.1836 GY   0.47
803                          -18.4570 GY   0.66
803                          -23.7304 GY   0.85
803                          -29.0039 GY   1.03
803                          -34.2773 GY   1.22
803                          -39.5507 GY   1.41
804  -224.9999 GY   0.00    0.20
804                          -39.5507 GY   0.29
804                          -34.2773 GY   0.48
804                          -29.0039 GY   0.67
804                          -23.7304 GY   0.85
804                          -18.4570 GY   1.04
804                          -13.1836 GY   1.23
804                           -7.9101 GY   1.41
804                           -2.6367 GY   1.58
815                           -2.6367 GY   0.12
815                           -7.9102 GY   0.29
815                          -13.1836 GY   0.47
815                          -18.4570 GY   0.66
815                          -23.7305 GY   0.85
815                          -29.0039 GY   1.03
815                          -34.2773 GY   1.22
815                          -39.5508 GY   1.41
815                          -39.5508 GY   1.59
815                          -34.2774 GY   1.78
815                          -29.0039 GY   1.97
815                          -23.7305 GY   2.15
```

815			-18.4570	GY	2.34
815			-13.1836	GY	2.52
815			-7.9102	GY	2.71
815			-2.6367	GY	2.87
809			-11.2500	GY	0.05
809			-9.7500	GY	0.15
809			-8.2500	GY	0.25
809			-6.7500	GY	0.35
809			-5.2500	GY	0.45
809			-3.7500	GY	0.55
809			-2.2500	GY	0.64
809			-0.7500	GY	0.73
808			-2.6367	GY	0.12
808			-7.9102	GY	0.29
808			-13.1836	GY	0.47
808			-18.4570	GY	0.66
808			-23.7305	GY	0.85
808			-29.0039	GY	1.03
808			-34.2773	GY	1.22
808			-39.5508	GY	1.41
808	-225.0000	GY	1.50	7.50	
808			-19.1133	GY	7.54
808			-17.9648	GY	7.63
808			-16.8164	GY	7.72
808			-15.6680	GY	7.81
808			-14.5195	GY	7.89
808			-13.3711	GY	7.98
808			-12.2227	GY	8.07
808			-11.0742	GY	8.16
814			-11.2500	GY	0.05
814			-9.7500	GY	0.15
814			-8.2500	GY	0.25
814			-6.7500	GY	0.35
814			-5.2500	GY	0.45
814			-3.7500	GY	0.55
814			-2.2500	GY	0.64
814			-0.7500	GY	0.73
813			-2.6367	GY	0.12
813			-7.9101	GY	0.29
813			-13.1836	GY	0.47
813			-18.4570	GY	0.66
813			-23.7304	GY	0.85
813			-29.0039	GY	1.03
813			-34.2773	GY	1.22
813			-39.5507	GY	1.41
813			-19.1133	GY	1.54
813			-17.9649	GY	1.63
813			-16.8164	GY	1.72
813			-15.6680	GY	1.81
813			-14.5195	GY	1.89
813			-13.3711	GY	1.98
813			-12.2227	GY	2.07
813			-11.0742	GY	2.16
805			-1.8311	GY	0.10
805			-5.4932	GY	0.24
805			-9.1553	GY	0.40

```
805                          -12.8174 GY   0.55
805                          -16.4795 GY   0.71
805                          -20.1416 GY   0.86
805                          -23.8037 GY   1.02
805                          -27.4658 GY   1.17
805                          -27.4658 GY   1.33
805                          -23.8037 GY   1.48
805                          -20.1416 GY   1.64
805                          -16.4795 GY   1.79
805                          -12.8174 GY   1.95
805                           -9.1553 GY   2.10
805                           -5.4932 GY   2.26
805                           -1.8311 GY   2.40
816                           -1.8311 GY   0.10
816                           -5.4932 GY   0.24
816                           -9.1553 GY   0.40
816                          -12.8174 GY   0.55
816                          -16.4795 GY   0.71
816                          -20.1416 GY   0.86
816                          -23.8037 GY   1.02
816                          -27.4658 GY   1.17
816  -187.5000 GY   1.25    1.75
816                          -27.4658 GY   1.83
816                          -23.8037 GY   1.98
816                          -20.1416 GY   2.14
816                          -16.4795 GY   2.29
816                          -12.8174 GY   2.45
816                           -9.1553 GY   2.60
816                           -5.4932 GY   2.76
816                           -1.8311 GY   2.90
810                           -1.8311 GY   0.10
810                           -5.4932 GY   0.24
810                           -9.1553 GY   0.40
810                          -12.8174 GY   0.55
810                          -16.4795 GY   0.71
810                          -20.1416 GY   0.86
810                          -23.8037 GY   1.02
810                          -27.4658 GY   1.17
810                          -27.4658 GY   1.33
810                          -23.8037 GY   1.48
810                          -20.1416 GY   1.64
810                          -16.4795 GY   1.79
810                          -12.8174 GY   1.95
810                           -9.1553 GY   2.10
810                           -5.4932 GY   2.26
810                           -1.8311 GY   2.40
815                           -1.8311 GY   0.10
815                           -5.4932 GY   0.24
815                           -9.1553 GY   0.40
815                          -12.8174 GY   0.55
815                          -16.4795 GY   0.71
815                          -20.1416 GY   0.86
815                          -23.8037 GY   1.02
815                          -27.4658 GY   1.17
815  -187.4999 GY   1.25    1.75
815                          -27.4658 GY   1.83
```

815			-23.8037	GY	1.98		
815			-20.1416	GY	2.14		
815			-16.4795	GY	2.29		
815			-12.8174	GY	2.45		
815			-9.1553	GY	2.60		
815			-5.4932	GY	2.76		
815			-1.8311	GY	2.90		

MEMBER LOAD - UNIT KG METE

MEMBER	UDL	L1	L2	CON		L	LIN1	LIN2
317				-0.5645	GY	0.07		
317				-1.6934	GY	0.17		
317				-2.8223	GY	0.27		
317				-3.9512	GY	0.37		
317				-5.0801	GY	0.48		
317				-6.2090	GY	0.59		
317				-7.3379	GY	0.69		
317				-8.4668	GY	0.80		
317				-8.4668	GY	0.90		
317				-7.3379	GY	1.01		
317				-6.2090	GY	1.11		
317				-5.0801	GY	1.22		
317				-3.9512	GY	1.33		
317				-2.8223	GY	1.43		
317				-1.6934	GY	1.53		
317				-0.5645	GY	1.63		
376				-0.5645	GY	0.07		
376				-1.6934	GY	0.17		
376				-2.8223	GY	0.27		
376				-3.9512	GY	0.37		
376				-5.0801	GY	0.48		
376				-6.2090	GY	0.59		
376				-7.3379	GY	0.69		
376				-8.4668	GY	0.80		
376	-85.0000	GY	0.85	2.15				
376				-8.4668	GY	2.20		
376				-7.3379	GY	2.31		
376				-6.2090	GY	2.41		
376				-5.0801	GY	2.52		
376				-3.9512	GY	2.63		
376				-2.8223	GY	2.73		
376				-1.6934	GY	2.83		
376				-0.5645	GY	2.93		
324				-7.5000	GY	0.05		
324				-6.5000	GY	0.15		
324				-5.5000	GY	0.25		
324				-4.5000	GY	0.35		
324				-3.5000	GY	0.45		
324				-2.5000	GY	0.55		
324				-1.5000	GY	0.64		
324				-0.5000	GY	0.73		
323				-0.5645	GY	0.07		
323				-1.6934	GY	0.17		

323			-2.8223	GY	0.27
323			-3.9512	GY	0.37
323			-5.0801	GY	0.48
323			-6.2090	GY	0.59
323			-7.3379	GY	0.69
323			-8.4668	GY	0.80
323			-0.5293	GY	0.85
323			-0.5254	GY	0.86
323			-0.5215	GY	0.87
323			-0.5176	GY	0.87
323			-0.5137	GY	0.88
323			-0.5098	GY	0.88
323			-0.5059	GY	0.89
323			-0.5019	GY	0.90
372			-0.5645	GY	0.07
372			-1.6934	GY	0.17
372			-2.8223	GY	0.27
372			-3.9512	GY	0.37
372			-5.0801	GY	0.48
372			-6.2090	GY	0.59
372			-7.3379	GY	0.69
372			-8.4668	GY	0.80
372	-85.0000	GY	0.85	2.15	
372			-8.4668	GY	2.20
372			-7.3379	GY	2.31
372			-6.2090	GY	2.41
372			-5.0801	GY	2.52
372			-3.9512	GY	2.63
372			-2.8223	GY	2.73
372			-1.6934	GY	2.83
372			-0.5645	GY	2.93
318			-1.2207	GY	0.10
318			-3.6621	GY	0.24
318			-6.1035	GY	0.40
318			-8.5449	GY	0.55
318			-10.9863	GY	0.71
318			-13.4277	GY	0.86
318			-15.8691	GY	1.02
318			-18.3105	GY	1.17
318			-18.3105	GY	1.33
318			-15.8691	GY	1.48
318			-13.4277	GY	1.64
318			-10.9863	GY	1.79
318			-8.5449	GY	1.95
318			-6.1035	GY	2.10
318			-3.6621	GY	2.26
318			-1.2207	GY	2.40
380			-1.2207	GY	0.10
380			-3.6621	GY	0.24
380			-6.1035	GY	0.40
380			-8.5449	GY	0.55
380			-10.9863	GY	0.71
380			-13.4277	GY	0.86
380			-15.8691	GY	1.02
380			-18.3105	GY	1.17
380	-125.0000	GY	1.25	1.75	

380			-18.3106	GY	1.83
380			-15.8691	GY	1.98
380			-13.4277	GY	2.14
380			-10.9863	GY	2.29
380			-8.5449	GY	2.45
380			-6.1035	GY	2.60
380			-3.6621	GY	2.76
380			-1.2207	GY	2.90
325			-1.2207	GY	0.10
325			-3.6621	GY	0.24
325			-6.1035	GY	0.40
325			-8.5449	GY	0.55
325			-10.9863	GY	0.71
325			-13.4277	GY	0.86
325			-15.8691	GY	1.02
325			-18.3105	GY	1.17
325			-18.3105	GY	1.33
325			-15.8691	GY	1.48
325			-13.4277	GY	1.64
325			-10.9863	GY	1.79
325			-8.5449	GY	1.95
325			-6.1035	GY	2.10
325			-3.6621	GY	2.26
325			-1.2207	GY	2.40
376			-1.2207	GY	0.10
376			-3.6621	GY	0.24
376			-6.1035	GY	0.40
376			-8.5449	GY	0.55
376			-10.9863	GY	0.71
376			-13.4277	GY	0.86
376			-15.8691	GY	1.02
376			-18.3105	GY	1.17
376	-124.9999	GY	1.25	1.75	
376			-18.3105	GY	1.83
376			-15.8691	GY	1.98
376			-13.4277	GY	2.14
376			-10.9863	GY	2.29
376			-8.5449	GY	2.45
376			-6.1035	GY	2.60
376			-3.6621	GY	2.76
376			-1.2207	GY	2.90
417			-0.5645	GY	0.07
417			-1.6934	GY	0.17
417			-2.8223	GY	0.27
417			-3.9512	GY	0.37
417			-5.0801	GY	0.48
417			-6.2090	GY	0.59
417			-7.3379	GY	0.69
417			-8.4668	GY	0.80
417			-8.4668	GY	0.90
417			-7.3379	GY	1.01
417			-6.2090	GY	1.11
417			-5.0801	GY	1.22
417			-3.9512	GY	1.33
417			-2.8223	GY	1.43
417			-1.6934	GY	1.53

```
417                          -0.5645 GY   1.63
476                          -0.5645 GY   0.07
476                          -1.6934 GY   0.17
476                          -2.8223 GY   0.27
476                          -3.9512 GY   0.37
476                          -5.0801 GY   0.48
476                          -6.2090 GY   0.59
476                          -7.3379 GY   0.69
476                          -8.4668 GY   0.80
476   -85.0000 GY   0.85    2.15
476                          -8.4668 GY   2.20
476                          -7.3379 GY   2.31
476                          -6.2090 GY   2.41
476                          -5.0801 GY   2.52
476                          -3.9512 GY   2.63
476                          -2.8223 GY   2.73
476                          -1.6934 GY   2.83
476                          -0.5645 GY   2.93
424                          -7.5000 GY   0.05
424                          -6.5000 GY   0.15
424                          -5.5000 GY   0.25
424                          -4.5000 GY   0.35
424                          -3.5000 GY   0.45
424                          -2.5000 GY   0.55
424                          -1.5000 GY   0.64
424                          -0.5000 GY   0.73
423                          -0.5645 GY   0.07
423                          -1.6934 GY   0.17
423                          -2.8223 GY   0.27
423                          -3.9512 GY   0.37
423                          -5.0801 GY   0.48
423                          -6.2090 GY   0.59
423                          -7.3379 GY   0.69
423                          -8.4668 GY   0.80
423                          -0.5293 GY   0.85
423                          -0.5254 GY   0.86
423                          -0.5215 GY   0.87
423                          -0.5176 GY   0.87
423                          -0.5137 GY   0.88
423                          -0.5098 GY   0.88
423                          -0.5059 GY   0.89
423                          -0.5019 GY   0.90
472                          -0.5645 GY   0.07
472                          -1.6934 GY   0.17
472                          -2.8223 GY   0.27
472                          -3.9512 GY   0.37
472                          -5.0801 GY   0.48
472                          -6.2090 GY   0.59
472                          -7.3379 GY   0.69
472                          -8.4668 GY   0.80
472   -85.0000 GY   0.85    2.15
472                          -8.4668 GY   2.20
472                          -7.3379 GY   2.31
472                          -6.2090 GY   2.41
472                          -5.0801 GY   2.52
472                          -3.9512 GY   2.63
```

472			-2.8223	GY	2.73
472			-1.6934	GY	2.83
472			-0.5645	GY	2.93
418			-1.2207	GY	0.10
418			-3.6621	GY	0.24
418			-6.1035	GY	0.40
418			-8.5449	GY	0.55
418			-10.9863	GY	0.71
418			-13.4277	GY	0.86
418			-15.8691	GY	1.02
418			-18.3105	GY	1.17
418			-18.3105	GY	1.33
418			-15.8691	GY	1.48
418			-13.4277	GY	1.64
418			-10.9863	GY	1.79
418			-8.5449	GY	1.95
418			-6.1035	GY	2.10
418			-3.6621	GY	2.26
418			-1.2207	GY	2.40
480			-1.2207	GY	0.10
480			-3.6621	GY	0.24
480			-6.1035	GY	0.40
480			-8.5449	GY	0.55
480			-10.9863	GY	0.71
480			-13.4277	GY	0.86
480			-15.8691	GY	1.02
480			-18.3105	GY	1.17
480	-125.0000	GY	1.25	1.75	
480			-18.3106	GY	1.83
480			-15.8691	GY	1.98
480			-13.4277	GY	2.14
480			-10.9863	GY	2.29
480			-8.5449	GY	2.45
480			-6.1035	GY	2.60
480			-3.6621	GY	2.76
480			-1.2207	GY	2.90
425			-1.2207	GY	0.10
425			-3.6621	GY	0.24
425			-6.1035	GY	0.40
425			-8.5449	GY	0.55
425			-10.9863	GY	0.71
425			-13.4277	GY	0.86
425			-15.8691	GY	1.02
425			-18.3105	GY	1.17
425			-18.3105	GY	1.33
425			-15.8691	GY	1.48
425			-13.4277	GY	1.64
425			-10.9863	GY	1.79
425			-8.5449	GY	1.95
425			-6.1035	GY	2.10
425			-3.6621	GY	2.26
425			-1.2207	GY	2.40
476			-1.2207	GY	0.10
476			-3.6621	GY	0.24
476			-6.1035	GY	0.40
476			-8.5449	GY	0.55

476			-10.9863	GY	0.71
476			-13.4277	GY	0.86
476			-15.8691	GY	1.02
476			-18.3105	GY	1.17
476	-124.9999	GY	1.25	1.75	
476			-18.3105	GY	1.83
476			-15.8691	GY	1.98
476			-13.4277	GY	2.14
476			-10.9863	GY	2.29
476			-8.5449	GY	2.45
476			-6.1035	GY	2.60
476			-3.6621	GY	2.76
476			-1.2207	GY	2.90
517			-0.5645	GY	0.07
517			-1.6934	GY	0.17
517			-2.8223	GY	0.27
517			-3.9512	GY	0.37
517			-5.0801	GY	0.48
517			-6.2090	GY	0.59
517			-7.3379	GY	0.69
517			-8.4668	GY	0.80
517			-8.4668	GY	0.90
517			-7.3379	GY	1.01
517			-6.2090	GY	1.11
517			-5.0801	GY	1.22
517			-3.9512	GY	1.33
517			-2.8223	GY	1.43
517			-1.6934	GY	1.53
517			-0.5645	GY	1.63
576			-0.5645	GY	0.07
576			-1.6934	GY	0.17
576			-2.8223	GY	0.27
576			-3.9512	GY	0.37
576			-5.0801	GY	0.48
576			-6.2090	GY	0.59
576			-7.3379	GY	0.69
576			-8.4668	GY	0.80
576	-85.0000	GY	0.85	2.15	
576			-8.4668	GY	2.20
576			-7.3379	GY	2.31
576			-6.2090	GY	2.41
576			-5.0801	GY	2.52
576			-3.9512	GY	2.63
576			-2.8223	GY	2.73
576			-1.6934	GY	2.83
576			-0.5645	GY	2.93
524			-7.5000	GY	0.05
524			-6.5000	GY	0.15
524			-5.5000	GY	0.25
524			-4.5000	GY	0.35
524			-3.5000	GY	0.45
524			-2.5000	GY	0.55
524			-1.5000	GY	0.64
524			-0.5000	GY	0.73
523			-0.5645	GY	0.07
523			-1.6934	GY	0.17

```
523                          -2.8223 GY   0.27
523                          -3.9512 GY   0.37
523                          -5.0801 GY   0.48
523                          -6.2090 GY   0.59
523                          -7.3379 GY   0.69
523                          -8.4668 GY   0.80
523                          -0.5293 GY   0.85
523                          -0.5254 GY   0.86
523                          -0.5215 GY   0.87
523                          -0.5176 GY   0.87
523                          -0.5137 GY   0.88
523                          -0.5098 GY   0.88
523                          -0.5059 GY   0.89
523                          -0.5019 GY   0.90
572                          -0.5645 GY   0.07
572                          -1.6934 GY   0.17
572                          -2.8223 GY   0.27
572                          -3.9512 GY   0.37
572                          -5.0801 GY   0.48
572                          -6.2090 GY   0.59
572                          -7.3379 GY   0.69
572                          -8.4668 GY   0.80
572   -85.0000 GY   0.85    2.15
572                          -8.4668 GY   2.20
572                          -7.3379 GY   2.31
572                          -6.2090 GY   2.41
572                          -5.0801 GY   2.52
572                          -3.9512 GY   2.63
572                          -2.8223 GY   2.73
572                          -1.6934 GY   2.83
572                          -0.5645 GY   2.93
518                          -1.2207 GY   0.10
518                          -3.6621 GY   0.24
518                          -6.1035 GY   0.40
518                          -8.5449 GY   0.55
518                         -10.9863 GY   0.71
518                         -13.4277 GY   0.86
518                         -15.8691 GY   1.02
518                         -18.3105 GY   1.17
518                         -18.3105 GY   1.33
518                         -15.8691 GY   1.48
518                         -13.4277 GY   1.64
518                         -10.9863 GY   1.79
518                          -8.5449 GY   1.95
518                          -6.1035 GY   2.10
518                          -3.6621 GY   2.26
518                          -1.2207 GY   2.40
580                          -1.2207 GY   0.10
580                          -3.6621 GY   0.24
580                          -6.1035 GY   0.40
580                          -8.5449 GY   0.55
580                         -10.9863 GY   0.71
580                         -13.4277 GY   0.86
580                         -15.8691 GY   1.02
580                         -18.3105 GY   1.17
580  -125.0000 GY   1.25    1.75
```

```
580                          -18.3106 GY   1.83
580                          -15.8691 GY   1.98
580                          -13.4277 GY   2.14
580                          -10.9863 GY   2.29
580                           -8.5449 GY   2.45
580                           -6.1035 GY   2.60
580                           -3.6621 GY   2.76
580                           -1.2207 GY   2.90
525                           -1.2207 GY   0.10
525                           -3.6621 GY   0.24
525                           -6.1035 GY   0.40
525                           -8.5449 GY   0.55
525                          -10.9863 GY   0.71
525                          -13.4277 GY   0.86
525                          -15.8691 GY   1.02
525                          -18.3105 GY   1.17
525                          -18.3105 GY   1.33
525                          -15.8691 GY   1.48
525                          -13.4277 GY   1.64
525                          -10.9863 GY   1.79
525                           -8.5449 GY   1.95
525                           -6.1035 GY   2.10
525                           -3.6621 GY   2.26
525                           -1.2207 GY   2.40
576                           -1.2207 GY   0.10
576                           -3.6621 GY   0.24
576                           -6.1035 GY   0.40
576                           -8.5449 GY   0.55
576                          -10.9863 GY   0.71
576                          -13.4277 GY   0.86
576                          -15.8691 GY   1.02
576                          -18.3105 GY   1.17
576  -124.9999 GY   1.25    1.75
576                          -18.3105 GY   1.83
576                          -15.8691 GY   1.98
576                          -13.4277 GY   2.14
576                          -10.9863 GY   2.29
576                           -8.5449 GY   2.45
576                           -6.1035 GY   2.60
576                           -3.6621 GY   2.76
576                           -1.2207 GY   2.90
613                           -0.5645 GY   0.07
613                           -1.6934 GY   0.17
613                           -2.8223 GY   0.27
613                           -3.9512 GY   0.37
613                           -5.0801 GY   0.48
613                           -6.2090 GY   0.59
613                           -7.3379 GY   0.69
613                           -8.4668 GY   0.80
613                           -8.4668 GY   0.90
613                           -7.3379 GY   1.01
613                           -6.2090 GY   1.11
613                           -5.0801 GY   1.22
613                           -3.9512 GY   1.33
613                           -2.8223 GY   1.43
613                           -1.6934 GY   1.53
```

```
613                          -0.5645 GY   1.63
664                          -0.5645 GY   0.07
664                          -1.6934 GY   0.17
664                          -2.8223 GY   0.27
664                          -3.9512 GY   0.37
664                          -5.0801 GY   0.48
664                          -6.2090 GY   0.59
664                          -7.3379 GY   0.69
664                          -8.4668 GY   0.80
664   -85.0000 GY   0.85    2.15
664                          -8.4668 GY   2.20
664                          -7.3379 GY   2.31
664                          -6.2090 GY   2.41
664                          -5.0801 GY   2.52
664                          -3.9512 GY   2.63
664                          -2.8223 GY   2.73
664                          -1.6934 GY   2.83
664                          -0.5645 GY   2.93
620                          -7.5000 GY   0.05
620                          -6.5000 GY   0.15
620                          -5.5000 GY   0.25
620                          -4.5000 GY   0.35
620                          -3.5000 GY   0.45
620                          -2.5000 GY   0.55
620                          -1.5000 GY   0.64
620                          -0.5000 GY   0.73
619                          -0.5645 GY   0.07
619                          -1.6934 GY   0.17
619                          -2.8223 GY   0.27
619                          -3.9512 GY   0.37
619                          -5.0801 GY   0.48
619                          -6.2090 GY   0.59
619                          -7.3379 GY   0.69
619                          -8.4668 GY   0.80
619                          -0.5293 GY   0.85
619                          -0.5254 GY   0.86
619                          -0.5215 GY   0.87
619                          -0.5176 GY   0.87
619                          -0.5137 GY   0.88
619                          -0.5098 GY   0.88
619                          -0.5059 GY   0.89
619                          -0.5019 GY   0.90
660                          -0.5645 GY   0.07
660                          -1.6934 GY   0.17
660                          -2.8223 GY   0.27
660                          -3.9512 GY   0.37
660                          -5.0801 GY   0.48
660                          -6.2090 GY   0.59
660                          -7.3379 GY   0.69
660                          -8.4668 GY   0.80
660   -85.0000 GY   0.85    2.15
660                          -8.4668 GY   2.20
660                          -7.3379 GY   2.31
660                          -6.2090 GY   2.41
660                          -5.0801 GY   2.52
660                          -3.9512 GY   2.63
```

```
660                          -2.8223 GY   2.73
660                          -1.6934 GY   2.83
660                          -0.5645 GY   2.93
614                          -1.2207 GY   0.10
614                          -3.6621 GY   0.24
614                          -6.1035 GY   0.40
614                          -8.5449 GY   0.55
614                         -10.9863 GY   0.71
614                         -13.4277 GY   0.86
614                         -15.8691 GY   1.02
614                         -18.3105 GY   1.17
614                         -18.3105 GY   1.33
614                         -15.8691 GY   1.48
614                         -13.4277 GY   1.64
614                         -10.9863 GY   1.79
614                          -8.5449 GY   1.95
614                          -6.1035 GY   2.10
614                          -3.6621 GY   2.26
614                          -1.2207 GY   2.40
667                          -1.2207 GY   0.10
667                          -3.6621 GY   0.24
667                          -6.1035 GY   0.40
667                          -8.5449 GY   0.55
667                         -10.9863 GY   0.71
667                         -13.4277 GY   0.86
667                         -15.8691 GY   1.02
667                         -18.3105 GY   1.17
667  -125.0000 GY   1.25    1.75
667                         -18.3106 GY   1.83
667                         -15.8691 GY   1.98
667                         -13.4277 GY   2.14
667                         -10.9863 GY   2.29
667                          -8.5449 GY   2.45
667                          -6.1035 GY   2.60
667                          -3.6621 GY   2.76
667                          -1.2207 GY   2.90
621                          -1.2207 GY   0.10
621                          -3.6621 GY   0.24
621                          -6.1035 GY   0.40
621                          -8.5449 GY   0.55
621                         -10.9863 GY   0.71
621                         -13.4277 GY   0.86
621                         -15.8691 GY   1.02
621                         -18.3105 GY   1.17
621                         -18.3105 GY   1.33
621                         -15.8691 GY   1.48
621                         -13.4277 GY   1.64
621                         -10.9863 GY   1.79
621                          -8.5449 GY   1.95
621                          -6.1035 GY   2.10
621                          -3.6621 GY   2.26
621                          -1.2207 GY   2.40
664                          -1.2207 GY   0.10
664                          -3.6621 GY   0.24
664                          -6.1035 GY   0.40
664                          -8.5449 GY   0.55
```

```
664                          -10.9863 GY   0.71
664                          -13.4277 GY   0.86
664                          -15.8691 GY   1.02
664                          -18.3105 GY   1.17
664  -124.9999 GY   1.25    1.75
664                          -18.3105 GY   1.83
664                          -15.8691 GY   1.98
664                          -13.4277 GY   2.14
664                          -10.9863 GY   2.29
664                           -8.5449 GY   2.45
664                           -6.1035 GY   2.60
664                           -3.6621 GY   2.76
664                           -1.2207 GY   2.90
796                           -1.7578 GY   0.12
796                           -5.2734 GY   0.29
796                           -8.7891 GY   0.47
796                          -12.3047 GY   0.66
796                          -15.8203 GY   0.85
796                          -19.3359 GY   1.03
796                          -22.8516 GY   1.22
796                          -26.3672 GY   1.41
796                          -26.3672 GY   1.59
796                          -22.8516 GY   1.78
796                          -19.3359 GY   1.97
796                          -15.8203 GY   2.15
796                          -12.3047 GY   2.34
796                           -8.7891 GY   2.52
796                           -5.2734 GY   2.71
796                           -1.7578 GY   2.87
736                          -26.3672 GY   1.09
736                          -22.8516 GY   1.28
736                          -19.3359 GY   1.47
736                          -15.8203 GY   1.65
736                          -12.3047 GY   1.84
736                           -8.7891 GY   2.02
736                           -5.2734 GY   2.21
736                           -1.7578 GY   2.37
736  -150.0000 GY   0.00    1.00
735                           -7.0312 GY   0.04
735                           -7.5937 GY   0.11
735                           -8.1562 GY   0.19
735                           -8.7187 GY   0.26
735                           -9.2812 GY   0.34
735                           -9.8437 GY   0.41
735                          -10.4062 GY   0.49
735                          -10.9687 GY   0.56
735  -150.0000 GY   0.60    0.80
734                           -0.6328 GY   0.07
734                           -1.8984 GY   0.17
734                           -3.1641 GY   0.28
734                           -4.4297 GY   0.40
734                           -5.6953 GY   0.51
734                           -6.9609 GY   0.62
734                           -8.2266 GY   0.73
734                           -9.4922 GY   0.84
785                           -1.7578 GY   0.12
```

785			-5.2734	GY	0.29
785			-8.7891	GY	0.47
785			-12.3047	GY	0.66
785			-15.8203	GY	0.85
785			-19.3359	GY	1.03
785			-22.8515	GY	1.22
785			-26.3672	GY	1.41
785			-26.3672	GY	1.59
785			-22.8516	GY	1.78
785			-19.3359	GY	1.97
785			-15.8203	GY	2.15
785			-12.3047	GY	2.34
785			-8.7891	GY	2.52
785			-5.2734	GY	2.71
785			-1.7578	GY	2.87
725	-149.9999	GY 0.60	0.80		
725			-7.0312	GY	0.04
725			-7.5937	GY	0.11
725			-8.1562	GY	0.19
725			-8.7187	GY	0.26
725			-9.2812	GY	0.34
725			-9.8437	GY	0.41
725			-10.4062	GY	0.49
725			-10.9687	GY	0.56
726	-149.9999	GY 0.00	1.00		
726			-26.3672	GY	1.09
726			-22.8516	GY	1.28
726			-19.3359	GY	1.47
726			-15.8203	GY	1.65
726			-12.3047	GY	1.84
726			-8.7891	GY	2.02
726			-5.2734	GY	2.21
726			-1.7578	GY	2.37
724			-0.6328	GY	0.07
724			-1.8984	GY	0.17
724			-3.1641	GY	0.28
724			-4.4297	GY	0.40
724			-5.6953	GY	0.51
724			-6.9609	GY	0.62
724			-8.2266	GY	0.73
724			-9.4922	GY	0.84
805			-1.2207	GY	0.10
805			-3.6621	GY	0.24
805			-6.1035	GY	0.40
805			-8.5449	GY	0.55
805			-10.9863	GY	0.71
805			-13.4277	GY	0.86
805			-15.8691	GY	1.02
805			-18.3105	GY	1.17
805			-18.3105	GY	1.33
805			-15.8691	GY	1.48
805			-13.4277	GY	1.64
805			-10.9863	GY	1.79
805			-8.5449	GY	1.95
805			-6.1035	GY	2.10
805			-3.6621	GY	2.26

```
 805                          -1.2207 GY   2.40
 816                          -1.2207 GY   0.10
 816                          -3.6621 GY   0.24
 816                          -6.1035 GY   0.40
 816                          -8.5449 GY   0.55
 816                         -10.9863 GY   0.71
 816                         -13.4277 GY   0.86
 816                         -15.8691 GY   1.02
 816                         -18.3105 GY   1.17
 816  -125.0000 GY   1.25    1.75
 816                         -18.3106 GY   1.83
 816                         -15.8691 GY   1.98
 816                         -13.4277 GY   2.14
 816                         -10.9863 GY   2.29
 816                          -8.5449 GY   2.45
 816                          -6.1035 GY   2.60
 816                          -3.6621 GY   2.76
 816                          -1.2207 GY   2.90
 810                          -1.2207 GY   0.10
 810                          -3.6621 GY   0.24
 810                          -6.1035 GY   0.40
 810                          -8.5449 GY   0.55
 810                         -10.9863 GY   0.71
 810                         -13.4277 GY   0.86
 810                         -15.8691 GY   1.02
 810                         -18.3105 GY   1.17
 810                         -18.3105 GY   1.33
 810                         -15.8691 GY   1.48
 810                         -13.4277 GY   1.64
 810                         -10.9863 GY   1.79
 810                          -8.5449 GY   1.95
 810                          -6.1035 GY   2.10
 810                          -3.6621 GY   2.26
 810                          -1.2207 GY   2.40
 815                          -1.2207 GY   0.10
 815                          -3.6621 GY   0.24
 815                          -6.1035 GY   0.40
 815                          -8.5449 GY   0.55
 815                         -10.9863 GY   0.71
 815                         -13.4277 GY   0.86
 815                         -15.8691 GY   1.02
 815                         -18.3105 GY   1.17
 815  -124.9999 GY   1.25    1.75
 815                         -18.3105 GY   1.83
 815                         -15.8691 GY   1.98
 815                         -13.4277 GY   2.14
 815                         -10.9863 GY   2.29
 815                          -8.5449 GY   2.45
 815                          -6.1035 GY   2.60
 815                          -3.6621 GY   2.76
 815                          -1.2207 GY   2.90


LOADING    11  LOADTYPE WIND  TITLE WL IN X
-----------
```

JOINT LOAD - UNIT KG METE

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	332.64	0.00	0.00	0.00	0.00	0.00
5	665.28	0.00	0.00	0.00	0.00	0.00
9	485.10	0.00	0.00	0.00	0.00	0.00
14	256.41	0.00	0.00	0.00	0.00	0.00
19	429.66	0.00	0.00	0.00	0.00	0.00
20	526.68	0.00	0.00	0.00	0.00	0.00
22	200.97	0.00	0.00	0.00	0.00	0.00
101	559.65	0.00	0.00	0.00	0.00	0.00
102	551.04	0.00	0.00	0.00	0.00	0.00
103	551.04	0.00	0.00	0.00	0.00	0.00
104	745.92	0.00	0.00	0.00	0.00	0.00
105	357.21	0.00	0.00	0.00	0.00	0.00
141	211.68	0.00	0.00	0.00	0.00	0.00
147	327.60	0.00	0.00	0.00	0.00	0.00
148	322.56	0.00	0.00	0.00	0.00	0.00
149	322.56	0.00	0.00	0.00	0.00	0.00
160	1078.35	0.00	0.00	0.00	0.00	0.00
161	1061.76	0.00	0.00	0.00	0.00	0.00
162	1061.76	0.00	0.00	0.00	0.00	0.00
163	1491.84	0.00	0.00	0.00	0.00	0.00
164	564.48	0.00	0.00	0.00	0.00	0.00
196	211.68	0.00	0.00	0.00	0.00	0.00
203	955.50	0.00	0.00	0.00	0.00	0.00
204	940.80	0.00	0.00	0.00	0.00	0.00
205	940.80	0.00	0.00	0.00	0.00	0.00
206	1087.80	0.00	0.00	0.00	0.00	0.00
207	667.17	0.00	0.00	0.00	0.00	0.00
208	124.74	0.00	0.00	0.00	0.00	0.00
253	505.05	0.00	0.00	0.00	0.00	0.00
254	497.28	0.00	0.00	0.00	0.00	0.00
255	497.28	0.00	0.00	0.00	0.00	0.00
256	574.98	0.00	0.00	0.00	0.00	0.00
257	451.08	0.00	0.00	0.00	0.00	0.00
258	124.74	0.00	0.00	0.00	0.00	0.00
315	532.35	0.00	0.00	0.00	0.00	0.00
316	524.16	0.00	0.00	0.00	0.00	0.00
317	524.16	0.00	0.00	0.00	0.00	0.00
318	606.06	0.00	0.00	0.00	0.00	0.00
319	405.72	0.00	0.00	0.00	0.00	0.00
320	218.40	0.00	0.00	0.00	0.00	0.00
321	365.19	0.00	0.00	0.00	0.00	0.00
322	215.04	0.00	0.00	0.00	0.00	0.00
323	215.04	0.00	0.00	0.00	0.00	0.00
336	198.45	0.00	0.00	0.00	0.00	0.00
342	313.95	0.00	0.00	0.00	0.00	0.00
343	309.12	0.00	0.00	0.00	0.00	0.00
344	309.12	0.00	0.00	0.00	0.00	0.00
348	141.12	0.00	0.00	0.00	0.00	0.00
355	819.00	0.00	0.00	0.00	0.00	0.00
356	806.40	0.00	0.00	0.00	0.00	0.00

357	806.40	0.00	0.00	0.00	0.00	0.00
358	1173.27	0.00	0.00	0.00	0.00	0.00
359	471.87	0.00	0.00	0.00	0.00	0.00
389	395.85	0.00	0.00	0.00	0.00	0.00
390	389.76	0.00	0.00	0.00	0.00	0.00
391	389.76	0.00	0.00	0.00	0.00	0.00
392	450.66	0.00	0.00	0.00	0.00	0.00
393	255.78	0.00	0.00	0.00	0.00	0.00

LOADING 12 LOADTYPE WIND TITLE WL IN - X

JOINT LOAD - UNIT KG METE

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
4	-332.64	0.00	0.00	0.00	0.00	0.00
6	-665.28	0.00	0.00	0.00	0.00	0.00
13	-540.54	0.00	0.00	0.00	0.00	0.00
18	-582.12	0.00	0.00	0.00	0.00	0.00
21	-575.19	0.00	0.00	0.00	0.00	0.00
25	-200.97	0.00	0.00	0.00	0.00	0.00
127	-559.65	0.00	0.00	0.00	0.00	0.00
128	-551.04	0.00	0.00	0.00	0.00	0.00
129	-551.04	0.00	0.00	0.00	0.00	0.00
130	-745.92	0.00	0.00	0.00	0.00	0.00
131	-357.21	0.00	0.00	0.00	0.00	0.00
146	-211.68	0.00	0.00	0.00	0.00	0.00
156	-327.60	0.00	0.00	0.00	0.00	0.00
157	-322.56	0.00	0.00	0.00	0.00	0.00
158	-322.56	0.00	0.00	0.00	0.00	0.00
176	-1078.35	0.00	0.00	0.00	0.00	0.00
177	-1061.76	0.00	0.00	0.00	0.00	0.00
178	-1061.76	0.00	0.00	0.00	0.00	0.00
179	-1491.84	0.00	0.00	0.00	0.00	0.00
180	-564.48	0.00	0.00	0.00	0.00	0.00
201	-211.68	0.00	0.00	0.00	0.00	0.00
246	-1064.70	0.00	0.00	0.00	0.00	0.00
247	-1048.32	0.00	0.00	0.00	0.00	0.00
248	-1048.32	0.00	0.00	0.00	0.00	0.00
249	-1212.12	0.00	0.00	0.00	0.00	0.00
250	-783.09	0.00	0.00	0.00	0.00	0.00
251	-170.10	0.00	0.00	0.00	0.00	0.00
308	-914.55	0.00	0.00	0.00	0.00	0.00
309	-900.48	0.00	0.00	0.00	0.00	0.00
310	-900.48	0.00	0.00	0.00	0.00	0.00
311	-1041.18	0.00	0.00	0.00	0.00	0.00
312	-769.86	0.00	0.00	0.00	0.00	0.00
313	-170.10	0.00	0.00	0.00	0.00	0.00
332	-368.55	0.00	0.00	0.00	0.00	0.00
333	-419.58	0.00	0.00	0.00	0.00	0.00
334	-362.88	0.00	0.00	0.00	0.00	0.00
335	-362.88	0.00	0.00	0.00	0.00	0.00
341	-229.32	0.00	0.00	0.00	0.00	0.00

353	-141.12	0.00	0.00	0.00	0.00	0.00
383	-996.45	0.00	0.00	0.00	0.00	0.00
384	-981.12	0.00	0.00	0.00	0.00	0.00
385	-981.12	0.00	0.00	0.00	0.00	0.00
386	-1134.42	0.00	0.00	0.00	0.00	0.00
387	-502.74	0.00	0.00	0.00	0.00	0.00
418	-395.85	0.00	0.00	0.00	0.00	0.00
419	-389.76	0.00	0.00	0.00	0.00	0.00
420	-389.76	0.00	0.00	0.00	0.00	0.00
421	-450.66	0.00	0.00	0.00	0.00	0.00
422	-255.78	0.00	0.00	0.00	0.00	0.00

LOADING 13 LOADTYPE WIND TITLE WL IN Z

JOINT LOAD - UNIT KG METE

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.00	0.00	291.06	0.00	0.00	0.00
2	0.00	0.00	796.95	0.00	0.00	0.00
3	0.00	0.00	796.95	0.00	0.00	0.00
4	0.00	0.00	291.06	0.00	0.00	0.00
101	0.00	0.00	573.30	0.00	0.00	0.00
102	0.00	0.00	564.48	0.00	0.00	0.00
103	0.00	0.00	564.48	0.00	0.00	0.00
104	0.00	0.00	652.68	0.00	0.00	0.00
105	0.00	0.00	330.75	0.00	0.00	0.00
106	0.00	0.00	185.22	0.00	0.00	0.00
108	0.00	0.00	1320.64	0.00	0.00	0.00
109	0.00	0.00	1300.32	0.00	0.00	0.00
110	0.00	0.00	1300.32	0.00	0.00	0.00
111	0.00	0.00	1503.49	0.00	0.00	0.00
112	0.00	0.00	643.86	0.00	0.00	0.00
113	0.00	0.00	224.91	0.00	0.00	0.00
114	0.00	0.00	498.23	0.00	0.00	0.00
115	0.00	0.00	567.21	0.00	0.00	0.00
116	0.00	0.00	490.56	0.00	0.00	0.00
117	0.00	0.00	490.56	0.00	0.00	0.00
118	0.00	0.00	224.91	0.00	0.00	0.00
120	0.00	0.00	1320.64	0.00	0.00	0.00
121	0.00	0.00	1300.32	0.00	0.00	0.00
122	0.00	0.00	1300.32	0.00	0.00	0.00
123	0.00	0.00	1503.49	0.00	0.00	0.00
124	0.00	0.00	643.86	0.00	0.00	0.00
125	0.00	0.00	185.22	0.00	0.00	0.00
127	0.00	0.00	573.30	0.00	0.00	0.00
128	0.00	0.00	564.48	0.00	0.00	0.00
129	0.00	0.00	564.48	0.00	0.00	0.00
130	0.00	0.00	652.68	0.00	0.00	0.00
131	0.00	0.00	330.75	0.00	0.00	0.00
207	0.00	0.00	102.06	0.00	0.00	0.00
208	0.00	0.00	102.06	0.00	0.00	0.00
214	0.00	0.00	212.63	0.00	0.00	0.00

215	0.00	0.00	238.14	0.00	0.00	0.00
216	0.00	0.00	68.04	0.00	0.00	0.00
222	0.00	0.00	362.88	0.00	0.00	0.00
223	0.00	0.00	549.99	0.00	0.00	0.00
224	0.00	0.00	144.59	0.00	0.00	0.00
229	0.00	0.00	144.59	0.00	0.00	0.00
235	0.00	0.00	413.91	0.00	0.00	0.00
236	0.00	0.00	581.18	0.00	0.00	0.00
237	0.00	0.00	48.20	0.00	0.00	0.00
241	0.00	0.00	93.56	0.00	0.00	0.00
242	0.00	0.00	119.07	0.00	0.00	0.00
250	0.00	0.00	189.95	0.00	0.00	0.00
251	0.00	0.00	189.95	0.00	0.00	0.00

LOADING 14 LOADTYPE WIND TITLE WL IN -Z

JOINT LOAD - UNIT KG METE

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
22	0.00	0.00	-291.06	0.00	0.00	0.00
23	0.00	0.00	-859.32	0.00	0.00	0.00
24	0.00	0.00	-796.95	0.00	0.00	0.00
25	0.00	0.00	-228.69	0.00	0.00	0.00
257	0.00	0.00	-102.06	0.00	0.00	0.00
258	0.00	0.00	-102.06	0.00	0.00	0.00
264	0.00	0.00	-102.06	0.00	0.00	0.00
265	0.00	0.00	-102.06	0.00	0.00	0.00
280	0.00	0.00	-294.84	0.00	0.00	0.00
281	0.00	0.00	-464.94	0.00	0.00	0.00
282	0.00	0.00	-144.59	0.00	0.00	0.00
283	0.00	0.00	-144.59	0.00	0.00	0.00
288	0.00	0.00	-87.89	0.00	0.00	0.00
298	0.00	0.00	-374.22	0.00	0.00	0.00
299	0.00	0.00	-581.18	0.00	0.00	0.00
303	0.00	0.00	-93.56	0.00	0.00	0.00
304	0.00	0.00	-93.56	0.00	0.00	0.00
312	0.00	0.00	-164.43	0.00	0.00	0.00
313	0.00	0.00	-164.43	0.00	0.00	0.00
389	0.00	0.00	-573.30	0.00	0.00	0.00
390	0.00	0.00	-564.48	0.00	0.00	0.00
391	0.00	0.00	-564.48	0.00	0.00	0.00
392	0.00	0.00	-652.68	0.00	0.00	0.00
393	0.00	0.00	-330.75	0.00	0.00	0.00
394	0.00	0.00	-185.22	0.00	0.00	0.00
396	0.00	0.00	-1358.18	0.00	0.00	0.00
397	0.00	0.00	-1337.28	0.00	0.00	0.00
398	0.00	0.00	-1337.28	0.00	0.00	0.00
399	0.00	0.00	-1546.23	0.00	0.00	0.00
400	0.00	0.00	-683.55	0.00	0.00	0.00
401	0.00	0.00	-224.91	0.00	0.00	0.00
402	0.00	0.00	-477.75	0.00	0.00	0.00
403	0.00	0.00	-543.90	0.00	0.00	0.00

404	0.00	0.00	-470.40	0.00	0.00	0.00
405	0.00	0.00	-470.40	0.00	0.00	0.00
406	0.00	0.00	-264.60	0.00	0.00	0.00
407	0.00	0.00	-334.42	0.00	0.00	0.00
408	0.00	0.00	-380.73	0.00	0.00	0.00
409	0.00	0.00	-329.28	0.00	0.00	0.00
410	0.00	0.00	-329.28	0.00	0.00	0.00
412	0.00	0.00	-1092.00	0.00	0.00	0.00
413	0.00	0.00	-1075.20	0.00	0.00	0.00
414	0.00	0.00	-1075.20	0.00	0.00	0.00
415	0.00	0.00	-1243.20	0.00	0.00	0.00
416	0.00	0.00	-789.39	0.00	0.00	0.00
418	0.00	0.00	-450.45	0.00	0.00	0.00
419	0.00	0.00	-443.52	0.00	0.00	0.00
420	0.00	0.00	-443.52	0.00	0.00	0.00
421	0.00	0.00	-512.82	0.00	0.00	0.00
422	0.00	0.00	-291.06	0.00	0.00	0.00

```
*********************************************************
*                                                       *
* TIME PERIOD FOR X 1893 LOADING =    0.70398 SEC       *
* SA/G PER 1893=    1.420, LOAD FACTOR= 1.000           *
* VB PER 1893=    0.0142 X   767158.00=   10897.44 KG    *
*                                                       *
*********************************************************
```

```
*********************************************************
*                                                       *
* TIME PERIOD FOR Z 1893 LOADING =    0.70398 SEC       *
* SA/G PER 1893=    1.420, LOAD FACTOR= 1.000           *
* VB PER 1893=    0.0142 X   767158.00=   10897.44 KG    *
*                                                       *
*********************************************************
```

JOINT		LATERAL LOAD (KG)		TORSIONAL MOMENT (KG -METE)	LOAD - 1 FACTOR - 1.000
101	FX	3.415	MY	0.000	
108	FX	5.887	MY	0.000	
114	FX	2.668	MY	0.000	
120	FX	5.887	MY	0.000	
127	FX	3.415	MY	0.000	
132	FX	2.137	MY	0.000	
135	FX	3.362	MY	0.000	
138	FX	2.137	MY	0.000	
147	FX	2.625	MY	0.000	
150	FX	2.244	MY	0.000	
153	FX	2.244	MY	0.000	
156	FX	2.625	MY	0.000	
160	FX	4.560	MY	0.000	
166	FX	1.815	MY	0.000	
171	FX	1.815	MY	0.000	

176	FX	4.560	MY	0.000
182	FX	5.199	MY	0.000
186	FX	4.799	MY	0.000
191	FX	5.199	MY	0.000
203	FX	3.631	MY	0.000
210	FX	2.788	MY	0.000
218	FX	7.002	MY	0.000
225	FX	3.850	MY	0.000
231	FX	7.079	MY	0.000
239	FX	1.918	MY	0.000
246	FX	4.371	MY	0.000
253	FX	2.488	MY	0.000
260	FX	2.699	MY	0.000
268	FX	1.617	MY	0.000
276	FX	5.480	MY	0.000
285	FX	4.331	MY	0.000
289	FX	1.891	MY	0.000
294	FX	3.993	MY	0.000
301	FX	1.609	MY	0.000
308	FX	3.379	MY	0.000
315	FX	1.917	MY	0.000
320	FX	2.128	MY	0.000
324	FX	2.534	MY	0.000
328	FX	2.790	MY	0.000
332	FX	2.572	MY	0.000
342	FX	2.552	MY	0.000
345	FX	2.819	MY	0.000
355	FX	3.905	MY	0.000
361	FX	3.480	MY	0.000
365	FX	2.419	MY	0.000
370	FX	2.558	MY	0.000
373	FX	1.381	MY	0.000
378	FX	3.312	MY	0.000
383	FX	4.311	MY	0.000
389	FX	3.233	MY	0.000
396	FX	5.548	MY	0.000
402	FX	2.998	MY	0.000
407	FX	2.281	MY	0.000
412	FX	4.524	MY	0.000
418	FX	2.926	MY	0.000
		184.904		0.000 AT LEVEL 3.300 METE

VB PER 1893 = 10897.442 KG

102	FX	13.191	MY	0.000
109	FX	22.668	MY	0.000
116	FX	10.350	MY	0.000
121	FX	22.668	MY	0.000
128	FX	13.191	MY	0.000
133	FX	8.292	MY	0.000
136	FX	13.042	MY	0.000
139	FX	8.292	MY	0.000
148	FX	10.184	MY	0.000
151	FX	8.705	MY	0.000
154	FX	8.705	MY	0.000
157	FX	10.184	MY	0.000

161	FX	17.605	MY	0.000
169	FX	7.040	MY	0.000
174	FX	7.040	MY	0.000
177	FX	17.605	MY	0.000
183	FX	20.043	MY	0.000
187	FX	18.619	MY	0.000
192	FX	20.043	MY	0.000
204	FX	14.020	MY	0.000
211	FX	10.751	MY	0.000
219	FX	26.288	MY	0.000
227	FX	14.936	MY	0.000
232	FX	27.295	MY	0.000
243	FX	7.441	MY	0.000
247	FX	16.872	MY	0.000
254	FX	9.586	MY	0.000
261	FX	10.405	MY	0.000
273	FX	5.307	MY	0.000
277	FX	20.834	MY	0.000
286	FX	16.803	MY	0.000
291	FX	7.336	MY	0.000
295	FX	15.322	MY	0.000
305	FX	6.244	MY	0.000
309	FX	13.026	MY	0.000
316	FX	7.351	MY	0.000
322	FX	8.257	MY	0.000
326	FX	9.832	MY	0.000
330	FX	10.824	MY	0.000
334	FX	9.980	MY	0.000
343	FX	9.902	MY	0.000
346	FX	10.936	MY	0.000
356	FX	15.067	MY	0.000
363	FX	13.502	MY	0.000
367	FX	9.386	MY	0.000
371	FX	9.923	MY	0.000
375	FX	5.357	MY	0.000
380	FX	12.849	MY	0.000
384	FX	16.642	MY	0.000
390	FX	12.486	MY	0.000
397	FX	21.397	MY	0.000
404	FX	11.633	MY	0.000
409	FX	8.850	MY	0.000
413	FX	17.422	MY	0.000
419	FX	11.294	MY	0.000
		712.827		0.000 AT LEVEL 6.500 METE

TOTAL = 712.827 0.000 AT LEVEL 6.500 METE

VB PER 1893 = 10897.442 KG

103	FX	29.377	MY	0.000
110	FX	50.482	MY	0.000
117	FX	23.050	MY	0.000
122	FX	50.482	MY	0.000
129	FX	29.377	MY	0.000
134	FX	18.467	MY	0.000
137	FX	29.045	MY	0.000
140	FX	18.467	MY	0.000
149	FX	22.680	MY	0.000

152	FX	19.386	MY	0.000
155	FX	19.386	MY	0.000
158	FX	22.680	MY	0.000
162	FX	39.206	MY	0.000
167	FX	15.679	MY	0.000
172	FX	15.679	MY	0.000
178	FX	39.206	MY	0.000
184	FX	44.636	MY	0.000
188	FX	41.465	MY	0.000
193	FX	44.636	MY	0.000
205	FX	31.222	MY	0.000
212	FX	23.941	MY	0.000
220	FX	60.118	MY	0.000
228	FX	33.262	MY	0.000
233	FX	60.785	MY	0.000
244	FX	16.571	MY	0.000
248	FX	37.574	MY	0.000
255	FX	21.348	MY	0.000
262	FX	23.172	MY	0.000
269	FX	13.967	MY	0.000
278	FX	46.969	MY	0.000
287	FX	37.421	MY	0.000
292	FX	16.336	MY	0.000
296	FX	34.122	MY	0.000
306	FX	13.905	MY	0.000
310	FX	29.008	MY	0.000
317	FX	16.370	MY	0.000
323	FX	18.389	MY	0.000
327	FX	21.896	MY	0.000
331	FX	24.105	MY	0.000
335	FX	22.224	MY	0.000
344	FX	22.052	MY	0.000
347	FX	24.354	MY	0.000
357	FX	33.553	MY	0.000
364	FX	30.069	MY	0.000
368	FX	20.902	MY	0.000
372	FX	22.099	MY	0.000
376	FX	11.930	MY	0.000
381	FX	28.615	MY	0.000
385	FX	37.062	MY	0.000
391	FX	27.806	MY	0.000
398	FX	47.651	MY	0.000
405	FX	25.905	MY	0.000
410	FX	19.709	MY	0.000
414	FX	38.799	MY	0.000
420	FX	25.151	MY	0.000
		1591.748		0.000 AT LEVEL 9.700 METE

TOTAL = 1591.748 0.000 AT LEVEL 9.700 METE

VB PER 1893 = 10897.442 KG

104	FX	64.571	MY	0.000
111	FX	120.995	MY	0.000
115	FX	65.800	MY	0.000
123	FX	120.995	MY	0.000
130	FX	64.571	MY	0.000
163	FX	96.785	MY	0.000

168	FX	55.201	MY	0.000
173	FX	55.201	MY	0.000
179	FX	96.785	MY	0.000
185	FX	62.735	MY	0.000
189	FX	62.379	MY	0.000
194	FX	62.735	MY	0.000
195	FX	19.876	MY	0.000
206	FX	60.046	MY	0.000
213	FX	47.612	MY	0.000
221	FX	104.587	MY	0.000
226	FX	64.395	MY	0.000
234	FX	105.689	MY	0.000
240	FX	32.431	MY	0.000
249	FX	72.774	MY	0.000
256	FX	39.323	MY	0.000
263	FX	45.571	MY	0.000
270	FX	26.506	MY	0.000
279	FX	79.691	MY	0.000
284	FX	74.316	MY	0.000
290	FX	30.825	MY	0.000
297	FX	53.937	MY	0.000
302	FX	26.801	MY	0.000
311	FX	56.305	MY	0.000
318	FX	30.581	MY	0.000
321	FX	44.054	MY	0.000
325	FX	53.785	MY	0.000
329	FX	46.599	MY	0.000
333	FX	41.609	MY	0.000
358	FX	83.982	MY	0.000
362	FX	80.944	MY	0.000
366	FX	41.840	MY	0.000
369	FX	44.053	MY	0.000
374	FX	22.842	MY	0.000
379	FX	54.629	MY	0.000
386	FX	71.586	MY	0.000
392	FX	52.987	MY	0.000
399	FX	92.114	MY	0.000
403	FX	48.439	MY	0.000
408	FX	36.694	MY	0.000
415	FX	75.335	MY	0.000
421	FX	47.953	MY	0.000
		2839.459		0.000 AT LEVEL 12.900 METE

VB PER 1893 = 10897.442 KG

105	FX	76.960	MY	0.000
106	FX	61.660	MY	0.000
112	FX	77.876	MY	0.000
113	FX	69.905	MY	0.000
118	FX	69.905	MY	0.000
124	FX	77.876	MY	0.000
125	FX	61.660	MY	0.000
131	FX	76.960	MY	0.000
141	FX	67.157	MY	0.000
142	FX	90.611	MY	0.000
143	FX	87.801	MY	0.000

144	FX	87.801	MY	0.000
145	FX	90.611	MY	0.000
146	FX	67.157	MY	0.000
164	FX	54.055	MY	0.000
180	FX	54.055	MY	0.000
196	FX	67.157	MY	0.000
197	FX	89.206	MY	0.000
198	FX	86.397	MY	0.000
199	FX	86.397	MY	0.000
200	FX	89.206	MY	0.000
201	FX	67.157	MY	0.000
207	FX	77.621	MY	0.000
214	FX	59.755	MY	0.000
216	FX	38.633	MY	0.000
222	FX	82.570	MY	0.000
224	FX	68.500	MY	0.000
229	FX	68.500	MY	0.000
235	FX	80.664	MY	0.000
237	FX	33.716	MY	0.000
241	FX	23.180	MY	0.000
250	FX	114.087	MY	0.000
257	FX	62.962	MY	0.000
264	FX	59.755	MY	0.000
266	FX	22.477	MY	0.000
271	FX	27.394	MY	0.000
274	FX	29.318	MY	0.000
280	FX	74.661	MY	0.000
282	FX	62.179	MY	0.000
283	FX	62.179	MY	0.000
288	FX	41.948	MY	0.000
298	FX	69.958	MY	0.000
303	FX	23.180	MY	0.000
312	FX	105.842	MY	0.000
319	FX	52.223	MY	0.000
336	FX	64.408	MY	0.000
337	FX	81.480	MY	0.000
338	FX	78.670	MY	0.000
339	FX	78.670	MY	0.000
340	FX	81.480	MY	0.000
341	FX	70.821	MY	0.000
348	FX	52.498	MY	0.000
349	FX	87.801	MY	0.000
350	FX	84.992	MY	0.000
351	FX	84.992	MY	0.000
352	FX	87.801	MY	0.000
353	FX	52.498	MY	0.000
359	FX	53.139	MY	0.000
387	FX	53.139	MY	0.000
393	FX	73.295	MY	0.000
394	FX	60.255	MY	0.000
400	FX	65.507	MY	0.000
401	FX	68.500	MY	0.000
406	FX	76.746	MY	0.000
416	FX	117.516	MY	0.000
422	FX	73.295	MY	0.000

TOTAL =	4546.375		0.000	AT LEVEL	17.100 METE
VB PER 1893 =	10897.442 KG				
208	FX	40.562	MY	0.000	
215	FX	55.092	MY	0.000	
223	FX	135.873	MY	0.000	
236	FX	116.079	MY	0.000	
242	FX	75.807	MY	0.000	
251	FX	79.229	MY	0.000	
258	FX	40.562	MY	0.000	
265	FX	55.092	MY	0.000	
272	FX	46.116	MY	0.000	
281	FX	116.079	MY	0.000	
299	FX	116.079	MY	0.000	
304	FX	66.331	MY	0.000	
313	FX	79.229	MY	0.000	
TOTAL =	1022.130		0.000	AT LEVEL	19.800 METE
VB PER 1893 =	10897.442 KG				

JOINT		LATERAL LOAD (KG)		TORSIONAL MOMENT (KG -METE)	LOAD - 2 FACTOR - 1.000
101	FZ	3.415	MY	0.000	
108	FZ	5.887	MY	0.000	
114	FZ	2.668	MY	0.000	
120	FZ	5.887	MY	0.000	
127	FZ	3.415	MY	0.000	
132	FZ	2.137	MY	0.000	
135	FZ	3.362	MY	0.000	
138	FZ	2.137	MY	0.000	
147	FZ	2.625	MY	0.000	
150	FZ	2.244	MY	0.000	
153	FZ	2.244	MY	0.000	
156	FZ	2.625	MY	0.000	
160	FZ	4.560	MY	0.000	
166	FZ	1.815	MY	0.000	
171	FZ	1.815	MY	0.000	
176	FZ	4.560	MY	0.000	
182	FZ	5.199	MY	0.000	
186	FZ	4.799	MY	0.000	
191	FZ	5.199	MY	0.000	
203	FZ	3.631	MY	0.000	
210	FZ	2.788	MY	0.000	
218	FZ	7.002	MY	0.000	
225	FZ	3.850	MY	0.000	
231	FZ	7.079	MY	0.000	
239	FZ	1.918	MY	0.000	
246	FZ	4.371	MY	0.000	
253	FZ	2.488	MY	0.000	
260	FZ	2.699	MY	0.000	
268	FZ	1.617	MY	0.000	
276	FZ	5.480	MY	0.000	

285	FZ	4.331	MY	0.000
289	FZ	1.891	MY	0.000
294	FZ	3.993	MY	0.000
301	FZ	1.609	MY	0.000
308	FZ	3.379	MY	0.000
315	FZ	1.917	MY	0.000
320	FZ	2.128	MY	0.000
324	FZ	2.534	MY	0.000
328	FZ	2.790	MY	0.000
332	FZ	2.572	MY	0.000
342	FZ	2.552	MY	0.000
345	FZ	2.819	MY	0.000
355	FZ	3.905	MY	0.000
361	FZ	3.480	MY	0.000
365	FZ	2.419	MY	0.000
370	FZ	2.558	MY	0.000
373	FZ	1.381	MY	0.000
378	FZ	3.312	MY	0.000
383	FZ	4.311	MY	0.000
389	FZ	3.233	MY	0.000
396	FZ	5.548	MY	0.000
402	FZ	2.998	MY	0.000
407	FZ	2.281	MY	0.000
412	FZ	4.524	MY	0.000
418	FZ	2.926	MY	0.000
		184.904		0.000 AT LEVEL 3.300 METE

TOTAL = 184.904 0.000 AT LEVEL 3.300 METE

VB PER 1893 = 10897.442 KG

102	FZ	13.191	MY	0.000
109	FZ	22.668	MY	0.000
116	FZ	10.350	MY	0.000
121	FZ	22.668	MY	0.000
128	FZ	13.191	MY	0.000
133	FZ	8.292	MY	0.000
136	FZ	13.042	MY	0.000
139	FZ	8.292	MY	0.000
148	FZ	10.184	MY	0.000
151	FZ	8.705	MY	0.000
154	FZ	8.705	MY	0.000
157	FZ	10.184	MY	0.000
161	FZ	17.605	MY	0.000
169	FZ	7.040	MY	0.000
174	FZ	7.040	MY	0.000
177	FZ	17.605	MY	0.000
183	FZ	20.043	MY	0.000
187	FZ	18.619	MY	0.000
192	FZ	20.043	MY	0.000
204	FZ	14.020	MY	0.000
211	FZ	10.751	MY	0.000
219	FZ	26.288	MY	0.000
227	FZ	14.936	MY	0.000
232	FZ	27.295	MY	0.000
243	FZ	7.441	MY	0.000
247	FZ	16.872	MY	0.000
254	FZ	9.586	MY	0.000

261	FZ	10.405	MY	0.000	
273	FZ	5.307	MY	0.000	
277	FZ	20.834	MY	0.000	
286	FZ	16.803	MY	0.000	
291	FZ	7.336	MY	0.000	
295	FZ	15.322	MY	0.000	
305	FZ	6.244	MY	0.000	
309	FZ	13.026	MY	0.000	
316	FZ	7.351	MY	0.000	
322	FZ	8.257	MY	0.000	
326	FZ	9.832	MY	0.000	
330	FZ	10.824	MY	0.000	
334	FZ	9.980	MY	0.000	
343	FZ	9.902	MY	0.000	
346	FZ	10.936	MY	0.000	
356	FZ	15.067	MY	0.000	
363	FZ	13.502	MY	0.000	
367	FZ	9.386	MY	0.000	
371	FZ	9.923	MY	0.000	
375	FZ	5.357	MY	0.000	
380	FZ	12.849	MY	0.000	
384	FZ	16.642	MY	0.000	
390	FZ	12.486	MY	0.000	
397	FZ	21.397	MY	0.000	
404	FZ	11.633	MY	0.000	
409	FZ	8.850	MY	0.000	
413	FZ	17.422	MY	0.000	
419	FZ	11.294	MY	0.000	
		712.827		0.000	AT LEVEL 6.500 METE

TOTAL = 712.827 0.000 AT LEVEL 6.500 METE

VB PER 1893 = 10897.442 KG

103	FZ	29.377	MY	0.000	
110	FZ	50.482	MY	0.000	
117	FZ	23.050	MY	0.000	
122	FZ	50.482	MY	0.000	
129	FZ	29.377	MY	0.000	
134	FZ	18.467	MY	0.000	
137	FZ	29.045	MY	0.000	
140	FZ	18.467	MY	0.000	
149	FZ	22.680	MY	0.000	
152	FZ	19.386	MY	0.000	
155	FZ	19.386	MY	0.000	
158	FZ	22.680	MY	0.000	
162	FZ	39.206	MY	0.000	
167	FZ	15.679	MY	0.000	
172	FZ	15.679	MY	0.000	
178	FZ	39.206	MY	0.000	
184	FZ	44.636	MY	0.000	
188	FZ	41.465	MY	0.000	
193	FZ	44.636	MY	0.000	
205	FZ	31.222	MY	0.000	
212	FZ	23.941	MY	0.000	
220	FZ	60.118	MY	0.000	
228	FZ	33.262	MY	0.000	
233	FZ	60.785	MY	0.000	

244	FZ	16.571	MY	0.000
248	FZ	37.574	MY	0.000
255	FZ	21.348	MY	0.000
262	FZ	23.172	MY	0.000
269	FZ	13.967	MY	0.000
278	FZ	46.969	MY	0.000
287	FZ	37.421	MY	0.000
292	FZ	16.336	MY	0.000
296	FZ	34.122	MY	0.000
306	FZ	13.905	MY	0.000
310	FZ	29.008	MY	0.000
317	FZ	16.370	MY	0.000
323	FZ	18.389	MY	0.000
327	FZ	21.896	MY	0.000
331	FZ	24.105	MY	0.000
335	FZ	22.224	MY	0.000
344	FZ	22.052	MY	0.000
347	FZ	24.354	MY	0.000
357	FZ	33.553	MY	0.000
364	FZ	30.069	MY	0.000
368	FZ	20.902	MY	0.000
372	FZ	22.099	MY	0.000
376	FZ	11.930	MY	0.000
381	FZ	28.615	MY	0.000
385	FZ	37.062	MY	0.000
391	FZ	27.806	MY	0.000
398	FZ	47.651	MY	0.000
405	FZ	25.905	MY	0.000
410	FZ	19.709	MY	0.000
414	FZ	38.799	MY	0.000
420	FZ	25.151	MY	0.000
		1591.748		0.000 AT LEVEL 9.700 METE

TOTAL = 1591.748 0.000 AT LEVEL 9.700 METE

VB PER 1893 = 10897.442 KG

104	FZ	64.571	MY	0.000
111	FZ	120.995	MY	0.000
115	FZ	65.800	MY	0.000
123	FZ	120.995	MY	0.000
130	FZ	64.571	MY	0.000
163	FZ	96.785	MY	0.000
168	FZ	55.201	MY	0.000
173	FZ	55.201	MY	0.000
179	FZ	96.785	MY	0.000
185	FZ	62.735	MY	0.000
189	FZ	62.379	MY	0.000
194	FZ	62.735	MY	0.000
195	FZ	19.876	MY	0.000
206	FZ	60.046	MY	0.000
213	FZ	47.612	MY	0.000
221	FZ	104.587	MY	0.000
226	FZ	64.395	MY	0.000
234	FZ	105.689	MY	0.000
240	FZ	32.431	MY	0.000
249	FZ	72.774	MY	0.000
256	FZ	39.323	MY	0.000

263	FZ	45.571	MY	0.000
270	FZ	26.506	MY	0.000
279	FZ	79.691	MY	0.000
284	FZ	74.316	MY	0.000
290	FZ	30.825	MY	0.000
297	FZ	53.937	MY	0.000
302	FZ	26.801	MY	0.000
311	FZ	56.305	MY	0.000
318	FZ	30.581	MY	0.000
321	FZ	44.054	MY	0.000
325	FZ	53.785	MY	0.000
329	FZ	46.599	MY	0.000
333	FZ	41.609	MY	0.000
358	FZ	83.982	MY	0.000
362	FZ	80.944	MY	0.000
366	FZ	41.840	MY	0.000
369	FZ	44.053	MY	0.000
374	FZ	22.842	MY	0.000
379	FZ	54.629	MY	0.000
386	FZ	71.586	MY	0.000
392	FZ	52.987	MY	0.000
399	FZ	92.114	MY	0.000
403	FZ	48.439	MY	0.000
408	FZ	36.694	MY	0.000
415	FZ	75.335	MY	0.000
421	FZ	47.953	MY	0.000
		2839.459		0.000

TOTAL = 2839.459 0.000 AT LEVEL 12.900 METE

VB PER 1893 = 10897.442 KG

105	FZ	76.960	MY	0.000
106	FZ	61.660	MY	0.000
112	FZ	77.876	MY	0.000
113	FZ	69.905	MY	0.000
118	FZ	69.905	MY	0.000
124	FZ	77.876	MY	0.000
125	FZ	61.660	MY	0.000
131	FZ	76.960	MY	0.000
141	FZ	67.157	MY	0.000
142	FZ	90.611	MY	0.000
143	FZ	87.801	MY	0.000
144	FZ	87.801	MY	0.000
145	FZ	90.611	MY	0.000
146	FZ	67.157	MY	0.000
164	FZ	54.055	MY	0.000
180	FZ	54.055	MY	0.000
196	FZ	67.157	MY	0.000
197	FZ	89.206	MY	0.000
198	FZ	86.397	MY	0.000
199	FZ	86.397	MY	0.000
200	FZ	89.206	MY	0.000
201	FZ	67.157	MY	0.000
207	FZ	77.621	MY	0.000
214	FZ	59.755	MY	0.000
216	FZ	38.633	MY	0.000
222	FZ	82.570	MY	0.000

224	FZ	68.500	MY	0.000	
229	FZ	68.500	MY	0.000	
235	FZ	80.664	MY	0.000	
237	FZ	33.716	MY	0.000	
241	FZ	23.180	MY	0.000	
250	FZ	114.087	MY	0.000	
257	FZ	62.962	MY	0.000	
264	FZ	59.755	MY	0.000	
266	FZ	22.477	MY	0.000	
271	FZ	27.394	MY	0.000	
274	FZ	29.318	MY	0.000	
280	FZ	74.661	MY	0.000	
282	FZ	62.179	MY	0.000	
283	FZ	62.179	MY	0.000	
288	FZ	41.948	MY	0.000	
298	FZ	69.958	MY	0.000	
303	FZ	23.180	MY	0.000	
312	FZ	105.842	MY	0.000	
319	FZ	52.223	MY	0.000	
336	FZ	64.408	MY	0.000	
337	FZ	81.480	MY	0.000	
338	FZ	78.670	MY	0.000	
339	FZ	78.670	MY	0.000	
340	FZ	81.480	MY	0.000	
341	FZ	70.821	MY	0.000	
348	FZ	52.498	MY	0.000	
349	FZ	87.801	MY	0.000	
350	FZ	84.992	MY	0.000	
351	FZ	84.992	MY	0.000	
352	FZ	87.801	MY	0.000	
353	FZ	52.498	MY	0.000	
359	FZ	53.139	MY	0.000	
387	FZ	53.139	MY	0.000	
393	FZ	73.295	MY	0.000	
394	FZ	60.255	MY	0.000	
400	FZ	65.507	MY	0.000	
401	FZ	68.500	MY	0.000	
406	FZ	76.746	MY	0.000	
416	FZ	117.516	MY	0.000	
422	FZ	73.295	MY	0.000	
		4546.375		0.000	AT LEVEL 17.100 METE

TOTAL = 4546.375 0.000 AT LEVEL 17.100 METE

VB PER 1893 = 10897.442 KG

208	FZ	40.562	MY	0.000	
215	FZ	55.092	MY	0.000	
223	FZ	135.873	MY	0.000	
236	FZ	116.079	MY	0.000	
242	FZ	75.807	MY	0.000	
251	FZ	79.229	MY	0.000	
258	FZ	40.562	MY	0.000	
265	FZ	55.092	MY	0.000	
272	FZ	46.116	MY	0.000	
281	FZ	116.079	MY	0.000	
299	FZ	116.079	MY	0.000	
304	FZ	66.331	MY	0.000	

313 FZ 79.229 MY 0.000

TOTAL = 1022.130 0.000 AT LEVEL 19.800 METE

VB PER 1893 = 10897.442 KG

FOR LOADING - 1

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
101	3.41467E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	1.31912E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
103	2.93765E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
104	6.45708E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
105	7.69599E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
106	6.16595E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
108	5.88662E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
109	2.26682E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
110	5.04816E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	1.20995E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
112	7.78761E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
113	6.99052E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
114	2.66782E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
115	6.57999E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
116	1.03504E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
117	2.30501E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
118	6.99052E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
120	5.88662E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
121	2.26682E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
122	5.04816E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
123	1.20995E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
124	7.78760E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
125	6.16595E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
127	3.41467E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	1.31912E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	2.93765E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	6.45708E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	7.69599E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	2.13737E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
133	8.29238E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
134	1.84670E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
135	3.36168E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	1.30423E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
137	2.90451E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	2.13737E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
139	8.29238E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
140	1.84670E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
141	6.71566E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
142	9.06111E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
143	8.78014E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
144	8.78014E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
145	9.06111E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
146	6.71566E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
147	2.62499E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
148	1.01842E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
149	2.26800E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
150	2.24378E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
151	8.70519E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
152	1.93863E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
153	2.24378E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
154	8.70519E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
155	1.93863E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
156	2.62499E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
157	1.01842E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
158	2.26800E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
160	4.55962E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	1.76049E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	3.92057E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	9.67848E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
164	5.40551E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
166	1.81465E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
167	1.56787E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
168	5.52007E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
169	7.04032E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
171	1.81465E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
172	1.56787E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
173	5.52007E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
174	7.04032E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
176	4.55962E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
177	1.76049E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
178	3.92057E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
179	9.67848E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
180	5.40551E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
182	5.19912E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
183	2.00434E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
184	4.46363E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
185	6.27354E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
186	4.79914E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
187	1.86193E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
188	4.14648E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
189	6.23793E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
191	5.19912E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
192	2.00434E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
193	4.46363E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
194	6.27354E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
195	1.98759E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
196	6.71566E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
197	8.92063E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
198	8.63966E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
199	8.63966E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
200	8.92063E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
201	6.71566E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
203	3.63051E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
204	1.40201E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
205	3.12224E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
206	6.00460E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
207	7.76208E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
208	4.05620E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
210	2.78779E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
211	1.07506E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
212	2.39413E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
213	4.76121E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
214	5.97551E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
215	5.50916E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
216	3.86326E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
218	7.00198E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
219	2.62881E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
220	6.01183E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
221	1.04587E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
222	8.25704E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
223	1.35873E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
224	6.85004E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
225	3.84978E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
226	6.43948E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
227	1.49360E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
228	3.32622E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
229	6.85004E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
231	7.07914E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
232	2.72948E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
233	6.07850E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
234	1.05689E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
235	8.06639E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
236	1.16079E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
237	3.37158E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
239	1.91794E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	3.24315E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
241	2.31796E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
242	7.58069E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
243	7.44103E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
244	1.65710E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
246	4.37079E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
247	1.68723E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
248	3.75742E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
249	7.27741E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
250	1.14087E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
251	7.92288E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
253	2.48760E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
254	9.58590E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
255	2.13476E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
256	3.93234E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
257	6.29618E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
258	4.05620E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
260	2.69875E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
261	1.04051E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
262	2.31720E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
263	4.55711E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
264	5.97551E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
265	5.50916E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
266	2.24772E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
268	1.61651E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
269	1.39667E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
270	2.65056E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
271	2.73940E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
272	4.61159E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
273	5.30710E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
274	2.93180E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
276	5.48007E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
277	2.08337E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
278	4.69689E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
279	7.96906E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
280	7.46607E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
281	1.16079E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
282	6.21787E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
283	6.21787E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
284	7.43156E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
285	4.33113E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
286	1.68035E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
287	3.74211E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
288	4.19484E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
289	1.89076E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
290	3.08254E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
291	7.33558E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
292	1.63362E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
294	3.99319E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
295	1.53222E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
296	3.41223E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
297	5.39368E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
298	6.99576E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
299	1.16079E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
301	1.60942E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
302	2.68012E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
303	2.31796E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
304	6.63311E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
305	6.24409E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
306	1.39055E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
308	3.37930E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
309	1.30256E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
310	2.90078E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
311	5.63046E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
312	1.05842E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
313	7.92288E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
315	1.91658E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
316	7.35066E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
317	1.63698E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
318	3.05808E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
319	5.22228E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
320	2.12832E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
321	4.40536E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
322	8.25726E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
323	1.83888E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
324	2.53428E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
325	5.37847E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
326	9.83225E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
327	2.18962E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
328	2.78997E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
329	4.65988E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
330	1.08243E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
331	2.41054E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
332	2.57227E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
333	4.16087E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
334	9.97964E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
335	2.22245E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
336	6.44081E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
337	8.14797E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
338	7.86701E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
339	7.86701E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
340	8.14797E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
341	7.08214E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
342	2.55229E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
343	9.90215E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
344	2.20519E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
345	2.81869E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
346	1.09357E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
347	2.43535E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	5.24976E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
349	8.78014E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
350	8.49918E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
351	8.49918E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
352	8.78014E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
353	5.24976E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
355	3.90537E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
356	1.50666E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
357	3.35530E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
358	8.39817E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
359	5.31390E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
361	3.48022E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
362	8.09437E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
363	1.35022E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
364	3.00692E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
365	2.41921E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
366	4.18395E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
367	9.38581E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
368	2.09020E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
369	4.40533E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
370	2.55771E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
371	9.92315E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
372	2.20987E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
373	1.38080E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
374	2.28420E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
375	5.35710E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
376	1.19302E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
378	3.31188E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
379	5.46288E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
380	1.28491E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
381	2.86147E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
383	4.31146E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
384	1.66421E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
385	3.70617E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
386	7.15857E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
387	5.31390E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
389	3.23294E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
390	1.24861E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
391	2.78063E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
392	5.29869E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
393	7.32951E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
394	6.02547E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
396	5.54801E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
397	2.13970E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
398	4.76507E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
399	9.21136E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
400	6.55075E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
401	6.85004E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
402	2.99830E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
403	4.84392E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
404	1.16325E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
405	2.59054E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
406	7.67461E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
407	2.28116E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
408	3.66940E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
409	8.85023E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
410	1.97093E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
412	4.52352E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
413	1.74223E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
414	3.87991E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
415	7.53347E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
416	1.17516E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
418	2.92559E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
419	1.12937E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
420	2.51509E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
421	4.79533E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
422	7.32951E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 1
LOADTYPE SEISMIC TITLE SEISMIC X

CENTER OF FORCE BASED ON X FORCES ONLY (METE).
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.784909331E+01
Y = 0.142504736E+02
Z = 0.105795069E+02

***TOTAL APPLIED LOAD (KG METE) SUMMARY (LOADING 1)
SUMMATION FORCE-X = 10897.44
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 0.00 MY= 115289.55 MZ= -155293.69

***TOTAL REACTION LOAD(KG METE) SUMMARY (LOADING 1)
SUMMATION FORCE-X = -10897.44
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 0.00 MY= -115289.56 MZ= 155293.68

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 1)

	MAXIMUMS	AT NODE
X =	3.96557E-01	313
Y =	1.17605E-02	409
Z =	-1.67110E-02	131
RX=	-3.60766E-05	291
RY=	7.58004E-05	141
RZ=	-2.26125E-04	358

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (KG METE)-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00	0.00	0.00	0.00	0.00	0.00	
	138.54	1623.94	6.52	13.39	1.52	-285.31	111111
2	0.00	0.00	0.00	0.00	0.00	0.00	
	892.15	-112.51	3.64	17.86	9.98	-1865.05	111111
3	0.00	0.00	0.00	0.00	0.00	0.00	
	892.26	88.30	-9.22	-46.79	10.50	-1865.18	111111
4	0.00	0.00	0.00	0.00	0.00	0.00	
	138.53	-1645.82	-10.13	-20.48	1.60	-285.29	111111
5	0.00	0.00	0.00	0.00	0.00	0.00	
	169.45	988.44	20.43	43.17	3.74	-393.15	111111
6	0.00	0.00	0.00	0.00	0.00	0.00	
	168.64	-933.51	-33.37	-67.75	3.63	-391.99	111111
7	0.00	0.00	0.00	0.00	0.00	0.00	
	652.48	553.97	19.12	26.47	8.40	-1409.24	111111
8	0.00	0.00	0.00	0.00	0.00	0.00	
	650.55	-709.63	-33.03	-50.94	8.89	-1407.06	111111
9	0.00	0.00	0.00	0.00	0.00	0.00	
	89.39	1614.32	25.54	43.72	2.67	-198.92	111111
10	0.00	0.00	0.00	0.00	0.00	0.00	
	173.16	885.03	4.21	13.37	1.56	-290.39	111111
11	0.00	0.00	0.00	0.00	0.00	0.00	
	951.41	-951.79	1.09	14.80	16.74	-2028.13	111111
12	0.00	0.00	0.00	0.00	0.00	0.00	
	883.14	49.70	35.01	1.47	15.18	-1950.80	111111

13	0.00	0.00	0.00	0.00	0.00	0.00	
	167.41	-1254.91	-43.45	-78.72	4.37	-404.89	111111

14	0.00	0.00	0.00	0.00	0.00	0.00	
	86.66	1456.01	15.69	33.14	0.59	-197.96	111111
15	0.00	0.00	0.00	0.00	0.00	0.00	
	169.25	17.69	4.68	13.84	1.99	-288.18	111111
16	0.00	0.00	0.00	0.00	0.00	0.00	
	884.43	-857.63	4.61	18.54	4.77	-1975.80	111111
17	0.00	0.00	0.00	0.00	0.00	0.00	
	916.73	-21.30	41.34	-3.49	14.32	-2009.51	111111
18	0.00	0.00	0.00	0.00	0.00	0.00	
	191.83	-1795.19	-50.86	-86.78	3.39	-436.74	111111
19	0.00	0.00	0.00	0.00	0.00	0.00	
	161.21	1089.05	24.34	47.39	1.26	-404.66	111111
20	0.00	0.00	0.00	0.00	0.00	0.00	
	177.36	737.51	28.09	51.57	4.43	-431.29	111111
21	0.00	0.00	0.00	0.00	0.00	0.00	
	169.45	-999.72	-42.67	-78.09	4.49	-422.68	111111
22	0.00	0.00	0.00	0.00	0.00	0.00	
	168.98	1438.97	9.55	16.76	2.23	-350.72	111111
23	0.00	0.00	0.00	0.00	0.00	0.00	
	898.75	-631.45	11.83	18.91	5.42	-1808.78	111111
24	0.00	0.00	0.00	0.00	0.00	0.00	
	928.19	1339.50	-18.64	-40.46	8.83	-1840.69	111111
25	0.00	0.00	0.00	0.00	0.00	0.00	
	177.53	-1968.96	-14.34	-25.19	2.38	-360.12	111111

FOR LOADING - 2
APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
101	0.00000E+00	0.00000E+00	3.41467E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0.00000E+00	0.00000E+00	1.31912E+01	0.00000E+00	0.00000E+00	0.00000E+00
103	0.00000E+00	0.00000E+00	2.93765E+01	0.00000E+00	0.00000E+00	0.00000E+00
104	0.00000E+00	0.00000E+00	6.45708E+01	0.00000E+00	0.00000E+00	0.00000E+00
105	0.00000E+00	0.00000E+00	7.69599E+01	0.00000E+00	0.00000E+00	0.00000E+00
106	0.00000E+00	0.00000E+00	6.16595E+01	0.00000E+00	0.00000E+00	0.00000E+00
108	0.00000E+00	0.00000E+00	5.88662E+00	0.00000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	0.00000E+00	2.26682E+01	0.00000E+00	0.00000E+00	0.00000E+00
110	0.00000E+00	0.00000E+00	5.04816E+01	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	0.00000E+00	1.20995E+02	0.00000E+00	0.00000E+00	0.00000E+00
112	0.00000E+00	0.00000E+00	7.78761E+01	0.00000E+00	0.00000E+00	0.00000E+00
113	0.00000E+00	0.00000E+00	6.99052E+01	0.00000E+00	0.00000E+00	0.00000E+00
114	0.00000E+00	0.00000E+00	2.66782E+00	0.00000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	0.00000E+00	6.57999E+01	0.00000E+00	0.00000E+00	0.00000E+00
116	0.00000E+00	0.00000E+00	1.03504E+01	0.00000E+00	0.00000E+00	0.00000E+00
117	0.00000E+00	0.00000E+00	2.30501E+01	0.00000E+00	0.00000E+00	0.00000E+00
118	0.00000E+00	0.00000E+00	6.99052E+01	0.00000E+00	0.00000E+00	0.00000E+00
120	0.00000E+00	0.00000E+00	5.88662E+00	0.00000E+00	0.00000E+00	0.00000E+00
121	0.00000E+00	0.00000E+00	2.26682E+01	0.00000E+00	0.00000E+00	0.00000E+00
122	0.00000E+00	0.00000E+00	5.04816E+01	0.00000E+00	0.00000E+00	0.00000E+00
123	0.00000E+00	0.00000E+00	1.20995E+02	0.00000E+00	0.00000E+00	0.00000E+00
124	0.00000E+00	0.00000E+00	7.78760E+01	0.00000E+00	0.00000E+00	0.00000E+00
125	0.00000E+00	0.00000E+00	6.16595E+01	0.00000E+00	0.00000E+00	0.00000E+00
127	0.00000E+00	0.00000E+00	3.41467E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	0.00000E+00	1.31912E+01	0.00000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	0.00000E+00	2.93765E+01	0.00000E+00	0.00000E+00	0.00000E+00
130	0.00000E+00	0.00000E+00	6.45708E+01	0.00000E+00	0.00000E+00	0.00000E+00
131	0.00000E+00	0.00000E+00	7.69599E+01	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
132	0.00000E+00	0.00000E+00	2.13737E+00	0.00000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	0.00000E+00	8.29238E+00	0.00000E+00	0.00000E+00	0.00000E+00
134	0.00000E+00	0.00000E+00	1.84670E+01	0.00000E+00	0.00000E+00	0.00000E+00
135	0.00000E+00	0.00000E+00	3.36168E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	0.00000E+00	0.00000E+00	1.30423E+01	0.00000E+00	0.00000E+00	0.00000E+00
137	0.00000E+00	0.00000E+00	2.90451E+01	0.00000E+00	0.00000E+00	0.00000E+00
138	0.00000E+00	0.00000E+00	2.13737E+00	0.00000E+00	0.00000E+00	0.00000E+00
139	0.00000E+00	0.00000E+00	8.29238E+00	0.00000E+00	0.00000E+00	0.00000E+00
140	0.00000E+00	0.00000E+00	1.84670E+01	0.00000E+00	0.00000E+00	0.00000E+00
141	0.00000E+00	0.00000E+00	6.71566E+01	0.00000E+00	0.00000E+00	0.00000E+00
142	0.00000E+00	0.00000E+00	9.06111E+01	0.00000E+00	0.00000E+00	0.00000E+00
143	0.00000E+00	0.00000E+00	8.78014E+01	0.00000E+00	0.00000E+00	0.00000E+00
144	0.00000E+00	0.00000E+00	8.78014E+01	0.00000E+00	0.00000E+00	0.00000E+00
145	0.00000E+00	0.00000E+00	9.06111E+01	0.00000E+00	0.00000E+00	0.00000E+00
146	0.00000E+00	0.00000E+00	6.71566E+01	0.00000E+00	0.00000E+00	0.00000E+00
147	0.00000E+00	0.00000E+00	2.62499E+00	0.00000E+00	0.00000E+00	0.00000E+00
148	0.00000E+00	0.00000E+00	1.01842E+01	0.00000E+00	0.00000E+00	0.00000E+00
149	0.00000E+00	0.00000E+00	2.26800E+01	0.00000E+00	0.00000E+00	0.00000E+00
150	0.00000E+00	0.00000E+00	2.24378E+00	0.00000E+00	0.00000E+00	0.00000E+00
151	0.00000E+00	0.00000E+00	8.70519E+00	0.00000E+00	0.00000E+00	0.00000E+00
152	0.00000E+00	0.00000E+00	1.93863E+01	0.00000E+00	0.00000E+00	0.00000E+00
153	0.00000E+00	0.00000E+00	2.24378E+00	0.00000E+00	0.00000E+00	0.00000E+00
154	0.00000E+00	0.00000E+00	8.70519E+00	0.00000E+00	0.00000E+00	0.00000E+00
155	0.00000E+00	0.00000E+00	1.93863E+01	0.00000E+00	0.00000E+00	0.00000E+00
156	0.00000E+00	0.00000E+00	2.62499E+00	0.00000E+00	0.00000E+00	0.00000E+00
157	0.00000E+00	0.00000E+00	1.01842E+01	0.00000E+00	0.00000E+00	0.00000E+00
158	0.00000E+00	0.00000E+00	2.26800E+01	0.00000E+00	0.00000E+00	0.00000E+00
160	0.00000E+00	0.00000E+00	4.55962E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	0.00000E+00	0.00000E+00	1.76049E+01	0.00000E+00	0.00000E+00	0.00000E+00
162	0.00000E+00	0.00000E+00	3.92057E+01	0.00000E+00	0.00000E+00	0.00000E+00
163	0.00000E+00	0.00000E+00	9.67848E+01	0.00000E+00	0.00000E+00	0.00000E+00
164	0.00000E+00	0.00000E+00	5.40551E+01	0.00000E+00	0.00000E+00	0.00000E+00
166	0.00000E+00	0.00000E+00	1.81465E+00	0.00000E+00	0.00000E+00	0.00000E+00
167	0.00000E+00	0.00000E+00	1.56787E+01	0.00000E+00	0.00000E+00	0.00000E+00
168	0.00000E+00	0.00000E+00	5.52007E+01	0.00000E+00	0.00000E+00	0.00000E+00
169	0.00000E+00	0.00000E+00	7.04032E+00	0.00000E+00	0.00000E+00	0.00000E+00
171	0.00000E+00	0.00000E+00	1.81465E+00	0.00000E+00	0.00000E+00	0.00000E+00
172	0.00000E+00	0.00000E+00	1.56787E+01	0.00000E+00	0.00000E+00	0.00000E+00
173	0.00000E+00	0.00000E+00	5.52007E+01	0.00000E+00	0.00000E+00	0.00000E+00
174	0.00000E+00	0.00000E+00	7.04032E+00	0.00000E+00	0.00000E+00	0.00000E+00
176	0.00000E+00	0.00000E+00	4.55962E+00	0.00000E+00	0.00000E+00	0.00000E+00
177	0.00000E+00	0.00000E+00	1.76049E+01	0.00000E+00	0.00000E+00	0.00000E+00
178	0.00000E+00	0.00000E+00	3.92057E+01	0.00000E+00	0.00000E+00	0.00000E+00
179	0.00000E+00	0.00000E+00	9.67848E+01	0.00000E+00	0.00000E+00	0.00000E+00
180	0.00000E+00	0.00000E+00	5.40551E+01	0.00000E+00	0.00000E+00	0.00000E+00
182	0.00000E+00	0.00000E+00	5.19912E+00	0.00000E+00	0.00000E+00	0.00000E+00
183	0.00000E+00	0.00000E+00	2.00434E+01	0.00000E+00	0.00000E+00	0.00000E+00
184	0.00000E+00	0.00000E+00	4.46363E+01	0.00000E+00	0.00000E+00	0.00000E+00
185	0.00000E+00	0.00000E+00	6.27354E+01	0.00000E+00	0.00000E+00	0.00000E+00
186	0.00000E+00	0.00000E+00	4.79914E+00	0.00000E+00	0.00000E+00	0.00000E+00
187	0.00000E+00	0.00000E+00	1.86193E+01	0.00000E+00	0.00000E+00	0.00000E+00
188	0.00000E+00	0.00000E+00	4.14648E+01	0.00000E+00	0.00000E+00	0.00000E+00
189	0.00000E+00	0.00000E+00	6.23793E+01	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
191	0.00000E+00	0.00000E+00	5.19912E+00	0.00000E+00	0.00000E+00	0.00000E+00
192	0.00000E+00	0.00000E+00	2.00434E+01	0.00000E+00	0.00000E+00	0.00000E+00
193	0.00000E+00	0.00000E+00	4.46363E+01	0.00000E+00	0.00000E+00	0.00000E+00
194	0.00000E+00	0.00000E+00	6.27354E+01	0.00000E+00	0.00000E+00	0.00000E+00
195	0.00000E+00	0.00000E+00	1.98759E+01	0.00000E+00	0.00000E+00	0.00000E+00
196	0.00000E+00	0.00000E+00	6.71566E+01	0.00000E+00	0.00000E+00	0.00000E+00
197	0.00000E+00	0.00000E+00	8.92063E+01	0.00000E+00	0.00000E+00	0.00000E+00
198	0.00000E+00	0.00000E+00	8.63966E+01	0.00000E+00	0.00000E+00	0.00000E+00
199	0.00000E+00	0.00000E+00	8.63966E+01	0.00000E+00	0.00000E+00	0.00000E+00
200	0.00000E+00	0.00000E+00	8.92063E+01	0.00000E+00	0.00000E+00	0.00000E+00
201	0.00000E+00	0.00000E+00	6.71566E+01	0.00000E+00	0.00000E+00	0.00000E+00
203	0.00000E+00	0.00000E+00	3.63051E+00	0.00000E+00	0.00000E+00	0.00000E+00
204	0.00000E+00	0.00000E+00	1.40201E+01	0.00000E+00	0.00000E+00	0.00000E+00
205	0.00000E+00	0.00000E+00	3.12224E+01	0.00000E+00	0.00000E+00	0.00000E+00
206	0.00000E+00	0.00000E+00	6.00460E+01	0.00000E+00	0.00000E+00	0.00000E+00
207	0.00000E+00	0.00000E+00	7.76208E+01	0.00000E+00	0.00000E+00	0.00000E+00
208	0.00000E+00	0.00000E+00	4.05620E+01	0.00000E+00	0.00000E+00	0.00000E+00
210	0.00000E+00	0.00000E+00	2.78779E+00	0.00000E+00	0.00000E+00	0.00000E+00
211	0.00000E+00	0.00000E+00	1.07506E+01	0.00000E+00	0.00000E+00	0.00000E+00
212	0.00000E+00	0.00000E+00	2.39413E+01	0.00000E+00	0.00000E+00	0.00000E+00
213	0.00000E+00	0.00000E+00	4.76121E+01	0.00000E+00	0.00000E+00	0.00000E+00
214	0.00000E+00	0.00000E+00	5.97551E+01	0.00000E+00	0.00000E+00	0.00000E+00
215	0.00000E+00	0.00000E+00	5.50916E+01	0.00000E+00	0.00000E+00	0.00000E+00
216	0.00000E+00	0.00000E+00	3.86326E+01	0.00000E+00	0.00000E+00	0.00000E+00
218	0.00000E+00	0.00000E+00	7.00198E+00	0.00000E+00	0.00000E+00	0.00000E+00
219	0.00000E+00	0.00000E+00	2.62881E+01	0.00000E+00	0.00000E+00	0.00000E+00
220	0.00000E+00	0.00000E+00	6.01183E+01	0.00000E+00	0.00000E+00	0.00000E+00
221	0.00000E+00	0.00000E+00	1.04587E+02	0.00000E+00	0.00000E+00	0.00000E+00
222	0.00000E+00	0.00000E+00	8.25704E+01	0.00000E+00	0.00000E+00	0.00000E+00
223	0.00000E+00	0.00000E+00	1.35873E+02	0.00000E+00	0.00000E+00	0.00000E+00
224	0.00000E+00	0.00000E+00	6.85004E+01	0.00000E+00	0.00000E+00	0.00000E+00
225	0.00000E+00	0.00000E+00	3.84978E+00	0.00000E+00	0.00000E+00	0.00000E+00
226	0.00000E+00	0.00000E+00	6.43948E+01	0.00000E+00	0.00000E+00	0.00000E+00
227	0.00000E+00	0.00000E+00	1.49360E+01	0.00000E+00	0.00000E+00	0.00000E+00
228	0.00000E+00	0.00000E+00	3.32622E+01	0.00000E+00	0.00000E+00	0.00000E+00
229	0.00000E+00	0.00000E+00	6.85004E+01	0.00000E+00	0.00000E+00	0.00000E+00
231	0.00000E+00	0.00000E+00	7.07914E+00	0.00000E+00	0.00000E+00	0.00000E+00
232	0.00000E+00	0.00000E+00	2.72948E+01	0.00000E+00	0.00000E+00	0.00000E+00
233	0.00000E+00	0.00000E+00	6.07850E+01	0.00000E+00	0.00000E+00	0.00000E+00
234	0.00000E+00	0.00000E+00	1.05689E+02	0.00000E+00	0.00000E+00	0.00000E+00
235	0.00000E+00	0.00000E+00	8.06639E+01	0.00000E+00	0.00000E+00	0.00000E+00
236	0.00000E+00	0.00000E+00	1.16079E+02	0.00000E+00	0.00000E+00	0.00000E+00
237	0.00000E+00	0.00000E+00	3.37158E+01	0.00000E+00	0.00000E+00	0.00000E+00
239	0.00000E+00	0.00000E+00	1.91794E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	0.00000E+00	0.00000E+00	3.24315E+01	0.00000E+00	0.00000E+00	0.00000E+00
241	0.00000E+00	0.00000E+00	2.31796E+01	0.00000E+00	0.00000E+00	0.00000E+00
242	0.00000E+00	0.00000E+00	7.58069E+01	0.00000E+00	0.00000E+00	0.00000E+00
243	0.00000E+00	0.00000E+00	7.44103E+00	0.00000E+00	0.00000E+00	0.00000E+00
244	0.00000E+00	0.00000E+00	1.65710E+01	0.00000E+00	0.00000E+00	0.00000E+00
246	0.00000E+00	0.00000E+00	4.37079E+00	0.00000E+00	0.00000E+00	0.00000E+00
247	0.00000E+00	0.00000E+00	1.68723E+01	0.00000E+00	0.00000E+00	0.00000E+00
248	0.00000E+00	0.00000E+00	3.75742E+01	0.00000E+00	0.00000E+00	0.00000E+00
249	0.00000E+00	0.00000E+00	7.27741E+01	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
250	0.00000E+00	0.00000E+00	1.14087E+02	0.00000E+00	0.00000E+00	0.00000E+00
251	0.00000E+00	0.00000E+00	7.92288E+01	0.00000E+00	0.00000E+00	0.00000E+00
253	0.00000E+00	0.00000E+00	2.48760E+00	0.00000E+00	0.00000E+00	0.00000E+00
254	0.00000E+00	0.00000E+00	9.58590E+00	0.00000E+00	0.00000E+00	0.00000E+00
255	0.00000E+00	0.00000E+00	2.13476E+01	0.00000E+00	0.00000E+00	0.00000E+00
256	0.00000E+00	0.00000E+00	3.93234E+01	0.00000E+00	0.00000E+00	0.00000E+00
257	0.00000E+00	0.00000E+00	6.29618E+01	0.00000E+00	0.00000E+00	0.00000E+00
258	0.00000E+00	0.00000E+00	4.05620E+01	0.00000E+00	0.00000E+00	0.00000E+00
260	0.00000E+00	0.00000E+00	2.69875E+00	0.00000E+00	0.00000E+00	0.00000E+00
261	0.00000E+00	0.00000E+00	1.04051E+01	0.00000E+00	0.00000E+00	0.00000E+00
262	0.00000E+00	0.00000E+00	2.31720E+01	0.00000E+00	0.00000E+00	0.00000E+00
263	0.00000E+00	0.00000E+00	4.55711E+01	0.00000E+00	0.00000E+00	0.00000E+00
264	0.00000E+00	0.00000E+00	5.97551E+01	0.00000E+00	0.00000E+00	0.00000E+00
265	0.00000E+00	0.00000E+00	5.50916E+01	0.00000E+00	0.00000E+00	0.00000E+00
266	0.00000E+00	0.00000E+00	2.24772E+01	0.00000E+00	0.00000E+00	0.00000E+00
268	0.00000E+00	0.00000E+00	1.61651E+00	0.00000E+00	0.00000E+00	0.00000E+00
269	0.00000E+00	0.00000E+00	1.39667E+01	0.00000E+00	0.00000E+00	0.00000E+00
270	0.00000E+00	0.00000E+00	2.65056E+01	0.00000E+00	0.00000E+00	0.00000E+00
271	0.00000E+00	0.00000E+00	2.73940E+01	0.00000E+00	0.00000E+00	0.00000E+00
272	0.00000E+00	0.00000E+00	4.61159E+01	0.00000E+00	0.00000E+00	0.00000E+00
273	0.00000E+00	0.00000E+00	5.30710E+00	0.00000E+00	0.00000E+00	0.00000E+00
274	0.00000E+00	0.00000E+00	2.93180E+01	0.00000E+00	0.00000E+00	0.00000E+00
276	0.00000E+00	0.00000E+00	5.48007E+00	0.00000E+00	0.00000E+00	0.00000E+00
277	0.00000E+00	0.00000E+00	2.08337E+01	0.00000E+00	0.00000E+00	0.00000E+00
278	0.00000E+00	0.00000E+00	4.69689E+01	0.00000E+00	0.00000E+00	0.00000E+00
279	0.00000E+00	0.00000E+00	7.96906E+01	0.00000E+00	0.00000E+00	0.00000E+00
280	0.00000E+00	0.00000E+00	7.46607E+01	0.00000E+00	0.00000E+00	0.00000E+00
281	0.00000E+00	0.00000E+00	1.16079E+02	0.00000E+00	0.00000E+00	0.00000E+00
282	0.00000E+00	0.00000E+00	6.21787E+01	0.00000E+00	0.00000E+00	0.00000E+00
283	0.00000E+00	0.00000E+00	6.21787E+01	0.00000E+00	0.00000E+00	0.00000E+00
284	0.00000E+00	0.00000E+00	7.43156E+01	0.00000E+00	0.00000E+00	0.00000E+00
285	0.00000E+00	0.00000E+00	4.33113E+00	0.00000E+00	0.00000E+00	0.00000E+00
286	0.00000E+00	0.00000E+00	1.68035E+01	0.00000E+00	0.00000E+00	0.00000E+00
287	0.00000E+00	0.00000E+00	3.74211E+01	0.00000E+00	0.00000E+00	0.00000E+00
288	0.00000E+00	0.00000E+00	4.19484E+01	0.00000E+00	0.00000E+00	0.00000E+00
289	0.00000E+00	0.00000E+00	1.89076E+00	0.00000E+00	0.00000E+00	0.00000E+00
290	0.00000E+00	0.00000E+00	3.08254E+01	0.00000E+00	0.00000E+00	0.00000E+00
291	0.00000E+00	0.00000E+00	7.33558E+00	0.00000E+00	0.00000E+00	0.00000E+00
292	0.00000E+00	0.00000E+00	1.63362E+01	0.00000E+00	0.00000E+00	0.00000E+00
294	0.00000E+00	0.00000E+00	3.99319E+00	0.00000E+00	0.00000E+00	0.00000E+00
295	0.00000E+00	0.00000E+00	1.53222E+01	0.00000E+00	0.00000E+00	0.00000E+00
296	0.00000E+00	0.00000E+00	3.41223E+01	0.00000E+00	0.00000E+00	0.00000E+00
297	0.00000E+00	0.00000E+00	5.39368E+01	0.00000E+00	0.00000E+00	0.00000E+00
298	0.00000E+00	0.00000E+00	6.99576E+01	0.00000E+00	0.00000E+00	0.00000E+00
299	0.00000E+00	0.00000E+00	1.16079E+02	0.00000E+00	0.00000E+00	0.00000E+00
301	0.00000E+00	0.00000E+00	1.60942E+00	0.00000E+00	0.00000E+00	0.00000E+00
302	0.00000E+00	0.00000E+00	2.68012E+01	0.00000E+00	0.00000E+00	0.00000E+00
303	0.00000E+00	0.00000E+00	2.31796E+01	0.00000E+00	0.00000E+00	0.00000E+00
304	0.00000E+00	0.00000E+00	6.63311E+01	0.00000E+00	0.00000E+00	0.00000E+00
305	0.00000E+00	0.00000E+00	6.24409E+00	0.00000E+00	0.00000E+00	0.00000E+00
306	0.00000E+00	0.00000E+00	1.39055E+01	0.00000E+00	0.00000E+00	0.00000E+00
308	0.00000E+00	0.00000E+00	3.37930E+00	0.00000E+00	0.00000E+00	0.00000E+00
309	0.00000E+00	0.00000E+00	1.30256E+01	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
310	0.00000E+00	0.00000E+00	2.90078E+01	0.00000E+00	0.00000E+00	0.00000E+00
311	0.00000E+00	0.00000E+00	5.63046E+01	0.00000E+00	0.00000E+00	0.00000E+00
312	0.00000E+00	0.00000E+00	1.05842E+02	0.00000E+00	0.00000E+00	0.00000E+00
313	0.00000E+00	0.00000E+00	7.92288E+01	0.00000E+00	0.00000E+00	0.00000E+00
315	0.00000E+00	0.00000E+00	1.91658E+00	0.00000E+00	0.00000E+00	0.00000E+00
316	0.00000E+00	0.00000E+00	7.35066E+00	0.00000E+00	0.00000E+00	0.00000E+00
317	0.00000E+00	0.00000E+00	1.63698E+01	0.00000E+00	0.00000E+00	0.00000E+00
318	0.00000E+00	0.00000E+00	3.05808E+01	0.00000E+00	0.00000E+00	0.00000E+00
319	0.00000E+00	0.00000E+00	5.22228E+01	0.00000E+00	0.00000E+00	0.00000E+00
320	0.00000E+00	0.00000E+00	2.12832E+00	0.00000E+00	0.00000E+00	0.00000E+00
321	0.00000E+00	0.00000E+00	4.40536E+01	0.00000E+00	0.00000E+00	0.00000E+00
322	0.00000E+00	0.00000E+00	8.25726E+00	0.00000E+00	0.00000E+00	0.00000E+00
323	0.00000E+00	0.00000E+00	1.83888E+01	0.00000E+00	0.00000E+00	0.00000E+00
324	0.00000E+00	0.00000E+00	2.53428E+00	0.00000E+00	0.00000E+00	0.00000E+00
325	0.00000E+00	0.00000E+00	5.37847E+01	0.00000E+00	0.00000E+00	0.00000E+00
326	0.00000E+00	0.00000E+00	9.83225E+00	0.00000E+00	0.00000E+00	0.00000E+00
327	0.00000E+00	0.00000E+00	2.18962E+01	0.00000E+00	0.00000E+00	0.00000E+00
328	0.00000E+00	0.00000E+00	2.78997E+00	0.00000E+00	0.00000E+00	0.00000E+00
329	0.00000E+00	0.00000E+00	4.65988E+01	0.00000E+00	0.00000E+00	0.00000E+00
330	0.00000E+00	0.00000E+00	1.08243E+01	0.00000E+00	0.00000E+00	0.00000E+00
331	0.00000E+00	0.00000E+00	2.41054E+01	0.00000E+00	0.00000E+00	0.00000E+00
332	0.00000E+00	0.00000E+00	2.57227E+00	0.00000E+00	0.00000E+00	0.00000E+00
333	0.00000E+00	0.00000E+00	4.16087E+01	0.00000E+00	0.00000E+00	0.00000E+00
334	0.00000E+00	0.00000E+00	9.97964E+00	0.00000E+00	0.00000E+00	0.00000E+00
335	0.00000E+00	0.00000E+00	2.22245E+01	0.00000E+00	0.00000E+00	0.00000E+00
336	0.00000E+00	0.00000E+00	6.44081E+01	0.00000E+00	0.00000E+00	0.00000E+00
337	0.00000E+00	0.00000E+00	8.14797E+01	0.00000E+00	0.00000E+00	0.00000E+00
338	0.00000E+00	0.00000E+00	7.86701E+01	0.00000E+00	0.00000E+00	0.00000E+00
339	0.00000E+00	0.00000E+00	7.86701E+01	0.00000E+00	0.00000E+00	0.00000E+00
340	0.00000E+00	0.00000E+00	8.14797E+01	0.00000E+00	0.00000E+00	0.00000E+00
341	0.00000E+00	0.00000E+00	7.08214E+01	0.00000E+00	0.00000E+00	0.00000E+00
342	0.00000E+00	0.00000E+00	2.55229E+00	0.00000E+00	0.00000E+00	0.00000E+00
343	0.00000E+00	0.00000E+00	9.90215E+00	0.00000E+00	0.00000E+00	0.00000E+00
344	0.00000E+00	0.00000E+00	2.20519E+01	0.00000E+00	0.00000E+00	0.00000E+00
345	0.00000E+00	0.00000E+00	2.81869E+00	0.00000E+00	0.00000E+00	0.00000E+00
346	0.00000E+00	0.00000E+00	1.09357E+01	0.00000E+00	0.00000E+00	0.00000E+00
347	0.00000E+00	0.00000E+00	2.43535E+01	0.00000E+00	0.00000E+00	0.00000E+00
348	0.00000E+00	0.00000E+00	5.24976E+01	0.00000E+00	0.00000E+00	0.00000E+00
349	0.00000E+00	0.00000E+00	8.78014E+01	0.00000E+00	0.00000E+00	0.00000E+00
350	0.00000E+00	0.00000E+00	8.49918E+01	0.00000E+00	0.00000E+00	0.00000E+00
351	0.00000E+00	0.00000E+00	8.49918E+01	0.00000E+00	0.00000E+00	0.00000E+00
352	0.00000E+00	0.00000E+00	8.78014E+01	0.00000E+00	0.00000E+00	0.00000E+00
353	0.00000E+00	0.00000E+00	5.24976E+01	0.00000E+00	0.00000E+00	0.00000E+00
355	0.00000E+00	0.00000E+00	3.90537E+00	0.00000E+00	0.00000E+00	0.00000E+00
356	0.00000E+00	0.00000E+00	1.50666E+01	0.00000E+00	0.00000E+00	0.00000E+00
357	0.00000E+00	0.00000E+00	3.35530E+01	0.00000E+00	0.00000E+00	0.00000E+00
358	0.00000E+00	0.00000E+00	8.39817E+01	0.00000E+00	0.00000E+00	0.00000E+00
359	0.00000E+00	0.00000E+00	5.31390E+01	0.00000E+00	0.00000E+00	0.00000E+00
361	0.00000E+00	0.00000E+00	3.48022E+00	0.00000E+00	0.00000E+00	0.00000E+00
362	0.00000E+00	0.00000E+00	8.09437E+01	0.00000E+00	0.00000E+00	0.00000E+00
363	0.00000E+00	0.00000E+00	1.35022E+01	0.00000E+00	0.00000E+00	0.00000E+00
364	0.00000E+00	0.00000E+00	3.00692E+01	0.00000E+00	0.00000E+00	0.00000E+00
365	0.00000E+00	0.00000E+00	2.41921E+00	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
366	0.00000E+00	0.00000E+00	4.18395E+01	0.00000E+00	0.00000E+00	0.00000E+00
367	0.00000E+00	0.00000E+00	9.38581E+00	0.00000E+00	0.00000E+00	0.00000E+00
368	0.00000E+00	0.00000E+00	2.09020E+01	0.00000E+00	0.00000E+00	0.00000E+00
369	0.00000E+00	0.00000E+00	4.40533E+01	0.00000E+00	0.00000E+00	0.00000E+00
370	0.00000E+00	0.00000E+00	2.55771E+00	0.00000E+00	0.00000E+00	0.00000E+00
371	0.00000E+00	0.00000E+00	9.92315E+00	0.00000E+00	0.00000E+00	0.00000E+00
372	0.00000E+00	0.00000E+00	2.20987E+01	0.00000E+00	0.00000E+00	0.00000E+00
373	0.00000E+00	0.00000E+00	1.38080E+00	0.00000E+00	0.00000E+00	0.00000E+00
374	0.00000E+00	0.00000E+00	2.28420E+01	0.00000E+00	0.00000E+00	0.00000E+00
375	0.00000E+00	0.00000E+00	5.35710E+00	0.00000E+00	0.00000E+00	0.00000E+00
376	0.00000E+00	0.00000E+00	1.19302E+01	0.00000E+00	0.00000E+00	0.00000E+00
378	0.00000E+00	0.00000E+00	3.31188E+00	0.00000E+00	0.00000E+00	0.00000E+00
379	0.00000E+00	0.00000E+00	5.46288E+01	0.00000E+00	0.00000E+00	0.00000E+00
380	0.00000E+00	0.00000E+00	1.28491E+01	0.00000E+00	0.00000E+00	0.00000E+00
381	0.00000E+00	0.00000E+00	2.86147E+01	0.00000E+00	0.00000E+00	0.00000E+00
383	0.00000E+00	0.00000E+00	4.31146E+00	0.00000E+00	0.00000E+00	0.00000E+00
384	0.00000E+00	0.00000E+00	1.66421E+01	0.00000E+00	0.00000E+00	0.00000E+00
385	0.00000E+00	0.00000E+00	3.70617E+01	0.00000E+00	0.00000E+00	0.00000E+00
386	0.00000E+00	0.00000E+00	7.15857E+01	0.00000E+00	0.00000E+00	0.00000E+00
387	0.00000E+00	0.00000E+00	5.31390E+01	0.00000E+00	0.00000E+00	0.00000E+00
389	0.00000E+00	0.00000E+00	3.23294E+00	0.00000E+00	0.00000E+00	0.00000E+00
390	0.00000E+00	0.00000E+00	1.24861E+01	0.00000E+00	0.00000E+00	0.00000E+00
391	0.00000E+00	0.00000E+00	2.78063E+01	0.00000E+00	0.00000E+00	0.00000E+00
392	0.00000E+00	0.00000E+00	5.29869E+01	0.00000E+00	0.00000E+00	0.00000E+00
393	0.00000E+00	0.00000E+00	7.32951E+01	0.00000E+00	0.00000E+00	0.00000E+00
394	0.00000E+00	0.00000E+00	6.02547E+01	0.00000E+00	0.00000E+00	0.00000E+00
396	0.00000E+00	0.00000E+00	5.54801E+00	0.00000E+00	0.00000E+00	0.00000E+00
397	0.00000E+00	0.00000E+00	2.13970E+01	0.00000E+00	0.00000E+00	0.00000E+00
398	0.00000E+00	0.00000E+00	4.76507E+01	0.00000E+00	0.00000E+00	0.00000E+00
399	0.00000E+00	0.00000E+00	9.21136E+01	0.00000E+00	0.00000E+00	0.00000E+00
400	0.00000E+00	0.00000E+00	6.55075E+01	0.00000E+00	0.00000E+00	0.00000E+00
401	0.00000E+00	0.00000E+00	6.85004E+01	0.00000E+00	0.00000E+00	0.00000E+00
402	0.00000E+00	0.00000E+00	2.99830E+00	0.00000E+00	0.00000E+00	0.00000E+00
403	0.00000E+00	0.00000E+00	4.84392E+01	0.00000E+00	0.00000E+00	0.00000E+00
404	0.00000E+00	0.00000E+00	1.16325E+01	0.00000E+00	0.00000E+00	0.00000E+00
405	0.00000E+00	0.00000E+00	2.59054E+01	0.00000E+00	0.00000E+00	0.00000E+00
406	0.00000E+00	0.00000E+00	7.67461E+01	0.00000E+00	0.00000E+00	0.00000E+00
407	0.00000E+00	0.00000E+00	2.28116E+00	0.00000E+00	0.00000E+00	0.00000E+00
408	0.00000E+00	0.00000E+00	3.66940E+01	0.00000E+00	0.00000E+00	0.00000E+00
409	0.00000E+00	0.00000E+00	8.85023E+00	0.00000E+00	0.00000E+00	0.00000E+00
410	0.00000E+00	0.00000E+00	1.97093E+01	0.00000E+00	0.00000E+00	0.00000E+00
412	0.00000E+00	0.00000E+00	4.52352E+00	0.00000E+00	0.00000E+00	0.00000E+00
413	0.00000E+00	0.00000E+00	1.74223E+01	0.00000E+00	0.00000E+00	0.00000E+00
414	0.00000E+00	0.00000E+00	3.87991E+01	0.00000E+00	0.00000E+00	0.00000E+00
415	0.00000E+00	0.00000E+00	7.53347E+01	0.00000E+00	0.00000E+00	0.00000E+00
416	0.00000E+00	0.00000E+00	1.17516E+02	0.00000E+00	0.00000E+00	0.00000E+00
418	0.00000E+00	0.00000E+00	2.92559E+00	0.00000E+00	0.00000E+00	0.00000E+00
419	0.00000E+00	0.00000E+00	1.12937E+01	0.00000E+00	0.00000E+00	0.00000E+00
420	0.00000E+00	0.00000E+00	2.51509E+01	0.00000E+00	0.00000E+00	0.00000E+00
421	0.00000E+00	0.00000E+00	4.79533E+01	0.00000E+00	0.00000E+00	0.00000E+00
422	0.00000E+00	0.00000E+00	7.32951E+01	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 2
LOADTYPE SEISMIC TITLE SEISMIC Z

CENTER OF FORCE BASED ON Z FORCES ONLY (METE).
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.784909331E+01
Y = 0.142504736E+02
Z = 0.105795069E+02

***TOTAL APPLIED LOAD (KG METE) SUMMARY (LOADING 2)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = 10897.44

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 155293.69 MY= -85535.03 MZ= 0.00

***TOTAL REACTION LOAD(KG METE) SUMMARY (LOADING 2)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = -10897.44

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -155293.70 MY= 85535.03 MZ= 0.00

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 2)

	MAXIMUMS	AT NODE
X =	-1.85746E-02	393
Y =	-1.43650E-02	330
Z =	2.83899E-01	236
RX=	1.73448E-04	124
RY=	-8.05322E-05	264
RZ=	2.69039E-05	146

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (KG METE)-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00	0.00	0.00	0.00	0.00	0.00	
	5.74	751.03	101.72	205.72	0.75	-12.27	111111
2	0.00	0.00	0.00	0.00	0.00	0.00	
	44.62	1061.73	499.99	1518.87	-5.04	-88.69	111111
3	0.00	0.00	0.00	0.00	0.00	0.00	
	36.94	1163.10	559.04	1674.88	-15.94	-80.50	111111
4	0.00	0.00	0.00	0.00	0.00	0.00	
	7.08	740.61	115.03	233.77	-2.64	-13.78	111111
5	0.00	0.00	0.00	0.00	0.00	0.00	
	3.75	730.73	410.85	761.64	-1.42	-7.50	111111

6	0.00	0.00	0.00	0.00	0.00	0.00	
	2.40	828.36	470.62	871.49	-2.43	-5.83	111111
7	0.00	0.00	0.00	0.00	0.00	0.00	
	9.87	1434.55	494.50	953.03	-6.23	-19.12	111111
8	0.00	0.00	0.00	0.00	0.00	0.00	
	5.86	1465.01	548.23	1051.20	-4.65	-14.30	111111
9	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.34	857.72	340.48	611.49	0.21	1.22	111111
10	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.69	1631.51	234.87	481.90	2.52	2.71	111111
11	0.00	0.00	0.00	0.00	0.00	0.00	
	-20.19	1630.01	944.47	1992.98	-1.82	29.71	111111
12	0.00	0.00	0.00	0.00	0.00	0.00	
	10.81	147.76	955.93	2103.53	-7.40	-5.17	111111
13	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.72	259.87	461.59	861.78	-2.42	4.30	111111
14	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.67	692.80	344.82	616.24	-0.14	3.88	111111
15	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.61	-1262.26	242.38	489.98	2.48	3.80	111111
16	0.00	0.00	0.00	0.00	0.00	0.00	
	-13.08	-3436.39	862.96	1905.16	-9.17	25.90	111111
17	0.00	0.00	0.00	0.00	0.00	0.00	
	45.02	-1717.17	725.10	1862.25	-11.80	-37.42	111111
18	0.00	0.00	0.00	0.00	0.00	0.00	
	3.35	-435.01	449.91	849.17	-2.45	-1.23	111111
19	0.00	0.00	0.00	0.00	0.00	0.00	
	-5.20	-1827.54	442.52	796.08	-2.41	9.36	111111
20	0.00	0.00	0.00	0.00	0.00	0.00	
	-11.39	-396.20	430.45	783.07	-1.32	21.66	111111
21	0.00	0.00	0.00	0.00	0.00	0.00	
	-2.11	-41.12	484.36	886.16	-1.63	11.66	111111
22	0.00	0.00	0.00	0.00	0.00	0.00	
	-7.69	-1281.90	105.22	209.69	0.85	16.94	111111
23	0.00	0.00	0.00	0.00	0.00	0.00	
	-49.06	-709.89	251.05	689.80	-1.37	96.13	111111
24	0.00	0.00	0.00	0.00	0.00	0.00	
	-45.38	-1032.72	302.52	788.35	-11.75	92.44	111111
25	0.00	0.00	0.00	0.00	0.00	0.00	
	-11.29	-1254.59	118.84	237.93	-3.63	20.94	111111

FOR LOADING - 5
APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.00000E+00	-1.81638E+03	0.00000E+00	6.22759E+02	0.00000E+00	-4.76800E+02
2	0.00000E+00	-3.71385E+03	0.00000E+00	6.22759E+02	0.00000E+00	-9.63601E+02
3	0.00000E+00	-3.71385E+03	0.00000E+00	6.22759E+02	0.00000E+00	9.63601E+02
4	0.00000E+00	-1.81638E+03	0.00000E+00	6.22759E+02	0.00000E+00	4.76800E+02

5	0.00000E+00	-2.77322E+03	0.00000E+00	0.00000E+00	0.00000E+00 -4.76800E+02
6	0.00000E+00	-2.77322E+03	0.00000E+00	0.00000E+00	0.00000E+00 4.76800E+02
7	0.00000E+00	-2.76512E+03	0.00000E+00	4.41121E+02	0.00000E+00 -1.44040E+03
8	0.00000E+00	-2.76512E+03	0.00000E+00	4.41121E+02	0.00000E+00 1.44040E+03
9	0.00000E+00	-4.33746E+03	0.00000E+00	1.22301E+01	0.00000E+00 -4.25075E+02
10	0.00000E+00	-3.94824E+03	0.00000E+00	6.34989E+02	0.00000E+00 2.69386E+02
11	0.00000E+00	-3.66520E+03	0.00000E+00	-3.23543E+02	0.00000E+00 -1.28471E+03
12	0.00000E+00	-4.25738E+03	0.00000E+00	-4.54366E+02	0.00000E+00 1.06124E+03

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
13	0.00000E+00	-5.64310E+03	0.00000E+00	5.58006E+02	0.00000E+00	8.19975E+02
14	0.00000E+00	-3.80228E+03	0.00000E+00	-5.74173E+02	0.00000E+00	-4.25075E+02
15	0.00000E+00	-3.94824E+03	0.00000E+00	-6.34989E+02	0.00000E+00	2.69386E+02
16	0.00000E+00	-3.40571E+03	0.00000E+00	7.70881E+02	0.00000E+00	-1.81746E+03
17	0.00000E+00	-3.90571E+03	0.00000E+00	7.88180E+02	0.00000E+00	1.73350E+03
18	0.00000E+00	-5.74041E+03	0.00000E+00	-3.92585E+02	0.00000E+00	8.19975E+02
19	0.00000E+00	-1.54068E+03	0.00000E+00	5.36265E+02	0.00000E+00	0.00000E+00
20	0.00000E+00	-2.44887E+03	0.00000E+00	-3.69763E+02	0.00000E+00	-4.76800E+02
21	0.00000E+00	-2.41644E+03	0.00000E+00	-5.60862E+02	0.00000E+00	2.94351E+02
22	0.00000E+00	-1.50824E+03	0.00000E+00	-2.27318E+02	0.00000E+00	-4.76800E+02
23	0.00000E+00	-3.28408E+03	0.00000E+00	-2.27318E+02	0.00000E+00	-1.34066E+03
24	0.00000E+00	-3.13812E+03	0.00000E+00	-2.27318E+02	0.00000E+00	1.52311E+03
25	0.00000E+00	-1.36229E+03	0.00000E+00	-2.27318E+02	0.00000E+00	2.94351E+02
101	0.00000E+00	-6.98479E+03	0.00000E+00	4.11292E+02	0.00000E+00	-6.51656E+02
102	0.00000E+00	-6.97398E+03	0.00000E+00	4.11292E+02	0.00000E+00	-6.51656E+02
103	0.00000E+00	-6.97398E+03	0.00000E+00	4.11292E+02	0.00000E+00	-6.51656E+02
104	0.00000E+00	-1.11968E+04	0.00000E+00	1.66513E+02	0.00000E+00	2.72603E+02
105	0.00000E+00	-4.30794E+03	0.00000E+00	-4.99771E+02	0.00000E+00	4.99771E+02
106	0.00000E+00	-5.80400E+03	0.00000E+00	-6.68810E+03	0.00000E+00	1.91265E+03
108	0.00000E+00	-1.27621E+04	0.00000E+00	9.88791E+01	0.00000E+00	2.05065E+03
109	0.00000E+00	-1.27296E+04	0.00000E+00	9.88791E+01	0.00000E+00	2.05065E+03
110	0.00000E+00	-1.27296E+04	0.00000E+00	9.88791E+01	0.00000E+00	2.05065E+03
111	0.00000E+00	-1.74667E+04	0.00000E+00	-1.28067E+04	0.00000E+00	2.84312E+03
112	0.00000E+00	-3.83974E+03	0.00000E+00	-3.72000E+03	0.00000E+00	-5.92421E+02
113	0.00000E+00	-5.88438E+03	0.00000E+00	-4.61075E+03	0.00000E+00	-4.69092E+02
114	0.00000E+00	-9.50597E+03	0.00000E+00	4.87693E+02	0.00000E+00	-1.23060E-03
115	0.00000E+00	-1.39968E+04	0.00000E+00	-4.78539E+03	0.00000E+00	-1.40640E-03
116	0.00000E+00	-9.50597E+03	0.00000E+00	4.87693E+02	0.00000E+00	-1.23060E-03
117	0.00000E+00	-9.50597E+03	0.00000E+00	4.87693E+02	0.00000E+00	-1.23060E-03
118	0.00000E+00	-5.88438E+03	0.00000E+00	-4.61076E+03	0.00000E+00	4.69091E+02
120	0.00000E+00	-1.27621E+04	0.00000E+00	9.88791E+01	0.00000E+00	-2.05065E+03
121	0.00000E+00	-1.27296E+04	0.00000E+00	9.88791E+01	0.00000E+00	-2.05065E+03
122	0.00000E+00	-1.27296E+04	0.00000E+00	9.88791E+01	0.00000E+00	-2.05065E+03
123	0.00000E+00	-1.74667E+04	0.00000E+00	-1.28067E+04	0.00000E+00	-2.84312E+03
124	0.00000E+00	-3.83974E+03	0.00000E+00	-3.72000E+03	0.00000E+00	5.92422E+02
125	0.00000E+00	-5.80400E+03	0.00000E+00	-6.68810E+03	0.00000E+00	-1.91265E+03
127	0.00000E+00	-6.98479E+03	0.00000E+00	4.11292E+02	0.00000E+00	6.51655E+02
128	0.00000E+00	-6.97397E+03	0.00000E+00	4.11292E+02	0.00000E+00	6.51655E+02
129	0.00000E+00	-6.97397E+03	0.00000E+00	4.11292E+02	0.00000E+00	6.51655E+02
130	0.00000E+00	-1.11968E+04	0.00000E+00	1.66513E+02	0.00000E+00	-2.72603E+02
131	0.00000E+00	-4.30794E+03	0.00000E+00	-4.99771E+02	0.00000E+00	-4.99771E+02
132	0.00000E+00	-7.94610E+03	0.00000E+00	-8.14918E+00	0.00000E+00	-2.29356E+03
133	0.00000E+00	-7.94610E+03	0.00000E+00	-8.14918E+00	0.00000E+00	-2.29356E+03
134	0.00000E+00	-7.94610E+03	0.00000E+00	-8.14918E+00	0.00000E+00	-2.29356E+03
135	0.00000E+00	-1.32640E+04	0.00000E+00	2.79767E+03	0.00000E+00	-8.79001E-04
136	0.00000E+00	-1.32640E+04	0.00000E+00	2.79767E+03	0.00000E+00	-8.79001E-04
137	0.00000E+00	-1.32640E+04	0.00000E+00	2.79767E+03	0.00000E+00	-8.79001E-04
138	0.00000E+00	-7.94610E+03	0.00000E+00	-8.14935E+00	0.00000E+00	2.29356E+03
139	0.00000E+00	-7.94610E+03	0.00000E+00	-8.14935E+00	0.00000E+00	2.29356E+03
140	0.00000E+00	-7.94610E+03	0.00000E+00	-8.14935E+00	0.00000E+00	2.29356E+03
141	0.00000E+00	-6.23012E+03	0.00000E+00	-1.74179E+03	0.00000E+00	7.40608E+03
142	0.00000E+00	-8.99500E+03	0.00000E+00	-1.22216E+02	0.00000E+00	2.40886E+02
143	0.00000E+00	-8.51139E+03	0.00000E+00	-1.17450E+02	0.00000E+00	2.14801E+02

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
144	0.00000E+00	-8.51139E+03	0.00000E+00	-1.17450E+02	0.00000E+00	-2.14801E+02
145	0.00000E+00	-8.99500E+03	0.00000E+00	-1.22217E+02	0.00000E+00	-2.40886E+02
146	0.00000E+00	-6.23012E+03	0.00000E+00	-1.74179E+03	0.00000E+00	-7.40608E+03
147	0.00000E+00	-1.06074E+04	0.00000E+00	-2.50057E+03	0.00000E+00	-3.78621E+03
148	0.00000E+00	-1.06074E+04	0.00000E+00	-2.50057E+03	0.00000E+00	-3.78621E+03
149	0.00000E+00	-1.06074E+04	0.00000E+00	-2.50057E+03	0.00000E+00	-3.78621E+03
150	0.00000E+00	-9.10930E+03	0.00000E+00	-2.29892E+02	0.00000E+00	3.78621E+03
151	0.00000E+00	-9.10930E+03	0.00000E+00	-2.29892E+02	0.00000E+00	3.78621E+03
152	0.00000E+00	-9.10930E+03	0.00000E+00	-2.29892E+02	0.00000E+00	3.78621E+03
153	0.00000E+00	-9.10930E+03	0.00000E+00	-2.29892E+02	0.00000E+00	-3.78621E+03
154	0.00000E+00	-9.10930E+03	0.00000E+00	-2.29892E+02	0.00000E+00	-3.78621E+03
155	0.00000E+00	-9.10930E+03	0.00000E+00	-2.29892E+02	0.00000E+00	-3.78621E+03
156	0.00000E+00	-1.06074E+04	0.00000E+00	-2.50057E+03	0.00000E+00	3.78621E+03
157	0.00000E+00	-1.06074E+04	0.00000E+00	-2.50057E+03	0.00000E+00	3.78621E+03
158	0.00000E+00	-1.06074E+04	0.00000E+00	-2.50057E+03	0.00000E+00	3.78621E+03
160	0.00000E+00	-1.08108E+04	0.00000E+00	4.10587E+03	0.00000E+00	-6.14544E+02
161	0.00000E+00	-1.07946E+04	0.00000E+00	4.10587E+03	0.00000E+00	-6.14544E+02
162	0.00000E+00	-1.07946E+04	0.00000E+00	4.10587E+03	0.00000E+00	-6.14544E+02
163	0.00000E+00	-1.86682E+04	0.00000E+00	-2.27405E+03	0.00000E+00	1.57084E+04
164	0.00000E+00	-3.34420E+03	0.00000E+00	9.93220E+01	0.00000E+00	3.84000E+03
165	0.00000E+00	-1.57312E+03	0.00000E+00	-6.09515E+02	0.00000E+00	4.76800E+02
166	0.00000E+00	-7.28313E+03	0.00000E+00	-3.33523E+02	0.00000E+00	4.27540E+03
167	0.00000E+00	-7.28313E+03	0.00000E+00	-3.33523E+02	0.00000E+00	4.27540E+03
168	0.00000E+00	-7.97246E+03	0.00000E+00	-4.59949E+03	0.00000E+00	2.91933E+03
169	0.00000E+00	-7.28313E+03	0.00000E+00	-3.33523E+02	0.00000E+00	4.27540E+03
170	0.00000E+00	-1.57312E+03	0.00000E+00	-6.09515E+02	0.00000E+00	-4.76800E+02
171	0.00000E+00	-7.28313E+03	0.00000E+00	-3.33523E+02	0.00000E+00	-4.27540E+03
172	0.00000E+00	-7.28313E+03	0.00000E+00	-3.33523E+02	0.00000E+00	-4.27540E+03
173	0.00000E+00	-7.97246E+03	0.00000E+00	-4.59949E+03	0.00000E+00	-2.91932E+03
174	0.00000E+00	-7.28313E+03	0.00000E+00	-3.33523E+02	0.00000E+00	-4.27540E+03
176	0.00000E+00	-1.08108E+04	0.00000E+00	4.10587E+03	0.00000E+00	6.14544E+02
177	0.00000E+00	-1.07946E+04	0.00000E+00	4.10587E+03	0.00000E+00	6.14544E+02
178	0.00000E+00	-1.07946E+04	0.00000E+00	4.10587E+03	0.00000E+00	6.14544E+02
179	0.00000E+00	-1.86682E+04	0.00000E+00	-2.27405E+03	0.00000E+00	-1.57084E+04
180	0.00000E+00	-3.34420E+03	0.00000E+00	9.93221E+01	0.00000E+00	-3.84000E+03
182	0.00000E+00	-1.01466E+04	0.00000E+00	4.02830E+03	0.00000E+00	-1.55818E+03
183	0.00000E+00	-1.01223E+04	0.00000E+00	4.02830E+03	0.00000E+00	-1.55818E+03
184	0.00000E+00	-1.01223E+04	0.00000E+00	4.02830E+03	0.00000E+00	-1.55818E+03
185	0.00000E+00	-6.12021E+03	0.00000E+00	2.32830E+03	0.00000E+00	-1.42214E+03
186	0.00000E+00	-1.40233E+04	0.00000E+00	4.04921E+02	0.00000E+00	-1.05480E-03
187	0.00000E+00	-1.40233E+04	0.00000E+00	4.04921E+02	0.00000E+00	-1.05480E-03
188	0.00000E+00	-1.40233E+04	0.00000E+00	4.04921E+02	0.00000E+00	-1.05480E-03
189	0.00000E+00	-7.70113E+03	0.00000E+00	-3.97335E+03	0.00000E+00	-7.91101E-04
191	0.00000E+00	-1.01466E+04	0.00000E+00	4.02830E+03	0.00000E+00	1.55818E+03
192	0.00000E+00	-1.01223E+04	0.00000E+00	4.02830E+03	0.00000E+00	1.55818E+03
193	0.00000E+00	-1.01223E+04	0.00000E+00	4.02830E+03	0.00000E+00	1.55818E+03
194	0.00000E+00	-6.12021E+03	0.00000E+00	2.32830E+03	0.00000E+00	1.42214E+03
195	0.00000E+00	-2.50518E+03	0.00000E+00	1.82789E+03	0.00000E+00	0.00000E+00
196	0.00000E+00	-5.67182E+03	0.00000E+00	9.23262E+02	0.00000E+00	4.24085E+03
197	0.00000E+00	-8.75632E+03	0.00000E+00	-1.16642E+02	0.00000E+00	2.38110E+02
198	0.00000E+00	-8.28520E+03	0.00000E+00	-1.13352E+02	0.00000E+00	2.14801E+02
199	0.00000E+00	-8.28520E+03	0.00000E+00	-1.13353E+02	0.00000E+00	-2.14801E+02
200	0.00000E+00	-8.75632E+03	0.00000E+00	-1.16642E+02	0.00000E+00	-2.38110E+02

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
201	0.00000E+00	-5.67182E+03	0.00000E+00	9.23262E+02	0.00000E+00	-4.24085E+03
203	0.00000E+00	-9.43262E+03	0.00000E+00	-3.69011E+03	0.00000E+00	-1.13687E+02
204	0.00000E+00	-9.78483E+03	0.00000E+00	-3.69011E+03	0.00000E+00	-5.68434E+02
205	0.00000E+00	-9.78483E+03	0.00000E+00	-3.69011E+03	0.00000E+00	-5.68434E+02
206	0.00000E+00	-1.20752E+04	0.00000E+00	-4.96877E+03	0.00000E+00	8.26471E+03
207	0.00000E+00	-6.92308E+03	0.00000E+00	-5.07186E+02	0.00000E+00	5.75205E+03
208	0.00000E+00	-2.19841E+03	0.00000E+00	1.44923E+02	0.00000E+00	-5.72820E+01
210	0.00000E+00	-8.44855E+03	0.00000E+00	8.60487E+02	0.00000E+00	-3.79797E+02
211	0.00000E+00	-8.07148E+03	0.00000E+00	8.60487E+02	0.00000E+00	-5.81392E+02
212	0.00000E+00	-8.07148E+03	0.00000E+00	8.60487E+02	0.00000E+00	-5.81392E+02
213	0.00000E+00	-9.90973E+03	0.00000E+00	1.02182E+03	0.00000E+00	-4.25495E+02
214	0.00000E+00	-6.43356E+03	0.00000E+00	9.24463E+02	0.00000E+00	4.18892E+02
215	0.00000E+00	-3.72427E+03	0.00000E+00	4.40463E+02	0.00000E+00	-1.76735E+02
216	0.00000E+00	-3.45984E+03	0.00000E+00	-1.28104E+03	0.00000E+00	1.78360E+02
218	0.00000E+00	-1.54808E+04	0.00000E+00	-3.52528E+03	0.00000E+00	-1.86538E+03
219	0.00000E+00	-1.53136E+04	0.00000E+00	-3.57470E+03	0.00000E+00	-1.86538E+03
220	0.00000E+00	-1.54484E+04	0.00000E+00	-3.52528E+03	0.00000E+00	-1.86538E+03
221	0.00000E+00	-1.07279E+04	0.00000E+00	-1.77424E+03	0.00000E+00	-2.85622E+02
222	0.00000E+00	-4.59703E+03	0.00000E+00	5.42742E+02	0.00000E+00	-6.48517E+02
223	0.00000E+00	-1.59954E+04	0.00000E+00	1.06353E+03	0.00000E+00	-1.52640E+04
224	0.00000E+00	-6.75685E+03	0.00000E+00	-1.27844E+03	0.00000E+00	-6.81626E+02
225	0.00000E+00	-1.47781E+04	0.00000E+00	-3.69028E+03	0.00000E+00	-7.03201E-04
226	0.00000E+00	-7.51175E+03	0.00000E+00	-1.75075E+03	0.00000E+00	-7.03201E-04
227	0.00000E+00	-1.47781E+04	0.00000E+00	-3.69028E+03	0.00000E+00	-7.03201E-04
228	0.00000E+00	-1.47781E+04	0.00000E+00	-3.69028E+03	0.00000E+00	-7.03201E-04
229	0.00000E+00	-6.75685E+03	0.00000E+00	-1.27844E+03	0.00000E+00	6.81625E+02
231	0.00000E+00	-1.50845E+04	0.00000E+00	-3.10539E+03	0.00000E+00	2.46246E+03
232	0.00000E+00	-1.50521E+04	0.00000E+00	-3.10539E+03	0.00000E+00	2.46246E+03
233	0.00000E+00	-1.50521E+04	0.00000E+00	-3.10539E+03	0.00000E+00	2.46246E+03
234	0.00000E+00	-1.01916E+04	0.00000E+00	-1.35435E+03	0.00000E+00	9.78365E+02
235	0.00000E+00	-7.47246E+03	0.00000E+00	1.96677E+03	0.00000E+00	5.67518E+02
236	0.00000E+00	-1.67276E+04	0.00000E+00	0.00000E+00	0.00000E+00	1.57705E+04
237	0.00000E+00	-4.04763E+03	0.00000E+00	-1.28104E+03	0.00000E+00	9.29293E+00
238	0.00000E+00	-5.66767E+03	0.00000E+00	1.18077E+03	0.00000E+00	-4.40819E+02
239	0.00000E+00	-6.94087E+03	0.00000E+00	7.55237E+02	0.00000E+00	-1.22952E+03
240	0.00000E+00	-7.87888E+03	0.00000E+00	7.55237E+02	0.00000E+00	-1.41987E+03
241	0.00000E+00	-5.12022E+03	0.00000E+00	0.00000E+00	0.00000E+00	-1.49873E+03
242	0.00000E+00	-8.09451E+03	0.00000E+00	2.19390E+03	0.00000E+00	-6.78580E+02
243	0.00000E+00	-6.94087E+03	0.00000E+00	7.55237E+02	0.00000E+00	-1.22952E+03
244	0.00000E+00	-6.94087E+03	0.00000E+00	7.55237E+02	0.00000E+00	-1.22952E+03
246	0.00000E+00	-9.33813E+03	0.00000E+00	-3.91097E+03	0.00000E+00	2.41402E+02
247	0.00000E+00	-9.32191E+03	0.00000E+00	-3.91097E+03	0.00000E+00	2.41402E+02
248	0.00000E+00	-9.32191E+03	0.00000E+00	-3.91097E+03	0.00000E+00	2.41402E+02
249	0.00000E+00	-1.16861E+04	0.00000E+00	-5.35097E+03	0.00000E+00	-9.07693E+03
250	0.00000E+00	-9.73523E+03	0.00000E+00	4.60472E+02	0.00000E+00	-5.87556E+03
251	0.00000E+00	-4.75776E+03	0.00000E+00	4.47818E+02	0.00000E+00	1.85574E+02
253	0.00000E+00	-5.74501E+03	0.00000E+00	-3.59249E+02	0.00000E+00	-1.20902E+02
254	0.00000E+00	-6.12036E+03	0.00000E+00	-3.59249E+02	0.00000E+00	-6.04511E+02
255	0.00000E+00	-6.12036E+03	0.00000E+00	-3.59249E+02	0.00000E+00	-6.04511E+02
256	0.00000E+00	-7.05824E+03	0.00000E+00	-4.02932E+02	0.00000E+00	4.29750E+03
257	0.00000E+00	-5.61060E+03	0.00000E+00	-4.99735E+02	0.00000E+00	3.83213E+03
258	0.00000E+00	-2.17906E+03	0.00000E+00	-1.23639E+02	0.00000E+00	-5.72820E+01
260	0.00000E+00	-8.35737E+03	0.00000E+00	-8.60487E+02	0.00000E+00	-3.24063E+02

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
261	0.00000E+00	-7.95716E+03	0.00000E+00	-8.60487E+02	0.00000E+00	-5.38452E+02
262	0.00000E+00	-7.95716E+03	0.00000E+00	-8.60487E+02	0.00000E+00	-5.38452E+02
263	0.00000E+00	-9.03855E+03	0.00000E+00	-1.02182E+03	0.00000E+00	-5.77605E+01
264	0.00000E+00	-6.42582E+03	0.00000E+00	-9.24463E+02	0.00000E+00	4.17769E+02
265	0.00000E+00	-3.72427E+03	0.00000E+00	-4.40463E+02	0.00000E+00	-1.76735E+02
266	0.00000E+00	-1.61006E+03	0.00000E+00	3.96413E+01	0.00000E+00	1.81843E+02
267	0.00000E+00	-8.75755E+02	0.00000E+00	-1.13524E+02	0.00000E+00	1.55690E+02
268	0.00000E+00	-4.24245E+03	0.00000E+00	-4.38047E+02	0.00000E+00	1.13586E+03
269	0.00000E+00	-4.24245E+03	0.00000E+00	-4.38047E+02	0.00000E+00	1.13586E+03
270	0.00000E+00	-4.34245E+03	0.00000E+00	-3.84713E+02	0.00000E+00	1.01586E+03
271	0.00000E+00	-2.22684E+03	0.00000E+00	-5.66825E+02	0.00000E+00	5.29963E+01
272	0.00000E+00	-5.46452E+03	0.00000E+00	-1.13255E+03	0.00000E+00	5.63535E+02
273	0.00000E+00	-4.05865E+03	0.00000E+00	-3.95160E+02	0.00000E+00	1.13586E+03
274	0.00000E+00	-2.27982E+03	0.00000E+00	5.66825E+02	0.00000E+00	-6.09430E+01
276	0.00000E+00	-1.10580E+04	0.00000E+00	6.66669E+01	0.00000E+00	-7.82634E+03
277	0.00000E+00	-1.09766E+04	0.00000E+00	7.32020E+01	0.00000E+00	-7.82634E+03
278	0.00000E+00	-1.10256E+04	0.00000E+00	6.66669E+01	0.00000E+00	-7.82634E+03
279	0.00000E+00	-7.46877E+03	0.00000E+00	2.08763E-04	0.00000E+00	-4.55967E+03
280	0.00000E+00	-3.55852E+03	0.00000E+00	-3.96413E+01	0.00000E+00	-6.04759E+02
281	0.00000E+00	-1.46020E+04	0.00000E+00	-9.66597E+01	0.00000E+00	-2.01414E+04
282	0.00000E+00	-5.77477E+03	0.00000E+00	5.03169E+02	0.00000E+00	-6.71365E+02
283	0.00000E+00	-5.77477E+03	0.00000E+00	5.03169E+02	0.00000E+00	6.71364E+02
284	0.00000E+00	-9.13477E+03	0.00000E+00	3.70444E+03	0.00000E+00	4.43493E+03
285	0.00000E+00	-1.70723E+04	0.00000E+00	6.74194E+03	0.00000E+00	7.40055E+03
286	0.00000E+00	-1.70723E+04	0.00000E+00	6.74194E+03	0.00000E+00	7.40055E+03
287	0.00000E+00	-1.70723E+04	0.00000E+00	6.74194E+03	0.00000E+00	7.40055E+03
288	0.00000E+00	-6.30740E+03	0.00000E+00	-1.96677E+03	0.00000E+00	5.20277E+02
289	0.00000E+00	-4.42216E+03	0.00000E+00	-8.57291E+02	0.00000E+00	4.32949E+02
290	0.00000E+00	-2.79716E+03	0.00000E+00	-8.57291E+02	0.00000E+00	2.16282E+02
291	0.00000E+00	-4.42216E+03	0.00000E+00	-8.57291E+02	0.00000E+00	4.32949E+02
292	0.00000E+00	-4.42216E+03	0.00000E+00	-8.57291E+02	0.00000E+00	4.32949E+02
294	0.00000E+00	-6.11960E+03	0.00000E+00	8.22345E+02	0.00000E+00	3.29200E+01
295	0.00000E+00	-6.08717E+03	0.00000E+00	8.22345E+02	0.00000E+00	3.29200E+01
296	0.00000E+00	-6.08717E+03	0.00000E+00	8.22345E+02	0.00000E+00	3.29200E+01
297	0.00000E+00	-5.07788E+03	0.00000E+00	7.39011E+02	0.00000E+00	-7.27883E+01
298	0.00000E+00	-4.30025E+03	0.00000E+00	5.03169E+02	0.00000E+00	1.72396E+01
299	0.00000E+00	-1.61872E+04	0.00000E+00	0.00000E+00	0.00000E+00	2.06294E+04
300	0.00000E+00	-4.95921E+03	0.00000E+00	-1.18077E+03	0.00000E+00	-7.36010E+02
301	0.00000E+00	-5.89925E+03	0.00000E+00	-7.55236E+02	0.00000E+00	-1.71802E+03
302	0.00000E+00	-6.65725E+03	0.00000E+00	-7.55236E+02	0.00000E+00	-1.98336E+03
303	0.00000E+00	-4.98786E+03	0.00000E+00	0.00000E+00	0.00000E+00	-1.43429E+03
304	0.00000E+00	-6.96500E+03	0.00000E+00	-2.19390E+03	0.00000E+00	-1.15990E+03
305	0.00000E+00	-5.89925E+03	0.00000E+00	-7.55236E+02	0.00000E+00	-1.71802E+03
306	0.00000E+00	-5.89925E+03	0.00000E+00	-7.55236E+02	0.00000E+00	-1.71802E+03
308	0.00000E+00	-6.27443E+03	0.00000E+00	1.90510E+02	0.00000E+00	2.57031E+02
309	0.00000E+00	-6.25821E+03	0.00000E+00	1.90510E+02	0.00000E+00	2.57031E+02
310	0.00000E+00	-6.25821E+03	0.00000E+00	1.90510E+02	0.00000E+00	2.57031E+02
311	0.00000E+00	-7.57238E+03	0.00000E+00	4.40510E+02	0.00000E+00	-5.70130E+03
312	0.00000E+00	-8.87808E+03	0.00000E+00	-1.15593E+03	0.00000E+00	-4.83072E+03
313	0.00000E+00	-4.71355E+03	0.00000E+00	-3.81508E+02	0.00000E+00	1.85574E+02
315	0.00000E+00	-2.58733E+03	0.00000E+00	-3.87903E+02	0.00000E+00	0.00000E+00
316	0.00000E+00	-2.57111E+03	0.00000E+00	-3.87903E+02	0.00000E+00	0.00000E+00
317	0.00000E+00	-2.57111E+03	0.00000E+00	-3.87903E+02	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
318	0.00000E+00	-3.20389E+03	0.00000E+00	-5.05553E+02	0.00000E+00	1.92000E+03
319	0.00000E+00	-3.11419E+03	0.00000E+00	-2.63700E-04	0.00000E+00	3.60000E+03
320	0.00000E+00	-6.32719E+03	0.00000E+00	1.67722E+03	0.00000E+00	-6.18743E+02
321	0.00000E+00	-1.04018E+04	0.00000E+00	5.35755E+03	0.00000E+00	4.93129E+03
322	0.00000E+00	-6.32719E+03	0.00000E+00	1.67722E+03	0.00000E+00	-6.18743E+02
323	0.00000E+00	-6.32719E+03	0.00000E+00	1.67722E+03	0.00000E+00	-6.18743E+02
324	0.00000E+00	-9.99842E+03	0.00000E+00	2.22415E+03	0.00000E+00	4.30461E+03
325	0.00000E+00	-1.02497E+04	0.00000E+00	3.18220E+03	0.00000E+00	4.93049E+03
326	0.00000E+00	-9.99842E+03	0.00000E+00	2.22415E+03	0.00000E+00	4.30461E+03
327	0.00000E+00	-9.99842E+03	0.00000E+00	2.22415E+03	0.00000E+00	4.30461E+03
328	0.00000E+00	-1.00766E+04	0.00000E+00	1.69966E+03	0.00000E+00	-1.90673E+03
329	0.00000E+00	-8.13065E+03	0.00000E+00	5.78827E+02	0.00000E+00	-2.14268E+03
330	0.00000E+00	-1.00766E+04	0.00000E+00	1.69966E+03	0.00000E+00	-1.90673E+03
331	0.00000E+00	-1.00766E+04	0.00000E+00	1.69966E+03	0.00000E+00	-1.90673E+03
332	0.00000E+00	-8.66345E+03	0.00000E+00	1.34383E+03	0.00000E+00	1.90673E+03
333	0.00000E+00	-1.11174E+04	0.00000E+00	1.81633E+03	0.00000E+00	-4.33732E+03
334	0.00000E+00	-8.66345E+03	0.00000E+00	1.34383E+03	0.00000E+00	1.90673E+03
335	0.00000E+00	-8.66345E+03	0.00000E+00	1.34383E+03	0.00000E+00	1.90673E+03
336	0.00000E+00	-5.40913E+03	0.00000E+00	9.12393E+02	0.00000E+00	3.88948E+03
337	0.00000E+00	-7.59314E+03	0.00000E+00	6.27639E+02	0.00000E+00	2.79088E+02
338	0.00000E+00	-7.04120E+03	0.00000E+00	6.66541E+02	0.00000E+00	1.93085E+02
339	0.00000E+00	-7.04120E+03	0.00000E+00	6.66540E+02	0.00000E+00	-1.93085E+02
340	0.00000E+00	-7.44357E+03	0.00000E+00	6.67212E+02	0.00000E+00	-2.07897E+02
341	0.00000E+00	-5.82734E+03	0.00000E+00	6.00935E+02	0.00000E+00	-4.80068E+03
342	0.00000E+00	-8.59980E+03	0.00000E+00	-1.29832E+03	0.00000E+00	-3.04997E+03
343	0.00000E+00	-8.59980E+03	0.00000E+00	-1.29832E+03	0.00000E+00	-3.04997E+03
344	0.00000E+00	-8.59980E+03	0.00000E+00	-1.29832E+03	0.00000E+00	-3.04997E+03
345	0.00000E+00	-1.03181E+04	0.00000E+00	-1.97104E+03	0.00000E+00	3.04997E+03
346	0.00000E+00	-1.03181E+04	0.00000E+00	-1.97104E+03	0.00000E+00	3.04997E+03
347	0.00000E+00	-1.03181E+04	0.00000E+00	-1.97104E+03	0.00000E+00	3.04997E+03
348	0.00000E+00	-4.57980E+03	0.00000E+00	-1.16016E+03	0.00000E+00	2.32618E+03
349	0.00000E+00	-8.51764E+03	0.00000E+00	1.10656E+02	0.00000E+00	2.33478E+02
350	0.00000E+00	-8.05902E+03	0.00000E+00	1.08733E+02	0.00000E+00	2.14103E+02
351	0.00000E+00	-8.05902E+03	0.00000E+00	1.08732E+02	0.00000E+00	-2.14103E+02
352	0.00000E+00	-8.99671E+03	0.00000E+00	5.70956E+02	0.00000E+00	-2.33477E+02
353	0.00000E+00	-4.57980E+03	0.00000E+00	-1.16016E+03	0.00000E+00	-2.32618E+03
355	0.00000E+00	-9.12131E+03	0.00000E+00	1.60021E+03	0.00000E+00	-6.04768E+02
356	0.00000E+00	-9.10509E+03	0.00000E+00	1.60021E+03	0.00000E+00	-6.04768E+02
357	0.00000E+00	-9.10509E+03	0.00000E+00	1.60021E+03	0.00000E+00	-6.04768E+02
358	0.00000E+00	-1.45449E+04	0.00000E+00	-2.66062E+03	0.00000E+00	1.13831E+04
359	0.00000E+00	-3.42319E+03	0.00000E+00	1.51680E+03	0.00000E+00	6.50400E+03
360	0.00000E+00	-3.35706E+03	0.00000E+00	-5.60862E+02	0.00000E+00	-1.34066E+03
361	0.00000E+00	-1.34758E+04	0.00000E+00	1.92161E+03	0.00000E+00	2.35430E+03
362	0.00000E+00	-9.98754E+03	0.00000E+00	-1.90914E+03	0.00000E+00	1.60735E+03
363	0.00000E+00	-1.34758E+04	0.00000E+00	1.92161E+03	0.00000E+00	2.35430E+03
364	0.00000E+00	-1.34758E+04	0.00000E+00	1.92161E+03	0.00000E+00	2.35430E+03
365	0.00000E+00	-9.29331E+03	0.00000E+00	1.63395E+03	0.00000E+00	1.20255E+03
366	0.00000E+00	-5.40881E+03	0.00000E+00	7.57910E+02	0.00000E+00	8.57219E+02
367	0.00000E+00	-9.29331E+03	0.00000E+00	1.63395E+03	0.00000E+00	1.20255E+03
368	0.00000E+00	-9.29331E+03	0.00000E+00	1.63395E+03	0.00000E+00	1.20255E+03
369	0.00000E+00	-5.48613E+03	0.00000E+00	-3.70444E+03	0.00000E+00	3.89803E+02
370	0.00000E+00	-1.05871E+04	0.00000E+00	-6.74194E+03	0.00000E+00	5.11853E+02
371	0.00000E+00	-1.05871E+04	0.00000E+00	-6.74194E+03	0.00000E+00	5.11853E+02

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
372	0.00000E+00	-1.05871E+04	0.00000E+00	-6.74194E+03	0.00000E+00	5.11853E+02
373	0.00000E+00	-5.73297E+03	0.00000E+00	1.52861E+03	0.00000E+00	1.08774E+02
374	0.00000E+00	-2.29547E+03	0.00000E+00	6.52570E+02	0.00000E+00	5.46073E+01
375	0.00000E+00	-5.73297E+03	0.00000E+00	1.52861E+03	0.00000E+00	1.08774E+02
376	0.00000E+00	-5.73297E+03	0.00000E+00	1.52861E+03	0.00000E+00	1.08774E+02
377	0.00000E+00	-3.21110E+03	0.00000E+00	-5.60862E+02	0.00000E+00	1.52311E+03
378	0.00000E+00	-1.35237E+04	0.00000E+00	-2.80674E+02	0.00000E+00	-2.82577E+03
379	0.00000E+00	-6.01387E+03	0.00000E+00	-2.72881E+02	0.00000E+00	-1.40337E+03
380	0.00000E+00	-1.35237E+04	0.00000E+00	-2.80674E+02	0.00000E+00	-2.82577E+03
381	0.00000E+00	-1.35237E+04	0.00000E+00	-2.80674E+02	0.00000E+00	-2.82577E+03
383	0.00000E+00	-1.09268E+04	0.00000E+00	-7.64376E+01	0.00000E+00	4.41022E+02
384	0.00000E+00	-1.09106E+04	0.00000E+00	-7.64376E+01	0.00000E+00	4.41022E+02
385	0.00000E+00	-1.09106E+04	0.00000E+00	-7.64376E+01	0.00000E+00	4.41022E+02
386	0.00000E+00	-1.19918E+04	0.00000E+00	-8.11128E+01	0.00000E+00	-1.01299E+04
387	0.00000E+00	-3.42319E+03	0.00000E+00	1.51680E+03	0.00000E+00	-6.50400E+03
389	0.00000E+00	-6.48521E+03	0.00000E+00	-2.89896E+02	0.00000E+00	-6.40148E+02
390	0.00000E+00	-6.47440E+03	0.00000E+00	-2.89896E+02	0.00000E+00	-6.40148E+02
391	0.00000E+00	-6.47440E+03	0.00000E+00	-2.89896E+02	0.00000E+00	-6.40148E+02
392	0.00000E+00	-8.72311E+03	0.00000E+00	6.12979E+02	0.00000E+00	-1.64648E+02
393	0.00000E+00	-4.02831E+03	0.00000E+00	5.72244E+02	0.00000E+00	4.04326E+02
394	0.00000E+00	-5.56434E+03	0.00000E+00	6.92696E+03	0.00000E+00	1.90886E+03
396	0.00000E+00	-1.28516E+04	0.00000E+00	-3.43965E+02	0.00000E+00	2.50988E+03
397	0.00000E+00	-1.28272E+04	0.00000E+00	-3.43965E+02	0.00000E+00	2.50988E+03
398	0.00000E+00	-1.28272E+04	0.00000E+00	-3.43965E+02	0.00000E+00	2.50988E+03
399	0.00000E+00	-1.47333E+04	0.00000E+00	1.28632E+04	0.00000E+00	3.35443E+03
400	0.00000E+00	-3.49917E+03	0.00000E+00	3.72000E+03	0.00000E+00	-5.92421E+02
401	0.00000E+00	-5.65820E+03	0.00000E+00	4.84156E+03	0.00000E+00	-4.69092E+02
402	0.00000E+00	-1.03074E+04	0.00000E+00	-1.63395E+03	0.00000E+00	-5.31199E+02
403	0.00000E+00	-1.11199E+04	0.00000E+00	7.64209E+03	0.00000E+00	-7.06199E+02
404	0.00000E+00	-1.03074E+04	0.00000E+00	-1.63395E+03	0.00000E+00	-5.31199E+02
405	0.00000E+00	-1.03074E+04	0.00000E+00	-1.63395E+03	0.00000E+00	-5.31199E+02
406	0.00000E+00	-6.39947E+03	0.00000E+00	5.92156E+03	0.00000E+00	-1.84514E+02
407	0.00000E+00	-7.89378E+03	0.00000E+00	-1.52861E+03	0.00000E+00	2.22810E+03
408	0.00000E+00	-7.91878E+03	0.00000E+00	5.22743E+03	0.00000E+00	2.99373E+03
409	0.00000E+00	-7.89378E+03	0.00000E+00	-1.52861E+03	0.00000E+00	2.22810E+03
410	0.00000E+00	-7.89378E+03	0.00000E+00	-1.52861E+03	0.00000E+00	2.22810E+03
412	0.00000E+00	-9.22591E+03	0.00000E+00	-3.22897E+02	0.00000E+00	-2.41289E+03
413	0.00000E+00	-9.20158E+03	0.00000E+00	-3.22897E+02	0.00000E+00	-2.41289E+03
414	0.00000E+00	-9.20158E+03	0.00000E+00	-3.22897E+02	0.00000E+00	-2.41289E+03
415	0.00000E+00	-9.91397E+03	0.00000E+00	8.42031E+03	0.00000E+00	-3.25759E+03
416	0.00000E+00	-7.84316E+03	0.00000E+00	1.05918E+04	0.00000E+00	-7.31077E+02
418	0.00000E+00	-5.67070E+03	0.00000E+00	-2.89896E+02	0.00000E+00	3.83591E+02
419	0.00000E+00	-5.65988E+03	0.00000E+00	-2.89896E+02	0.00000E+00	3.83591E+02
420	0.00000E+00	-5.65988E+03	0.00000E+00	-2.89896E+02	0.00000E+00	3.83591E+02
421	0.00000E+00	-7.63973E+03	0.00000E+00	3.96979E+02	0.00000E+00	-1.76284E+02
422	0.00000E+00	-4.02831E+03	0.00000E+00	5.72244E+02	0.00000E+00	-4.04326E+02

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 5
LOADTYPE DEAD TITLE DEAD LOAD

CENTER OF FORCE BASED ON Y FORCES ONLY (METE).
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.783282054E+01
Y = 0.945604010E+01
Z = 0.105116800E+02

***TOTAL APPLIED LOAD (KG METE) SUMMARY (LOADING 5)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -2584527.10
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 27167721.82 MY= 0.00 MZ= -20244135.77

***TOTAL REACTION LOAD(KG METE) SUMMARY (LOADING 5)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 2584527.10
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -27167722.00 MY= 0.00 MZ= 20244135.47

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 5)

	MAXIMUMS	AT NODE
X	-1.34044E-01	422
Y	-2.64029E+00	368
Z	2.66598E-01	299
RX	-5.80715E-03	405
RY	-2.68104E-04	215
RZ	4.81418E-03	376

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (KG METE)-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00	-1816.38	0.00	622.76	0.00	-476.80	
	-68.24	-43265.83	-149.92	-111.48	1.11	68.60	111111
2	0.00E+00	-3.71E+03	0.00E+00	6.228E+02	0.000E+00	-9.636E+02	
	-1.65E+03	-1.49E+05	-1.56E+03	-1.163E+03	-7.270E+00	1.747E+03	111111
3	0.00E+00	-3.71E+03	0.00E+00	6.228E+02	0.000E+00	9.636E+02	
	1.78E+03	-1.48E+05	-1.35E+03	-6.496E+02	-4.777E+01	-2.018E+03	111111
4	0.00	-1816.38	0.00	622.76	0.00	476.80	
	89.21	-43110.56	-111.48	-33.33	-5.88	-110.71	111111
5	0.00	-2773.22	0.00	0.00	0.00	-476.80	
	-416.44	-93812.43	624.30	800.57	-7.62	282.55	111111
6	0.00	-2773.22	0.00	0.00	0.00	476.80	
	421.91	-93653.65	775.10	1084.80	-5.46	-283.22	111111
7	0.00E+00	-2.77E+03	0.00E+00	4.411E+02	0.000E+00	-1.440E+03	
	-2.41E+03	-1.29E+05	1.65E+03	8.009E+02	-6.096E+00	2.778E+03	111111

8	0.00E+00	-2.77E+03	0.00E+00	4.411E+02	0.000E+00	1.440E+03	
	2.36E+03	-1.30E+05	1.81E+03	1.100E+03	-3.329E+01	-2.692E+03	111111
9	0.00	-4337.46	0.00	12.23	0.00	-425.08	
	-57.28	-47624.85	535.93	710.20	0.74	76.34	111111
10	0.00	-3948.24	0.00	634.99	0.00	269.39	
	-0.07	-42753.95	-14.62	82.21	6.89	13.85	111111
11	0.00E+00	-3.67E+03	0.00E+00	-3.235E+02	0.000E+00	-1.285E+03	
	-2.18E+03	-1.28E+05	4.33E+02	8.417E+02	-5.149E+00	2.485E+03	111111
12	0.00E+00	-4.26E+03	0.00E+00	-4.544E+02	0.000E+00	1.061E+03	
	1.77E+03	-1.58E+05	2.56E+01	7.168E+02	1.264E+00	-5.040E+03	111111
13	0.00	-5643.10	0.00	558.01	0.00	819.98	
	179.41	-68978.40	800.59	1256.18	-6.92	2197.63	111111
14	0.00	-3802.28	0.00	-574.17	0.00	-425.08	
	-96.01	-35854.02	165.77	311.46	-2.43	119.27	111111
15	0.00	-3948.24	0.00	-634.99	0.00	269.39	
	-48.35	-45160.74	172.28	267.23	7.00	-35.07	111111
16	0.00E+00	-3.41E+03	0.00E+00	7.709E+02	0.000E+00	-1.817E+03	
	-3.34E+03	-2.11E+05	-5.97E+03	-4.281E+03	-3.283E+01	3.519E+03	111111
17	0.00E+00	-3.91E+03	0.00E+00	7.882E+02	0.000E+00	1.733E+03	
	3.66E+03	-2.31E+05	-6.40E+03	-5.136E+03	3.957E+01	-6.179E+03	111111
18	0.00	-5740.41	0.00	-392.59	0.00	819.98	
	353.48	-75165.90	-426.27	-383.11	-2.22	624.82	111111
19	0.00	-1540.68	0.00	536.26	0.00	0.00	
	-470.87	-59978.87	-266.97	-112.39	-4.96	551.12	111111
20	0.00	-2448.87	0.00	-369.76	0.00	-476.80	
	-1010.48	-75901.75	750.08	786.12	4.07	-76.61	111111
21	0.00	-2416.44	0.00	-560.86	0.00	294.35	
	646.98	-76457.21	1032.75	1188.21	2.68	1046.51	111111
22	0.00	-1508.24	0.00	-227.32	0.00	-476.80	
	-101.48	-32837.05	126.30	190.58	4.52	126.77	111111
23	0.00E+00	-3.28E+03	0.00E+00	-2.273E+02	0.000E+00	-1.341E+03	
	-2.43E+03	-1.78E+05	3.29E+03	-9.926E+01	-4.104E+00	2.276E+03	111111
24	0.00E+00	-3.14E+03	0.00E+00	-2.273E+02	0.000E+00	1.523E+03	
	2.94E+03	-1.79E+05	3.87E+03	1.097E+03	-2.753E+01	-2.690E+03	111111
25	0.00	-1362.29	0.00	-227.32	0.00	294.35	
	72.16	-26527.05	183.95	290.38	-3.66	-77.84	111111

FOR LOADING - 6
APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
101	0.00000E+00	-5.39066E+02	0.00000E+00	4.10050E+01	0.00000E+00	-7.38866E+01
102	0.00000E+00	-5.39066E+02	0.00000E+00	4.10050E+01	0.00000E+00	-7.38866E+01
103	0.00000E+00	-5.39066E+02	0.00000E+00	4.10050E+01	0.00000E+00	-7.38866E+01
104	0.00000E+00	-1.13876E+03	0.00000E+00	1.69725E+02	0.00000E+00	-1.15941E+02
105	0.00000E+00	-3.09195E+02	0.00000E+00	2.81192E+01	0.00000E+00	-2.81192E+01
106	0.00000E+00	-6.79548E+02	0.00000E+00	2.80526E+02	0.00000E+00	1.88122E+02
108	0.00000E+00	-8.64274E+02	0.00000E+00	9.73353E+00	0.00000E+00	3.48614E+02
109	0.00000E+00	-8.64274E+02	0.00000E+00	9.73353E+00	0.00000E+00	3.48614E+02
110	0.00000E+00	-8.64274E+02	0.00000E+00	9.73353E+00	0.00000E+00	3.48614E+02
111	0.00000E+00	-2.59691E+03	0.00000E+00	3.38315E+02	0.00000E+00	4.21468E+02

```
   112 0.00000E+00-2.35777E+02 0.00000E+00 0.00000E+00 0.00000E+00-6.44383E+01
   113 0.00000E+00-6.68765E+02 0.00000E+00 2.77969E+02 0.00000E+00-4.37132E+01
   114 0.00000E+00-5.84000E+02 0.00000E+00 4.27326E+01 0.00000E+00-7.69126E-05
   115 0.00000E+00-3.01125E+03 0.00000E+00 2.25410E+03 0.00000E+00-2.19750E-04
   116 0.00000E+00-5.84000E+02 0.00000E+00 4.27326E+01 0.00000E+00-7.69126E-05
   117 0.00000E+00-5.84000E+02 0.00000E+00 4.27326E+01 0.00000E+00-7.69126E-05
```

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
118	0.00000E+00	-6.68765E+02	0.00000E+00	2.77969E+02	0.00000E+00	4.37131E+01
120	0.00000E+00	-8.64274E+02	0.00000E+00	9.73353E+00	0.00000E+00	-3.48614E+02
121	0.00000E+00	-8.64274E+02	0.00000E+00	9.73353E+00	0.00000E+00	-3.48614E+02
122	0.00000E+00	-8.64274E+02	0.00000E+00	9.73353E+00	0.00000E+00	-3.48614E+02
123	0.00000E+00	-2.59691E+03	0.00000E+00	3.38315E+02	0.00000E+00	-4.21467E+02
124	0.00000E+00	-2.35777E+02	0.00000E+00	0.00000E+00	0.00000E+00	6.44384E+01
125	0.00000E+00	-6.79548E+02	0.00000E+00	2.80525E+02	0.00000E+00	-1.88122E+02
127	0.00000E+00	-5.39066E+02	0.00000E+00	4.10050E+01	0.00000E+00	7.38865E+01
128	0.00000E+00	-5.39066E+02	0.00000E+00	4.10050E+01	0.00000E+00	7.38865E+01
129	0.00000E+00	-5.39066E+02	0.00000E+00	4.10050E+01	0.00000E+00	7.38865E+01
130	0.00000E+00	-1.13876E+03	0.00000E+00	1.69725E+02	0.00000E+00	1.15941E+02
131	0.00000E+00	-3.09195E+02	0.00000E+00	2.81192E+01	0.00000E+00	2.81192E+01
132	0.00000E+00	-1.15972E+03	0.00000E+00	2.04940E+01	0.00000E+00	-4.16109E+02
133	0.00000E+00	-1.15972E+03	0.00000E+00	2.04940E+01	0.00000E+00	-4.16109E+02
134	0.00000E+00	-1.15972E+03	0.00000E+00	2.04940E+01	0.00000E+00	-4.16109E+02
135	0.00000E+00	-2.00750E+03	0.00000E+00	5.72862E+02	0.00000E+00	-1.31850E-04
136	0.00000E+00	-2.00750E+03	0.00000E+00	5.72862E+02	0.00000E+00	-1.31850E-04
137	0.00000E+00	-2.00750E+03	0.00000E+00	5.72862E+02	0.00000E+00	-1.31850E-04
138	0.00000E+00	-1.15972E+03	0.00000E+00	2.04940E+01	0.00000E+00	4.16109E+02
139	0.00000E+00	-1.15972E+03	0.00000E+00	2.04940E+01	0.00000E+00	4.16109E+02
140	0.00000E+00	-1.15972E+03	0.00000E+00	2.04940E+01	0.00000E+00	4.16109E+02
141	0.00000E+00	-7.12368E+02	0.00000E+00	-1.74895E+02	0.00000E+00	-2.81012E+02
142	0.00000E+00	-1.56000E+03	0.00000E+00	-2.43034E+01	0.00000E+00	4.79101E+01
143	0.00000E+00	-1.46250E+03	0.00000E+00	-2.31593E+01	0.00000E+00	4.22685E+01
144	0.00000E+00	-1.46250E+03	0.00000E+00	-2.31593E+01	0.00000E+00	-4.22685E+01
145	0.00000E+00	-1.56000E+03	0.00000E+00	-2.43032E+01	0.00000E+00	-4.79101E+01
146	0.00000E+00	-7.12368E+02	0.00000E+00	-1.74895E+02	0.00000E+00	2.81012E+02
147	0.00000E+00	-1.07884E+03	0.00000E+00	-2.67559E+02	0.00000E+00	-5.64760E+02
148	0.00000E+00	-1.07884E+03	0.00000E+00	-2.67559E+02	0.00000E+00	-5.64760E+02
149	0.00000E+00	-1.07884E+03	0.00000E+00	-2.67559E+02	0.00000E+00	-5.64760E+02
150	0.00000E+00	-1.27081E+03	0.00000E+00	-3.38347E+01	0.00000E+00	5.64760E+02
151	0.00000E+00	-1.27081E+03	0.00000E+00	-3.38347E+01	0.00000E+00	5.64760E+02
152	0.00000E+00	-1.27081E+03	0.00000E+00	-3.38347E+01	0.00000E+00	5.64760E+02
153	0.00000E+00	-1.27081E+03	0.00000E+00	-3.38348E+01	0.00000E+00	-5.64759E+02
154	0.00000E+00	-1.27081E+03	0.00000E+00	-3.38348E+01	0.00000E+00	-5.64759E+02
155	0.00000E+00	-1.27081E+03	0.00000E+00	-3.38348E+01	0.00000E+00	-5.64759E+02
156	0.00000E+00	-1.07884E+03	0.00000E+00	-2.67558E+02	0.00000E+00	5.64759E+02
157	0.00000E+00	-1.07884E+03	0.00000E+00	-2.67558E+02	0.00000E+00	5.64759E+02
158	0.00000E+00	-1.07884E+03	0.00000E+00	-2.67558E+02	0.00000E+00	5.64759E+02
160	0.00000E+00	-1.13696E+03	0.00000E+00	5.51436E+02	0.00000E+00	-1.16360E+02
161	0.00000E+00	-1.13696E+03	0.00000E+00	5.51436E+02	0.00000E+00	-1.16360E+02
162	0.00000E+00	-1.13696E+03	0.00000E+00	5.51436E+02	0.00000E+00	-1.16360E+02
163	0.00000E+00	-2.90501E+03	0.00000E+00	-3.28616E+02	0.00000E+00	-2.31883E+02
164	0.00000E+00	-2.68746E+02	0.00000E+00	1.14910E+01	0.00000E+00	0.00000E+00
166	0.00000E+00	-1.10576E+03	0.00000E+00	-4.98587E+01	0.00000E+00	8.09517E+02
167	0.00000E+00	-1.10576E+03	0.00000E+00	-4.98587E+01	0.00000E+00	8.09517E+02
168	0.00000E+00	-4.09248E+03	0.00000E+00	-2.44607E+03	0.00000E+00	1.61322E+03
169	0.00000E+00	-1.10576E+03	0.00000E+00	-4.98587E+01	0.00000E+00	8.09517E+02
171	0.00000E+00	-1.10576E+03	0.00000E+00	-4.98587E+01	0.00000E+00	-8.09517E+02
172	0.00000E+00	-1.10576E+03	0.00000E+00	-4.98587E+01	0.00000E+00	-8.09517E+02
173	0.00000E+00	-4.09248E+03	0.00000E+00	-2.44607E+03	0.00000E+00	-1.61322E+03
174	0.00000E+00	-1.10576E+03	0.00000E+00	-4.98587E+01	0.00000E+00	-8.09517E+02
176	0.00000E+00	-1.13696E+03	0.00000E+00	5.51436E+02	0.00000E+00	1.16360E+02

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
177	0.00000E+00	-1.13696E+03	0.00000E+00	5.51436E+02	0.00000E+00	1.16360E+02
178	0.00000E+00	-1.13696E+03	0.00000E+00	5.51436E+02	0.00000E+00	1.16360E+02
179	0.00000E+00	-2.90501E+03	0.00000E+00	-3.28616E+02	0.00000E+00	2.31883E+02
180	0.00000E+00	-2.68746E+02	0.00000E+00	1.14911E+01	0.00000E+00	0.00000E+00
182	0.00000E+00	-1.75915E+03	0.00000E+00	8.18887E+02	0.00000E+00	-5.07316E+02
183	0.00000E+00	-1.75915E+03	0.00000E+00	8.18887E+02	0.00000E+00	-5.07316E+02
184	0.00000E+00	-1.75915E+03	0.00000E+00	8.18887E+02	0.00000E+00	-5.07316E+02
185	0.00000E+00	-2.63873E+03	0.00000E+00	1.22833E+03	0.00000E+00	-7.60973E+02
186	0.00000E+00	-2.92000E+03	0.00000E+00	9.26725E+01	0.00000E+00	-2.63700E-04
187	0.00000E+00	-2.92000E+03	0.00000E+00	9.26725E+01	0.00000E+00	-2.63700E-04
188	0.00000E+00	-2.92000E+03	0.00000E+00	9.26725E+01	0.00000E+00	-2.63700E-04
189	0.00000E+00	-4.01402E+03	0.00000E+00	-2.25394E+03	0.00000E+00	-2.63700E-04
191	0.00000E+00	-1.75915E+03	0.00000E+00	8.18887E+02	0.00000E+00	5.07316E+02
192	0.00000E+00	-1.75915E+03	0.00000E+00	8.18887E+02	0.00000E+00	5.07316E+02
193	0.00000E+00	-1.75915E+03	0.00000E+00	8.18887E+02	0.00000E+00	5.07316E+02
194	0.00000E+00	-2.63873E+03	0.00000E+00	1.22833E+03	0.00000E+00	7.60974E+02
195	0.00000E+00	-1.31986E+03	0.00000E+00	1.01370E+03	0.00000E+00	0.00000E+00
196	0.00000E+00	-6.52475E+02	0.00000E+00	9.19473E+01	0.00000E+00	-2.80346E+02
197	0.00000E+00	-1.51200E+03	0.00000E+00	-2.31202E+01	0.00000E+00	4.72438E+01
198	0.00000E+00	-1.41750E+03	0.00000E+00	-2.23307E+01	0.00000E+00	4.22684E+01
199	0.00000E+00	-1.41750E+03	0.00000E+00	-2.23307E+01	0.00000E+00	-4.22685E+01
200	0.00000E+00	-1.51200E+03	0.00000E+00	-2.31202E+01	0.00000E+00	-4.72437E+01
201	0.00000E+00	-6.52476E+02	0.00000E+00	9.19473E+01	0.00000E+00	2.80346E+02
203	0.00000E+00	-8.17324E+02	0.00000E+00	-5.12441E+02	0.00000E+00	-1.38589E+01
204	0.00000E+00	-8.61774E+02	0.00000E+00	-5.12441E+02	0.00000E+00	-6.92944E+01
205	0.00000E+00	-8.61774E+02	0.00000E+00	-5.12441E+02	0.00000E+00	-6.92944E+01
206	0.00000E+00	-1.22599E+03	0.00000E+00	-7.68662E+02	0.00000E+00	-2.07883E+01
207	0.00000E+00	-4.01465E+02	0.00000E+00	-7.65694E+01	0.00000E+00	-5.20349E+01
208	0.00000E+00	-1.34771E+02	0.00000E+00	1.28072E+01	0.00000E+00	-4.56330E+00
210	0.00000E+00	-1.11924E+03	0.00000E+00	1.08853E+02	0.00000E+00	-9.48623E+01
211	0.00000E+00	-1.07479E+03	0.00000E+00	1.08853E+02	0.00000E+00	-1.19438E+02
212	0.00000E+00	-1.07479E+03	0.00000E+00	1.08853E+02	0.00000E+00	-1.19438E+02
213	0.00000E+00	-1.67886E+03	0.00000E+00	1.63279E+02	0.00000E+00	-1.42293E+02
214	0.00000E+00	-5.73164E+02	0.00000E+00	8.16397E+01	0.00000E+00	2.40671E+01
215	0.00000E+00	-3.61084E+02	0.00000E+00	8.16397E+01	0.00000E+00	-2.27956E+01
216	0.00000E+00	-5.75058E+02	0.00000E+00	-2.33102E+02	0.00000E+00	3.16660E+01
218	0.00000E+00	-2.12015E+03	0.00000E+00	-6.31929E+02	0.00000E+00	-3.51180E+02
219	0.00000E+00	-2.12015E+03	0.00000E+00	-6.31929E+02	0.00000E+00	-3.51180E+02
220	0.00000E+00	-2.12015E+03	0.00000E+00	-6.31929E+02	0.00000E+00	-3.51180E+02
221	0.00000E+00	-3.18023E+03	0.00000E+00	-9.47893E+02	0.00000E+00	-5.26771E+02
222	0.00000E+00	-5.57623E+02	0.00000E+00	9.28138E+01	0.00000E+00	-1.13070E+02
223	0.00000E+00	-9.59437E+02	0.00000E+00	9.28138E+01	0.00000E+00	-8.77577E+02
224	0.00000E+00	-1.16896E+03	0.00000E+00	-2.32479E+02	0.00000E+00	-1.27565E+02
225	0.00000E+00	-2.55961E+03	0.00000E+00	-7.08267E+02	0.00000E+00	-2.63700E-04
226	0.00000E+00	-3.76154E+03	0.00000E+00	-9.58518E+02	0.00000E+00	-3.51601E-04
227	0.00000E+00	-2.55961E+03	0.00000E+00	-7.08267E+02	0.00000E+00	-2.63700E-04
228	0.00000E+00	-2.55961E+03	0.00000E+00	-7.08267E+02	0.00000E+00	-2.63700E-04
229	0.00000E+00	-1.16896E+03	0.00000E+00	-2.32479E+02	0.00000E+00	1.27565E+02
231	0.00000E+00	-2.23668E+03	0.00000E+00	-4.49911E+02	0.00000E+00	4.43774E+02
232	0.00000E+00	-2.23668E+03	0.00000E+00	-4.49911E+02	0.00000E+00	4.43774E+02
233	0.00000E+00	-2.23668E+03	0.00000E+00	-4.49911E+02	0.00000E+00	4.43774E+02
234	0.00000E+00	-3.29126E+03	0.00000E+00	-7.02354E+02	0.00000E+00	6.72068E+02
235	0.00000E+00	-8.23322E+02	0.00000E+00	2.81685E+02	0.00000E+00	1.10641E+02

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
236	0.00000E+00	-9.66797E+02	0.00000E+00	0.00000E+00	0.00000E+00	9.54655E+02
237	0.00000E+00	-5.77799E+02	0.00000E+00	-2.33102E+02	0.00000E+00	-5.99786E+00
239	0.00000E+00	-1.66024E+03	0.00000E+00	3.69023E+02	0.00000E+00	-2.72539E+02
240	0.00000E+00	-2.32327E+03	0.00000E+00	4.92031E+02	0.00000E+00	-3.87176E+02
241	0.00000E+00	-8.28978E+02	0.00000E+00	0.00000E+00	0.00000E+00	-2.41738E+02
242	0.00000E+00	-7.49451E+02	0.00000E+00	2.75712E+02	0.00000E+00	-1.13354E+02
243	0.00000E+00	-1.66024E+03	0.00000E+00	3.69023E+02	0.00000E+00	-2.72539E+02
244	0.00000E+00	-1.66024E+03	0.00000E+00	3.69023E+02	0.00000E+00	-2.72539E+02
246	0.00000E+00	-1.20994E+03	0.00000E+00	-3.61654E+02	0.00000E+00	4.52839E+01
247	0.00000E+00	-1.20994E+03	0.00000E+00	-3.61654E+02	0.00000E+00	4.52839E+01
248	0.00000E+00	-1.20994E+03	0.00000E+00	-3.61654E+02	0.00000E+00	4.52839E+01
249	0.00000E+00	-1.73075E+03	0.00000E+00	-5.76497E+02	0.00000E+00	6.38506E+01
250	0.00000E+00	-8.22313E+02	0.00000E+00	5.95020E+01	0.00000E+00	1.97966E+02
251	0.00000E+00	-4.24407E+02	0.00000E+00	5.46159E+01	0.00000E+00	2.03765E+01
253	0.00000E+00	-3.01520E+02	0.00000E+00	-3.46210E+01	0.00000E+00	-1.26323E+01
254	0.00000E+00	-3.42036E+02	0.00000E+00	-3.46210E+01	0.00000E+00	-6.31615E+01
255	0.00000E+00	-3.42036E+02	0.00000E+00	-3.46210E+01	0.00000E+00	-6.31615E+01
256	0.00000E+00	-4.52279E+02	0.00000E+00	-5.19314E+01	0.00000E+00	-1.89485E+01
257	0.00000E+00	-2.71663E+02	0.00000E+00	-2.31099E+01	0.00000E+00	-5.20141E+01
258	0.00000E+00	-1.33061E+02	0.00000E+00	-1.09263E+01	0.00000E+00	-4.56329E+00
260	0.00000E+00	-8.30203E+02	0.00000E+00	-1.08853E+02	0.00000E+00	-5.27586E+01
261	0.00000E+00	-7.89686E+02	0.00000E+00	-1.08853E+02	0.00000E+00	-7.51589E+01
262	0.00000E+00	-7.89686E+02	0.00000E+00	-1.08853E+02	0.00000E+00	-7.51589E+01
263	0.00000E+00	-1.24530E+03	0.00000E+00	-1.63279E+02	0.00000E+00	-7.91380E+01
264	0.00000E+00	-5.71307E+02	0.00000E+00	-8.16397E+01	0.00000E+00	2.37976E+01
265	0.00000E+00	-3.61084E+02	0.00000E+00	-8.16397E+01	0.00000E+00	-2.27956E+01
266	0.00000E+00	-2.37875E+02	0.00000E+00	4.56259E+00	0.00000E+00	3.25020E+01
268	0.00000E+00	-7.04232E+02	0.00000E+00	-1.37318E+02	0.00000E+00	1.36362E+02
269	0.00000E+00	-7.04232E+02	0.00000E+00	-1.37318E+02	0.00000E+00	1.36362E+02
270	0.00000E+00	-1.05635E+03	0.00000E+00	-2.05977E+02	0.00000E+00	2.04543E+02
271	0.00000E+00	-3.53410E+02	0.00000E+00	-1.03545E+02	0.00000E+00	6.45259E+00
272	0.00000E+00	-4.15515E+02	0.00000E+00	-1.05548E+02	0.00000E+00	5.36095E+01
273	0.00000E+00	-7.04232E+02	0.00000E+00	-1.37318E+02	0.00000E+00	1.36362E+02
274	0.00000E+00	-3.53410E+02	0.00000E+00	1.03545E+02	0.00000E+00	-6.45260E+00
276	0.00000E+00	-1.53325E+03	0.00000E+00	2.06016E-05	0.00000E+00	-1.61387E+03
277	0.00000E+00	-1.53325E+03	0.00000E+00	2.06016E-05	0.00000E+00	-1.61387E+03
278	0.00000E+00	-1.53325E+03	0.00000E+00	2.06016E-05	0.00000E+00	-1.61387E+03
279	0.00000E+00	-2.29987E+03	0.00000E+00	2.88422E-05	0.00000E+00	-2.42081E+03
280	0.00000E+00	-3.60653E+02	0.00000E+00	-4.56259E+00	0.00000E+00	-1.04475E+02
281	0.00000E+00	-7.70588E+02	0.00000E+00	-2.55950E+00	0.00000E+00	-1.19070E+03
282	0.00000E+00	-9.75038E+02	0.00000E+00	8.33162E+01	0.00000E+00	-1.25103E+02
283	0.00000E+00	-9.75039E+02	0.00000E+00	8.33162E+01	0.00000E+00	1.25102E+02
284	0.00000E+00	-4.74312E+03	0.00000E+00	2.08327E+03	0.00000E+00	2.40628E+03
285	0.00000E+00	-3.16208E+03	0.00000E+00	1.38884E+03	0.00000E+00	1.60418E+03
286	0.00000E+00	-3.16208E+03	0.00000E+00	1.38884E+03	0.00000E+00	1.60418E+03
287	0.00000E+00	-3.16208E+03	0.00000E+00	1.38884E+03	0.00000E+00	1.60418E+03
288	0.00000E+00	-7.99558E+02	0.00000E+00	-2.81685E+02	0.00000E+00	1.01210E+02
289	0.00000E+00	-8.49957E+02	0.00000E+00	-3.05770E+02	0.00000E+00	6.40699E+01
290	0.00000E+00	-1.22319E+03	0.00000E+00	-4.31167E+02	0.00000E+00	9.73217E+01
291	0.00000E+00	-8.49957E+02	0.00000E+00	-3.05770E+02	0.00000E+00	6.40699E+01
292	0.00000E+00	-8.49957E+02	0.00000E+00	-3.05770E+02	0.00000E+00	6.40699E+01
294	0.00000E+00	-4.12491E+02	0.00000E+00	9.36114E+01	0.00000E+00	4.69035E+00
295	0.00000E+00	-4.12491E+02	0.00000E+00	9.36114E+01	0.00000E+00	4.69035E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
296	0.00000E+00	-4.12491E+02	0.00000E+00	9.36114E+01	0.00000E+00	4.69035E+00
297	0.00000E+00	-5.93449E+02	0.00000E+00	1.40417E+02	0.00000E+00	6.49485E+00
298	0.00000E+00	-3.98924E+02	0.00000E+00	8.33162E+01	0.00000E+00	-5.99786E+00
299	0.00000E+00	-9.16912E+02	0.00000E+00	0.00000E+00	0.00000E+00	1.24211E+03
301	0.00000E+00	-1.24583E+03	0.00000E+00	-3.69023E+02	0.00000E+00	-2.87843E+02
302	0.00000E+00	-1.71494E+03	0.00000E+00	-4.92031E+02	0.00000E+00	-4.04579E+02
303	0.00000E+00	-7.97210E+02	0.00000E+00	0.00000E+00	0.00000E+00	-2.26273E+02
304	0.00000E+00	-6.98876E+02	0.00000E+00	-2.75712E+02	0.00000E+00	-1.35414E+02
305	0.00000E+00	-1.24583E+03	0.00000E+00	-3.69023E+02	0.00000E+00	-2.87843E+02
306	0.00000E+00	-1.24583E+03	0.00000E+00	-3.69023E+02	0.00000E+00	-2.87843E+02
308	0.00000E+00	-7.22857E+02	0.00000E+00	-1.62365E+02	0.00000E+00	4.09753E+01
309	0.00000E+00	-7.22857E+02	0.00000E+00	-1.62365E+02	0.00000E+00	4.09753E+01
310	0.00000E+00	-7.22857E+02	0.00000E+00	-1.62365E+02	0.00000E+00	4.09753E+01
311	0.00000E+00	-1.00012E+03	0.00000E+00	-2.09531E+02	0.00000E+00	5.73876E+01
312	0.00000E+00	-7.20770E+02	0.00000E+00	-1.34395E+02	0.00000E+00	1.89529E+02
313	0.00000E+00	-4.19015E+02	0.00000E+00	-4.65288E+01	0.00000E+00	2.03765E+01
315	0.00000E+00	-6.88825E+01	0.00000E+00	-2.00828E+01	0.00000E+00	0.00000E+00
316	0.00000E+00	-6.88825E+01	0.00000E+00	-2.00828E+01	0.00000E+00	0.00000E+00
317	0.00000E+00	-6.88825E+01	0.00000E+00	-2.00828E+01	0.00000E+00	0.00000E+00
318	0.00000E+00	-1.03324E+02	0.00000E+00	-3.01241E+01	0.00000E+00	0.00000E+00
319	0.00000E+00	-2.36694E+02	0.00000E+00	-2.47219E-05	0.00000E+00	0.00000E+00
320	0.00000E+00	-7.60353E+02	0.00000E+00	1.55395E+02	0.00000E+00	-1.14885E+02
321	0.00000E+00	-1.59949E+03	0.00000E+00	7.54353E+02	0.00000E+00	-1.81873E+02
322	0.00000E+00	-7.60353E+02	0.00000E+00	1.55395E+02	0.00000E+00	-1.14885E+02
323	0.00000E+00	-7.60353E+02	0.00000E+00	1.55395E+02	0.00000E+00	-1.14885E+02
324	0.00000E+00	-1.66811E+03	0.00000E+00	4.57234E+02	0.00000E+00	7.99257E+02
325	0.00000E+00	-3.42691E+03	0.00000E+00	1.76550E+03	0.00000E+00	1.26529E+03
326	0.00000E+00	-1.66811E+03	0.00000E+00	4.57234E+02	0.00000E+00	7.99257E+02
327	0.00000E+00	-1.66811E+03	0.00000E+00	4.57234E+02	0.00000E+00	7.99257E+02
328	0.00000E+00	-1.55603E+03	0.00000E+00	3.30494E+02	0.00000E+00	-3.40718E+02
329	0.00000E+00	-2.33405E+03	0.00000E+00	4.95741E+02	0.00000E+00	-5.11076E+02
330	0.00000E+00	-1.55603E+03	0.00000E+00	3.30494E+02	0.00000E+00	-3.40718E+02
331	0.00000E+00	-1.55603E+03	0.00000E+00	3.30494E+02	0.00000E+00	-3.40718E+02
332	0.00000E+00	-8.91000E+02	0.00000E+00	1.63046E+02	0.00000E+00	3.40718E+02
333	0.00000E+00	-1.33650E+03	0.00000E+00	2.44568E+02	0.00000E+00	5.11076E+02
334	0.00000E+00	-8.91000E+02	0.00000E+00	1.63046E+02	0.00000E+00	3.40718E+02
335	0.00000E+00	-8.91000E+02	0.00000E+00	1.63046E+02	0.00000E+00	3.40718E+02
336	0.00000E+00	-6.24153E+02	0.00000E+00	8.87601E+01	0.00000E+00	-2.78274E+02
337	0.00000E+00	-1.28390E+03	0.00000E+00	1.18450E+02	0.00000E+00	5.70784E+01
338	0.00000E+00	-1.17000E+03	0.00000E+00	1.27786E+02	0.00000E+00	3.70567E+01
339	0.00000E+00	-1.17000E+03	0.00000E+00	1.27786E+02	0.00000E+00	-3.70567E+01
340	0.00000E+00	-1.24800E+03	0.00000E+00	1.27947E+02	0.00000E+00	-3.99927E+01
341	0.00000E+00	-6.43500E+02	0.00000E+00	6.39738E+01	0.00000E+00	2.61188E+02
342	0.00000E+00	-9.66000E+02	0.00000E+00	-1.37796E+02	0.00000E+00	-5.62355E+02
343	0.00000E+00	-9.66000E+02	0.00000E+00	-1.37796E+02	0.00000E+00	-5.62355E+02
344	0.00000E+00	-9.66000E+02	0.00000E+00	-1.37796E+02	0.00000E+00	-5.62355E+02
345	0.00000E+00	-1.77463E+03	0.00000E+00	-4.54367E+02	0.00000E+00	5.62355E+02
346	0.00000E+00	-1.77463E+03	0.00000E+00	-4.54367E+02	0.00000E+00	5.62355E+02
347	0.00000E+00	-1.77463E+03	0.00000E+00	-4.54367E+02	0.00000E+00	5.62355E+02
348	0.00000E+00	-5.75584E+02	0.00000E+00	-1.05592E+02	0.00000E+00	-2.79066E+02
349	0.00000E+00	-1.46400E+03	0.00000E+00	2.18382E+01	0.00000E+00	4.61320E+01
350	0.00000E+00	-1.37250E+03	0.00000E+00	2.13765E+01	0.00000E+00	4.21009E+01
351	0.00000E+00	-1.37250E+03	0.00000E+00	2.13766E+01	0.00000E+00	-4.21009E+01

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
352	0.00000E+00	-1.55117E+03	0.00000E+00	1.05596E+02	0.00000E+00	-4.61318E+01
353	0.00000E+00	-5.75583E+02	0.00000E+00	-1.05592E+02	0.00000E+00	2.79066E+02
355	0.00000E+00	-8.19103E+02	0.00000E+00	1.56137E+02	0.00000E+00	-1.10012E+02
356	0.00000E+00	-8.19103E+02	0.00000E+00	1.56137E+02	0.00000E+00	-1.10012E+02
357	0.00000E+00	-8.19103E+02	0.00000E+00	1.56137E+02	0.00000E+00	-1.10012E+02
358	0.00000E+00	-2.12909E+03	0.00000E+00	-4.93749E+02	0.00000E+00	-2.18648E+02
359	0.00000E+00	-2.34733E+02	0.00000E+00	1.45177E+02	0.00000E+00	0.00000E+00
361	0.00000E+00	-2.05386E+03	0.00000E+00	3.07384E+02	0.00000E+00	3.41699E+02
362	0.00000E+00	-4.90760E+03	0.00000E+00	-1.10151E+03	0.00000E+00	8.85659E+02
363	0.00000E+00	-2.05386E+03	0.00000E+00	3.07384E+02	0.00000E+00	3.41699E+02
364	0.00000E+00	-2.05386E+03	0.00000E+00	3.07384E+02	0.00000E+00	3.41699E+02
365	0.00000E+00	-1.92545E+03	0.00000E+00	2.54445E+02	0.00000E+00	3.35332E+02
366	0.00000E+00	-2.88817E+03	0.00000E+00	3.81667E+02	0.00000E+00	5.02998E+02
367	0.00000E+00	-1.92545E+03	0.00000E+00	2.54445E+02	0.00000E+00	3.35332E+02
368	0.00000E+00	-1.92545E+03	0.00000E+00	2.54445E+02	0.00000E+00	3.35332E+02
369	0.00000E+00	-2.87711E+03	0.00000E+00	-2.08327E+03	0.00000E+00	2.14444E+02
370	0.00000E+00	-1.91807E+03	0.00000E+00	-1.38884E+03	0.00000E+00	1.42962E+02
371	0.00000E+00	-1.91807E+03	0.00000E+00	-1.38884E+03	0.00000E+00	1.42962E+02
372	0.00000E+00	-1.91807E+03	0.00000E+00	-1.38884E+03	0.00000E+00	1.42962E+02
373	0.00000E+00	-6.79124E+02	0.00000E+00	2.04873E+02	0.00000E+00	1.93772E+01
374	0.00000E+00	-1.01869E+03	0.00000E+00	3.07309E+02	0.00000E+00	2.90658E+01
375	0.00000E+00	-6.79124E+02	0.00000E+00	2.04873E+02	0.00000E+00	1.93772E+01
376	0.00000E+00	-6.79124E+02	0.00000E+00	2.04873E+02	0.00000E+00	1.93772E+01
378	0.00000E+00	-1.75591E+03	0.00000E+00	-1.27146E+02	0.00000E+00	-4.94438E+02
379	0.00000E+00	-2.63386E+03	0.00000E+00	-1.90719E+02	0.00000E+00	-7.41658E+02
380	0.00000E+00	-1.75591E+03	0.00000E+00	-1.27146E+02	0.00000E+00	-4.94438E+02
381	0.00000E+00	-1.75591E+03	0.00000E+00	-1.27146E+02	0.00000E+00	-4.94438E+02
383	0.00000E+00	-9.57102E+02	0.00000E+00	-3.10344E+01	0.00000E+00	7.43028E+01
384	0.00000E+00	-9.57102E+02	0.00000E+00	-3.10344E+01	0.00000E+00	7.43028E+01
385	0.00000E+00	-9.57102E+02	0.00000E+00	-3.10344E+01	0.00000E+00	7.43028E+01
386	0.00000E+00	-1.43565E+03	0.00000E+00	-4.65515E+01	0.00000E+00	1.11454E+02
387	0.00000E+00	-2.34733E+02	0.00000E+00	1.45177E+02	0.00000E+00	0.00000E+00
389	0.00000E+00	-4.61401E+02	0.00000E+00	-2.54445E+01	0.00000E+00	-6.84712E+01
390	0.00000E+00	-4.61401E+02	0.00000E+00	-2.54445E+01	0.00000E+00	-6.84712E+01
391	0.00000E+00	-4.61401E+02	0.00000E+00	-2.54445E+01	0.00000E+00	-6.84712E+01
392	0.00000E+00	-6.92102E+02	0.00000E+00	-3.81667E+01	0.00000E+00	-1.02707E+02
393	0.00000E+00	-2.78828E+02	0.00000E+00	-2.02939E+01	0.00000E+00	-2.79859E+01
394	0.00000E+00	-6.31313E+02	0.00000E+00	-2.33102E+02	0.00000E+00	1.87213E+02
396	0.00000E+00	-1.08169E+03	0.00000E+00	-5.08890E+01	0.00000E+00	2.89556E+02
397	0.00000E+00	-1.08169E+03	0.00000E+00	-5.08890E+01	0.00000E+00	2.89556E+02
398	0.00000E+00	-1.08169E+03	0.00000E+00	-5.08890E+01	0.00000E+00	2.89556E+02
399	0.00000E+00	-1.62253E+03	0.00000E+00	-7.63334E+01	0.00000E+00	4.34334E+02
400	0.00000E+00	-2.35777E+02	0.00000E+00	0.00000E+00	0.00000E+00	-6.44382E+01
401	0.00000E+00	-6.23765E+02	0.00000E+00	-2.32479E+02	0.00000E+00	-4.37131E+01
402	0.00000E+00	-1.01500E+03	0.00000E+00	-2.54445E+02	0.00000E+00	-6.52343E+01
403	0.00000E+00	-1.52250E+03	0.00000E+00	-3.81667E+02	0.00000E+00	-9.78515E+01
404	0.00000E+00	-1.01500E+03	0.00000E+00	-2.54445E+02	0.00000E+00	-6.52343E+01
405	0.00000E+00	-1.01500E+03	0.00000E+00	-2.54445E+02	0.00000E+00	-6.52343E+01
406	0.00000E+00	-6.97500E+02	0.00000E+00	-2.32479E+02	0.00000E+00	-2.11342E+01
407	0.00000E+00	-7.10500E+02	0.00000E+00	-2.04873E+02	0.00000E+00	2.40273E+02
408	0.00000E+00	-1.06575E+03	0.00000E+00	-3.07310E+02	0.00000E+00	3.60409E+02
409	0.00000E+00	-7.10500E+02	0.00000E+00	-2.04873E+02	0.00000E+00	2.40273E+02
410	0.00000E+00	-7.10500E+02	0.00000E+00	-2.04873E+02	0.00000E+00	2.40273E+02

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
412	0.00000E+00	-6.35590E+02	0.00000E+00	-4.09746E+01	0.00000E+00	-2.43746E+02
413	0.00000E+00	-6.35590E+02	0.00000E+00	-4.09746E+01	0.00000E+00	-2.43746E+02
414	0.00000E+00	-6.35590E+02	0.00000E+00	-4.09746E+01	0.00000E+00	-2.43746E+02
415	0.00000E+00	-9.53385E+02	0.00000E+00	-6.14619E+01	0.00000E+00	-3.65619E+02
416	0.00000E+00	-7.06181E+02	0.00000E+00	-4.66204E+01	0.00000E+00	-7.43067E+01
418	0.00000E+00	-3.61923E+02	0.00000E+00	-2.54445E+01	0.00000E+00	3.68105E+01
419	0.00000E+00	-3.61923E+02	0.00000E+00	-2.54445E+01	0.00000E+00	3.68105E+01
420	0.00000E+00	-3.61923E+02	0.00000E+00	-2.54445E+01	0.00000E+00	3.68105E+01
421	0.00000E+00	-5.42885E+02	0.00000E+00	-3.81667E+01	0.00000E+00	5.52157E+01
422	0.00000E+00	-2.78828E+02	0.00000E+00	-2.02939E+01	0.00000E+00	2.79859E+01

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 6
LOADTYPE LIVE TITLE LIVE LOAD

CENTER OF FORCE BASED ON Y FORCES ONLY (METE).
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.797305807E+01
Y = 0.100471212E+02
Z = 0.104731544E+02

***TOTAL APPLIED LOAD (KG METE) SUMMARY (LOADING 6)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = -358147.49
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 3750933.99 MY= 0.00 MZ= -2855530.61

***TOTAL REACTION LOAD(KG METE) SUMMARY (LOADING 6)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 358147.49
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -3750934.03 MY= 0.00 MZ= 2855530.56

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 6)

	MAXIMUMS	AT NODE
X =	-1.16149E-02	422
Y =	-6.91686E-01	366
Z =	4.94541E-02	124
RX=	-1.66015E-03	403
RY=	-6.86067E-05	106
RZ=	1.32895E-03	374

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (KG METE)-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00	0.00	0.00	0.00	0.00	0.00	
	-9.69	-3814.57	-10.47	-0.42	0.42	8.03	111111
2	0.00	0.00	0.00	0.00	0.00	0.00	
	-149.64	-18102.39	-246.59	-210.63	1.85	143.19	111111
3	0.00	0.00	0.00	0.00	0.00	0.00	
	189.58	-18053.90	-216.09	-146.02	-7.12	-226.09	111111
4	0.00	0.00	0.00	0.00	0.00	0.00	
	15.96	-3811.02	-6.85	7.06	-0.86	-20.79	111111
5	0.00	0.00	0.00	0.00	0.00	0.00	
	-70.46	-10594.55	75.70	118.57	-1.09	76.92	111111
6	0.00	0.00	0.00	0.00	0.00	0.00	
	75.94	-10888.64	86.88	142.48	-0.75	-88.04	111111
7	0.00	0.00	0.00	0.00	0.00	0.00	
	-485.20	-26156.70	219.02	257.56	0.69	518.61	111111
8	0.00	0.00	0.00	0.00	0.00	0.00	
	493.83	-26363.66	235.39	289.53	-5.72	-542.89	111111
9	0.00	0.00	0.00	0.00	0.00	0.00	
	-11.11	-4090.65	92.79	128.29	0.28	13.35	111111
10	0.00	0.00	0.00	0.00	0.00	0.00	
	-6.18	-5421.77	8.76	30.90	1.56	7.96	111111
11	0.00	0.00	0.00	0.00	0.00	0.00	
	-392.98	-21715.43	96.93	150.37	1.37	432.90	111111
12	0.00	0.00	0.00	0.00	0.00	0.00	
	287.57	-28141.65	-2.26	82.76	0.73	-308.60	111111
13	0.00	0.00	0.00	0.00	0.00	0.00	
	40.86	-9007.73	102.70	159.68	-0.86	-44.87	111111
14	0.00	0.00	0.00	0.00	0.00	0.00	
	-17.19	-2650.13	29.63	60.33	-0.18	19.85	111111
15	0.00	0.00	0.00	0.00	0.00	0.00	
	-12.26	-5584.52	30.47	54.21	1.57	14.42	111111
16	0.00	0.00	0.00	0.00	0.00	0.00	
	-643.99	-38900.11	-1023.42	-1036.23	-4.05	698.37	111111
17	0.00	0.00	0.00	0.00	0.00	0.00	
	671.34	-40123.22	-935.96	-919.64	3.90	-736.06	111111
18	0.00	0.00	0.00	0.00	0.00	0.00	
	67.39	-8658.62	0.08	49.66	-0.15	-77.19	111111
19	0.00	0.00	0.00	0.00	0.00	0.00	
	-84.17	-5852.35	-17.27	18.70	-0.41	94.75	111111
20	0.00	0.00	0.00	0.00	0.00	0.00	
	-171.64	-8279.75	117.11	163.58	1.49	189.02	111111

21	0.00	0.00	0.00	0.00	0.00	0.00	
	100.89	-7510.83	141.13	201.89	1.04	-110.21	111111
22	0.00	0.00	0.00	0.00	0.00	0.00	
	-11.98	-2746.07	21.50	34.67	1.22	11.25	111111
23	0.00	0.00	0.00	0.00	0.00	0.00	
	-305.86	-25625.92	568.59	640.85	1.58	318.49	111111
24	0.00	0.00	0.00	0.00	0.00	0.00	
	412.76	-24102.16	605.45	691.60	-4.65	-462.58	111111

25	0.00	0.00	0.00	0.00	0.00	0.00	
	16.22	-1951.18	26.79	44.14	-0.52	-21.65	111111

FOR LOADING - 11
APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	3.32640E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
5	6.65280E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9	4.85100E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
14	2.56410E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	4.29660E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	5.26680E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
22	2.00970E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
101	5.59650E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	5.51040E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
103	5.51040E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
104	7.45920E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
105	3.57210E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
141	2.11680E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
147	3.27600E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
148	3.22560E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
149	3.22560E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
160	1.07835E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	1.06176E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	1.06176E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	1.49184E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
164	5.64480E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
196	2.11680E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
203	9.55500E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
204	9.40800E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
205	9.40800E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
206	1.08780E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
207	6.67170E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
208	1.24740E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
253	5.05050E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
254	4.97280E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
255	4.97280E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
256	5.74980E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
257	4.51080E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
258	1.24740E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
315	5.32350E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
316	5.24160E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
317	5.24160E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
318	6.06060E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
319	4.05720E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
320	2.18400E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
321	3.65190E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
322	2.15040E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
323	2.15040E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
336	1.98450E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
342	3.13950E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
343	3.09120E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
344	3.09120E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	1.41120E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
355	8.19000E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
356	8.06400E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
357	8.06400E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
358	1.17327E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
359	4.71870E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
389	3.95850E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
390	3.89760E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
391	3.89760E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
392	4.50660E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
393	2.55780E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 11
LOADTYPE WIND TITLE WL IN X

CENTER OF FORCE BASED ON X FORCES ONLY (METE).
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.000000000E+00
Y = 0.871185266E+01
Z = 0.104540872E+02

***TOTAL APPLIED LOAD (KG METE) SUMMARY (LOADING 11)
SUMMATION FORCE-X = 30519.72
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 0.00 MY= 319055.82 MZ= -265883.30

***TOTAL REACTION LOAD(KG METE) SUMMARY (LOADING 11)
SUMMATION FORCE-X = -30519.72
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 0.00 MY= -319055.82 MZ= 265883.28

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 11)

	MAXIMUMS	AT NODE
X =	6.05006E-01	348
Y =	-2.27418E-02	239
Z =	-2.54056E-02	131
RX=	-7.58307E-05	289
RY=	1.30831E-04	141
RZ=	-4.91259E-04	383

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (KG METE)-

JT EXT FX/ INT FX EXT FY/ INT FY EXT FZ/ INT FZ EXT MX/ INT MX EXT MY/ INT MY EXT MZ/ INT MZ

SUPPORT=1

STAAD SPACE -- PAGE NO. 943

1	332.64	0.00	0.00	0.00	0.00	0.00	
	338.16	2620.93	13.06	25.64	14.08	-681.08	111111
2	0.00	0.00	0.00	0.00	0.00	0.00	
	2165.47	-208.32	-8.69	-3.69	12.82	-4425.44	111111
3	0.00	0.00	0.00	0.00	0.00	0.00	
	2155.09	167.96	-4.47	-59.92	29.56	-4406.35	111111
4	0.00	0.00	0.00	0.00	0.00	0.00	
	334.27	-2655.83	-20.67	-40.47	7.70	-673.98	111111
5	665.28	0.00	0.00	0.00	0.00	0.00	
	499.85	1598.88	33.15	74.01	0.52	-1094.26	111111
6	0.00	0.00	0.00	0.00	0.00	0.00	
	450.96	-1512.19	-61.73	-126.92	9.28	-1005.27	111111
7	0.00	0.00	0.00	0.00	0.00	0.00	
	1743.02	1088.73	31.25	34.51	-74.21	-3644.13	111111
8	0.00	0.00	0.00	0.00	0.00	0.00	
	1720.78	-1346.73	-61.23	-87.83	25.06	-3606.21	111111
9	485.10	0.00	0.00	0.00	0.00	0.00	
	232.60	2466.07	46.62	79.52	2.08	-499.30	111111
10	0.00	0.00	0.00	0.00	0.00	0.00	
	422.70	1441.45	5.19	18.68	4.46	-705.85	111111
11	0.00	0.00	0.00	0.00	0.00	0.00	
	2405.62	-1448.78	-28.57	-30.14	46.41	-4997.28	111111
12	0.00	0.00	0.00	0.00	0.00	0.00	
	2231.17	-59.26	110.32	68.11	31.89	-4787.38	111111
13	0.00	0.00	0.00	0.00	0.00	0.00	
	428.66	-1765.73	-82.28	-149.15	6.45	-997.48	111111
14	256.41	0.00	0.00	0.00	0.00	0.00	
	229.24	2271.68	29.78	61.45	10.05	-502.29	111111
15	0.00	0.00	0.00	0.00	0.00	0.00	
	418.17	-55.17	5.96	19.36	4.93	-708.08	111111
16	0.00	0.00	0.00	0.00	0.00	0.00	
	2305.47	-1193.71	-26.33	-29.01	93.58	-4975.01	111111
17	0.00	0.00	0.00	0.00	0.00	0.00	
	2362.82	-248.49	128.70	70.23	42.71	-5014.80	111111
18	0.00	0.00	0.00	0.00	0.00	0.00	
	497.65	-2675.70	-103.83	-172.47	18.32	-1092.26	111111
19	429.66	0.00	0.00	0.00	0.00	0.00	
	464.59	1623.31	47.51	89.43	28.14	-1086.47	111111
20	526.68	0.00	0.00	0.00	0.00	0.00	
	541.05	1115.00	47.04	88.72	-21.56	-1219.52	111111
21	0.00	0.00	0.00	0.00	0.00	0.00	
	506.41	-1482.64	-77.67	-144.14	-3.18	-1169.38	111111
22	200.97	0.00	0.00	0.00	0.00	0.00	
	405.36	2324.30	17.26	30.11	-8.38	-823.42	111111
23	0.00	0.00	0.00	0.00	0.00	0.00	

	2139.04	-1030.07	17.21	17.61	3.79	-4224.74	111111
24	0.00	0.00	0.00	0.00	0.00	0.00	
	2201.90	2168.93	-30.43	-59.64	-0.72	-4288.65	111111
25	0.00	0.00	0.00	0.00	0.00	0.00	
	422.93	-3204.61	-27.16	-47.53	-6.44	-840.83	111111

FOR LOADING - 12
APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
4	-3.32640E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
6	-6.65280E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
13	-5.40540E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-5.82120E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	-5.75190E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
25	-2.00970E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
127	-5.59650E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	-5.51040E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	-5.51040E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	-7.45920E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	-3.57210E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
146	-2.11680E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
156	-3.27600E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
157	-3.22560E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
158	-3.22560E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
176	-1.07835E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
177	-1.06176E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
178	-1.06176E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
179	-1.49184E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
180	-5.64480E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
201	-2.11680E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
246	-1.06470E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
247	-1.04832E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
248	-1.04832E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
249	-1.21212E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
250	-7.83090E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
251	-1.70100E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
308	-9.14550E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
309	-9.00480E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
310	-9.00480E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
311	-1.04118E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
312	-7.69860E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
313	-1.70100E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
332	-3.68550E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
333	-4.19580E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
334	-3.62880E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
335	-3.62880E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
341	-2.29320E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
353	-1.41120E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
383	-9.96450E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
384	-9.81120E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
385	-9.81120E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
386	-1.13442E+03	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
387	-5.02740E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
418	-3.95850E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
419	-3.89760E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
420	-3.89760E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
421	-4.50660E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
422	-2.55780E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 12
LOADTYPE WIND TITLE WL IN - X

CENTER OF FORCE BASED ON X FORCES ONLY (METE).
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.156999996E+02
Y = 0.876940389E+01
Z = 0.104644054E+02

***TOTAL APPLIED LOAD (KG METE) SUMMARY (LOADING 12)
SUMMATION FORCE-X = -30701.16
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 0.00 MY= -321269.39 MZ= 269230.87

***TOTAL REACTION LOAD(KG METE) SUMMARY (LOADING 12)
SUMMATION FORCE-X = 30701.16
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 0.00 MY= 321269.39 MZ= -269230.86

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 12)

	MAXIMUMS	AT NODE
X =	-6.13811E-01	313
Y =	2.30167E-02	239
Z =	2.65998E-02	131
RX=	7.72392E-05	289
RY=	-1.34712E-04	146
RZ=	4.98088E-04	383

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (KG METE)-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00	0.00	0.00	0.00	0.00	0.00	
	-336.33	-2645.42	-14.48	-28.37	-7.84	678.18	111111
2	0.00	0.00	0.00	0.00	0.00	0.00	
	-2167.83	209.94	10.88	8.39	-29.25	4433.25	111111
3	0.00	0.00	0.00	0.00	0.00	0.00	
	-2178.82	-168.16	1.80	55.97	-15.13	4453.00	111111
4	-332.64	0.00	0.00	0.00	0.00	0.00	
	-340.13	2684.29	22.11	43.18	-14.49	685.18	111111
5	0.00	0.00	0.00	0.00	0.00	0.00	
	-457.38	-1615.93	-39.25	-84.66	-9.99	1016.84	111111
6	-665.28	0.00	0.00	0.00	0.00	0.00	
	-500.21	1539.59	66.31	135.64	-1.47	1098.34	111111
7	0.00	0.00	0.00	0.00	0.00	0.00	
	-1739.11	-1108.75	-29.66	-32.25	-25.26	3640.58	111111

8	0.00	0.00	0.00	0.00	0.00	0.00	
	-1752.09	1353.76	60.61	86.05	72.91	3668.13	111111
9	0.00	0.00	0.00	0.00	0.00	0.00	
	-230.07	-2511.80	-51.17	-87.48	-4.32	494.68	111111
10	0.00	0.00	0.00	0.00	0.00	0.00	
	-421.19	-1473.41	-8.21	-24.65	-4.54	703.44	111111
11	0.00	0.00	0.00	0.00	0.00	0.00	
	-2408.94	1474.51	31.37	34.99	-27.62	5008.08	111111
12	0.00	0.00	0.00	0.00	0.00	0.00	
	-2272.52	63.49	-116.90	-77.76	-47.91	4870.42	111111
13	-540.54	0.00	0.00	0.00	0.00	0.00	
	-443.85	1797.44	87.76	159.03	0.43	1028.84	111111
14	0.00	0.00	0.00	0.00	0.00	0.00	
	-225.44	-2313.55	-34.22	-69.23	-4.53	495.27	111111
15	0.00	0.00	0.00	0.00	0.00	0.00	
	-414.15	54.59	-9.11	-25.63	-4.29	701.49	111111
16	0.00	0.00	0.00	0.00	0.00	0.00	
	-2299.94	1223.93	28.31	33.38	-46.44	4970.24	111111
17	0.00	0.00	0.00	0.00	0.00	0.00	
	-2412.68	246.20	-121.70	-51.99	-83.06	5113.06	111111
18	-582.12	0.00	0.00	0.00	0.00	0.00	
	-514.90	2723.73	109.77	183.00	-33.63	1125.82	111111
19	0.00	0.00	0.00	0.00	0.00	0.00	
	-438.01	-1646.45	-53.19	-99.49	-17.74	1038.52	111111
20	0.00	0.00	0.00	0.00	0.00	0.00	
	-525.00	-1130.75	-53.34	-99.73	4.75	1190.65	111111
21	-575.19	0.00	0.00	0.00	0.00	0.00	
	-520.08	1506.32	83.24	154.21	13.45	1196.58	111111
22	0.00	0.00	0.00	0.00	0.00	0.00	
	-405.49	-2348.66	-18.94	-33.19	7.66	824.28	111111
23	0.00	0.00	0.00	0.00	0.00	0.00	
	-2147.16	1043.27	-15.49	-14.55	-6.62	4242.66	111111
24	0.00	0.00	0.00	0.00	0.00	0.00	
	-2224.57	-2200.78	34.78	68.73	2.64	4332.41	111111
25	-200.97	0.00	0.00	0.00	0.00	0.00	
	-428.52	3242.60	28.71	50.43	6.14	851.61	111111

FOR LOADING - 13
APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.00000E+00	0.00000E+00	2.91060E+02	0.00000E+00	0.00000E+00	0.00000E+00
2	0.00000E+00	0.00000E+00	7.96950E+02	0.00000E+00	0.00000E+00	0.00000E+00
3	0.00000E+00	0.00000E+00	7.96950E+02	0.00000E+00	0.00000E+00	0.00000E+00
4	0.00000E+00	0.00000E+00	2.91060E+02	0.00000E+00	0.00000E+00	0.00000E+00
101	0.00000E+00	0.00000E+00	5.73300E+02	0.00000E+00	0.00000E+00	0.00000E+00
102	0.00000E+00	0.00000E+00	5.64480E+02	0.00000E+00	0.00000E+00	0.00000E+00
103	0.00000E+00	0.00000E+00	5.64480E+02	0.00000E+00	0.00000E+00	0.00000E+00
104	0.00000E+00	0.00000E+00	6.52680E+02	0.00000E+00	0.00000E+00	0.00000E+00
105	0.00000E+00	0.00000E+00	3.30750E+02	0.00000E+00	0.00000E+00	0.00000E+00
106	0.00000E+00	0.00000E+00	1.85220E+02	0.00000E+00	0.00000E+00	0.00000E+00

108	0.00000E+00	0.00000E+00	1.32064E+03	0.00000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	0.00000E+00	1.30032E+03	0.00000E+00	0.00000E+00	0.00000E+00
110	0.00000E+00	0.00000E+00	1.30032E+03	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	0.00000E+00	1.50350E+03	0.00000E+00	0.00000E+00	0.00000E+00
112	0.00000E+00	0.00000E+00	6.43860E+02	0.00000E+00	0.00000E+00	0.00000E+00
113	0.00000E+00	0.00000E+00	2.24910E+02	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
114	0.00000E+00	0.00000E+00	4.98225E+02	0.00000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	0.00000E+00	5.67210E+02	0.00000E+00	0.00000E+00	0.00000E+00
116	0.00000E+00	0.00000E+00	4.90560E+02	0.00000E+00	0.00000E+00	0.00000E+00
117	0.00000E+00	0.00000E+00	4.90560E+02	0.00000E+00	0.00000E+00	0.00000E+00
118	0.00000E+00	0.00000E+00	2.24910E+02	0.00000E+00	0.00000E+00	0.00000E+00
120	0.00000E+00	0.00000E+00	1.32064E+03	0.00000E+00	0.00000E+00	0.00000E+00
121	0.00000E+00	0.00000E+00	1.30032E+03	0.00000E+00	0.00000E+00	0.00000E+00
122	0.00000E+00	0.00000E+00	1.30032E+03	0.00000E+00	0.00000E+00	0.00000E+00
123	0.00000E+00	0.00000E+00	1.50349E+03	0.00000E+00	0.00000E+00	0.00000E+00
124	0.00000E+00	0.00000E+00	6.43860E+02	0.00000E+00	0.00000E+00	0.00000E+00
125	0.00000E+00	0.00000E+00	1.85220E+02	0.00000E+00	0.00000E+00	0.00000E+00
127	0.00000E+00	0.00000E+00	5.73300E+02	0.00000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	0.00000E+00	5.64480E+02	0.00000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	0.00000E+00	5.64480E+02	0.00000E+00	0.00000E+00	0.00000E+00
130	0.00000E+00	0.00000E+00	6.52680E+02	0.00000E+00	0.00000E+00	0.00000E+00
131	0.00000E+00	0.00000E+00	3.30750E+02	0.00000E+00	0.00000E+00	0.00000E+00
207	0.00000E+00	0.00000E+00	1.02060E+02	0.00000E+00	0.00000E+00	0.00000E+00
208	0.00000E+00	0.00000E+00	1.02060E+02	0.00000E+00	0.00000E+00	0.00000E+00
214	0.00000E+00	0.00000E+00	2.12625E+02	0.00000E+00	0.00000E+00	0.00000E+00
215	0.00000E+00	0.00000E+00	2.38140E+02	0.00000E+00	0.00000E+00	0.00000E+00
216	0.00000E+00	0.00000E+00	6.80400E+01	0.00000E+00	0.00000E+00	0.00000E+00
222	0.00000E+00	0.00000E+00	3.62880E+02	0.00000E+00	0.00000E+00	0.00000E+00
223	0.00000E+00	0.00000E+00	5.49990E+02	0.00000E+00	0.00000E+00	0.00000E+00
224	0.00000E+00	0.00000E+00	1.44585E+02	0.00000E+00	0.00000E+00	0.00000E+00
229	0.00000E+00	0.00000E+00	1.44585E+02	0.00000E+00	0.00000E+00	0.00000E+00
235	0.00000E+00	0.00000E+00	4.13910E+02	0.00000E+00	0.00000E+00	0.00000E+00
236	0.00000E+00	0.00000E+00	5.81175E+02	0.00000E+00	0.00000E+00	0.00000E+00
237	0.00000E+00	0.00000E+00	4.81950E+01	0.00000E+00	0.00000E+00	0.00000E+00
241	0.00000E+00	0.00000E+00	9.35550E+01	0.00000E+00	0.00000E+00	0.00000E+00
242	0.00000E+00	0.00000E+00	1.19070E+02	0.00000E+00	0.00000E+00	0.00000E+00
250	0.00000E+00	0.00000E+00	1.89945E+02	0.00000E+00	0.00000E+00	0.00000E+00
251	0.00000E+00	0.00000E+00	1.89945E+02	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 13
LOADTYPE WIND TITLE WL IN Z

CENTER OF FORCE BASED ON Z FORCES ONLY (METE).
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.784999978E+01
Y = 0.990000030E+01
Z = 0.130909140E+01

***TOTAL APPLIED LOAD (KG METE) SUMMARY (LOADING 13)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = 26112.24

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 258511.19 MY= -204981.07 MZ= 0.00

***TOTAL REACTION LOAD(KG METE) SUMMARY (LOADING 13)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = -26112.24

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -258511.20 MY= 204981.07 MZ= 0.01

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 13)

	MAXIMUMS	AT NODE
X =	-2.83195E-02	393
Y =	-2.51009E-02	328
Z =	4.49107E-01	236
RX=	2.90523E-04	120
RY=	-1.25235E-04	214
RZ=	4.64050E-05	332

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (KG METE)-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00	0.00	291.06	0.00	0.00	0.00	
	10.72	1148.11	210.27	418.61	-0.12	-22.60	111111
2	0.00	0.00	796.95	0.00	0.00	0.00	
	84.28	1733.33	1290.98	3577.14	-67.65	-164.31	111111
3	0.00	0.00	796.95	0.00	0.00	0.00	
	63.47	1890.10	1442.72	3959.78	23.78	-140.39	111111
4	0.00	0.00	291.06	0.00	0.00	0.00	
	12.49	1121.95	240.95	481.77	-3.39	-24.31	111111
5	0.00	0.00	0.00	0.00	0.00	0.00	
	8.61	1125.09	829.45	1524.75	-2.53	-16.43	111111
6	0.00	0.00	0.00	0.00	0.00	0.00	
	1.50	1278.15	964.01	1769.46	-4.21	-5.36	111111
7	0.00	0.00	0.00	0.00	0.00	0.00	
	15.38	2386.57	1121.40	2126.98	-29.55	-29.23	111111
8	0.00	0.00	0.00	0.00	0.00	0.00	
	8.29	2446.06	1253.26	2365.10	7.62	-21.31	111111
9	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.20	1305.31	678.30	1211.20	-0.38	3.33	111111
10	0.00	0.00	0.00	0.00	0.00	0.00	
	-3.64	2639.77	484.92	976.74	1.94	6.00	111111
11	0.00	0.00	0.00	0.00	0.00	0.00	
	-42.50	2635.16	2142.08	4409.93	-46.84	65.34	111111
12	0.00	0.00	0.00	0.00	0.00	0.00	
	17.07	199.84	2207.34	4714.56	22.82	0.30	111111
13	0.00	0.00	0.00	0.00	0.00	0.00	
	-6.89	379.80	940.67	1739.88	-4.64	11.56	111111
14	0.00	0.00	0.00	0.00	0.00	0.00	

	-6.28	1202.22	689.14	1221.23	-0.06	9.87	111111
15	0.00	0.00	0.00	0.00	0.00	0.00	
	-5.91	-2067.46	500.99	994.08	0.97	9.44	111111

16	0.00	0.00	0.00	0.00	0.00	0.00	
	-34.80	-5697.61	1957.67	4198.80	-8.25	67.79	111111
17	0.00	0.00	0.00	0.00	0.00	0.00	
	89.10	-2901.99	1632.98	4026.14	30.83	-68.68	111111
18	0.00	0.00	0.00	0.00	0.00	0.00	
	5.79	-648.34	912.82	1707.25	-1.20	-0.42	111111
19	0.00	0.00	0.00	0.00	0.00	0.00	
	-11.00	-2979.78	881.41	1573.50	-2.21	19.99	111111
20	0.00	0.00	0.00	0.00	0.00	0.00	
	-20.46	-585.46	852.95	1541.49	-2.62	37.70	111111
21	0.00	0.00	0.00	0.00	0.00	0.00	
	-1.67	-50.80	978.23	1775.56	-3.82	17.26	111111
22	0.00	0.00	0.00	0.00	0.00	0.00	
	-12.55	-1965.06	211.31	415.51	-0.25	27.58	111111
23	0.00	0.00	0.00	0.00	0.00	0.00	
	-82.39	-1085.27	589.36	1530.09	-12.96	158.96	111111
24	0.00	0.00	0.00	0.00	0.00	0.00	
	-69.19	-1581.99	679.99	1700.33	-10.20	144.83	111111
25	0.00	0.00	0.00	0.00	0.00	0.00	
	-18.22	-1927.68	243.03	479.54	-4.59	33.79	111111

FOR LOADING - 14

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
22	0.00000E+00	0.00000E+00	-2.91060E+02	0.00000E+00	0.00000E+00	0.00000E+00
23	0.00000E+00	0.00000E+00	-8.59320E+02	0.00000E+00	0.00000E+00	0.00000E+00
24	0.00000E+00	0.00000E+00	-7.96950E+02	0.00000E+00	0.00000E+00	0.00000E+00
25	0.00000E+00	0.00000E+00	-2.28690E+02	0.00000E+00	0.00000E+00	0.00000E+00
257	0.00000E+00	0.00000E+00	-1.02060E+02	0.00000E+00	0.00000E+00	0.00000E+00
258	0.00000E+00	0.00000E+00	-1.02060E+02	0.00000E+00	0.00000E+00	0.00000E+00
264	0.00000E+00	0.00000E+00	-1.02060E+02	0.00000E+00	0.00000E+00	0.00000E+00
265	0.00000E+00	0.00000E+00	-1.02060E+02	0.00000E+00	0.00000E+00	0.00000E+00
280	0.00000E+00	0.00000E+00	-2.94840E+02	0.00000E+00	0.00000E+00	0.00000E+00
281	0.00000E+00	0.00000E+00	-4.64940E+02	0.00000E+00	0.00000E+00	0.00000E+00
282	0.00000E+00	0.00000E+00	-1.44585E+02	0.00000E+00	0.00000E+00	0.00000E+00
283	0.00000E+00	0.00000E+00	-1.44585E+02	0.00000E+00	0.00000E+00	0.00000E+00
288	0.00000E+00	0.00000E+00	-8.78850E+01	0.00000E+00	0.00000E+00	0.00000E+00
298	0.00000E+00	0.00000E+00	-3.74220E+02	0.00000E+00	0.00000E+00	0.00000E+00
299	0.00000E+00	0.00000E+00	-5.81175E+02	0.00000E+00	0.00000E+00	0.00000E+00
303	0.00000E+00	0.00000E+00	-9.35550E+01	0.00000E+00	0.00000E+00	0.00000E+00
304	0.00000E+00	0.00000E+00	-9.35550E+01	0.00000E+00	0.00000E+00	0.00000E+00
312	0.00000E+00	0.00000E+00	-1.64430E+02	0.00000E+00	0.00000E+00	0.00000E+00
313	0.00000E+00	0.00000E+00	-1.64430E+02	0.00000E+00	0.00000E+00	0.00000E+00
389	0.00000E+00	0.00000E+00	-5.73300E+02	0.00000E+00	0.00000E+00	0.00000E+00
390	0.00000E+00	0.00000E+00	-5.64480E+02	0.00000E+00	0.00000E+00	0.00000E+00
391	0.00000E+00	0.00000E+00	-5.64480E+02	0.00000E+00	0.00000E+00	0.00000E+00
392	0.00000E+00	0.00000E+00	-6.52680E+02	0.00000E+00	0.00000E+00	0.00000E+00
393	0.00000E+00	0.00000E+00	-3.30750E+02	0.00000E+00	0.00000E+00	0.00000E+00
394	0.00000E+00	0.00000E+00	-1.85220E+02	0.00000E+00	0.00000E+00	0.00000E+00
396	0.00000E+00	0.00000E+00	-1.35818E+03	0.00000E+00	0.00000E+00	0.00000E+00
397	0.00000E+00	0.00000E+00	-1.33728E+03	0.00000E+00	0.00000E+00	0.00000E+00
398	0.00000E+00	0.00000E+00	-1.33728E+03	0.00000E+00	0.00000E+00	0.00000E+00
399	0.00000E+00	0.00000E+00	-1.54623E+03	0.00000E+00	0.00000E+00	0.00000E+00
400	0.00000E+00	0.00000E+00	-6.83550E+02	0.00000E+00	0.00000E+00	0.00000E+00
401	0.00000E+00	0.00000E+00	-2.24910E+02	0.00000E+00	0.00000E+00	0.00000E+00
402	0.00000E+00	0.00000E+00	-4.77750E+02	0.00000E+00	0.00000E+00	0.00000E+00

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
403	0.00000E+00	0.00000E+00	-5.43900E+02	0.00000E+00	0.00000E+00	0.00000E+00
404	0.00000E+00	0.00000E+00	-4.70400E+02	0.00000E+00	0.00000E+00	0.00000E+00
405	0.00000E+00	0.00000E+00	-4.70400E+02	0.00000E+00	0.00000E+00	0.00000E+00
406	0.00000E+00	0.00000E+00	-2.64600E+02	0.00000E+00	0.00000E+00	0.00000E+00
407	0.00000E+00	0.00000E+00	-3.34425E+02	0.00000E+00	0.00000E+00	0.00000E+00
408	0.00000E+00	0.00000E+00	-3.80730E+02	0.00000E+00	0.00000E+00	0.00000E+00
409	0.00000E+00	0.00000E+00	-3.29280E+02	0.00000E+00	0.00000E+00	0.00000E+00
410	0.00000E+00	0.00000E+00	-3.29280E+02	0.00000E+00	0.00000E+00	0.00000E+00
412	0.00000E+00	0.00000E+00	-1.09200E+03	0.00000E+00	0.00000E+00	0.00000E+00
413	0.00000E+00	0.00000E+00	-1.07520E+03	0.00000E+00	0.00000E+00	0.00000E+00
414	0.00000E+00	0.00000E+00	-1.07520E+03	0.00000E+00	0.00000E+00	0.00000E+00
415	0.00000E+00	0.00000E+00	-1.24320E+03	0.00000E+00	0.00000E+00	0.00000E+00
416	0.00000E+00	0.00000E+00	-7.89390E+02	0.00000E+00	0.00000E+00	0.00000E+00
418	0.00000E+00	0.00000E+00	-4.50450E+02	0.00000E+00	0.00000E+00	0.00000E+00
419	0.00000E+00	0.00000E+00	-4.43520E+02	0.00000E+00	0.00000E+00	0.00000E+00
420	0.00000E+00	0.00000E+00	-4.43520E+02	0.00000E+00	0.00000E+00	0.00000E+00
421	0.00000E+00	0.00000E+00	-5.12820E+02	0.00000E+00	0.00000E+00	0.00000E+00
422	0.00000E+00	0.00000E+00	-2.91060E+02	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 14
LOADTYPE WIND TITLE WL IN -Z

CENTER OF FORCE BASED ON Z FORCES ONLY (METE).
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.795325237E+01
Y = 0.971797774E+01
Z = 0.199080126E+02

***TOTAL APPLIED LOAD (KG METE) SUMMARY (LOADING 14)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = -25567.92

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= -248468.48 MY= 203348.12 MZ= 0.00

***TOTAL REACTION LOAD(KG METE) SUMMARY (LOADING 14)
SUMMATION FORCE-X = 0.00
SUMMATION FORCE-Y = 0.00
SUMMATION FORCE-Z = 25567.92

SUMMATION OF MOMENTS AROUND THE ORIGIN-
MX= 248468.49 MY= -203348.11 MZ= -0.01

MAXIMUM DISPLACEMENTS (CM /RADIANS) (LOADING 14)

	MAXIMUMS	AT NODE
X =	3.55074E-02	393
Y =	2.54257E-02	328
Z =	-4.29653E-01	299
RX=	-2.75043E-04	120
RY=	1.37562E-04	264
RZ=	-4.86267E-05	332

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY (KG METE)-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00	0.00	0.00	0.00	0.00	0.00	
	-13.45	-1105.15	-195.45	-390.00	1.21	28.13	111111
2	0.00	0.00	0.00	0.00	0.00	0.00	
	-100.78	-1618.75	-1166.36	-3292.82	22.79	199.33	111111
3	0.00	0.00	0.00	0.00	0.00	0.00	
	-82.99	-1804.07	-1285.90	-3616.87	25.37	180.14	111111
4	0.00	0.00	0.00	0.00	0.00	0.00	
	-15.42	-1072.22	-231.20	-463.47	3.39	30.30	111111
5	0.00	0.00	0.00	0.00	0.00	0.00	
	-9.44	-1059.16	-781.30	-1437.16	3.62	18.81	111111
6	0.00	0.00	0.00	0.00	0.00	0.00	
	-6.38	-1259.63	-936.28	-1720.03	4.48	15.35	111111
7	0.00	0.00	0.00	0.00	0.00	0.00	
	-26.17	-2286.21	-1070.95	-2032.77	9.82	51.42	111111
8	0.00	0.00	0.00	0.00	0.00	0.00	
	-18.59	-2371.31	-1183.42	-2238.55	9.52	42.79	111111
9	0.00	0.00	0.00	0.00	0.00	0.00	
	0.05	-1211.40	-646.15	-1153.79	1.16	-1.18	111111
10	0.00	0.00	0.00	0.00	0.00	0.00	
	2.03	-2472.17	-472.07	-948.96	0.22	-3.35	111111
11	0.00	0.00	0.00	0.00	0.00	0.00	
	31.48	-2453.29	-2104.24	-4321.33	23.74	-44.63	111111
12	0.00	0.00	0.00	0.00	0.00	0.00	
	-26.53	-211.83	-2126.82	-4550.37	38.45	18.89	111111
13	0.00	0.00	0.00	0.00	0.00	0.00	
	4.79	-384.40	-921.98	-1706.25	3.87	-7.28	111111
14	0.00	0.00	0.00	0.00	0.00	0.00	
	6.51	-1147.96	-661.66	-1171.76	2.25	-10.86	111111
15	0.00	0.00	0.00	0.00	0.00	0.00	
	6.85	1936.94	-487.61	-965.70	0.37	-11.19	111111
16	0.00	0.00	0.00	0.00	0.00	0.00	
	54.37	5360.16	-1963.72	-4193.09	32.47	-108.21	111111
17	0.00	0.00	0.00	0.00	0.00	0.00	

	-64.13	2777.79	-1741.71	-4228.48	59.57	20.55	111111
18	0.00	0.00	0.00	0.00	0.00	0.00	
	-0.57	638.33	-901.76	-1686.58	7.96	-10.18	111111
19	0.00	0.00	0.00	0.00	0.00	0.00	
	15.83	2796.95	-848.95	-1514.48	3.95	-30.36	111111
20	0.00	0.00	0.00	0.00	0.00	0.00	
	25.31	548.47	-830.12	-1498.69	4.99	-48.86	111111

21	0.00	0.00	0.00	0.00	0.00	0.00	
	7.33	41.63	-975.13	-1769.06	0.49	-29.87	111111
22	0.00	0.00	-291.06	0.00	0.00	0.00	
	14.95	1877.10	-207.51	-407.05	-0.71	-32.69	111111
23	0.00	0.00	-859.32	0.00	0.00	0.00	
	95.32	1029.45	-643.01	-1624.76	71.48	-185.37	111111
24	0.00	0.00	-796.95	0.00	0.00	0.00	
	79.47	1588.96	-765.04	-1861.08	-15.06	-166.93	111111
25	0.00	0.00	-228.69	0.00	0.00	0.00	
	20.16	1861.79	-243.54	-480.06	2.36	-38.08	111111

********** END OF DATA FROM INTERNAL STORAGE **********

385. FINISH

********** END OF THE STAAD.Pro RUN **********

**** DATE= JUL 7,2026 TIME= 16: 7:49 ****

```
************************************************************
*   For technical assistance on STAAD.Pro, please visit    *
*   http://selectservices.bentley.com/en-US/               *
*                                                          *
*   Details about additional assistance from               *
*   Bentley and Partners can be found at program menu      *
*   Help->Technical Support                                *
*                                                          *
*      Copyright (c) 1997-2014 Bentley Systems, Inc.
*                http://www.bentley.com                    *
************************************************************
```

DESIGN METHODOLOGY

The work of analysis, design and detailing of **"PLAN SHOWING THE PROPOSED CONSTRUCTION OF APARTMENT R.C.C ROOF PARKING CUM STILT, FIRST, SECOND, THIRD & FOURTH FLOOR RESIDENTIAL BUILDING IN PLOT NO: 16, 17, 18, 19, 20 & 21, WARD NO: 06, BLOCK NO33, T.S.NO:1748/17, 1748/18, 1748/19, 1748/22, 1748/23, 1748/24, DIVINE AVENUE, KASTHOORIBAI ROAD, KUMBAKONAM CITY MUNICIPAL CORPORATION, KUMBAKONAM TALUK, THANJAVUR DISTRICT."**

LOADINGS

Dead loads, Live Loads, Wind Loads and Seismic Loads are considered for analysis as per the relevant Indian Standards Specifications. The sizes of members have been fixed based on stiffness criterion and as suitable for architectural drawings.

ANALYSIS

The Building has been analysed as Stilt + Four Storeyed RCC Framed Structure with head room and designed as per the provisions in the relevant IS Codes.

DESIGN

The design of RCC elements viz., footings, columns, grade beams, floor beams, terrace beams, head room terrace beams, floor slabs, terrace slabs, head room terrace slabs and staircase have been done by limit state method, for the worst case of the following load combinations.

1.50DL + 1.50LL,

1.20DL + 1.20LL + 1.20WLX+, 1.20DL + 1.20LL + 1.20WLX-, 1.5 DL + 0.9 EQX-,

1.20DL + 1.20LL + 1.20WLY+, 1.20DL + 1.20LL + 1.20WLY-, 1.5 DL + 0.9 EQX+,

1.20DL + 1.20LL + 1.20EQX+, 1.20DL + 1.20LL + 1.20EQX-, 1.5 DL + 0.9 EQZ-

1.20DL + 1.20LL + 1.20EQY+, 1.20DL + 1.20LL + 1.20EQY-, 1.5 DL + 0.9 EQZ+,

1.20DL + 1.20LL + 1.20EQZ+ & 1.20DL + 1.20LL + 1.20EQZ-.

The provisions given in IS : 456-2000 shall be followed for working out lap lengths, development lengths, splay bars, anchorage lengths, quality control etc.

1/7/26

Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862

Form No. – 12

STRUCTURAL DESIGN BASIS REPORT

Part 1	General Data		
S.No.	Description	Information	Notes
(1)	Address of the building • Name of the Building	**The Proposed Construction Of Apartment R.C.C Roof Parking Cum Stilt, First, Second, Third & Fourth Floor Residential Building In Plot No: 16, 17, 18, 19, 20 & 21,Ward No: 06,Block No33, T.S.No:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, Divine Avenue, Kasthooribai Road, Kumbakonam City Municipal Corporation, Kumbakonam Taluk, Thanjavur District.**	
(2)	Name of the owner		
(3)	Name of the Builder		
(4)	Name of Registered Architect/Engineer		
(5)	Name of Registered Structural Engineer	Er. A. Sithanandam M.E.(Structural),	
(6)	Use of the building	Residential	
(7)	Number of storey's above ground level (Including storey's to be added later, if any)	STILT + FOUR	
(9)	**Type of Structure** • Load bearing walls • R.C.C. frame • R.C.C. frame & shear walls • Steel frame	RCC Framed Structure	
(10)	**Soil data** • Type of soil • Design safe bearing capacity	PILE FOUNDATION FOUNDATION	IS:1893 Cl:6.3.5.2 IS:1904
(11)	**Dead loads (unit weight adopted)** • Earth • Water • Brick masonry • Plain Cement Concrete • Reinforced Cement Concrete • Floor finish • Other fill materials • Piazza floor fill and landscape	 1600 KG/M3 1000 KG/M3 1920 KG/M3 2400 KG/M3 2500 KG/M3 2000 KG/M3 2000 KG /M3 NOT USED	IS:875 Part 1
(12)	**Imposed (Live) loads** • Piazza floor accessible to Fire Tender • Piazza floor not accessible to Fire Tender • Floor load	 NOT USED NOT USED 200 KG/M2	IS:875 Part 2

Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North)
[illegible]

	• Roof load	150 KG/M2	
(13)	Cyclone/Wind • Speed • Design pressure intensity	 50 m/s 2000 N/M2	 IS:875 Part 3
(14)	Seismic Zone	ZONE – II [IS:1893 (2016 - TABLE 3]	IS:1893 (2002)
(15)	Importance Factor	1.2 [IS:1893 (2016 - TABLE 8]	IS:1893 (2002) Table 6
(16)	Seismic Zone Factor (Z)	0.10 [IS:1893 (2016 - TABLE 3]	IS:1893 Table 2
(17)	Response reduction factor	3 (Ordinary Moment Resistant Frame) [IS:1893 (2016 - TABLE 9]	IS:1893 Table 7
(18)	Fundamental natural period – approximate	0.245 Sec	IS:1893 Cl.7.6
(19)	Design horizontal acceleration spectrum value (A_h)	0.0417	IS:1893 Cl.6.4.2
(20)	Expansion / Separation Joints	NIL	

Part 2	Load bearing masonry buildings	Not applicable

Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade – 1
PPA. R. No. 3-8[illegible]/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862

FORM No. – 12 (Continued)

Part 3	Reinforced concrete framed buildings		
S.No.	Description	Information	Notes
(1)	**Type of Structure** • Regular frames • Regular frames with shear wall • Irregular frames • Irregular frames with shear wall • Soft storey	Regular Frames	IS:1893 Cl.7.1
(2)	Number of basements	Nil	
(3)	Number of floors including ground floor	FIVE	
(4)	**Horizontal floor system** • Beam and Slabs • Waffles • Ribbed Floor • Flat slab with drop • Flat plats without drops	Beam and Slabs	
(5)	**Soil Data** • Type of soil • Recommended type of foundation - Independent footings - Raft - Piles • Recommended bearing capacity of soil • Recommended, type, length diameter and load capacity of piles • Depth of Water table • Chemical analysis of ground water • Chemical analysis of soil	Pile Foundation as recommended in the soil report.	IS:1498
(6)	**Foundations** • Depth below ground level • Type - Independent - Interconnected - Raft - Piles	PILE FOUNDATION 12.5M	
(7)	**System of interconnecting foundations** • Plinth beams • Foundation beams	Plinth beams – 230 x 450 mm	IS:1893 Cl.7.12.1
(8)	Grades of concrete used in different parts of building	M25	
(9)	Method of analysis used	P delta Analysis	
(10)	Computer software used	STAAD V8i - Software	

Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862

(12)	Base shear a. Based on approximate fundamental period b. Based on dynamic analysis c. Ratio of a/b	 2418kN [IS:1893 (2016) – CL7.6.1] N/A 2.6	IS:1893 Cl.7.5.3
(13)	Distribution of seismic forces along the height of the building	Included in the 3D Analysis [IS:1893 (2016) – CL7.6.3]	IS:1893 Cl.7.7
(14)	The column of soft ground storey specially designed	N/A	IS:1893 Cl.7.10
(15)	Clear minimum cover provided in • Foundation • Column • Beams • Slabs	 50mm 30mm 25mm 20mm	
(16)	Ductile detailing of RC frame • Type of reinforcement used • Minimum dimension of beams • Minimum dimension of columns • Minimum percentage of reinforcement of beams at any cross section • Maximum percentage of reinforcement at any section of beam • Spacing of transverse reinforcement of 2-d length of beams near the ends • Ratio of capacity of beams in shear to capacity of beams in flexure • Maximum percentage of reinforcement in column • Confining stirrups near ends of columns and in beam column joints a) Diameter b) Spacing • Ratio of shear capacity of columns to maximum seismic shear in the storey	 Fe 500 230 x 450 300 x 300 0.25% 2% 100mm 1.25 2.14% 8mm 175 mm 0.9	 IS:456 Cl.5.6 IS:13920 Cl.6.1 IS:13920 Cl.7.1.2 IS:456 Cl.26.5.1(a) IS:13920 Cl.6.2.1 IS:456 Cl.26.5.1.1(b) IS:13920 Cl.6.2.2 IS:13920 Cl.6.3.5 IS:456 Cl.26.5.3.1 IS:13920 Cl.7.4

Part 4	Buildings in Structural Steel	Not applicable

Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862

CERTIFICATE OF STRUCTURAL SOUNDNESS

STATEMENT ACCOMPANYING FORM – A

Date: 01.07.2026

1.	Door No. of the building	:	**The Proposed Construction Of Apartment R.C.C Roof Parking Cum Stilt, First, Second, Third & Fourth Floor Residential Building In Plot No: 16, 17, 18, 19, 20 & 21,Ward No: 06,Block No33, T.S.No:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, Divine Avenue, Kasthooribai Road, Kumbakonam City Municipal Corporation, Kumbakonam Taluk, Thanjavur District.**
2.	Location (street name, ward no name of place ie Corporation/Municipality/ Panchayat / Panchayat Union / Township/ Cantonment, etc.,)	:	**Plot No: 16, 17, 18, 19, 20 & 21,Ward No: 06,Block No33, T.S.No:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, Divine Avenue, Kasthooribai Road, Kumbakonam City Municipal Corporation, Kumbakonam Taluk, Thanjavur District.**
3.	Year of construction	:	Proposed Construction
4.	Approximate cost of construction as per current rates	:	Rs.1,75,00,000/- (Rupees One Crores & Seventy Five Lakhs Only)
5.	Purpose for which the building is being used or proposed hither to been used	:	Residential use
6.	Purpose for which the building hither to been used	:	Residential use
7.	Details of Construction of the building	:	RCC Framed Structure – As per Design
a)	Foundation	:	Pile Foundation – As soil report
b)	Basement	:	Nill

Er. A. SIVANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862

c)	Superstructure	:	Framed & Brick masonry – As Proposed
d)	Floor & Roof	:	Vitrified Tiled floor and Kota Stone & R.C.C Roof – As Proposed.
e)	Area of the Building	:	**Plot No: 16, 17, 18, 19, 20 & 21,Ward No: 06,Block No33, T.S.No:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, Divine Avenue, Kasthooribai Road, Kumbakonam City Municipal Corporation, Kumbakonam Taluk, Thanjavur District.**
	STILT FLOOR **FIRST FLOOR** **SECOND FLOOR** **THIRD FLOOR** **TERRACE FLOOR** **HEAD ROOM** **TOTAL**	: : : : : : :	**376.15 M^2** **376.15 M^2** **376.15 M^2** **376.15 M^2** **376.15 M^2** **50 M^2** **1930.74 M^2**
f)	Plot/land area	:	**666.82 M^2**
8.	Period for which license is required	:	Does not arise (Since it is a Proposed Construction)
9.	Number of person to be accommodated	:	240 Persons (20 persons per Flat Approx.)
10.	Applicant	:	

Certified that no addition or alternation has been made to the building or portion of a building for which this application has been made. I undertake to obtain a fresh license in case any addition or alteration is made to the existing building. I also undertake to obtain a fresh license if the purpose for which the license was granted for the use of the building or a portion of the building originally is changed or altered subsequently.

Dated: Signature of the Owner of the Building

Dated: 01.07.2026 Signature of the Registered Engineer

Er. A. SIVANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862

FORM – B

(Form of Certificate of Structural Soundness under Sub Section (4) of Section 4 of the Tamil Nadu Public Building (Licensing) Act 1965 (Tamil Nadu Act 13 of 1965) referred to in Rule 4 of the Tamil Nadu Public Buildings (Licensing) Rule, 1966.

I Certify that I have inspected the site in **At Plot No: 16, 17, 18, 19, 20 & 21, Ward No: 06,Block No33, T.S.No:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, Divine Avenue, Kasthooribai Road, Kumbakonam City Municipal Corporation, Kumbakonam Taluk, Thanjavur District.** Mentioned in the statement and furnish below its salient technical features as in the drawings.

I. Foundation: (as proposed)

1.	Depth below ground level	:	12.5 M
2.	Nature of soil met with at foundation level	:	VERY DENSE SAND
3.	Pressure at foundation	:	For 450 Dia – 34T / 500 Dia – 42T / 550 Dia - 52T /600 Dia-63T
4.	Probable safe bearing capacity of the soil met with at foundation	:	Varies as per dia of piles to be used for foundation.
II. Super Structure:			
1.	Maximum stress in the most critical section of Masonry & Concrete	:	The maximum stresses in the most critical sections of masonry and concrete are safe.
2.	Nature of Masonry and concrete and its safe permissible stress	:	The Stresses in Brick masonry and RCC are within Limits.

The Structural soundness of the building has been verified by me with reference to I.S.I. Loading Standards 878 (Latest Version) and other relevant Indian Standards Code of Practice and I declare that the building will be structurally sound to be used as Public Building for the purpose noted in the statement.

Date: 01.07.2026

Signature of the Engineer

Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862

FORM – B

I Certify that the **The Proposed Construction Of Apartment R.C.C Roof Parking Cum Stilt, First, Second, Third & Fourth Floor Residential Building In Plot No: 16, 17, 18, 19, 20 & 21,Ward No: 06,Block No33, T.S.No:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, Divine Avenue, Kasthooribai Road, Kumbakonam City Municipal Corporation, Kumbakonam Taluk, Thanjavur District.** are structurally sound to be used for the purpose noted in the statement based on the Design Calculation for the structural soundness of the building and has been verified taking into account the loading as per the latest Indian Standards IS: 1895 and the structure will be stable and structurally sound as per the Design and Structural Drawings produced before me.

Date: 01.07.2026

Signature of the Registered Engineer

Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862

FORM - C

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Ref No: **Date: 01.07.2026**

1.	Location of the Building (Door No. Street Name & Name of the Place)	:	**The Proposed Construction Of Apartment R.C.C Roof Parking Cum Stilt, First, Second, Third & Fourth Floor Residential Building In Plot No: 16, 17, 18, 19, 20 & 21,Ward No: 06,Block No33, T.S.No:1748/17, 1748/18,1748/19, 1748/22,1748/23, 1748/24, Divine Avenue, Kasthooribai Road, Kumbakonam City Municipal Corporation, Kumbakonam Taluk, Thanjavur District.**
2.	Age of the Building	:	Proposed Construction
3.	The value of the building at current rates	:	Rs.1,75,00,000/- (Rupees One Crores & Seventy Five Lakhs Only)
4.	Number of Storeys	:	Stilt + 4 Floors
5.	Short description of structures, Steel - R.C.C. framed or load bearing masonry	:	RCC framed structure, RCC continues Slab with "T" beams and roofing.
6.	Purpose for which the building certified for use	:	Residential use
7.	The period for which the building will be structurally sound	:	Does not arise (Since it is a Proposed Construction)
8.	Number of persons to be Accommodated	:	240 Persons (20 persons per Flat Approx.)
9.	Remarks	:	No defects

Signature of Engineer,

Er. A. SITHANANDAM, M.E., M.I.E.,
Registered Structural Engineer Grade - 1
PPA. R. No. 3-896/PPA/LIC/SE/2016
CMDA No. SE/GR-1/19/05/134
DTCP. RSE/GR-1/VPM Dist./Aug 2020/014
No.39, 6th Cross St., Ezhil Nagar (North),
Puducherry -3, Mobile: 9789546862

THE LANDLENS SUITE

Eight ways to know a piece of land before you pay for it.

This report covers one part of the picture. These cover the rest, drawn from the same government records, for any property in Tamil Nadu.

LandLens One
Ask anything about a property and get an answer grounded in live government records, with the sources shown.
/landlens/one

Verify My Land
Every record check run on one property and returned as a single report.
/landlens/verify-my-land

Legal Opinion
An advocate's written opinion on the title, built on the records we pull for it.
/landlens

One Map
Every layer on one map: the parcel, its boundary, zoning, water bodies and what sits around it.
/landlens/one/map

PriceMap
What land actually changed hands for around this plot, taken from the registered deeds.
/landlens/pricemap

Build Scope
What you are allowed to build here: floor space, height, coverage and setbacks.
/landlens/build-scope

Property Tracker
Watch a property and hear about it when something new is registered against it.
/landlens/property-tracker

Deal Room
Run the transaction in one place: documents, stamping, signatures and the parties.
/landlens/deal-room

FREE TOOLS · NO ACCOUNT NEEDED

Twenty-four checks you can run yourself, at no cost.

Records and verification

The registers themselves, read for you.

- Encumbrance Certificate
- Patta and Chitta
- Field Measurement Sketch
- EC Analyzer
- Bank charge check
- Court case search
- Seller background check
- Approval check by survey

Value and duty

What it is worth and what it costs to register.

- Guideline value by street
- Guideline value by survey
- Stamp duty and registration fees
- Capital gains
- Floor space index
- Area unit converter

Zoning and land use

What the plan says can happen on this land.

- Land use zone finder
- CMDA land use check
- Coastal regulation zone
- Master plan check
- Water bodies finder
- Airport height clearance

Registers and directories

Who holds it, and which office keeps the record.

- Find your registering office
- Temple property check
- Waqf property check
- RERA register

Every free tool
/tools

Services we run for you
/services

The LandLens suite
/landlens/one

Verified RealEstate™

Every claim in this document traces back to a government record.

- Legal opinions, due diligence and title verification
- Building plan, layout and sub-division approvals
- Completion and occupancy certificates, regularisation
- Escrow, negotiation and NRI property management
- Land survey, soil testing, architecture and construction

Verified RealEstate
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India
hello@verified.realestate
+91 9996 12 9996

Prepared from the registers named on the page each finding sits on. Where a register could not be read, this document says so in its place rather than leaving the gap to be read as a clean result.