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RE REGULATORY RECORD

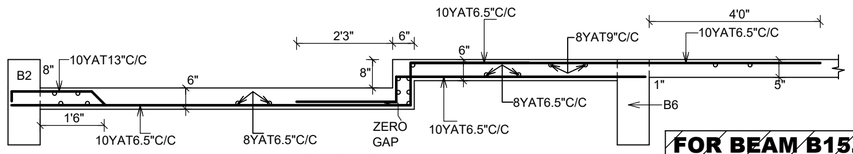
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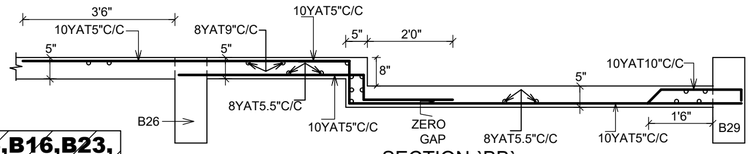
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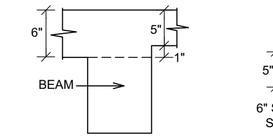


SECTION-`AA`



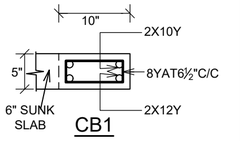
SECTION-`BB`

FOR BEAM B15,B16,B23, B24,B45 PROVIDE 1: 1: 2

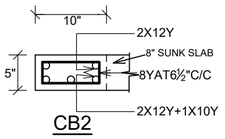


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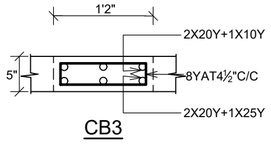
FOR 6" THICK SLAB SHUTTERING SOFFIT SHOULD BE 1" LOWER FROM 5"THICK SLAB



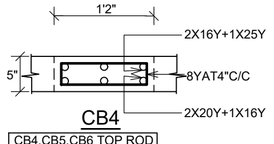
CB1



CB2

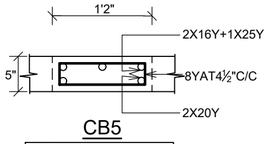


CB3



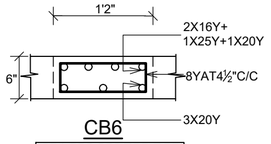
CB4

CB4,CB5,CB6 TOP ROD SHOULD BE THRO' ROD
CB4,CB5,CB6 BOTTOM ROD SHOULD BE THRO' ROD



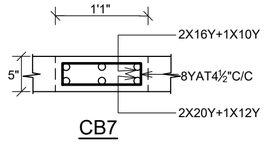
CB5

CB4,CB5,CB6 TOP ROD SHOULD BE THRO' ROD
CB4,CB5,CB6 BOTTOM ROD SHOULD BE THRO' ROD

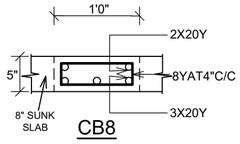


CB6

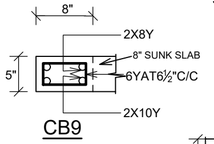
CB4,CB5,CB6 TOP ROD SHOULD BE THRO' ROD
CB4,CB5,CB6 BOTTOM ROD SHOULD BE THRO' ROD



CB7



CB8

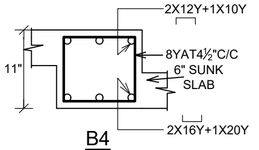


CB9

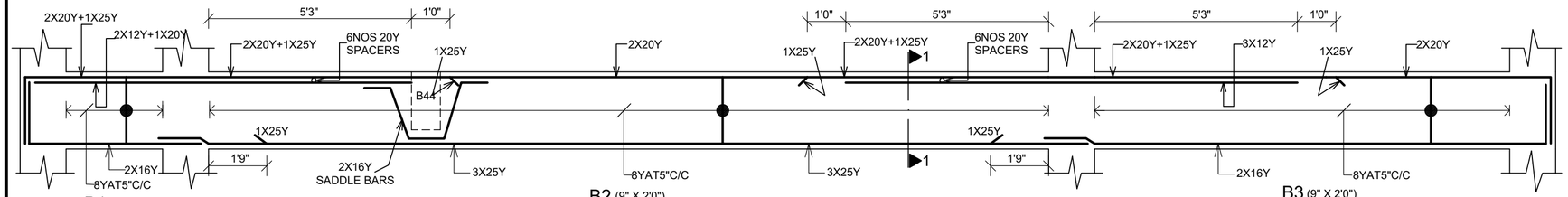
CB5,CB6 BOTTOM ROD KINKED DUE TO CHANGE IN DEPTH

FOR ALL HEAVY BEAMS MAIN BARS LAPPING PORTION SHOULD BE ZIG ZAG WELDED BY FIXING 16mm EXTRA ROD ON BOTHSIDES.

FOR HEAVY BEAM AREA MORE PROPS SHOULD BE PROVIDED WITH / 2 STAGES OF BRACINGS BEFORE CONCRETING



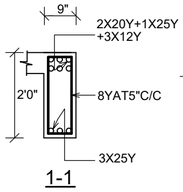
B4



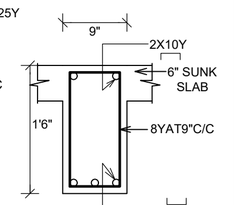
B1 (9" X 2'0")

B2 (9" X 2'0")

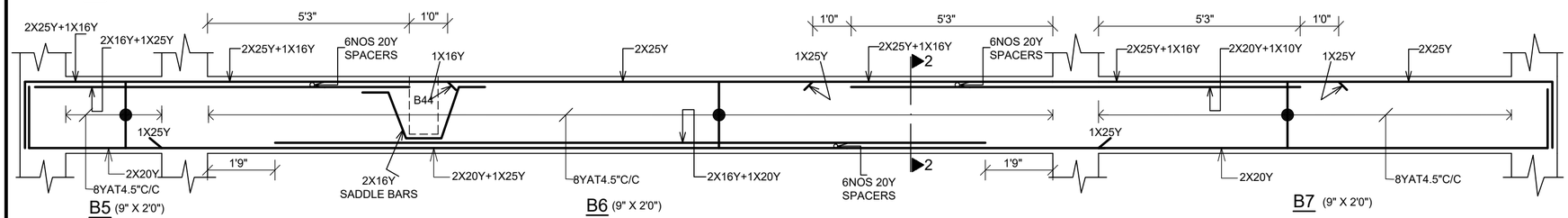
B3 (9" X 2'0")



1-1



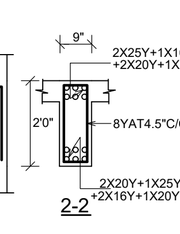
B8



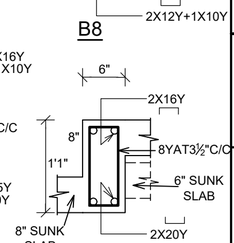
B5 (9" X 2'0")

B6 (9" X 2'0")

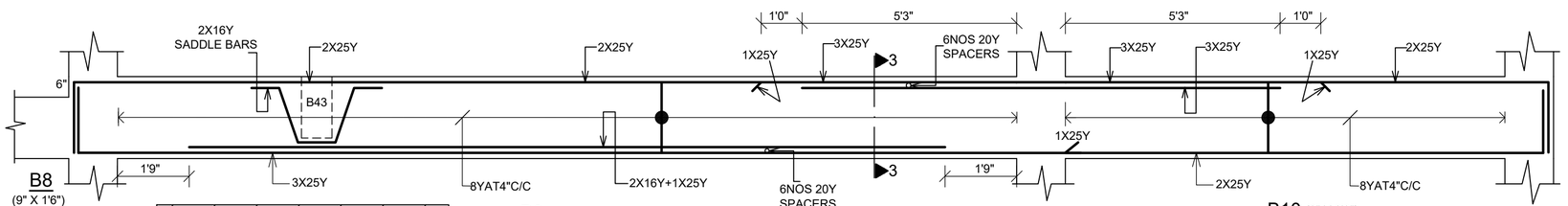
B7 (9" X 2'0")



2-2



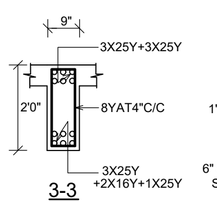
B11



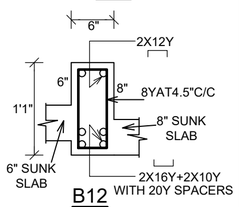
B8 (9" X 1'6")

B9 (9" X 2'0")

B10 (9" X 2'0")



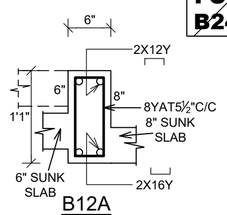
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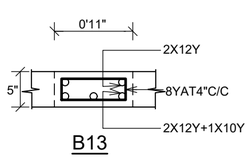
B12

II ND LAYER ROD 2X10Y CURTAILED AT 8" FROM EACH INNER SUPPORT

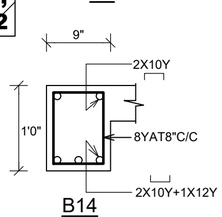
FOR BEAM B15,B16,B23, B24,B45 PROVIDE 1: 1: 2



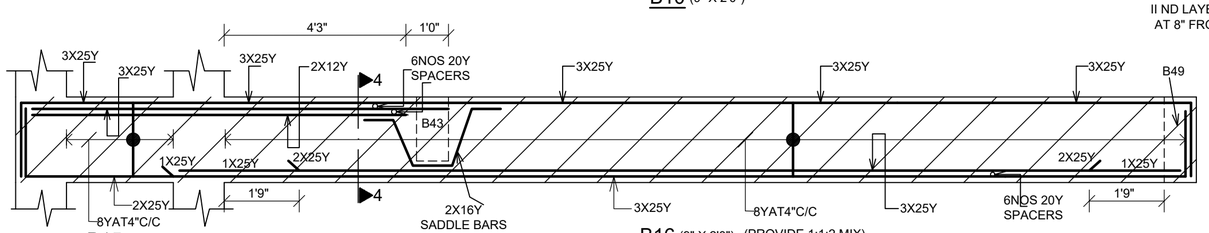
B12A



B13

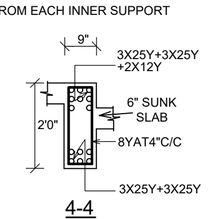


B14



B15 (9" X 2'0") (PROVIDE 1:1:2 MIX)

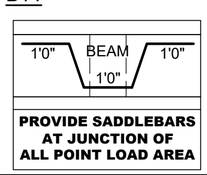
B16 (9" X 2'0") (PROVIDE 1:1:2 MIX)



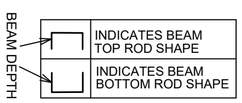
4-4

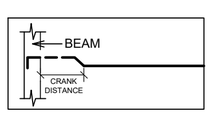
FOR HEAVY BEAM AREA JACK SHOULD BE PROVIDED AT 2'0" INTERVAL.

2.5" - FLOOR FINISH THICKNESS CONSIDERED IN ROOF SLAB/BEAM DESIGN



PROVIDE SADDLEBARS AT JUNCTION OF ALL POINT LOAD AREA





ALL CRANK DISTANCE MENTIONED IN LAYOUT ARE FROM INNER FACE OF BEAM

CONCRETE MIX
1 : 1.5: 3 / 1: 1: 2

FOR ALL AREA SUFFICIENT PROPS SHOULD BE PROVIDED WITH MORE BRACINGS BEFORE CONCRETING

DRAINAGE PIPE SLEEVE SHOULD BE LEFT BEFORE CONCRETING OF SUNK SLAB BEAM

PROVIDE 2X10Y EXTRA STIRRUPS IN SUNK SLAB BEAM ON EACH SIDE OF PIPE SLEEVE.

PROVIDE 2X12Y EXTRA BARS AT TOP & BOTTOM OF PIPE SLEEVE FOR 2'6" LENGTH INSUNK SLAB BEAM

NOTES:-

1. CONCRETE MIX SHALL BE 1 :1.5 :3 / 1: 1: 2.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE BEAM =1",SLAB =.75".
4. MINIMUM LAP LENGTH SHALL BE 32Y=6'0" 16Y=3'3",12Y=2'6",10Y=2'0",20Y=4'0",25Y=5'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER'S SITE VISIT.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.
11. THE STABILITY OF SUPPORTS CENTERING & FORMWORK SHOULD BE ENSURED BYCLIENT SITE ENGINEER / CONTRACTOR BEFORE PLACING CONCRETE.

— — — INDICATES SLAB RODS AT TOP.
——— INDICATES SLAB RODS AT BOTTOM.

DEPTH OF SLAB = 5" UNLESS OTHERWISE SPECIFIED

ATTENTION:-

1. PROVIDE CHAIRS WHEREVER NECESSARY.
2. TOP DISTRIBUTORS ARE NOT SHOWN FOR CLARITY. (8YAT9"C/C).

FOR STILT ROOF SLAB LAYOUT REFER DWG.NO:- 2024 / 6310 / SD - 15

FOR BEAM B17 TO B56 RC DETAILS REFER DWG.NO:- 2024 / 6310 / SD - 17

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=2'0",1"=1'0" | DATE : 27 - 11 - 2024

STILT FLOOR ROOF SLAB & BEAM RC DETAILS - II

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

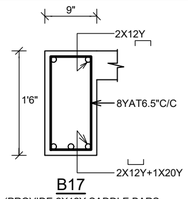
STRUCTURAL PREPARATION:- PH:-0452-4512480

L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

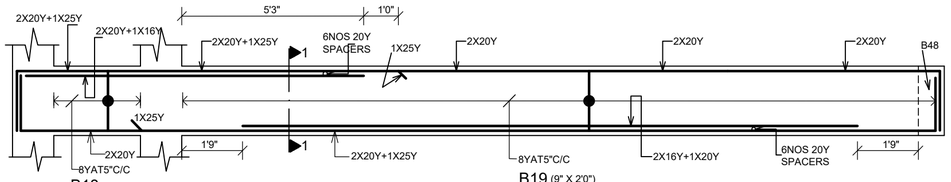
DRN :- Harish

CKED:- P.L.R

DWG.NO:- 2024 / 6310 / SD - 16

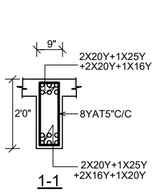


B17
(PROVIDE 2X12Y SADDLE BARS AT JUNCTION OF B57)

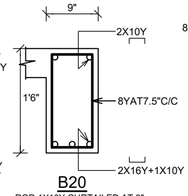


B18 (9" X 2'0")

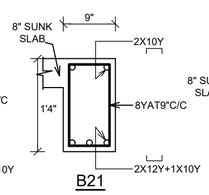
B19 (9" X 2'0")



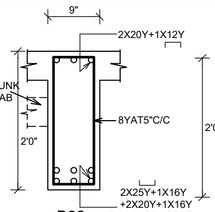
1-1



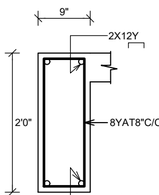
B20
ROD 1X10Y CURTAILED AT 9" FROM EACH INNER SUPPORT



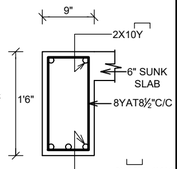
B21



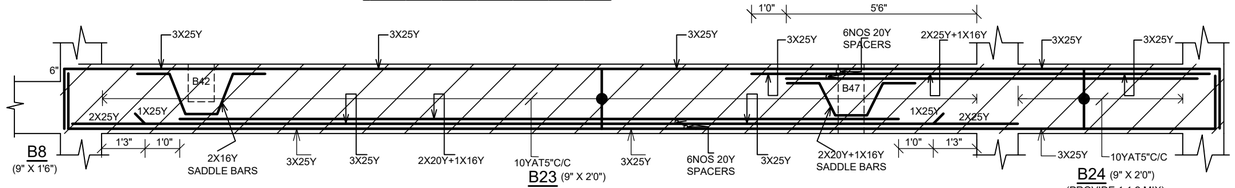
B22 WITH 20Y SPACERS
(PROVIDE 2X16Y SADDLE BARS AT JUNCTION OF B42)
II ND LAYER ROD 2X20Y+1X16Y CURTAILED AT 1'9" FROM EACH INNER SUPPORT



B31



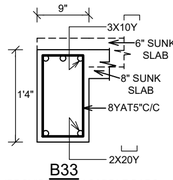
B32



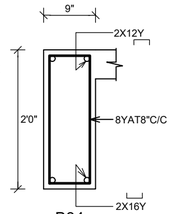
B8 (9" X 1'6")

B23 (9" X 2'0")
(PROVIDE 1:1:2 MIX)

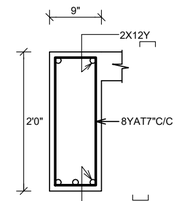
B24 (9" X 2'0")
(PROVIDE 1:1:2 MIX)



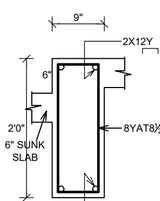
B33
(PROVIDE 2X12Y SADDLE BARS AT JUNCTION OF B12)



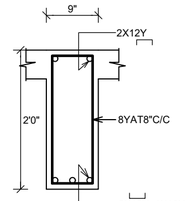
B34



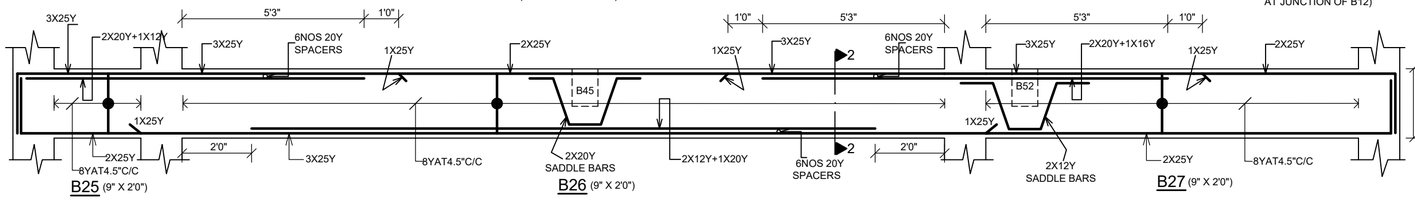
B37
(PROVIDE 2X12Y SADDLE BARS AT JUNCTION OF B4)
ROD 1X10Y CURTAILED AT 12" FROM EACH INNER SUPPORT



B40



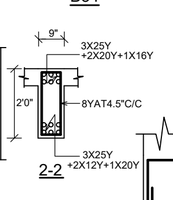
B41
ROD 1X10Y CURTAILED AT 12" FROM EACH INNER SUPPORT



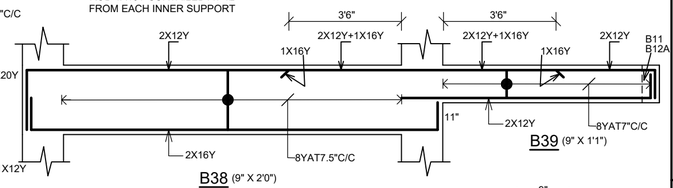
B25 (9" X 2'0")

B26 (9" X 2'0")

B27 (9" X 2'0")

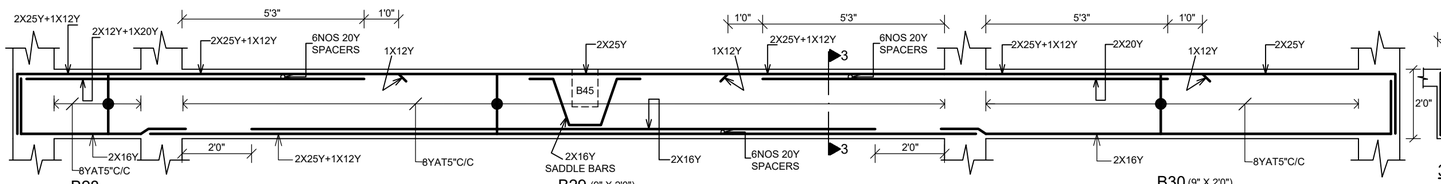


2-2



B39 (9" X 1'1")

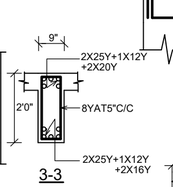
B38 (9" X 2'0")



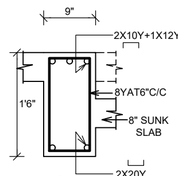
B28 (9" X 2'0")

B29 (9" X 2'0")

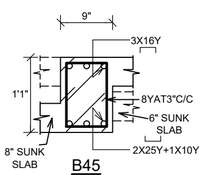
B30 (9" X 2'0")



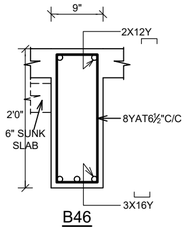
3-3



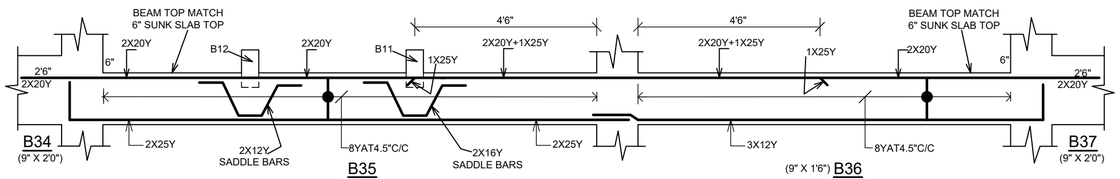
B44
(PROVIDE 2X12Y SADDLE BARS AT JUNCTION OF B4)



B45
ROD 1X10Y CURTAILED AT 12" FROM EACH INNER SUPPORT
(PROVIDE 1:1:2 MIX)



B46
ROD 1X16Y CURTAILED AT 9" FROM EACH INNER SUPPORT
(PROVIDE 2X12Y SADDLE BARS AT JUNCTION OF B4)

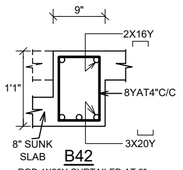


B34 (9" X 2'0")

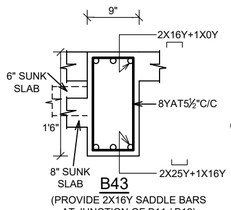
B35 (9" X 1'6")

(9" X 1'6") B36

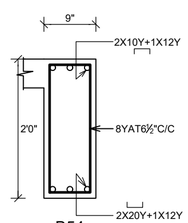
B37 (9" X 2'0")



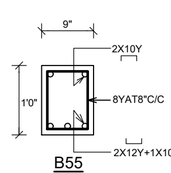
B42
ROD 1X20Y CURTAILED AT 9" FROM EACH INNER SUPPORT
(PROVIDE 2X16Y SADDLE BARS AT JUNCTION OF B12A)



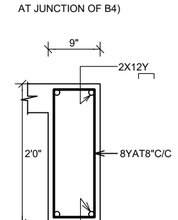
B43
(PROVIDE 2X16Y SADDLE BARS AT JUNCTION OF B11 / B12)
ROD 1X16Y CURTAILED AT 12" FROM EACH INNER SUPPORT



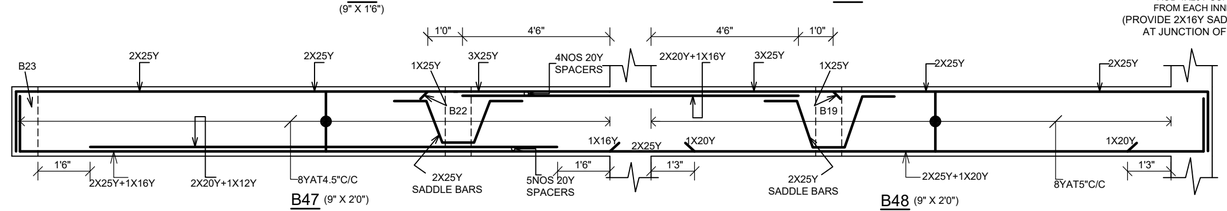
B54
ROD 1X12Y CURTAILED AT 12" FROM EACH INNER SUPPORT



B55
BEAM BOTTOM MATCH B31 / B54 BOTTOM LEVEL

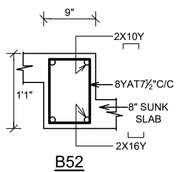


B56

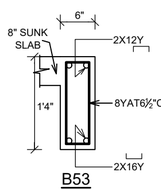


B47 (9" X 2'0")

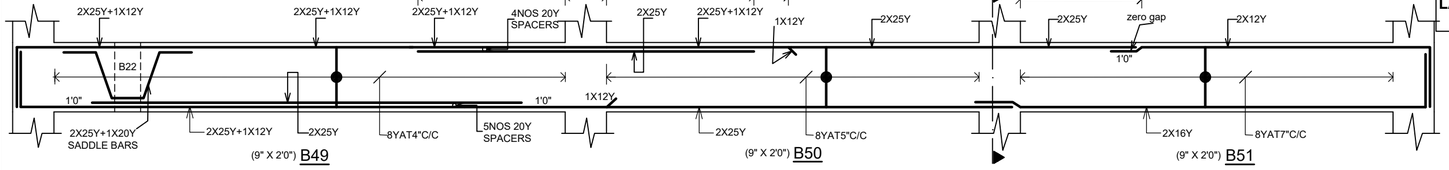
B48 (9" X 2'0")



B52



B53



(9" X 2'0") B49

(9" X 2'0") B50

(9" X 2'0") B51

NOTES:-

1. CONCRETE MIX SHALL BE 1 :1.5 :3 / 1: 1: 2.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE BEAM =1",SLAB =.75".
4. MINIMUM LAP LENGTH SHALL BE 32Y=6'0" 16Y=3'3",12Y=2'6",10Y=2'0",20Y=4'0",25Y=5'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER'S SITE VISIT.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.
11. THE STABILITY OF SUPPORTS CENTERING & FORMWORK SHOULD BE ENSURED BYCLIENT SITE ENGINEER / CONTRACTOR BEFORE PLACING CONCRETE.

— — — INDICATES SLAB RODS AT TOP.
——— INDICATES SLAB RODS AT BOTTOM.

DEPTH OF SLAB = 5" UNLESS OTHERWISE SPECIFIED

FOR BEAM B15,B16,B23, B24,B45 PROVIDE 1: 1: 2

ATTENTION:-

1. PROVIDE CHAIRS WHEREVER NECESSARY.
2. TOP DISTRIBUTORS ARE NOT SHOWN FOR CLARITY. (8YAT9"C/C).

FOR STILT ROOF SLAB LAYOUT REFER DWG.NO:- 2024 / 6310 / SD - 15

FOR BEAM B1 TO B16 RC DETAILS REFER DWG.NO:- 2024 / 6310 / SD - 16

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=2'0",1"=1'0" | DATE : 27 - 11 - 2024

STILT FLOOR ROOF SLAB & BEAM RC DETAILS - III

ARCHITECT:- PH:-0452-4391146 PH : +91 88700-06096

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH-91 75980-31360 PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

STRUCTURAL PREPARATION:- PH:-0452-4512480

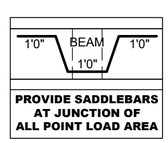
L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

DRN :- Harish | DWG.NO:- 2024 / 6310 / SD - 17

CKED:- P.L.R

FOR ALL HEAVY BEAMS MAIN BARS LAPPING PORTION SHOULD BE ZIG ZAG WELDED BY FIXING 16mm EXTRA ROD ON BOTHSIDES.

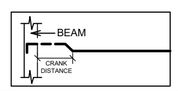
FOR HEAVY BEAM AREA MORE PROPS SHOULD BE PROVIDED WITH / 2 STAGES OF BRACINGS BEFORE CONCRETING



PROVIDE SADDLEBARS AT JUNCTION OF ALL POINT LOAD AREA

CONCRETE MIX
1 : 1.5: 3 / 1: 1: 2

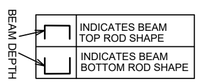
FOR ALL AREA SUFFICIENT PROPS SHOULD BE PROVIDED WITH MORE BRACINGS BEFORE CONCRETING



ALL CRANK DISTANCE MENTIONED IN LAYOUT ARE FROM INNER FACE OF BEAM

FOR HEAVY BEAM AREA JACK SHOULD BE PROVIDED AT 2'0" INTERVAL.

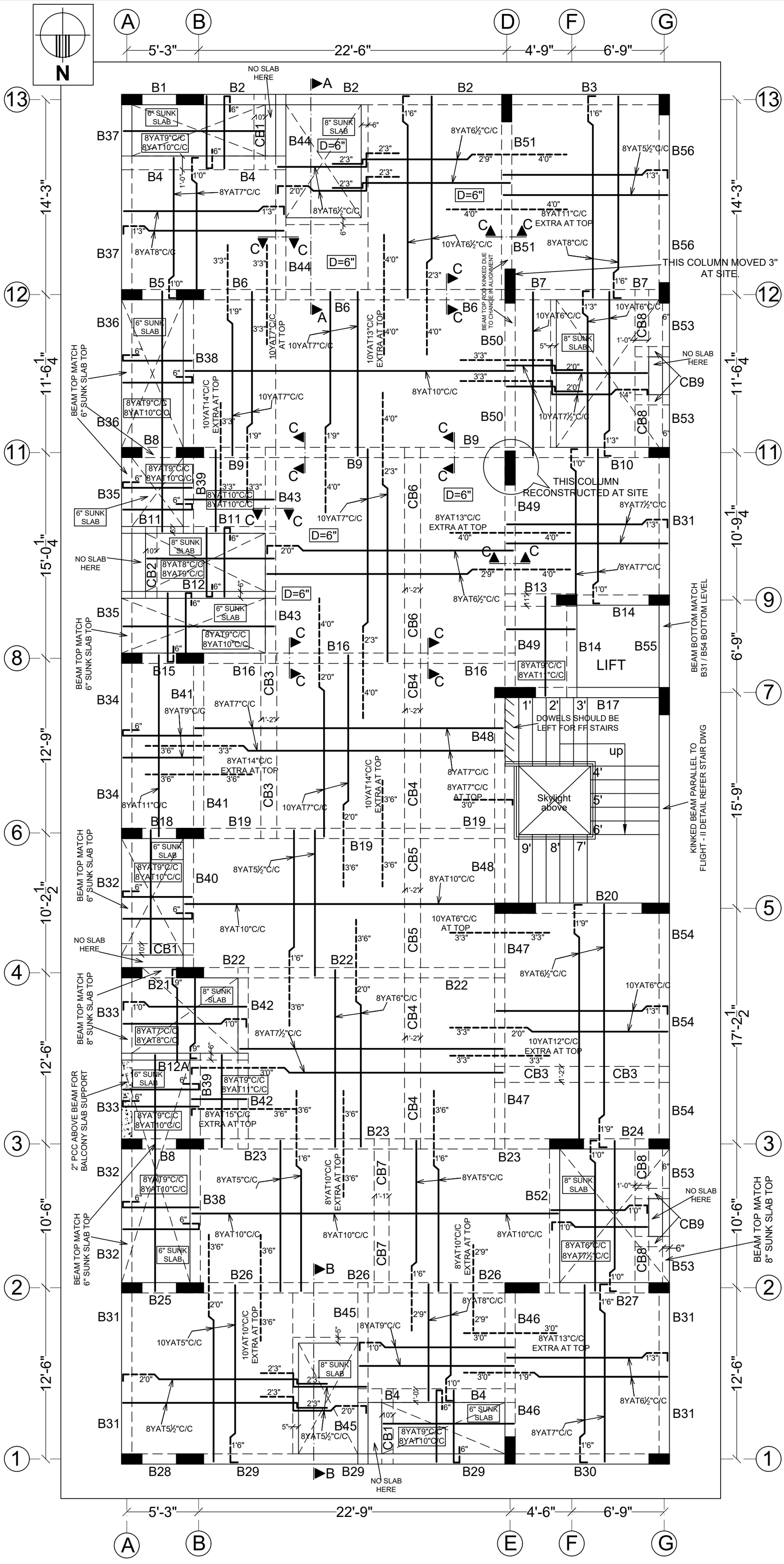
2.5" - FLOOR FINISH THICKNESS CONSIDERED IN ROOF SLAB/BEAM DESIGN



DRAINAGE PIPE SLEEVE SHOULD BE LEFT BEFORE CONCRETING OF SUNK SLAB BEAM

PROVIDE 2X10Y EXTRA STIRRUPS IN SUNK SLAB BEAM ON EACH SIDE OF PIPE SLEEVE.

PROVIDE 2X12Y EXTRA BARS AT TOP & BOTTOM OF PIPE SLEEVE FOR 2'6" LENGTH INSUNK SLAB BEAM



FOR CANTILEVER SLAB , HEAVY BEAM AREA MORE PROPS SHOULD BE PROVIDED WITH / 2 STAGES OF BRACINGS BEFORE CONCRETING

FOR ALL HEAVY BEAMS MAIN BARS LAPPING PORTION SHOULD BE ZIG ZAG WELDED BY FIXING 16mm EXTRA ROD ON BOTHSIDES.

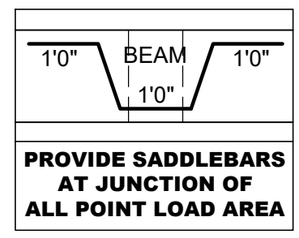
NOTES:-

1. CONCRETE MIX SHALL BE 1 :1.5 :3 / 1: 1: 2.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE BEAM =1",SLAB =.75".
4. MINIMUM LAP LENGTH SHALL BE 32Y=6'0" 16Y=3'3",12Y=2'6",10Y=2'0",20Y=4'0",25Y=5'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER'S SITE VISIT.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.
11. THE STABILITY OF SUPPORTS CENTERING & FORMWORK SHOULD BE ENSURED BYCLIENT SITE ENGINEER / CONTRACTOR BEFORE PLACING CONCRETE.

——— INDICATES SLAB RODS AT TOP.
——— INDICATES SLAB RODS AT BOTTOM.

DEPTH OF SLAB = 5"
UNLESS OTHERWISE SPECIFIED

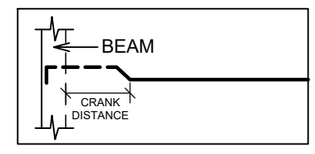
THIS DWG PRAPARED WITHOUT REVISED FF ARCHITECTURAL DWG



PROVIDE SADDLEBARS AT JUNCTION OF ALL POINT LOAD AREA

ATTENTION:-

1. PROVIDE CHAIRS WHEREVER NECESSARY.
2. TOP DISTRIBUTORS ARE NOT SHOWN FOR CLARITY. (8YAT9"C/C).



ALL CRANK DISTANCE MENTIONED IN LAYOUT ARE FROM INNER FACE OF BEAM

FOR BEAM B15,B16,B23, B24,B45 PROVIDE 1: 1: 2

FOR BEAM B1 TO B16 RC DETAILS REFER DWG.NO:- 2024 / 6310 / SD - 16

FOR BEAM B17 TO B56 RC DETAILS REFER DWG.NO:- 2024 / 6310 / SD - 17

CONCRETE MIX 1 : 1.5: 3 / 1: 1: 2

APARTMENT BUILDING
PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD
AT MADURAI.

CLIENT:
Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=4'0" | DATE : 27 - 11 - 2024

STILT FLOOR ROOF SLAB & BEAM RC DETAILS - I

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096
ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668
GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

STRUCTURAL PREPARATION:- PH:-0452-4512480
L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

DRN :- Harish
CKED:- P.L.R

DWG.NO:- 2024 / 6310 / SD - 15

PROVIDE 2X12Y EXTRA STIRRUPS IN SUNK SLAB & BOTTOM OF BEAM ON EACH SIDE OF PIPE SLEEVE.

DRAINAGE PIPE SLEEVE SHOULD BE LEFT BEFORE CONCRETING OF SUNK SLAB BEAM

FOR ALL AREA SUFFICIENT PROPS SHOULD BE PROVIDED WITH MORE BRACINGS BEFORE CONCRETING

DEPTH OF SLAB = 5" UNLESS OTHERWISE SPECIFIED

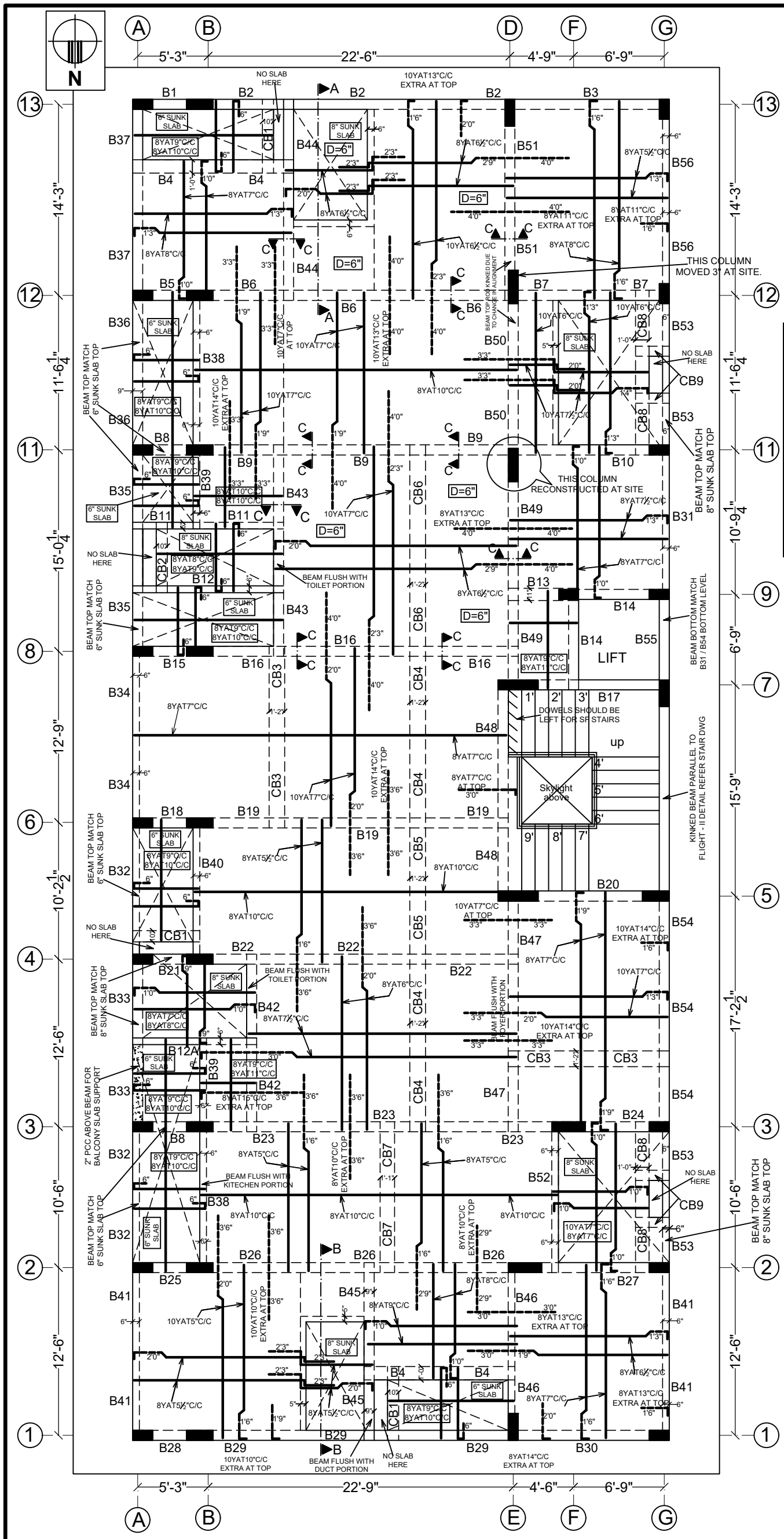
2.5" - FLOOR FINISH THICKNESS CONSIDERED IN ROOF SLAB/BEAM DESIGN

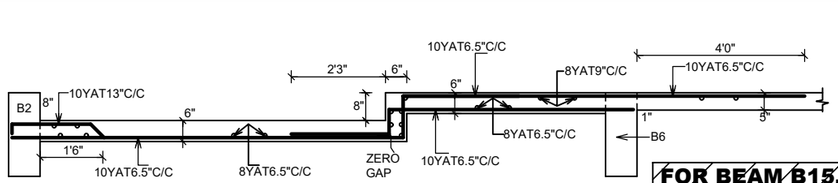
LAYOUT OF STILT FLOOR ROOF SLAB & BEAM

DEPTH OF SLAB = 5"
UNLESS OTHERWISE SPECIFIED

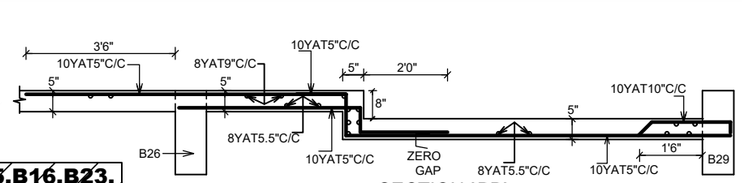
ALL SLAB TOP ROD TIED WITH BEAM TOP ROD

FOR BEAM B15,B16,B23, B24,B45 PROVIDE 1: 1: 2


N
A
B
D
F
G
5'-3"
22'-6"
4'-9"
6'-9"
13
12
11
9
8
7
6
5
4
3
2
1
14'-3"
11'-6¼"
15'-0¼"
12'-9"
10'-2½"
12'-6"
10'-9¼"
6'-9"
15'-9"
17'-2½"
10'-6"
NO SLAB HERE
10YAT13"C/C EXTRA AT TOP
8" SUNK SLAB
6" SUNK SLAB
8YAT9"C/C 8YAT10"C/C
8YAT6½"C/C
8YAT5½"C/C
8YAT7"C/C
8YAT8"C/C
8YAT11"C/C EXTRA AT TOP
10YAT6½"C/C
10YAT6"C/C
10YAT7"C/C
10YAT13"C/C EXTRA AT TOP
10YAT14"C/C EXTRA AT TOP
8YAT10"C/C
10YAT7½"C/C
8YAT13"C/C EXTRA AT TOP
8YAT7½"C/C
8YAT18"C/C 8YAT9"C/C
8YAT16"C/C EXTRA AT TOP
8YAT9"C/C 8YAT11"C/C
10YAT5"C/C
8YAT5"C/C
8YAT10"C/C EXTRA AT TOP
8YAT6"C/C
8YAT7½"C/C
10YAT14"C/C EXTRA AT TOP
10YAT7"C/C AT TOP
8YAT8"C/C
10YAT7"C/C 8YAT7"C/C
8YAT9"C/C
8YAT13"C/C EXTRA AT TOP
8YAT6½"C/C
8YAT7"C/C
8YAT7"C/C AT TOP 3'0"
8YAT10"C/C
8YAT5½"C/C
8YAT9"C/C 8YAT10"C/C
8YAT13"C/C EXTRA AT TOP
8YAT6½"C/C
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8YAT8"C/C
8YAT9"C/C
8YAT5½"C/C

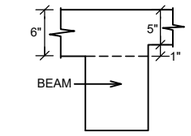


SECTION-`AA`



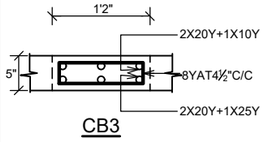
SECTION-`BB`

FOR BEAM B15,B16,B23, B24,B45 PROVIDE 1: 1: 2

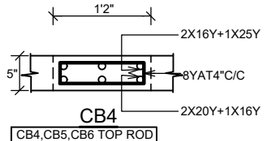


SECTION-`CC`

FOR 6" THICK SLAB SHUTTERING SOFFIT SHOULD BE 1" LOWER FROM 5"THICK SLAB

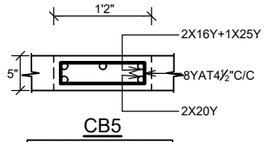


CB3



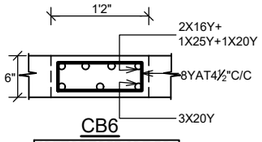
CB4

CB4,CB5,CB6 TOP ROD SHOULD BE THRO' ROD
CB4,CB5,CB6 BOTTOM ROD SHOULD BE THRO' ROD



CB5

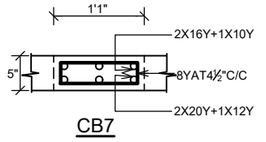
CB4,CB5,CB6 TOP ROD SHOULD BE THRO' ROD
CB4,CB5,CB6 BOTTOM ROD SHOULD BE THRO' ROD



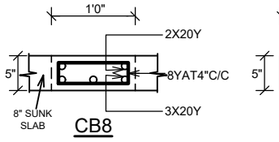
CB6

CB4,CB5,CB6 TOP ROD SHOULD BE THRO' ROD
CB4,CB5,CB6 BOTTOM ROD SHOULD BE THRO' ROD

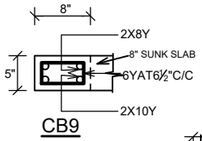
CB5,CB6 BOTTOM ROD KINKED DUE TO CHANGE IN DEPTH



CB7



CB8

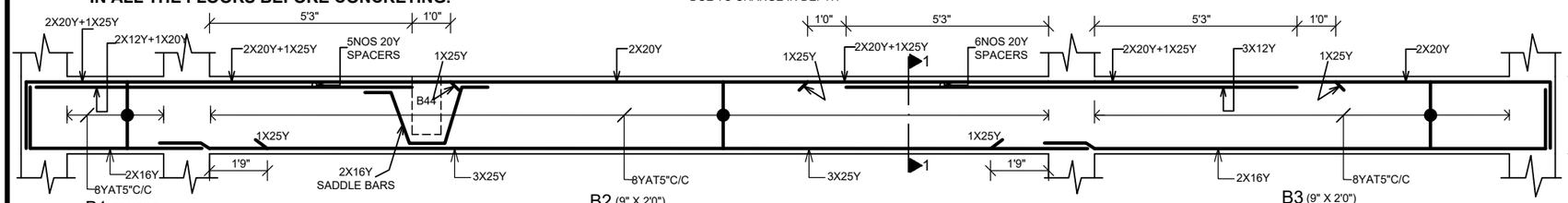


CB9

FOR HEAVY BEAMS JACK SHOULD BE PROVIDED IN ALL THE FLOORS BEFORE CONCRETING.

FOR ALL HEAVY BEAMS MAIN BARS LAPPING PORTION SHOULD BE ZIG ZAG WELDED BY FIXING 16mm EXTRA ROD ON BOTHSIDES.

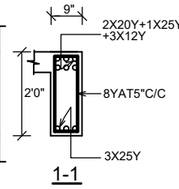
FOR HEAVY BEAM AREA MORE PROPS SHOULD BE PROVIDED WITH / 2 STAGES OF BRACINGS BEFORE CONCRETING



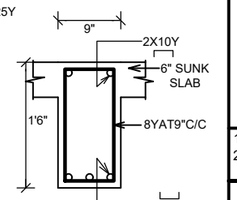
B1 (9" X 2'0")

B2 (9" X 2'0")

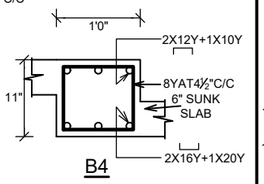
B3 (9" X 2'0")



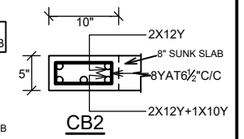
1-1



B8



B4



CB1

CB2

NOTES:-

1. CONCRETE MIX SHALL BE 1 :1.5 :3 / 1: 1: 2.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE BEAM =1",SLAB =.75".
4. MINIMUM LAP LENGTH SHALL BE 32Y=6'0" 16Y=3'3",12Y=2'6",10Y=2'0",20Y=4'0",25Y=5'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER'S SITE VISIT.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.
11. THE STABILITY OF SUPPORTS CENTERING & FORMWORK SHOULD BE ENSURED BYCLIENT SITE ENGINEER / CONTRACTOR BEFORE PLACING CONCRETE.

— — — INDICATES SLAB RODS AT TOP.
——— INDICATES SLAB RODS AT BOTTOM.

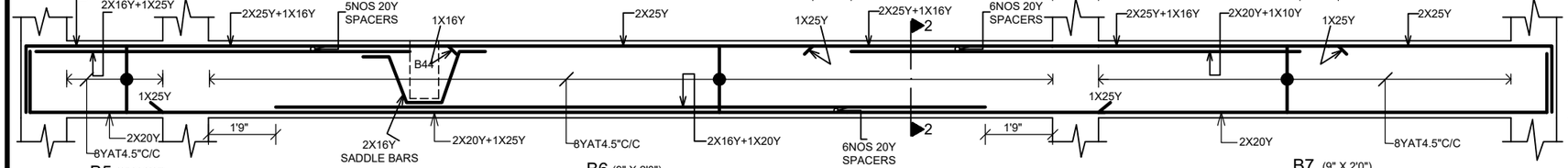
DEPTH OF SLAB = 5" UNLESS OTHERWISE SPECIFIED

ATTENTION:-

1. PROVIDE CHAIRS WHEREVER NECESSARY.
2. TOP DISTRIBUTORS ARE NOT SHOWN FOR CLARITY. (8YAT9"C/C).

FOR SF, TF, FOURTH FLOOR ROOF SLAB LAYOUT
REFER DWG.NO:- 2024 / 6310 / SD - 21

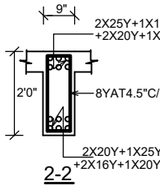
FOR BEAM B17 TO B56 RC DETAILS
REFER DWG.NO:- 2024 / 6310 / SD - 23



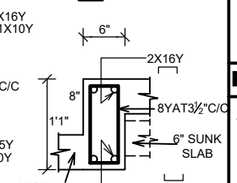
B5 (9" X 2'0")

B6 (9" X 2'0")

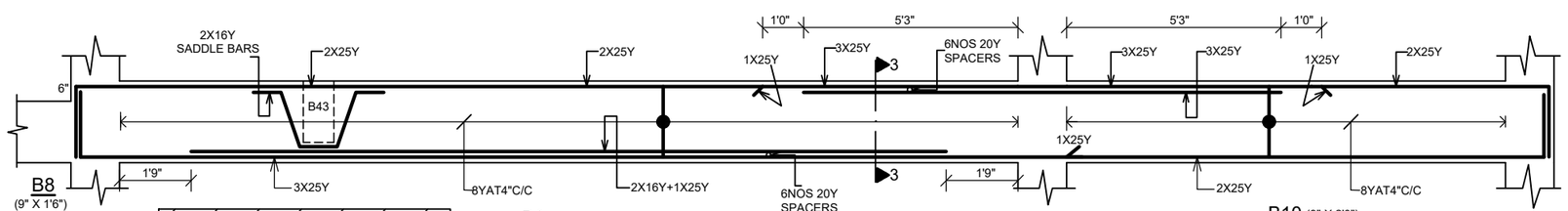
B7 (9" X 2'0")



2-2



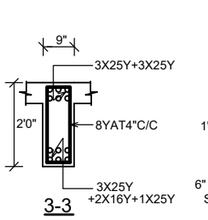
B11



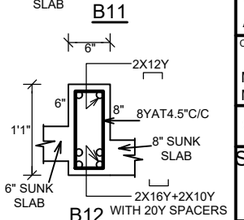
B8 (9" X 1'6")

B9 (9" X 2'0")

B10 (9" X 2'0")



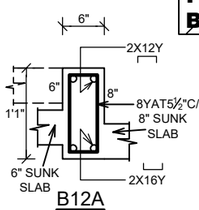
3-3



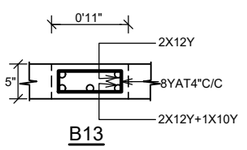
B12

II ND LAYER ROD 2X10Y CURTAILED AT 8" FROM EACH INNER SUPPORT

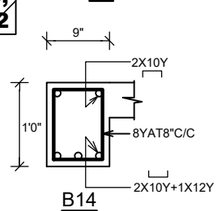
FOR BEAM B15,B16,B23, B24,B45 PROVIDE 1: 1: 2



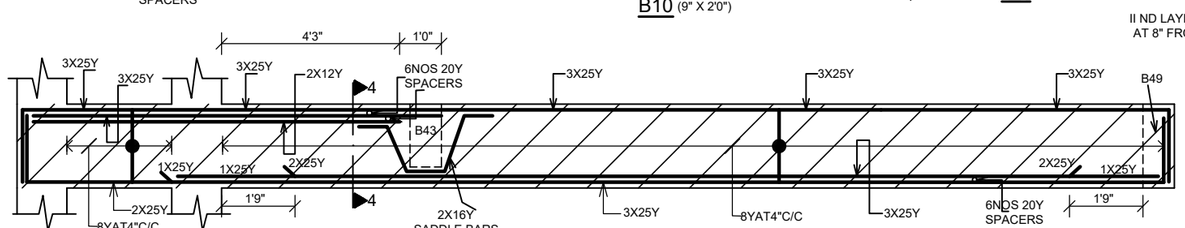
B12A



B13

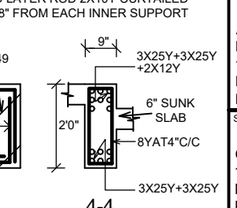


B14



B15 (9" X 2'0") (PROVIDE 1:1:2 MIX)

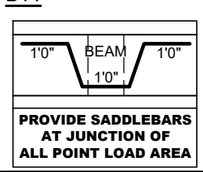
B16 (9" X 2'0") (PROVIDE 1:1:2 MIX)



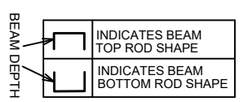
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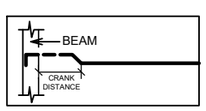
FOR HEAVY BEAM AREA JACK SHOULD BE PROVIDED AT 2'0" INTERVAL.

2.5" - FLOOR FINISH THICKNESS CONSIDERED IN ROOF SLAB/BEAM DESIGN



PROVIDE SADDLEBARS AT JUNCTION OF ALL POINT LOAD AREA





ALL CRANK DISTANCE MENTIONED IN LAYOUT ARE FROM INNER FACE OF BEAM

CONCRETE MIX
1 : 1.5: 3 / 1: 1: 2

FOR ALL AREA SUFFICIENT PROPS SHOULD BE PROVIDED WITH MORE BRACINGS BEFORE CONCRETING

DRAINAGE PIPE SLEEVE SHOULD BE LEFT BEFORE CONCRETING OF SUNK SLAB BEAM

PROVIDE 2X10Y EXTRA STIRRUPS IN SUNK SLAB BEAM ON EACH SIDE OF PIPE SLEEVE.

PROVIDE 2X12Y EXTRA BARS AT TOP & BOTTOM OF PIPE SLEEVE FOR 2'6" LENGTH INSUNK SLAB BEAM

REVISED DWG 16 - 06 - 2025

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=2'0",1"=1'0" | DATE : 14 - 06 - 2025

SECOND/ THIRD/ FOURTH FLOOR ROOF SLAB & BEAM RC DETAILS - II

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

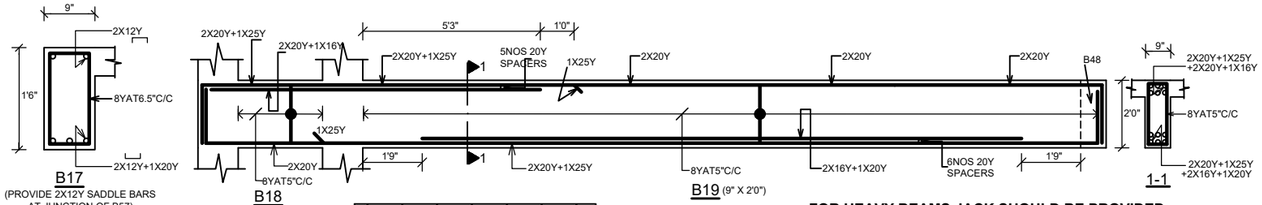
GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

STRUCTURAL PREPARATION:- PH:-0452-4512480

L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

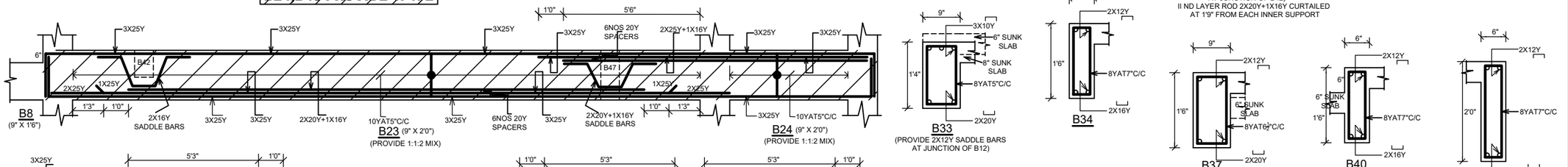
DRN :- M.S.K | DWG.NO:- 2024 / 6310 / SD- 22

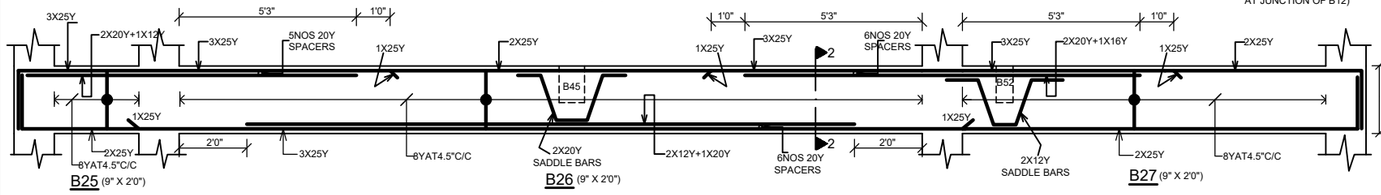
CKED:- P.L.R

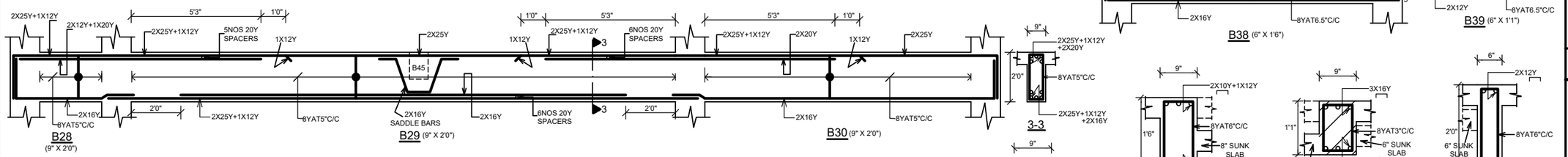


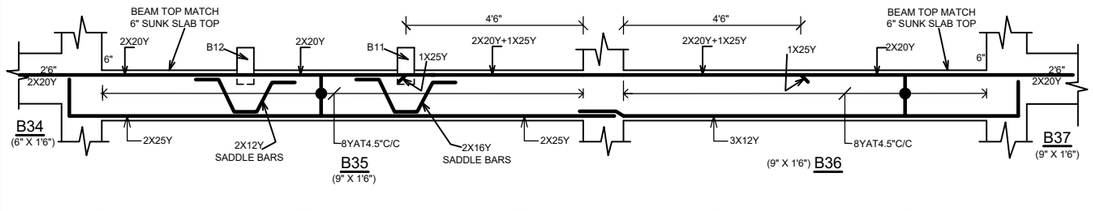
FOR BEAM B15,B16,B23, B24,B45 PROVIDE 1: 1: 2

FOR HEAVY BEAMS JACK SHOULD BE PROVIDED IN ALL THE FLOORS BEFORE CONCRETING.



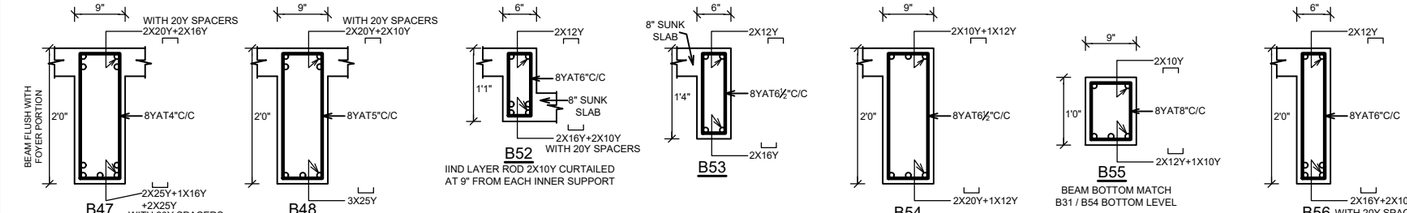






CONCRETE MIX
1 : 1.5: 3 / 1: 1: 2

FOR HEAVY BEAM AREA JACK SHOULD BE PROVIDED AT 2'0" INTERVAL.



FOR ALL HEAVY BEAMS MAIN BARS LAPPING PORTION SHOULD BE ZIG ZAG WELDED BY FIXING 16mm EXTRA ROD ON BOTHSIDES.

FOR HEAVY BEAM AREA MORE PROPS SHOULD BE PROVIDED WITH / 2 STAGES OF BRACINGS BEFORE CONCRETING

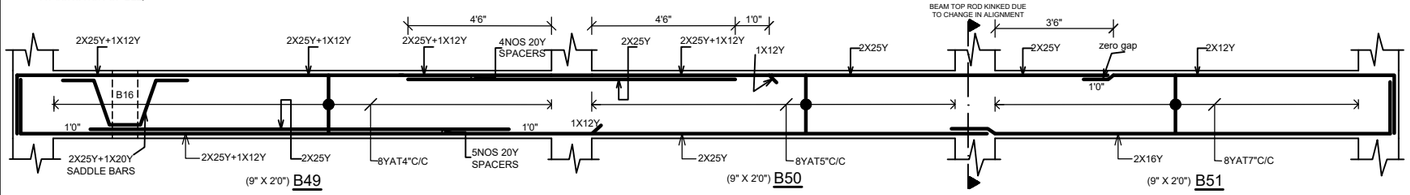
2.5" - FLOOR FINISH THICKNESS CONSIDERED IN ROOF SLAB/BEAM DESIGN

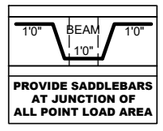
DRAINAGE PIPE SLEEVE SHOULD BE LEFT BEFORE CONCRETING OF SUNK SLAB BEAM

PROVIDE 2X10Y EXTRA STIRRUPS IN SUNK SLAB BEAM ON EACH SIDE OF PIPE SLEEVE.

PROVIDE 2X12Y EXTRA BARS AT TOP & BOTTOM OF PIPE SLEEVE FOR 2'6" LENGTH INSUNK SLAB BEAM

BEAM DEPTH
- INDICATES BEAM TOP ROD SHAPE
- INDICATES BEAM BOTTOM ROD SHAPE

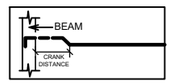




PROVIDE SADDLEBARS AT JUNCTION OF ALL POINT LOAD AREA

CONCRETE MIX
1 : 1.5: 3 / 1: 1: 2

FOR ALL AREA SUFFICIENT PROPS SHOULD BE PROVIDED WITH MORE BRACINGS BEFORE CONCRETING



ALL CRANK DISTANCE MENTIONED IN LAYOUT ARE FROM INNER FACE OF BEAM

NOTES:-
1. CONCRETE MIX SHALL BE 1 :1.5 :3 / 1: 1: 2.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE BEAM =1",SLAB =.75".
4. MINIMUM LAP LENGTH SHALL BE 32Y=6'0", 16Y=3'3",12Y=2'6",10Y=2'0",20Y=4'0",25Y=5'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER'S SITE VISIT.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.
11. THE STABILITY OF SUPPORTS CENTERING & FORMWORK SHOULD BE ENSURED BY CLIENT SITE ENGINEER / CONTRACTOR BEFORE PLACING CONCRETE.

– – – INDICATES SLAB RODS AT TOP.
——— INDICATES SLAB RODS AT BOTTOM.

DEPTH OF SLAB = 5" UNLESS OTHERWISE SPECIFIED

FOR BEAM B15,B16,B23, B24,B45 PROVIDE 1: 1: 2

ATTENTION:-
1. PROVIDE CHAIRS WHEREVER NECESSARY.
2. TOP DISTRIBUTORS ARE NOT SHOWN FOR CLARITY. (8YAT9"C/C).

FOR SF, TF, FOURTH FLOOR ROOF SLAB LAYOUT
REFER DWG.NO:- 2024 / 6310 / SD - 21

FOR BEAM B1 TO B16 RC DETAILS
REFER DWG.NO:- 2024 / 6310 / SD - 22

REVISED DWG 16 - 06 - 2025

APARTMENT BUILDING
PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD
AT MADURAI.

CLIENT:
Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=2'0",1"=1'0" | DATE : 14 - 06 - 2025

SECOND/ THIRD/ FOURTH FLOOR ROOF SLAB & BEAM RC DETAILS - III

ARCHITECT:- PH:-0452-4391146, PH : +91 88700-06096
ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

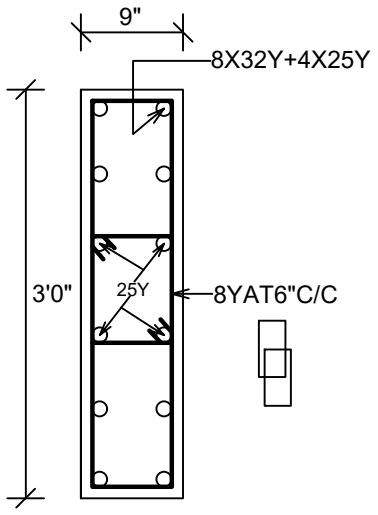
SOIL CONSULTANT:- PH:-91 75980-31360, PH:- 0452-4366668
GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

STRUCTURAL PREPARATION:- PH:-0452-4512480
L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

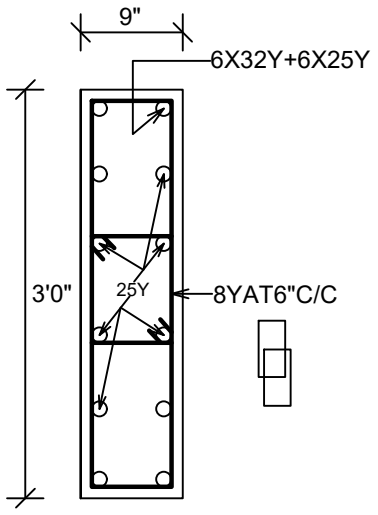
DRN :- M.S.K | DWG.NO:- 2024 / 6310 / SD- 23
CKED:- P.L.R

GROUND FLOOR & FIRST FLOOR COLUMNS

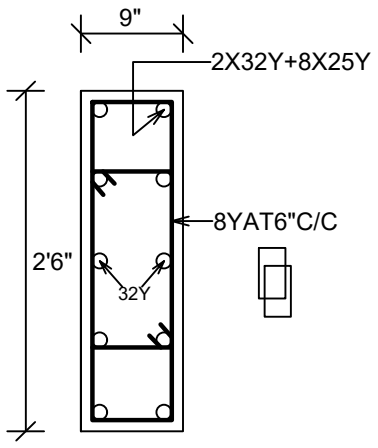
WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION



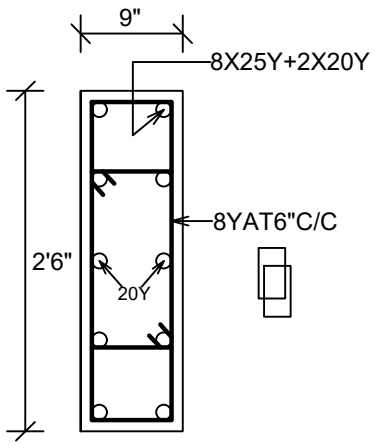
COLUMN C1



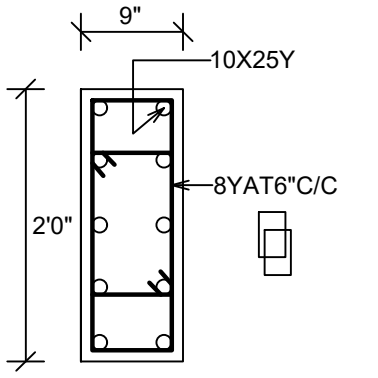
COLUMN C2



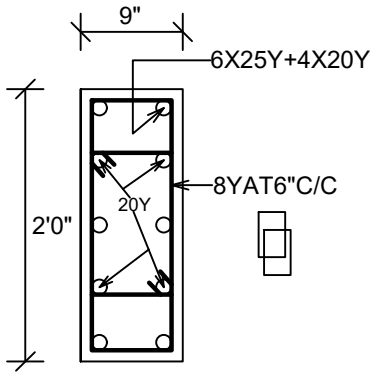
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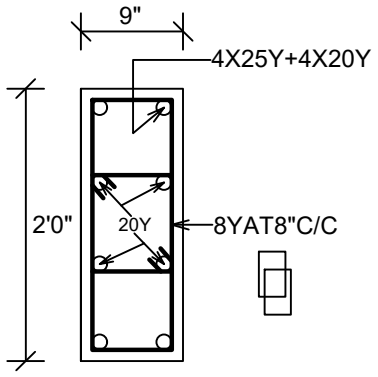
COLUMN C4



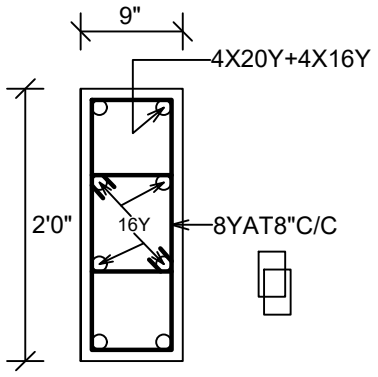
COLUMN C5



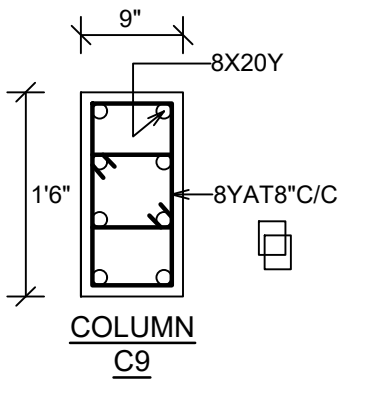
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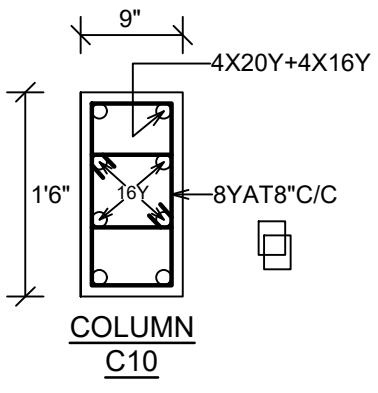
COLUMN C7



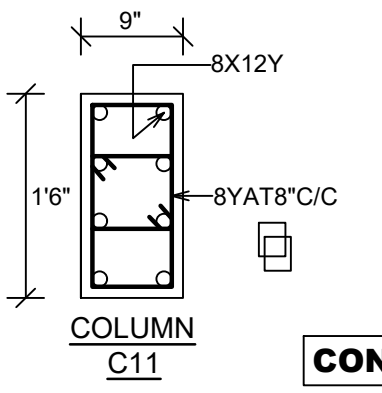
COLUMN C8



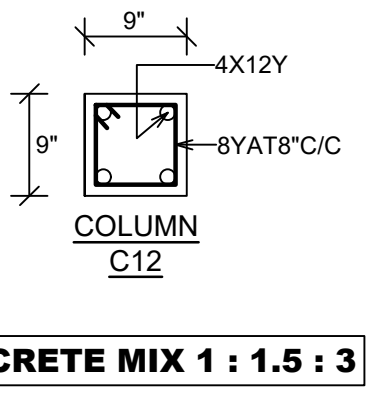
COLUMN C9



COLUMN C10



COLUMN C11



COLUMN C12

PROVIDE 8YAT4"C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

CONCRETE MIX 1 : 1.5 : 3

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE FOOTINGS = 2",COLUMNS,RAFTBEAM= 1½".
4. MINIMUM LAP LENGTH SHALL BE 32Y=5'3",25Y=4'3",20Y=3'3",16Y=2'9",12Y=1'6".
5. FOUNDATION CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT THERE IS NO LOOSE POCKETS IN THE SOIL STRATUM.
6. FOOTING CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
7. ALL COLUMNS ARE CONCENTRIC TO THE FOOTINGS.
8. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
9. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER VISIT.
10. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
11. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
12. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

ATTENTION:-

1. S.B.C OF SOIL IS TAKEN AS 15.4 T/M² AS PER SOIL INVESTIGATION REPORT
2. NO OF FLOORS CONSIDERED IN DESIGN GROUND FLOOR + 5 UPPER FLOORS.

FOR FOOTINGS & COLUMNS LAYOUT REFER DWG NO : 2024 / 6310 / SD - 1

FOR FOOTING SCHEDULE DETAILS REFER DWG NO : 2024 / 6310 / SD - 2

FOR F31 TO F37,RAFTBEAM RC DETAILS REFER DWG NO : 2024 / 6310 / SD - 4

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=1'0".

DATE : 28 - 06 - 2024

FOOTINGS & COLUMNS DETAILS-III
G.F & F.F COLUMNS RC DETAILS

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

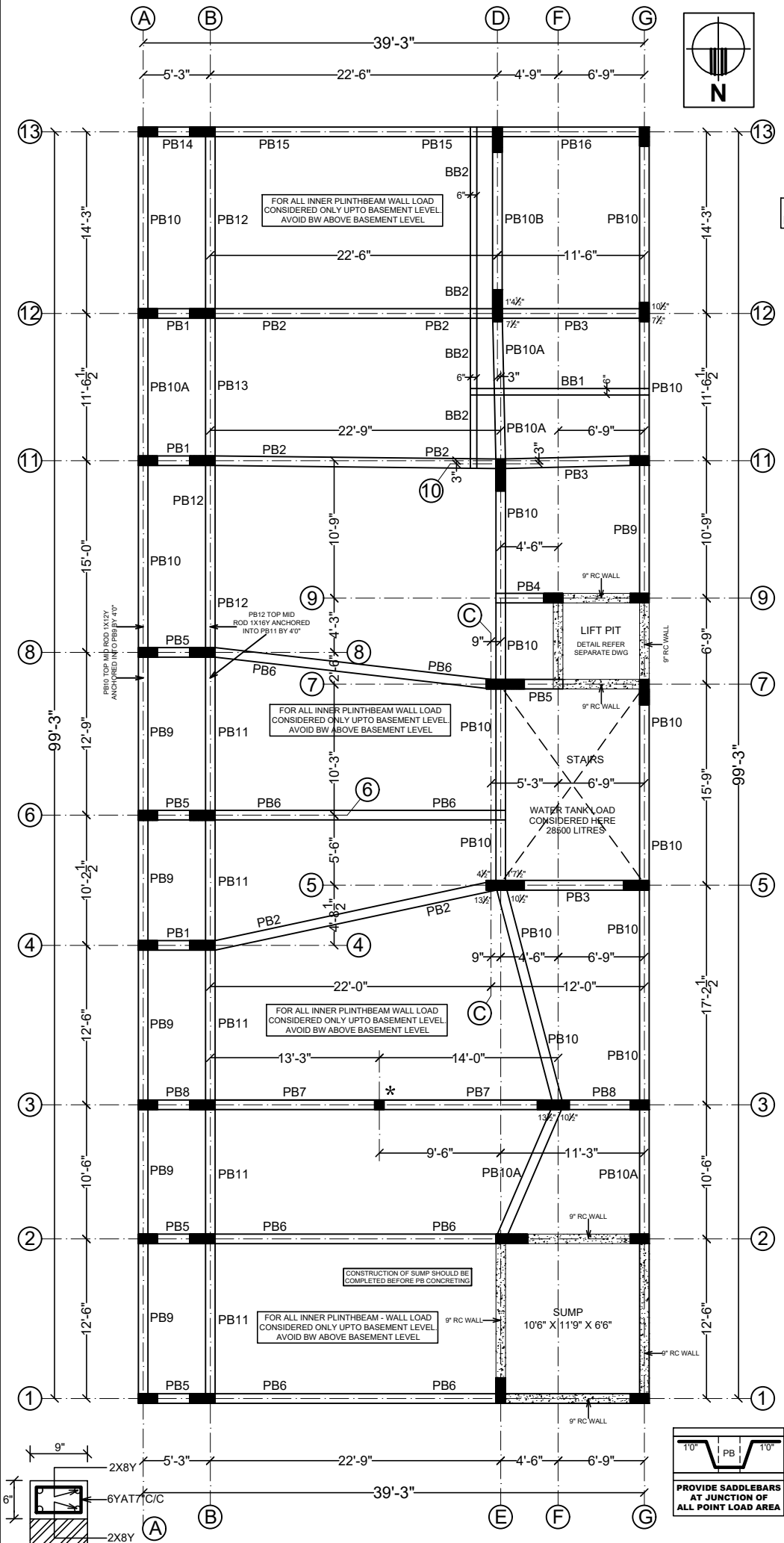
STRUCTURAL PREPARATION:- PH:-0452-4512480

L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

DRN :- Sabarish

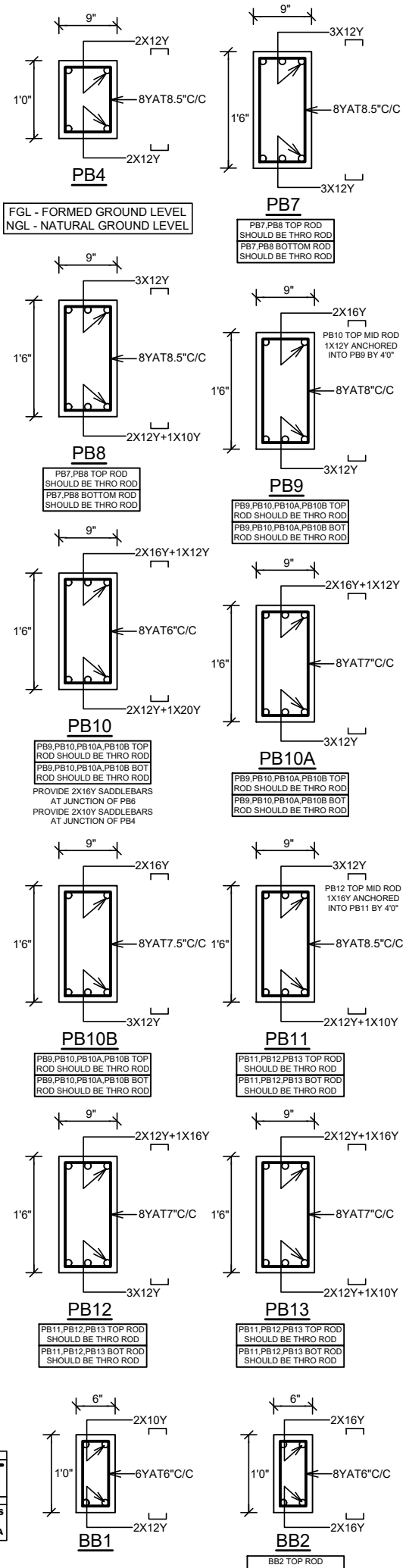
CKED:- P.L.R

DWG.NO:- 2024 / 6310 / SD -3



LAYOUT OF PLINTHBEAM

BB1,BB2 SHOULD BE PROVIDED AT BASEMENT LEVEL



CONCRETE MIX 1 : 1.5 : 3

BEAM DEPTH

INDICATES BEAM TOP ROD SHAPE

INDICATES BEAM BOTTOM ROD SHAPE

PROVIDE 1.5" THICK DPC AT BASEMENT LEVEL

CONCRETE MIX 1 : 1.5 : 3

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE BELT = 0.75", SLAB = 0.75", BEAM = 1".
4. MINIMUM LAP LENGTH SHALL BE 20Y=4'0",16Y=3'3",12Y=2'6",10Y=2'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER VISIT.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

* THESE COLUMNS ARE TERMINATED AT RESPECTIVE BASEMENT LEVEL.

ALL PLINTH BEAM SOFFIT LEVEL SHOULD BE AT SAME LEVEL

BASEMENT HEIGHT SHALL BE MAXI 1'9" FROM TOP OF 1'6" HIGH PB

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

UPTO BASEMENT LEVEL FLYASH BRICKS SHALL BE USED

BASEMENT FILLING SHOULD BE DONE IN 2 STAGES WITH REGULAR CONSOLIDATION

AVOID CONTINUOUS BASEMENT FILLING FOR FULL HEIGHT

ALL OUTSIDE PORTION OF BUILDING SHOULD BE FILLED FOR ATLEAST 1'0" BEFORE 2'0" HIGH COMPLETION OF INSIDE BASEMENT FILLING

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=5'0",1"=2'0". 1"=1'0".

DATE : 28 - 06 - 2024

PLINTHBEAM RC DETAILS

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

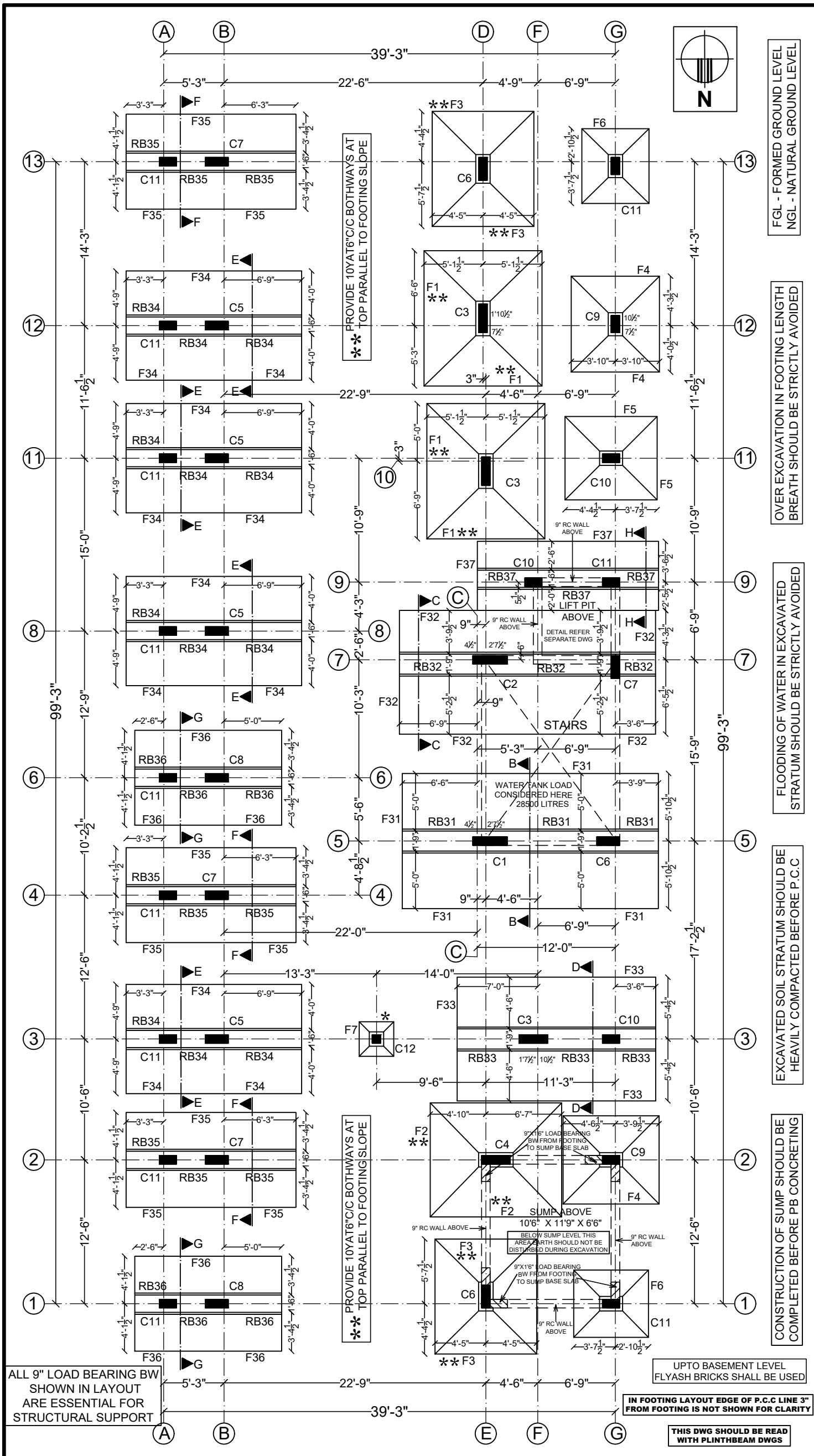
STRUCTURAL PREPARATION:- PH:-0452-4512480

L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

DRN :- Sabarish

CKED:- P.L.R

DWG.NO:- 2024 / 6310 / SD - 7



LAYOUT OF FOOTINGS & COLUMNS, RAFTBEAM

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

EXCAVATED CLAY SOIL SHOULD NOT BE USED FOR RE-FILLING

PROVIDE 8YAT4"C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

CONCRETE MIX 1 : 1.5 : 3

TO AVOID SOIL SLIDING PROPER SHUTTERING ARRANGEMENTS SHOULD BE DONE BY THE CONTRACTOR BEFORE STARTING OF EXCAVATION

PLASTICIZER SIKACIM® 100ml FOR 1 BAG CEMENT SHOULD BE ADDED FOR FOOTING TAPPER CONCRETE TO AVOID HONEYCOMBS

FOOTING CONCRETE SHOULD BE DONE WITHOUT HONEYCOMBS

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE FOOTINGS = 2",COLUMNS,RAFTBEAM= 1½".
4. MINIMUM LAP LENGTH SHALL BE 32Y=5'3",25Y=4'3",20Y=3'3",16Y=2'9",12Y=1'6".
5. FOUNDATION CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT THERE IS NO LOOSE POCKETS IN THE SOIL STRATUM.
6. FOOTING CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
7. ALL COLUMNS ARE CONCENTRIC TO THE FOOTINGS.
8. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
9. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER VISIT.
10. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
11. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
12. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

ATTENTION:-

1. S.B.C OF SOIL IS TAKEN AS 15.4 T/M² AS PER SOIL INVESTIGATION REPORT
2. NO OF FLOORS CONSIDERED IN DESIGN GROUND FLOOR + 5 UPPER FLOORS.

* THESE COLUMNS ARE TERMINATED AT GROUND FLOOR BASEMENT LEVEL.

FOR FOOTING SCHEDULE ,SECTION DETAILS REFER DWG NO : 2024 / 6310 / SD - 2

FOR G.F & F.F COLUMNS RC DETAILS REFER DWG NO : 2024 / 6310 / SD - 3

FOR F31 TO F37,RAFTBEAM RC DETAILS REFER DWG NO : 2024 / 6310 / SD - 4

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=5'0".

DATE : 28 - 06 - 2024

FOOTINGS & COLUMNS , RAFT FOOTING LAYOUT - I

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

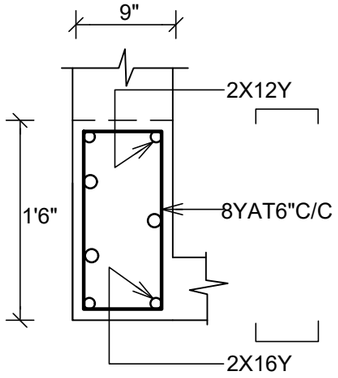
STRUCTURAL PREPARATION:- PH:-0452-4512480

L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

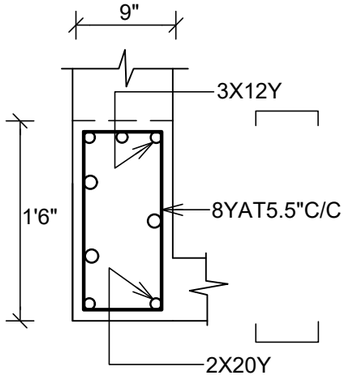
DRN :- Sabarish

CKED:- P.L.R

DWG.NO:- 2024 / 6310 / SD -1



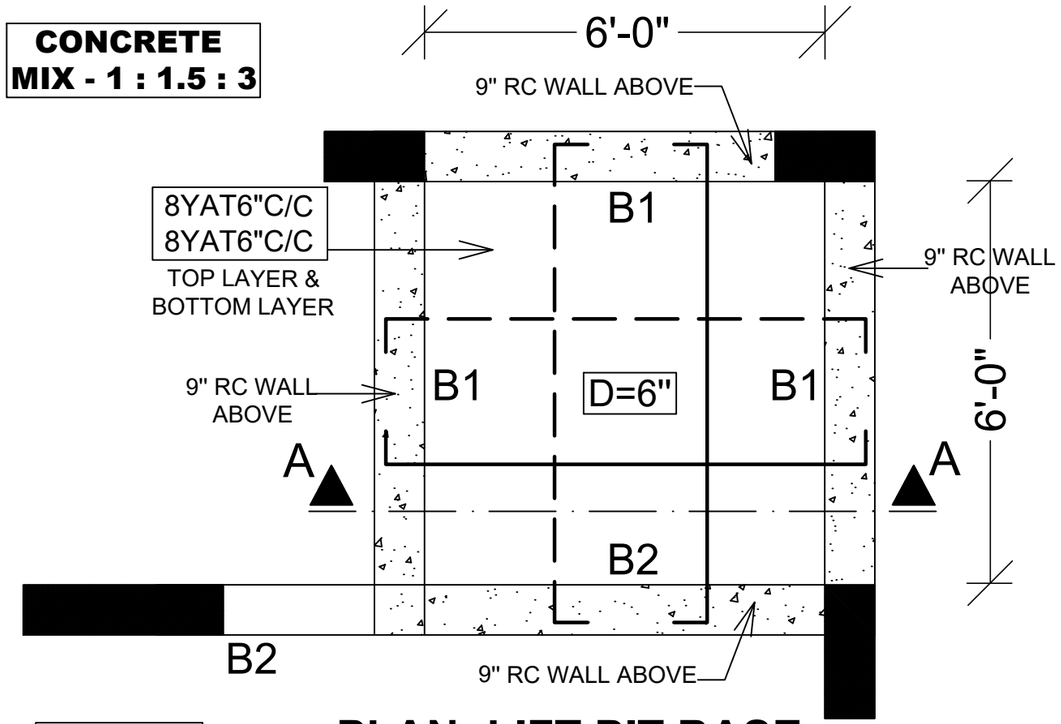
B1



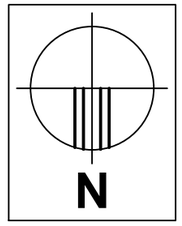
B2

PROVIDE 2X12Y SADDLEBARS AT JUNCTION OF B1

CONCRETE MIX - 1 : 1.5 : 3

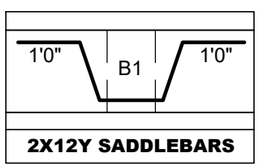


PLAN- LIFT PIT BASE SLAB & RC WALL



BEAM DEPTH

	INDICATES BEAM TOP ROD SHAPE
	INDICATES BEAM BOTTOM ROD SHAPE

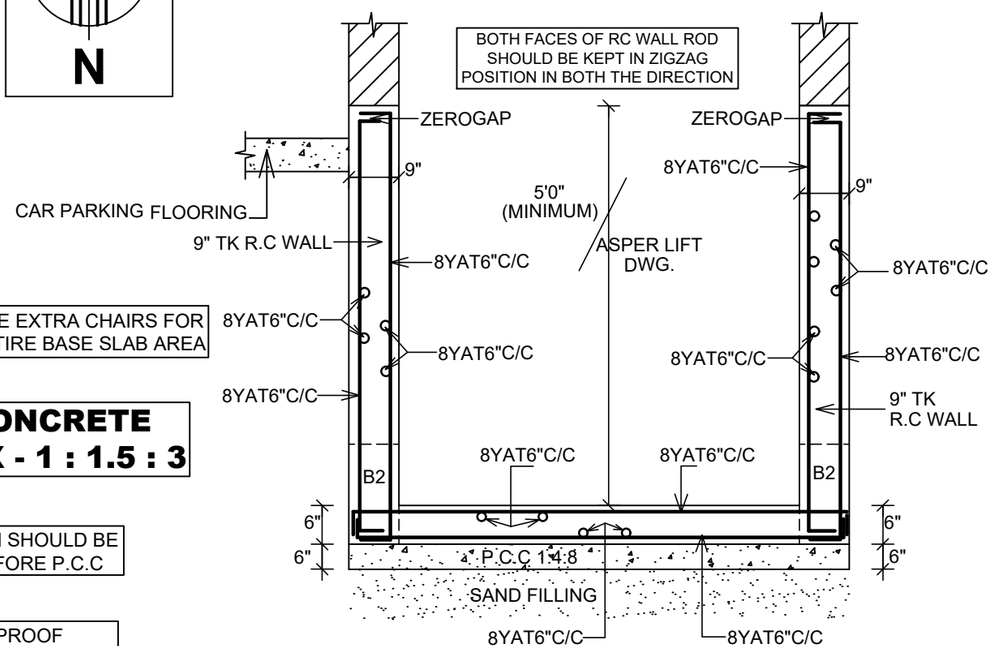


PROVIDE EXTRA CHAIRS FOR THE ENTIRE BASE SLAB AREA

CONCRETE MIX - 1 : 1.5 : 3

EXCAVATED SOIL STRATUM SHOULD BE HEAVILY COMPACTED BEFORE P.C.C

WATER PROOF,RUST PROOF CHEMICAL SHOULD BE ADDED FOR ALL CONCRETING WORK FOR LIFT PIT.



SECTION - 'AA'

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE BEAM , RC WALL, SLAB = 1".
4. MINIMUM LAP LENGTH SHALL BE 20Y=4'0",16Y=3'3",12Y=2'6",10Y=2'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

— — INDICATES REINFORCEMENT AT TOP.

——— INDICATES REINFORCEMENT AT BOTTOM.

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=2' 0",1"=1'0" | DATE : 28 - 06 - 2024

LIFT PIT RC DETAILS

ARCHITECT:- PH:-0452-4391146

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY, MADURAI - 625 002.

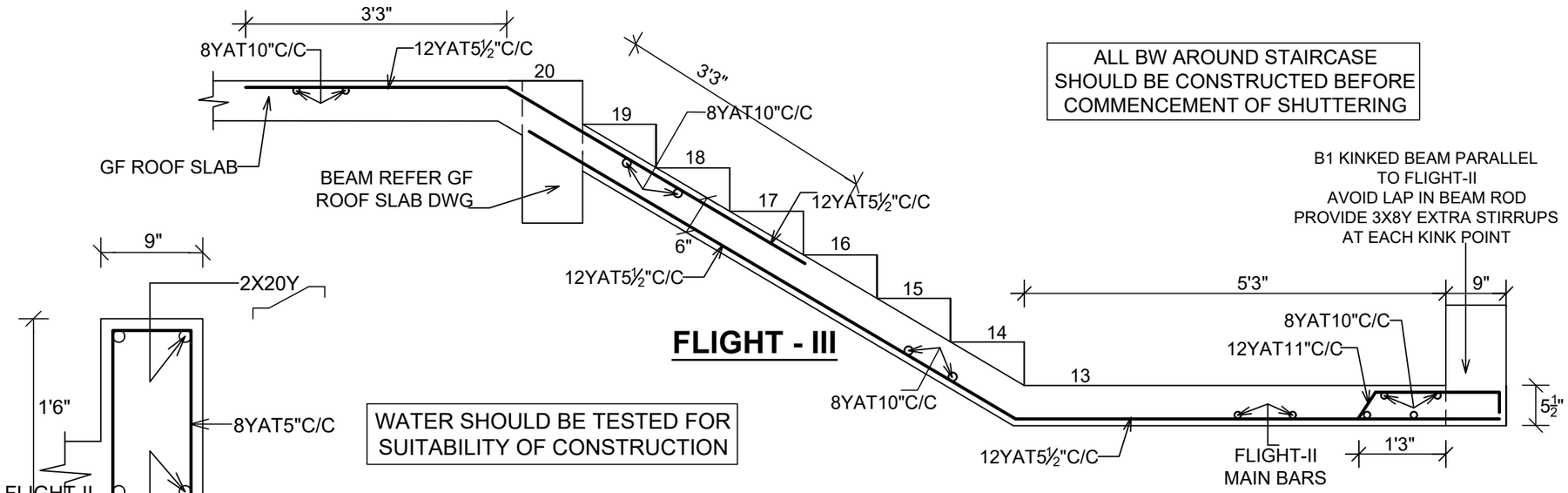
SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

STRUCTURAL PREPARATION:- PH: 0452-4512480.

L. VEERAMANI B.E ,
24J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR RALIN CASTLE,
MADURAI - 625 009.

DRN : Sabarish | CKED : P.L.R | DWG NO : 2024 / 6310 / SD -6



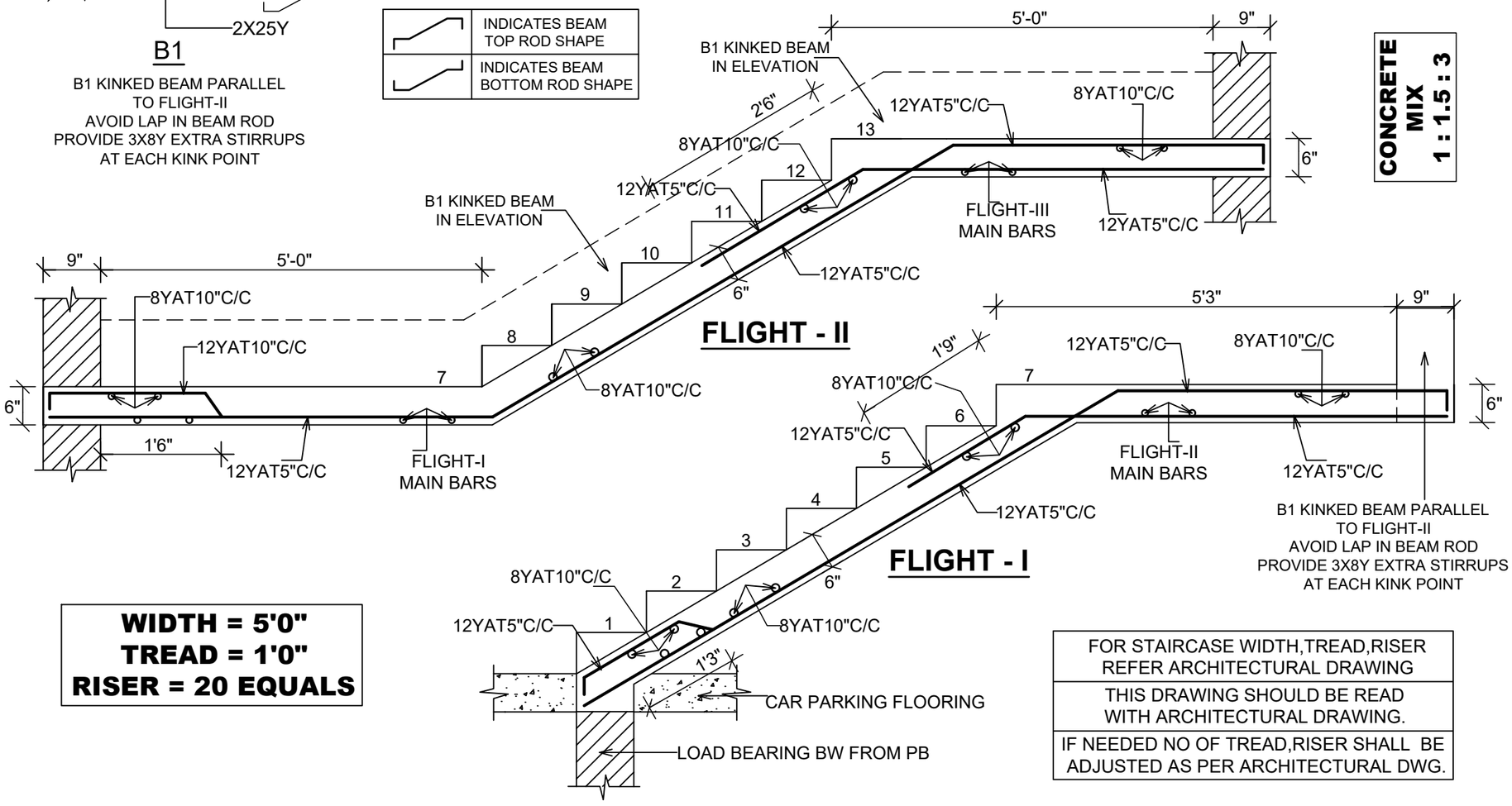
ALL BW AROUND STAIRCASE SHOULD BE CONSTRUCTED BEFORE COMMENCEMENT OF SHUTTERING

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

B1

B1 KINKED BEAM PARALLEL
TO FLIGHT-II
AVOID LAP IN BEAM ROD
PROVIDE 3X8Y EXTRA STIRRUPS
AT EACH KINK POINT

	INDICATES BEAM TOP ROD SHAPE
	INDICATES BEAM BOTTOM ROD SHAPE



WIDTH = 5'0"
TREAD = 1'0"
RISER = 20 EQUALS

FOR STAIRCASE WIDTH,TREAD,RISER REFER ARCHITECTURAL DRAWING
THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.
IF NEEDED NO OF TREAD,RISER SHALL BE ADJUSTED AS PER ARCHITECTURAL DWG.

CONCRETE MIX 1 : 1.5 : 3

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE BEAM = 1", SLAB = 0.65".
4. MINIMUM LAP LENGTH SHALL BE 20Y=4'0",16Y=3'3",12Y=2'6",10Y=2'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER SITE VISIT.
8. THIS BUILDING NOT DESIGNED FOR EARTH QUAKE.
9. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
10. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
11. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

APARTMENT BUILDING
PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD
AT MADURAI.

CLIENT:
Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE: 1"=2' 0",1"=1'0" | DATE : 28 - 06 - 2024

STAIRCASE RC DETAILS (GF TO FF)

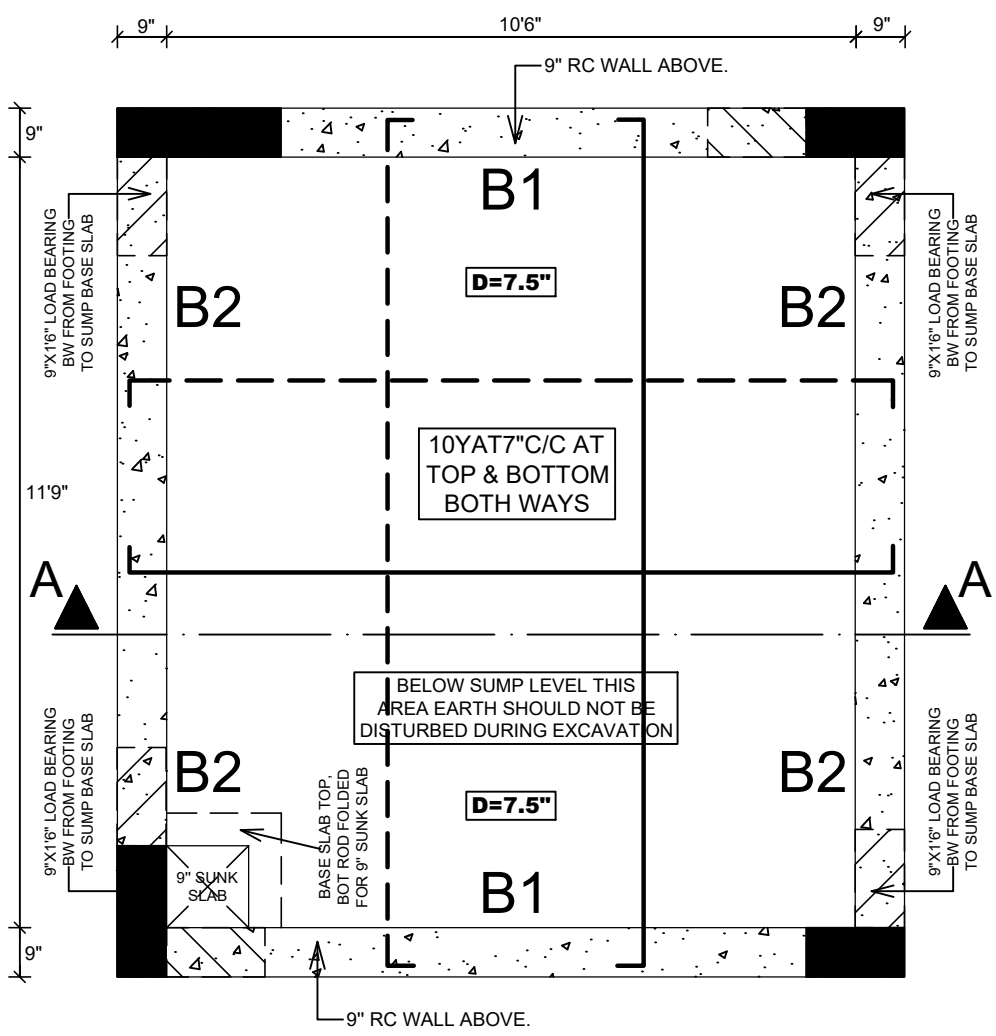
ARCHITECT:- PH:-4391146. 88700-06096.
ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668
GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

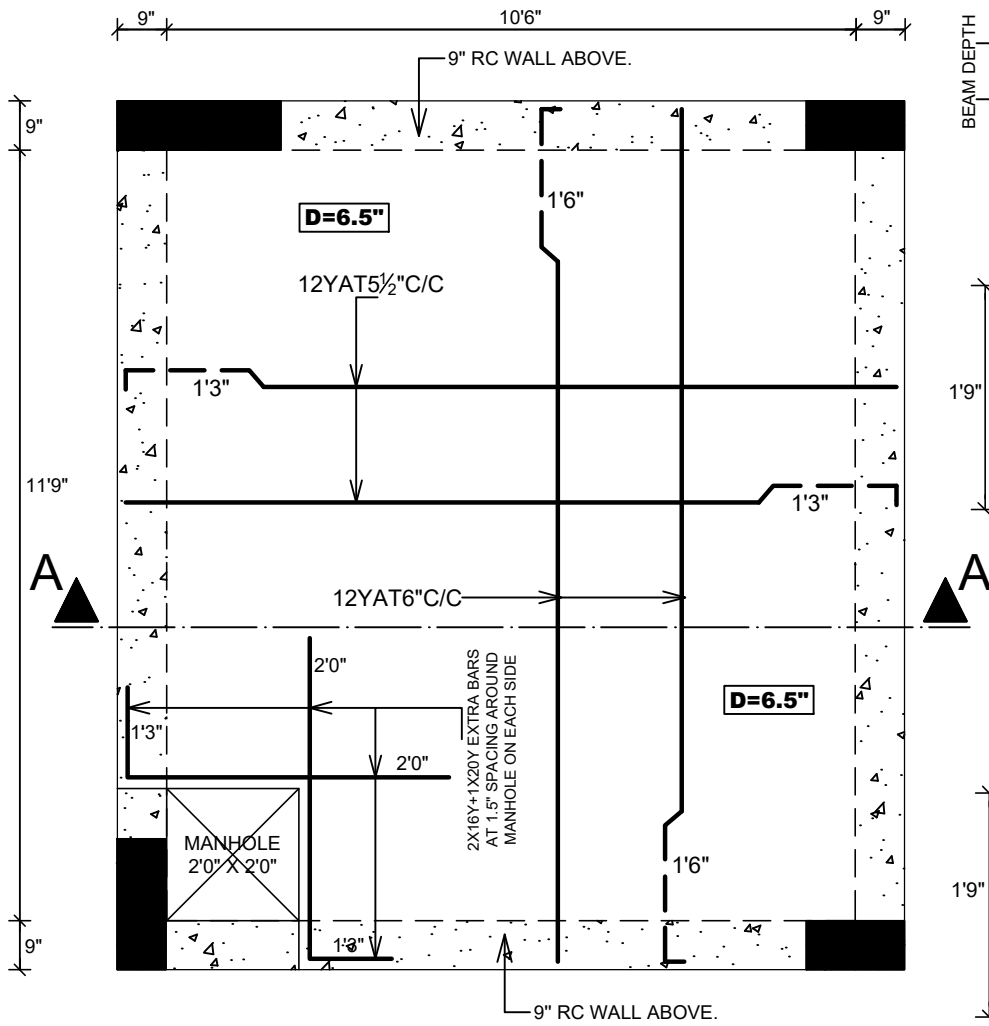
STRUCTURAL PREPARATION:- PH: 0452-4512480.
L. VEERAMANI B.E ,
24J/1, OLD KUYAVAR PALAYAM ROAD,
II ND FLOOR RALIN CASTLE,
MADURAI - 625 009.

DRN : Sabarish
CKED : P.L.R

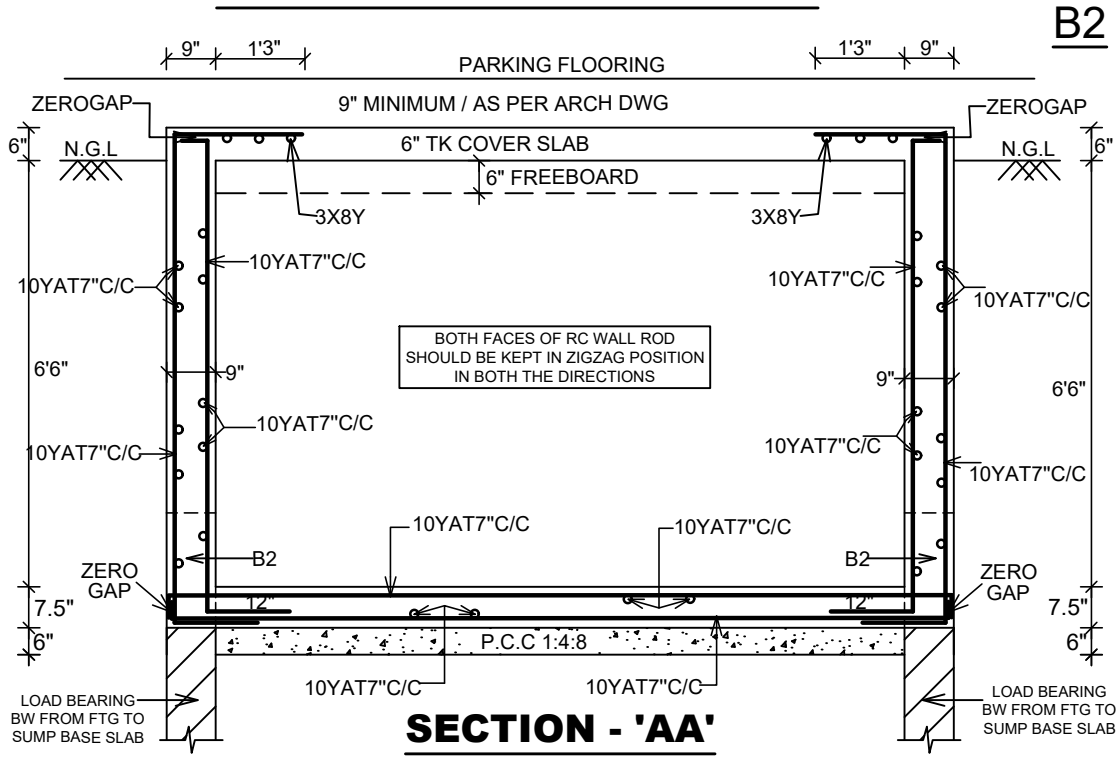
DWG.NO:- 2024 / 6310 / SD- 9



LAYOUT OF SUMP BASE SLAB & RC WALL



LAYOUT OF SUMP COVER SLAB



SECTION - 'AA'

N

SUMP COVER SLAB DESIGNED FOR LIGHT VEHICLE MOVEMENT

AVOID HEAVY VEHICLE MOVEMENT OVER SUMP COVER SLAB

EXCAVATED SOIL STRATUM SHOULD BE HEAVILY COMPACTED BEFORE P.C.C

MANHOLE LOCATION REFER WITH ARCHITECTURAL DRAWING

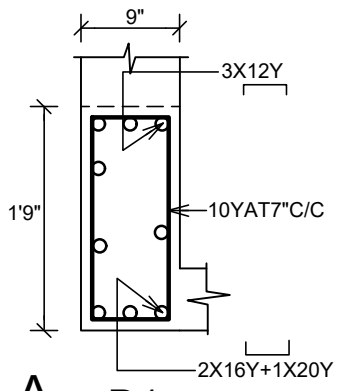
PROVIDE EXTRA CHAIRS FOR THE ENTIRE BASE SLAB AREA

IF NEEDED SUMP DEPTH SHALL BE ADJUSTED AS PER SITE CONDITION

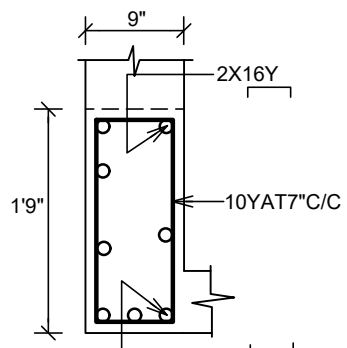
BEAM DEPTH

INDICATES BEAM TOP ROD SHAPE

INDICATES BEAM BOTTOM ROD SHAPE



B1



B2

CONCRETE MIX 1 : 1.5 : 3

ALL 9" LOAD BEARING BW SHOWN IN LAYOUT ARE ESSENTIAL FOR STRUCTURAL SUPPORT

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE BEAM,RC WALL,SLAB = 1".
4. MINIMUM LAP LENGTH SHALL BE 20Y=4'0",16Y=3'3",12Y=2'6",10Y=2'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

———INDICATES REINFORCEMENT AT TOP.

———INDICATES REINFORCEMENT AT BOT.

ATTENTION:-

1. PIPE SHOULD BE KEPT IN POSITION BEFORE CONCRETING OF SUMP RC WALL.
2. RUST PROOF CHEMICAL SHOULD BE ADDED FOR SUMP CONSTRUCTION.
3. WATER PROOF CHEMICAL SHOULD BE ADDED FOR SUMP CONSTRUCTION.

CONSTRUCTION OF SUMP SHOULD BE COMPLETED BEFORE PB CONCRETING

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=2'0",1"=1'0" | DATE : 28 - 06 - 2024

SUMP RC DETAILS

ARCHITECT:- PH:-0452-4391146

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY, MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360
PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

STRUCTURAL PREPARATION:- PH: 0452-4512480.

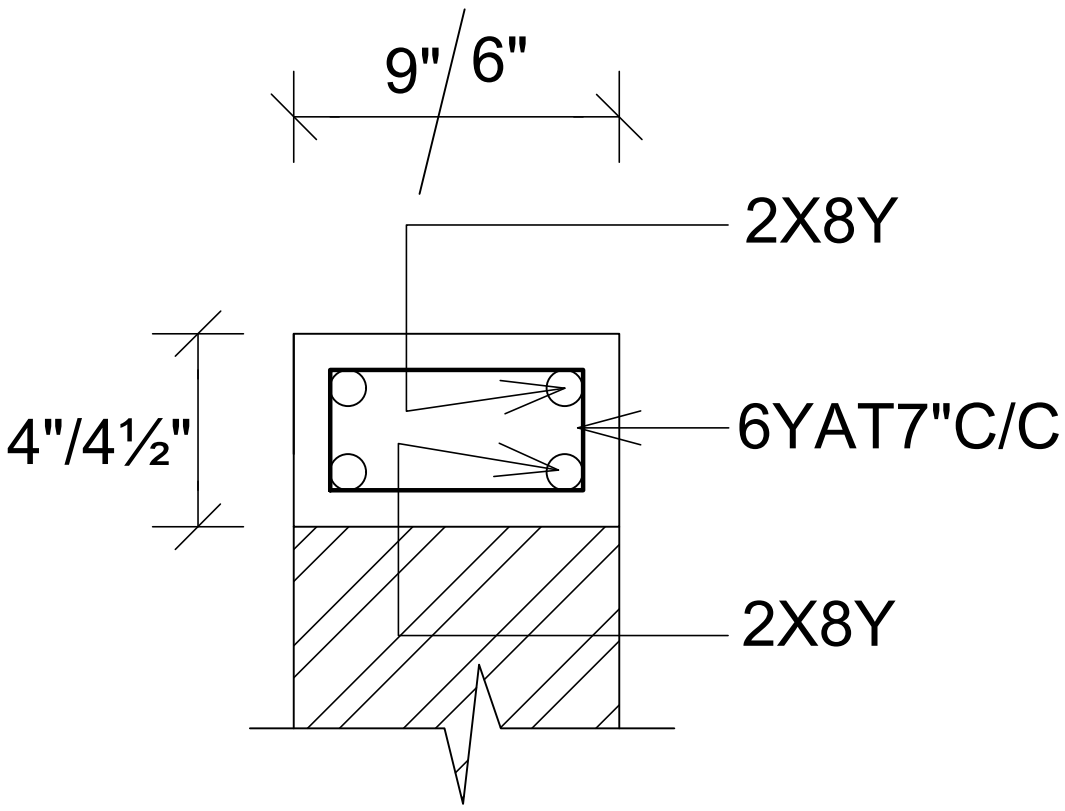
L. VEERAMANI B.E ,
24J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR RALIN CASTLE,
MADURAI - 625 009.

DRN : Sabarish

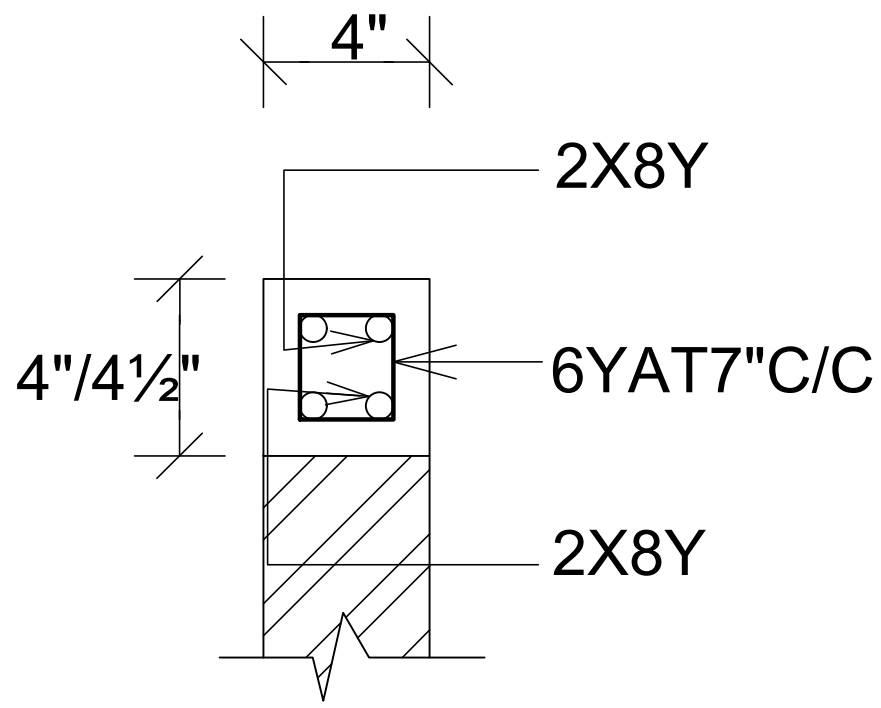
CKED : P.L.R

DWG NO : 2024 / 6310 / SD -5

TYPICAL SILL LEVEL BEAM



BELOW WINDOWS
BEAM 9" BEARING
ON EACH SIDE



TYPICAL THRO SILL BELT
FOR ALL 4" WALL

WATER SHOULD BE TESTED
FOR SUITABILITY OF CONSTRUCTION.

NOTES:-

1. CONCRETE MIX SHALL BE 1: 1.5: 3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE
   BEAM = 0.75".
4. MINIMUM LAP LENGTH SHALL BE
   10Y=2'0"
5. CONCRETE SHOULD BE
   PLACED ONLY AFTER THE CLIENT SITE
   ENGINEER / CONTRACTOR ENSURES
   THAT ALL REINFORCEMENT WORKS ARE
   ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS
   SHOULD BE TAKEN BY THE CONTRACTOR
   AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT
   ENGINEERS SUPERVISION WITHOUT
   STRUCTURAL ENGG. SITE VISIT.
8. THIS BUILDING NOT DESIGNED FOR
   EARTH QUAKE.
9. CLIENT / CONTRACTOR HOLD ALL EXECUTION/
   CONSTRUCTION RESPONSIBILITIES.
10. ALL DIMENSIONS SHOULD BE CHECKED
    WITH ARCHITECTURAL DRAWING.
11. THIS DRAWING SHOULD BE READ
    WITH ARCHITECTURAL DWG.

CONCRETE MIX
1 : 1.5 : 3

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD
AT MADURAI.

CLIENT:-

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE:- 1":1'0" .	DATE :- 28 - 06 - 2024

SILL LEVEL BELT RC DETAILS (G.F TO F.F)

ARCHITECT:- PH:-4391146. 88700-06096.

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

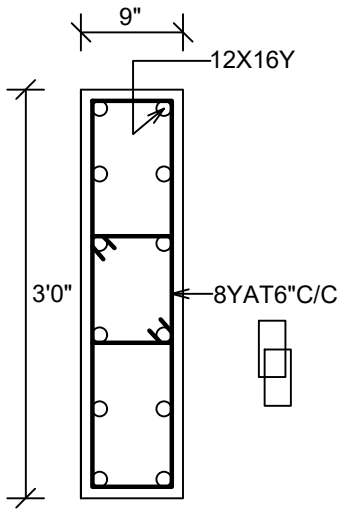
STRUCTURAL PREPARATION:- PH:-0452-4512480

L.VEERAMANI, B.E.,
24J/1,OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625009.

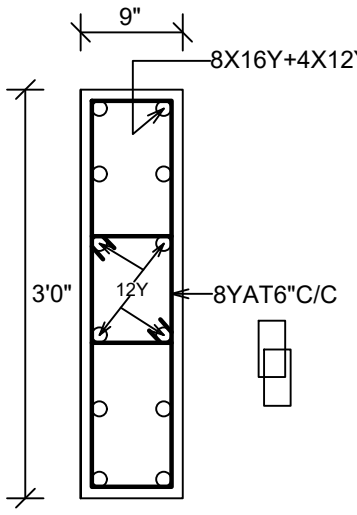
DRN:- Sabarish	DWG.NO:- 2024 / 6310 / SD - 8
CKED:- P. L. R	

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

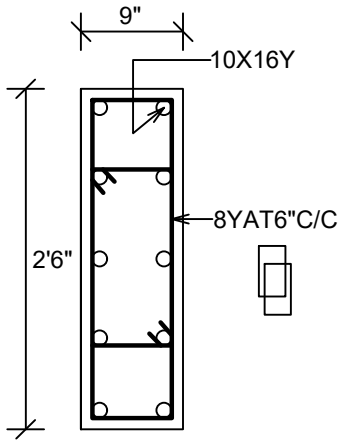
FIFTH FLOOR COLUMNS



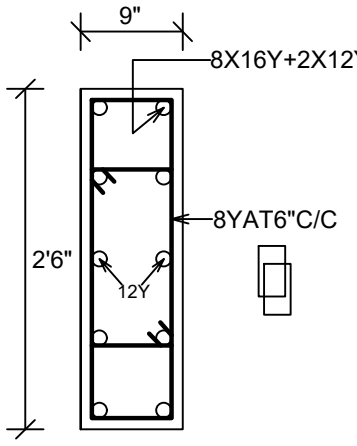
COLUMN
C1



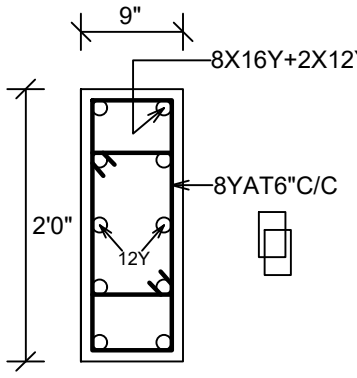
COLUMN
C2



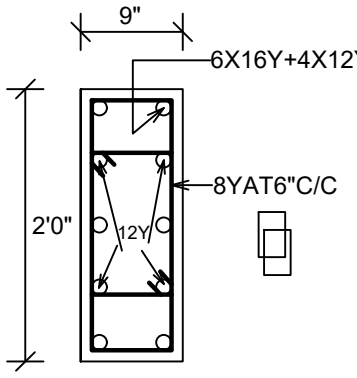
COLUMN
C3



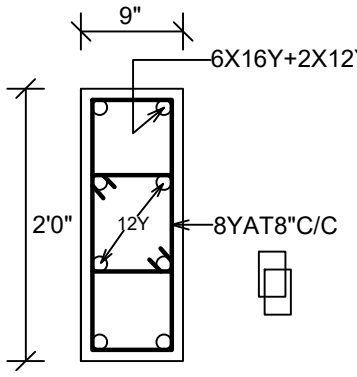
COLUMN
C4



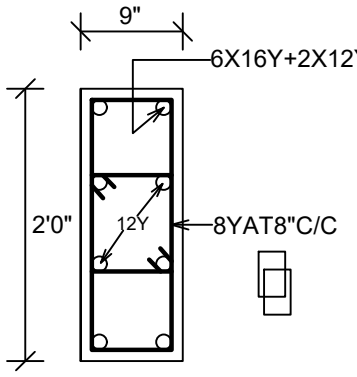
COLUMN
C5



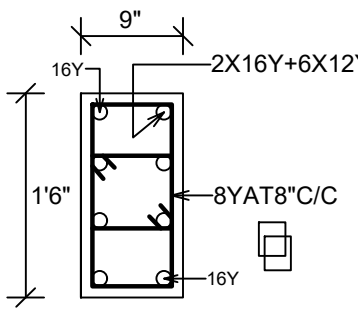
COLUMN
C6



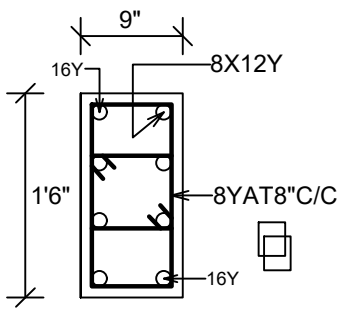
COLUMN
C7



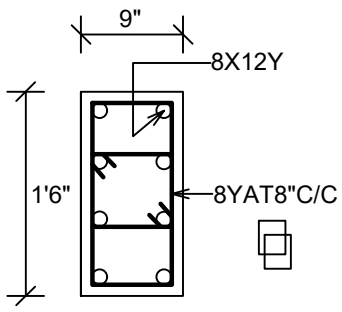
COLUMN
C8



COLUMN
C9



COLUMN
C10



COLUMN
C11

PROVIDE 8YAT4"C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

CONCRETE MIX
1 : 1.5 : 3

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE COLUMNS= 1½".
4. MINIMUM LAP LENGTH SHALL BE 12Y=1'6",16Y=2'9".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER VISIT.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

FOR COLUMNS LAYOUT DETAILS
REFER DWG NO : 2024 / 6310 / SD - 1

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=1'0".

DATE : 01 - 07 - 2024

FIFTH FLOOR COLUMNS RC DETAILS

ARCHITECT:-
PH:-0452-4391146.
PH : +91 88700-06096

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:-
PH:-91 75980-31360
PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

STRUCTURAL PREPARATION:-
PH:-0452-4512480

L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

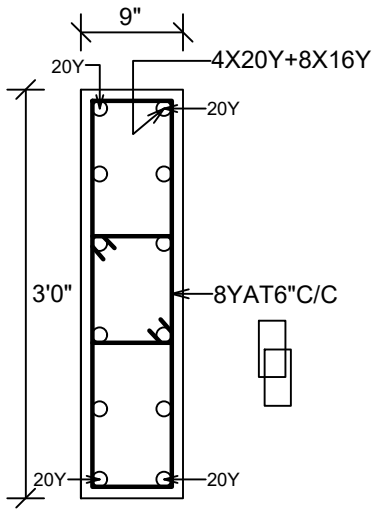
DRN :- Sabarish

CKED:- P.L.R

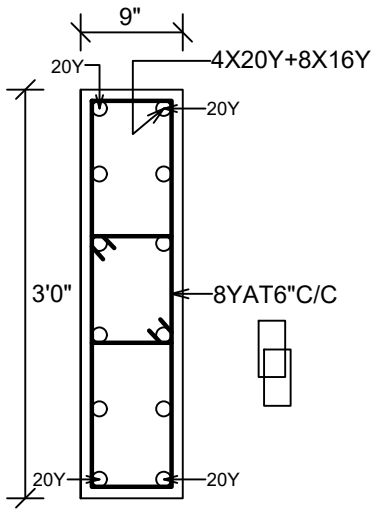
DWG.NO:- 2024 / 6310 / SD -14

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

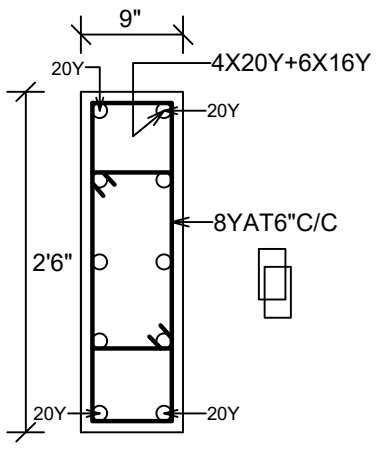
FOURTH FLOOR COLUMNS



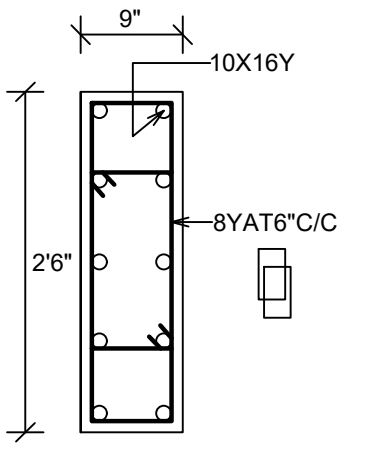
COLUMN
C1



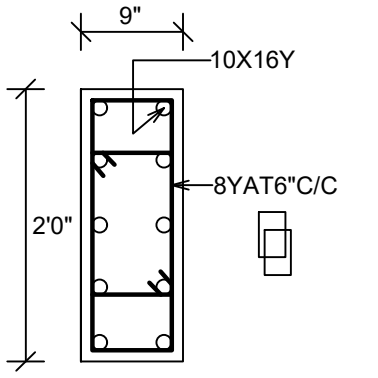
COLUMN
C2



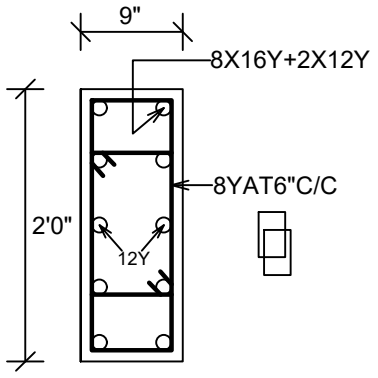
COLUMN
C3



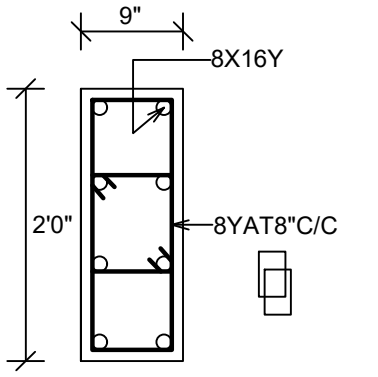
COLUMN
C4



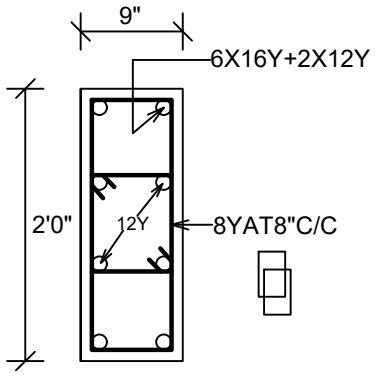
COLUMN
C5



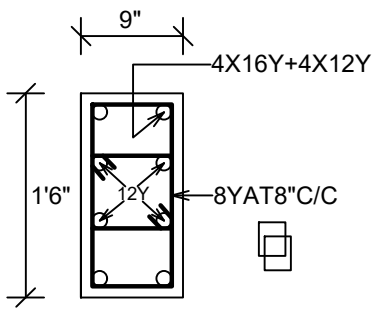
COLUMN
C6



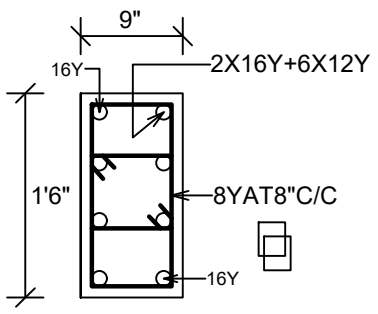
COLUMN
C7



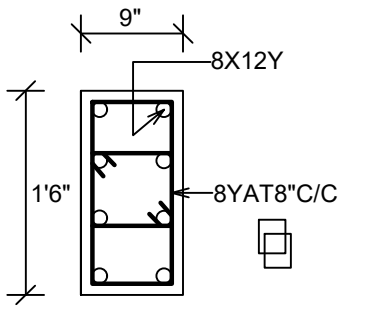
COLUMN
C8



COLUMN
C9



COLUMN
C10



COLUMN
C11

PROVIDE 8YAT4"C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

CONCRETE MIX 1 : 1.5 : 3

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE COLUMNS= 1½".
4. MINIMUM LAP LENGTH SHALL BE 12Y=1'6",20Y=3'3",16Y=2'9".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER VISIT.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

FOR COLUMNS LAYOUT DETAILS
REFER DWG NO : 2024 / 6310 / SD - 1

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=1'0".

DATE : 01 - 07 - 2024

FOURTH FLOOR COLUMNS RC DETAILS

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

STRUCTURAL PREPARATION:- PH:-0452-4512480

L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

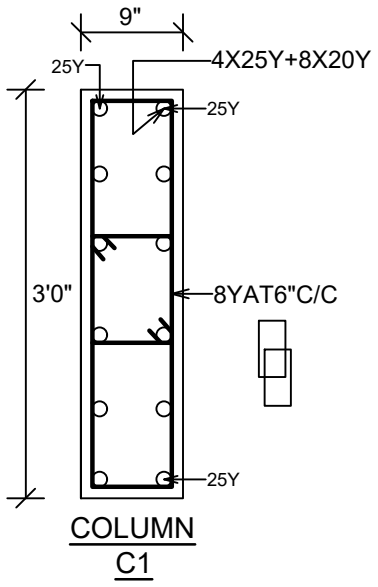
DRN :- Sabarish

CKED:- P.L.R

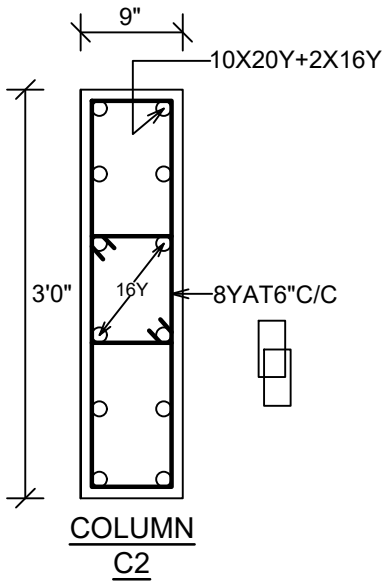
DWG.NO:- 2024 / 6310 / SD -13

THIRD FLOOR COLUMNS

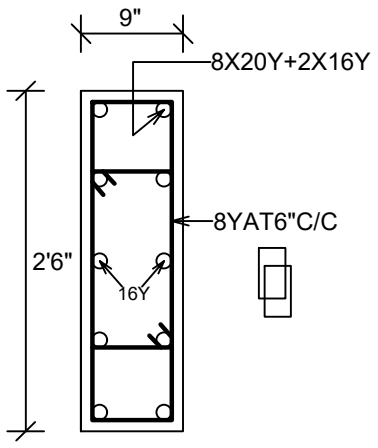
WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION



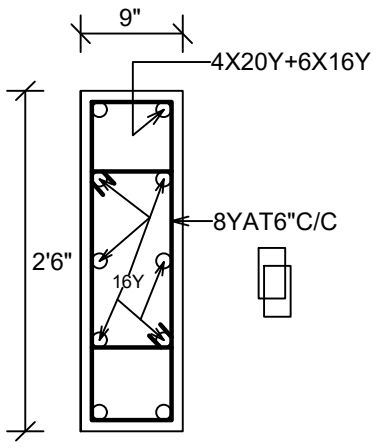
COLUMN C1



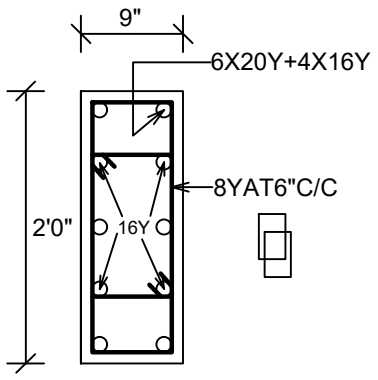
COLUMN C2



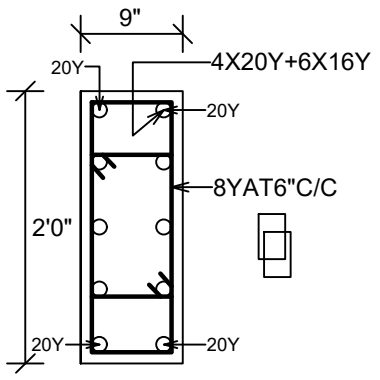
COLUMN C3



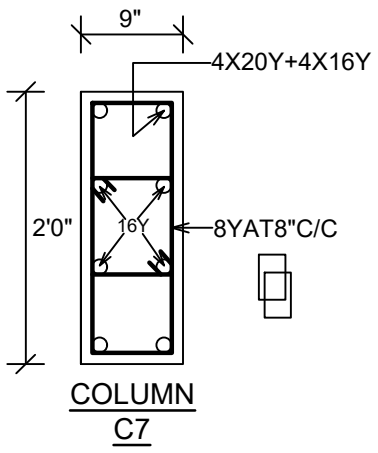
COLUMN C4



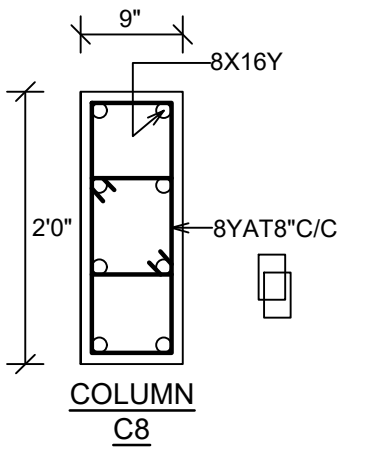
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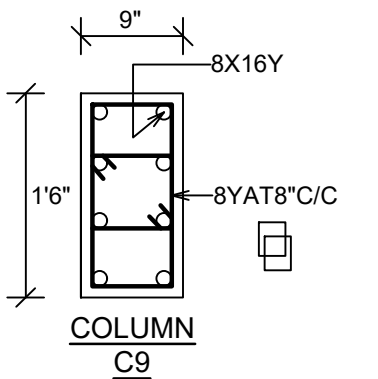
COLUMN C6



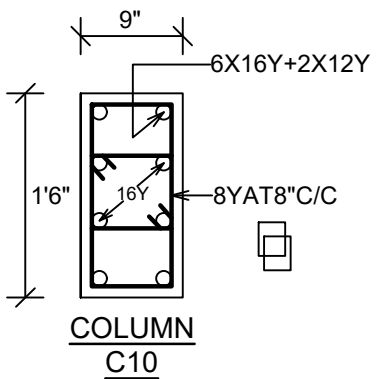
COLUMN C7



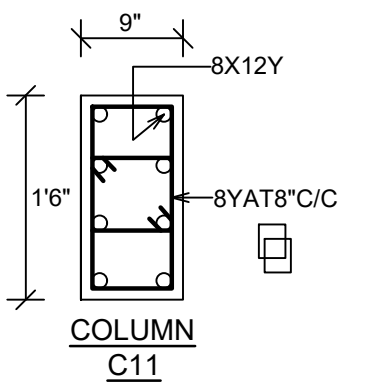
COLUMN C8



COLUMN C9



COLUMN C10



COLUMN C11

PROVIDE 8YAT4"C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

CONCRETE MIX 1 : 1.5 : 3

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE COLUMNS= 1½".
4. MINIMUM LAP LENGTH SHALL BE 25Y=4'3",20Y=3'3",16Y=2'9",12Y=2'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER VISIT.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

FOR COLUMNS LAYOUT DETAILS REFER DWG NO : 2024 / 6310 / SD - 1

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=1'0".

DATE : 01 - 07 - 2024

THIRD FLOOR COLUMNS RC DETAILS

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

STRUCTURAL PREPARATION:- PH:-0452-4512480

L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

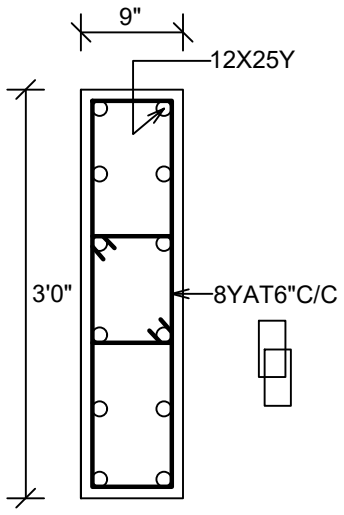
DRN :- Sabarish

CKED:- P.L.R

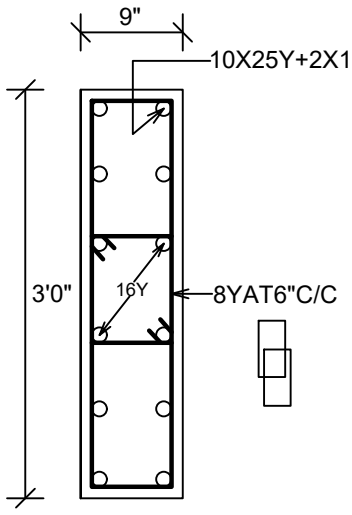
DWG.NO:- 2024 / 6310 / SD -12

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

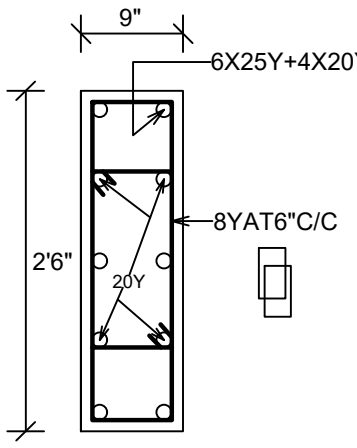
SECOND FLOOR COLUMNS



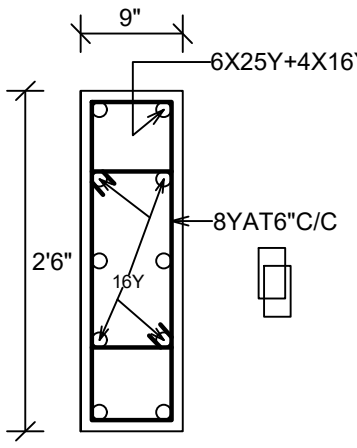
COLUMN C1



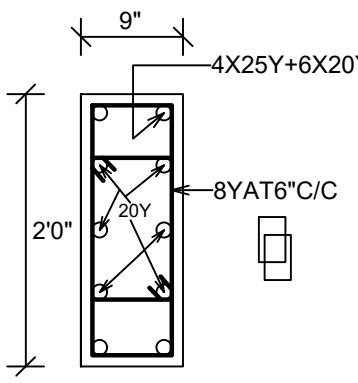
COLUMN C2



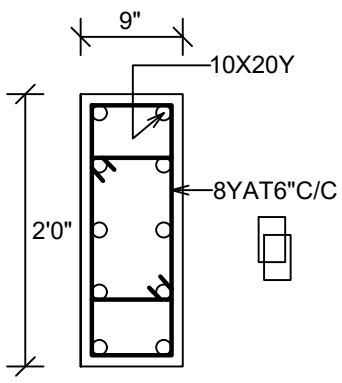
COLUMN C3



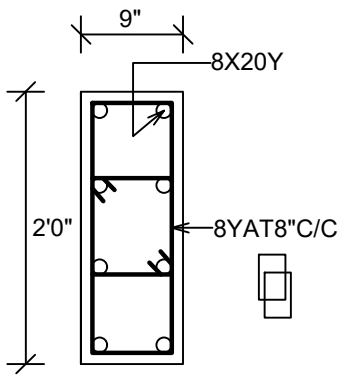
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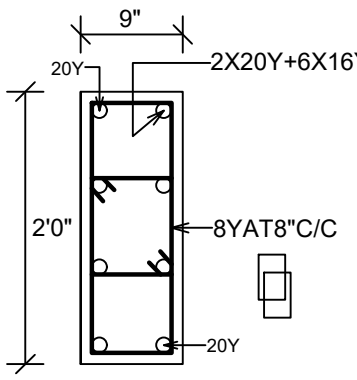
COLUMN C5



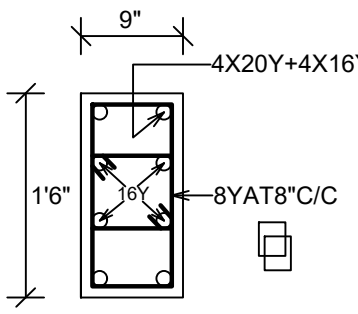
COLUMN C6



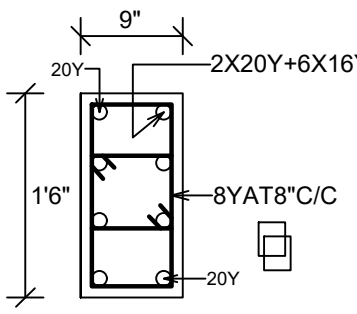
COLUMN C7



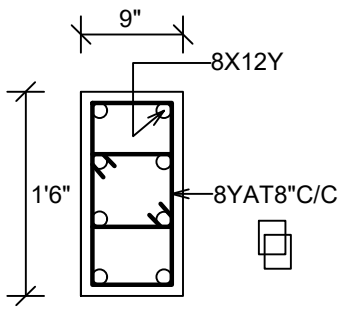
COLUMN C8



COLUMN C9



COLUMN C10



COLUMN C11

PROVIDE 8YAT4"C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

CONCRETE MIX 1 : 1.5 : 3

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE COLUMNS= 1½".
4. MINIMUM LAP LENGTH SHALL BE 25Y=4'3",20Y=3'3",16Y=2'9",12Y=2'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER VISIT.
8. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
9. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
10. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

FOR COLUMNS LAYOUT DETAILS REFER DWG NO : 2024 / 6310 / SD - 1

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=1'0".

DATE : 01 - 07 - 2024

SECOND FLOOR COLUMNS RC DETAILS

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096

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GEOMATRIX CONSULTANCY
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MADURAI - 625002.

STRUCTURAL PREPARATION:- PH:-0452-4512480

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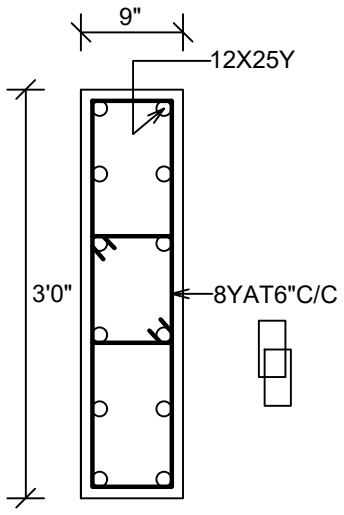
DRN :- Sabarish

CKED:- P.L.R

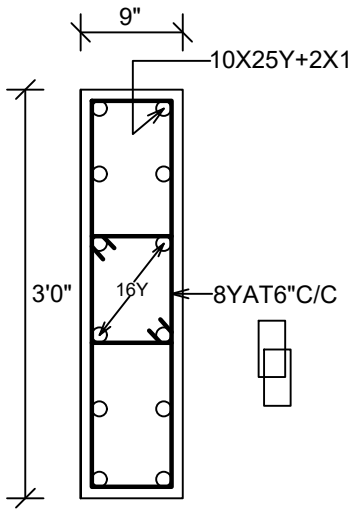
DWG.NO:- 2024 / 6310 / SD -11

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

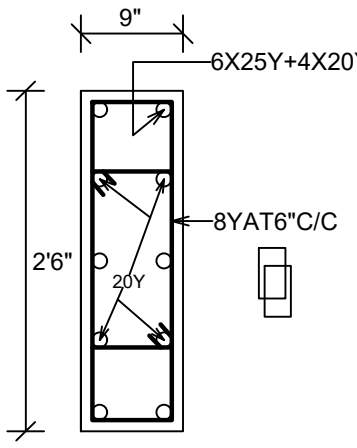
SECOND FLOOR COLUMNS



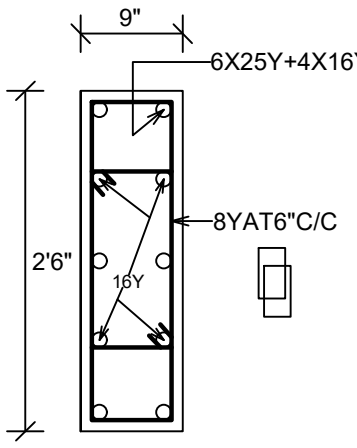
COLUMN C1



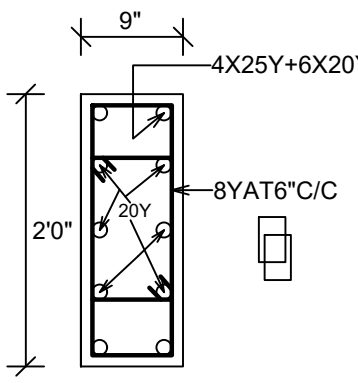
COLUMN C2



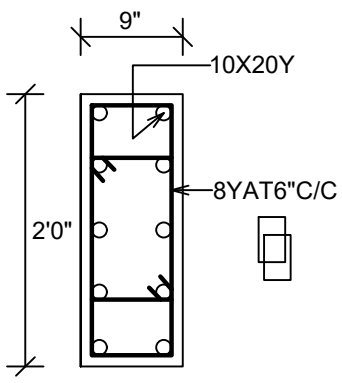
COLUMN C3



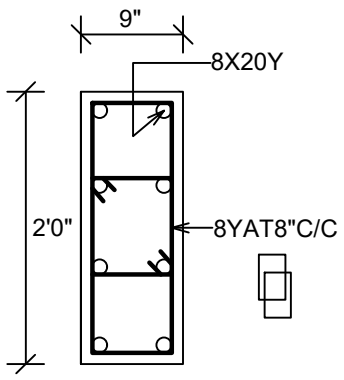
COLUMN C4



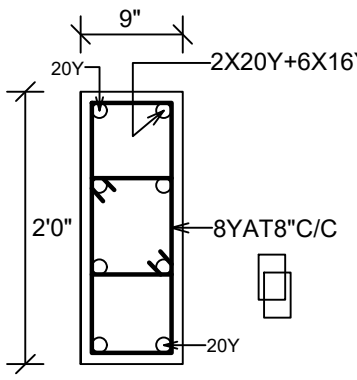
COLUMN C5



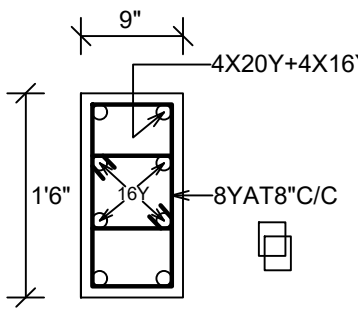
COLUMN C6



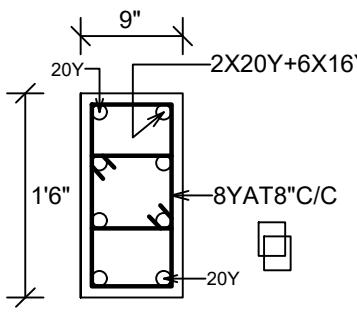
COLUMN C7



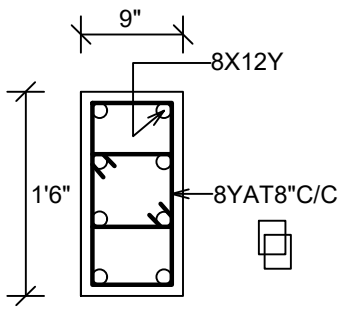
COLUMN C8



COLUMN C9



COLUMN C10



COLUMN C11

PROVIDE 8YAT4"C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

CONCRETE MIX 1 : 1.5 : 3

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE COLUMNS= 1½".
4. MINIMUM LAP LENGTH SHALL BE 25Y=4'3",20Y=3'3",16Y=2'9",12Y=2'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER VISIT.
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FOR COLUMNS LAYOUT DETAILS REFER DWG NO : 2024 / 6310 / SD - 1

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
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SCALE : 1"=1'0".

DATE : 01 - 07 - 2024

SECOND FLOOR COLUMNS RC DETAILS

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096

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FLAT-A4, SRI JAYASHREE APARTMENT
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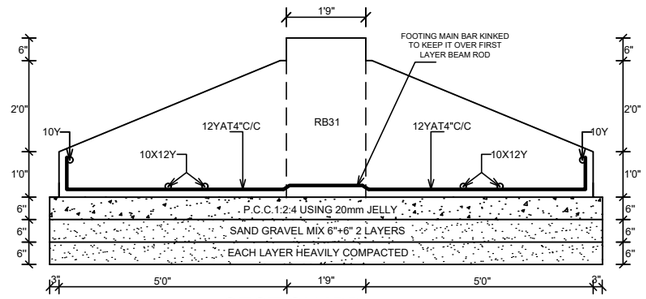
STRUCTURAL PREPARATION:- PH:-0452-4512480

L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

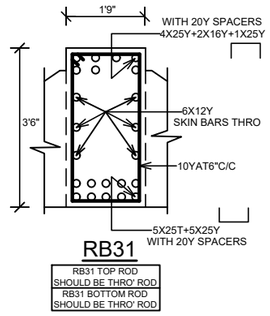
DRN :- Sabarish

CKED:- P.L.R

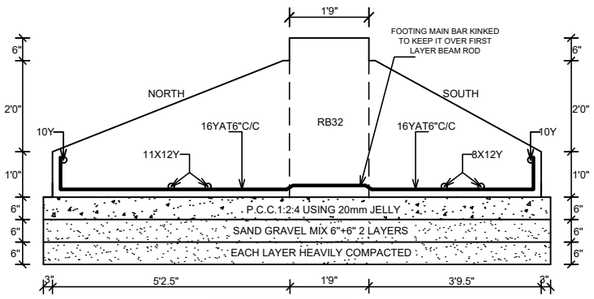
DWG.NO:- 2024 / 6310 / SD -11



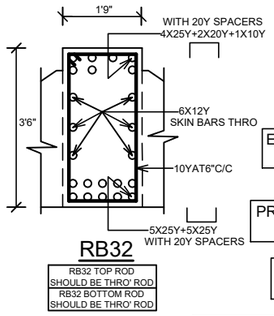
SECTION `BB` (F31) (22'3" X 11'9")



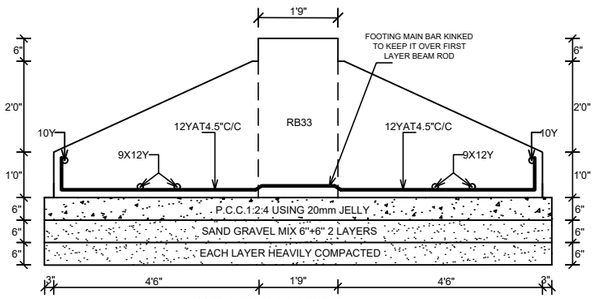
RB31 TOP ROD SHOULD BE THRO' ROD
RB31 BOTTOM ROD SHOULD BE THRO' ROD



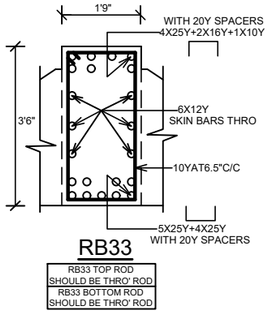
SECTION `CC` (F32) (22'3" X 10'9")



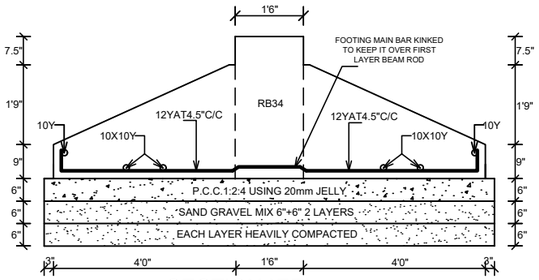
RB32 TOP ROD SHOULD BE THRO' ROD
RB32 BOTTOM ROD SHOULD BE THRO' ROD



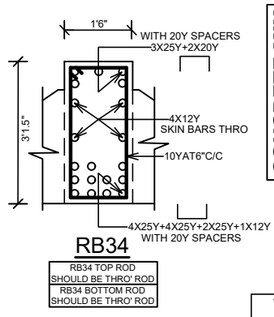
SECTION `DD` (F33) (17'3" X 10'9")



RB33 TOP ROD SHOULD BE THRO' ROD
RB33 BOTTOM ROD SHOULD BE THRO' ROD



SECTION `EE` (F34) (15'3" X 9'6")



RB34 TOP ROD SHOULD BE THRO' ROD
RB34 BOTTOM ROD SHOULD BE THRO' ROD

CONCRETE MIX 1 : 1.5 : 3

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

UPTO BASEMENT LEVEL FLYASH BRICKS SHALL BE USED

EXCAVATED SOIL STRATUM SHOULD BE HEAVILY COMPACTED BEFORE P.C.C

PROVIDE 8YAT4"C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

FGL - FORMED GROUND LEVEL
NGL - NATURAL GROUND LEVEL

FLOODING OF WATER IN EXCAVATED STRATUM SHOULD BE STRICTLY AVOIDED

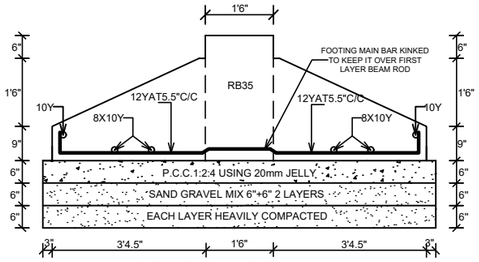
EXCAVATED CLAY SOIL SHOULD NOT BE USED FOR RE-FILLING

OVER EXCAVATION IN FOOTING LENGTH BREATH SHOULD BE STRICTLY AVOIDED

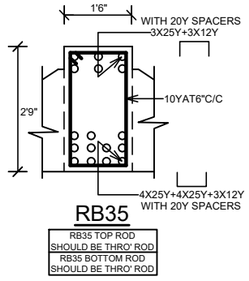
FOOTING CONCRETE SHOULD BE DONE WITHOUT HONEYCOMBS

PLASTICIZER SIKACIM® 100ml FOR 1 BAG CEMENT SHOULD BE ADDED FOR FOOTING TAPPER CONCRETE TO AVOID HONEYCOMBS

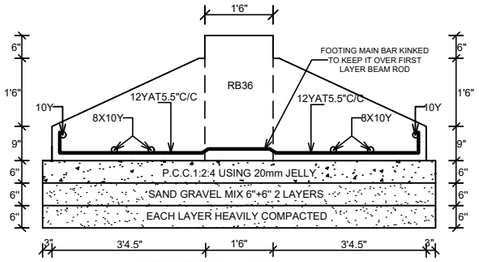
TO AVOID SOIL SLIDING PROPER SHUTTERING ARRANGEMENTS SHOULD BE DONE BY THE CONTRACTOR BEFORE STARTING OF EXCAVATION



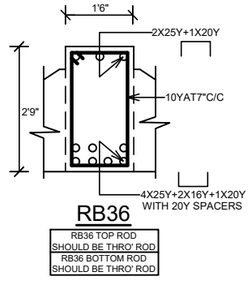
SECTION `FF` (F35) (14'9" X 8'3")



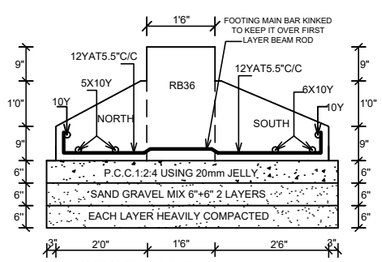
RB35 TOP ROD SHOULD BE THRO' ROD
RB35 BOTTOM ROD SHOULD BE THRO' ROD



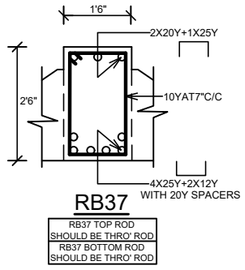
SECTION `GG` (F36) (12'9" X 8'3")



RB36 TOP ROD SHOULD BE THRO' ROD
RB36 BOTTOM ROD SHOULD BE THRO' ROD



SECTION `HH` (F37) (15'9" X 6'0")



RB37 TOP ROD SHOULD BE THRO' ROD
RB37 BOTTOM ROD SHOULD BE THRO' ROD

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE FOOTINGS = 2", COLUMNS,RAFTBEAM= 1½".
4. MINIMUM LAP LENGTH SHALL BE 25Y=4'3",20Y=3'3",16Y=2'9",12Y=1'6".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT THERE IS NO LOOSE POCKETS IN THE SOIL STRATUM.
6. FOOTING CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
7. ALL COLUMNS ARE CONCENTRIC TO THE FOOTINGS.
8. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
9. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER VISIT.
10. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
11. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
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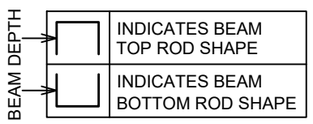
ATTENTION:-

1. S.B.C OF SOIL IS TAKEN AS 15.4 T/M² AS PER SOIL INVESTIGATION REPORT
2. NO OF FLOORS CONSIDERED IN DESIGN GROUND FLOOR + 5 UPPER FLOORS.

FOR FOOTINGS & COLUMNS LAYOUT REFER DWG NO : 2024 / 6310 / SD - 1

FOR FOOTING SCHEDULE DETAILS REFER DWG NO : 2024 / 6310 / SD - 2

FOR G.F & F.F COLUMNS RC DETAILS REFER DWG NO : 2024 / 6310 / SD - 3



APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=1'0".

DATE : 01 - 07 - 2024

FOOTINGS & COLUMNS DETAILS - IV
F31 TO F37,RAFT BEAM RC DETAILS

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

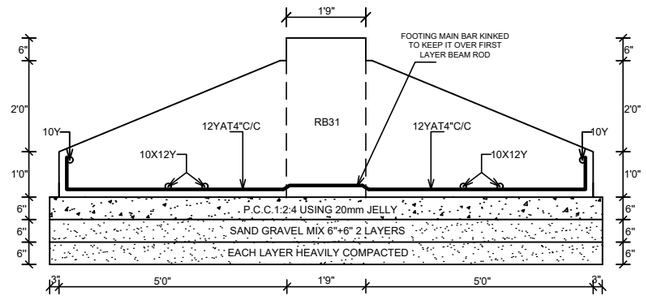
STRUCTURAL PREPARATION:- PH:-0452-4512480

L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

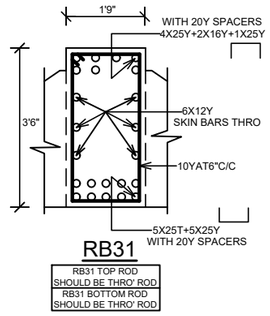
DRN :- Sabarish

CKED:- P.L.R

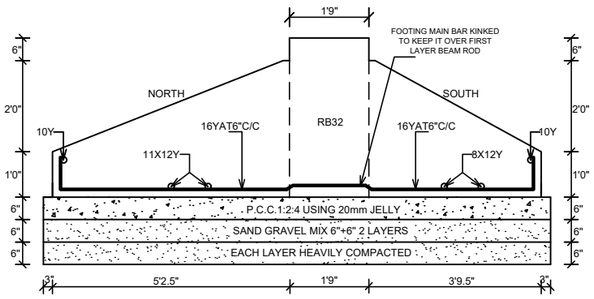
DWG.NO:- 2024 / 6310 / SD -4



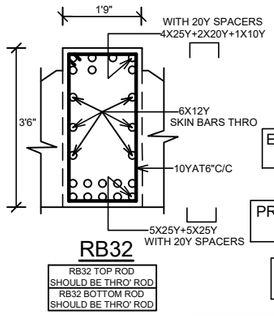
SECTION `BB` (F31) (22'3" X 11'9")



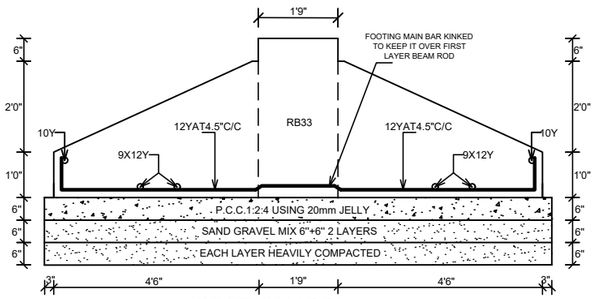
RB31 TOP ROD SHOULD BE THRO' ROD
RB31 BOTTOM ROD SHOULD BE THRO' ROD



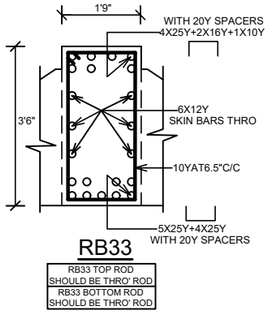
SECTION `CC` (F32) (22'3" X 10'9")



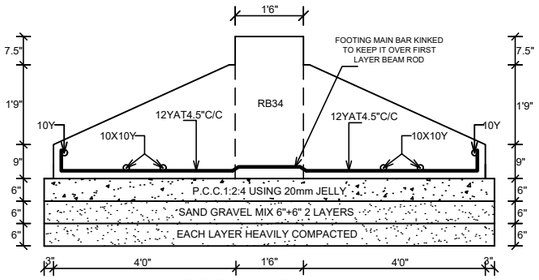
RB32 TOP ROD SHOULD BE THRO' ROD
RB32 BOTTOM ROD SHOULD BE THRO' ROD



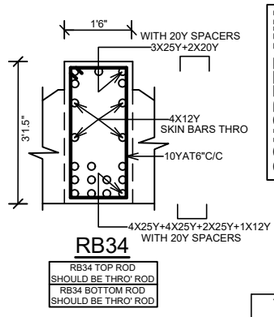
SECTION `DD` (F33) (17'3" X 10'9")



RB33 TOP ROD SHOULD BE THRO' ROD
RB33 BOTTOM ROD SHOULD BE THRO' ROD



SECTION `EE` (F34) (15'3" X 9'6")



RB34 TOP ROD SHOULD BE THRO' ROD
RB34 BOTTOM ROD SHOULD BE THRO' ROD

CONCRETE MIX 1 : 1.5 : 3

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

UPTO BASEMENT LEVEL FLYASH BRICKS SHALL BE USED

EXCAVATED SOIL STRATUM SHOULD BE HEAVILY COMPACTED BEFORE P.C.C

PROVIDE 8YAT4"C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

FGL - FORMED GROUND LEVEL
NGL - NATURAL GROUND LEVEL

FLOODING OF WATER IN EXCAVATED STRATUM SHOULD BE STRICTLY AVOIDED

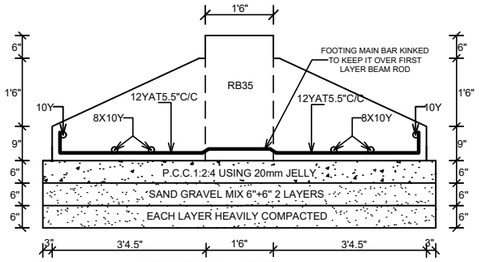
EXCAVATED CLAY SOIL SHOULD NOT BE USED FOR RE-FILLING

OVER EXCAVATION IN FOOTING LENGTH BREATH SHOULD BE STRICTLY AVOIDED

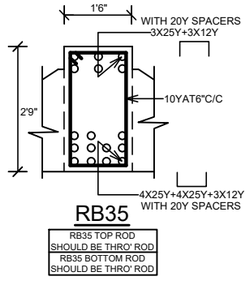
FOOTING CONCRETE SHOULD BE DONE WITHOUT HONEYCOMBS

PLASTICIZER SIKACIM® 100ml FOR 1 BAG CEMENT SHOULD BE ADDED FOR FOOTING TAPPER CONCRETE TO AVOID HONEYCOMBS

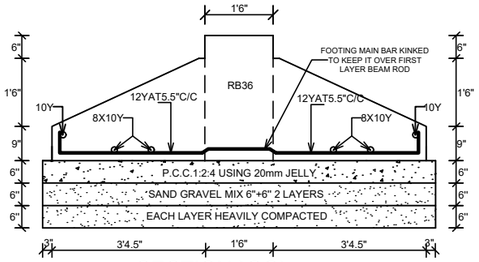
TO AVOID SOIL SLIDING PROPER SHUTTERING ARRANGEMENTS SHOULD BE DONE BY THE CONTRACTOR BEFORE STARTING OF EXCAVATION



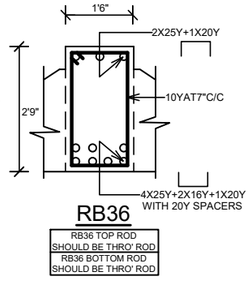
SECTION `FF` (F35) (14'9" X 8'3")



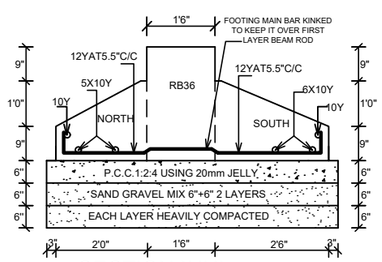
RB35 TOP ROD SHOULD BE THRO' ROD
RB35 BOTTOM ROD SHOULD BE THRO' ROD



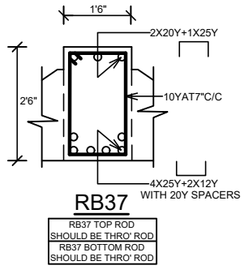
SECTION `GG` (F36) (12'9" X 8'3")



RB36 TOP ROD SHOULD BE THRO' ROD
RB36 BOTTOM ROD SHOULD BE THRO' ROD



SECTION `HH` (F37) (15'9" X 6'0")



RB37 TOP ROD SHOULD BE THRO' ROD
RB37 BOTTOM ROD SHOULD BE THRO' ROD

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE FOOTINGS = 2", COLUMNS,RAFTBEAM= 1½".
4. MINIMUM LAP LENGTH SHALL BE 25Y=4'3",20Y=3'3",16Y=2'9",12Y=1'6".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT THERE IS NO LOOSE POCKETS IN THE SOIL STRATUM.
6. FOOTING CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
7. ALL COLUMNS ARE CONCENTRIC TO THE FOOTINGS.
8. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
9. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER VISIT.
10. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
11. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
12. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

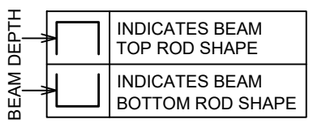
ATTENTION:-

1. S.B.C OF SOIL IS TAKEN AS 15.4 T/M² AS PER SOIL INVESTIGATION REPORT
2. NO OF FLOORS CONSIDERED IN DESIGN GROUND FLOOR + 5 UPPER FLOORS.

FOR FOOTINGS & COLUMNS LAYOUT REFER DWG NO : 2024 / 6310 / SD - 1

FOR FOOTING SCHEDULE DETAILS REFER DWG NO : 2024 / 6310 / SD - 2

FOR G.F & F.F COLUMNS RC DETAILS REFER DWG NO : 2024 / 6310 / SD - 3



APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=1'0".

DATE : 01 - 07 - 2024

FOOTINGS & COLUMNS DETAILS - IV
F31 TO F37,RAFT BEAM RC DETAILS

ARCHITECT:- PH:-0452-4391146. PH : +91 88700-06096

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MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

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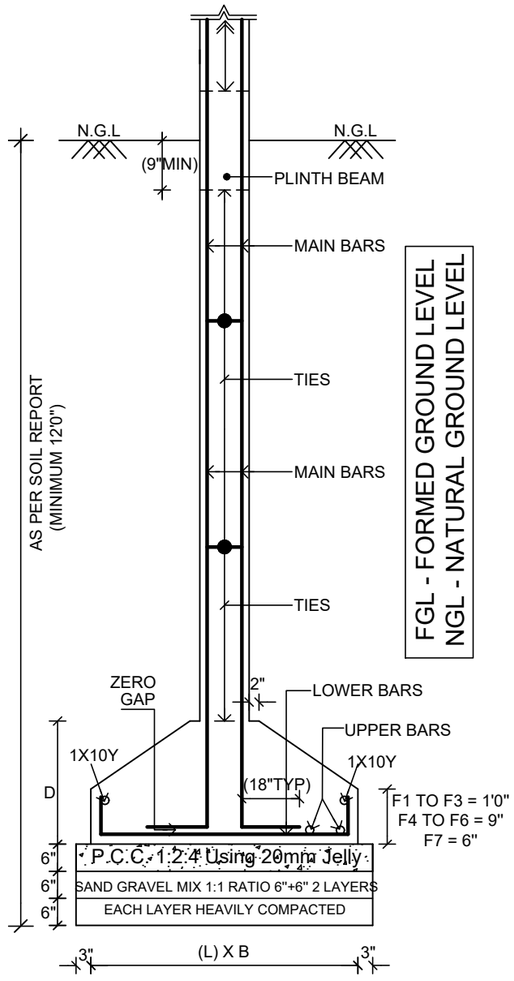
STRUCTURAL PREPARATION:- PH:-0452-4512480

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MADURAI - 625 009.

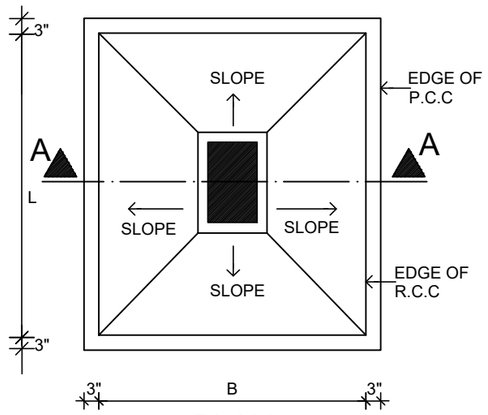
DRN :- Sabarish

CKED:- P.L.R

DWG.NO:- 2024 / 6310 / SD -4



SECTION - 'AA'



PLAN

FOOTING (F1 TO F7)

CONCRETE MIX - 1 : 1.5 : 3

TO AVOID SOIL SLIDING PROPER SHUTTERING ARRANGEMENTS SHOULD BE DONE BY THE CONTRACTOR BEFORE STARTING OF EXCAVATION

FLOODING OF WATER IN EXCAVATED STRATUM SHOULD BE STRICTLY AVOIDED

EXCAVATED SOIL STRATUM SHOULD BE HEAVILY COMPACTED BEFORE P.C.C

PLASTICIZER SIKACIM® 100ml FOR 1 BAG CEMENT SHOULD BE ADDED FOR FOOTING TAPPER CONCRETE TO AVOID HONEYCOMBS

FOOTING CONCRETE SHOULD BE DONE WITHOUT HONEYCOMBS

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

UPTO BASEMENT LEVEL FLYASH BRICKS SHALL BE USED

ATTENTION:-

1. S.B.C OF SOIL IS TAKEN AS 15.4 T/M² AS PER SOIL INVESTIGATION REPORT
2. NO OF FLOORS CONSIDERED IN DESIGN GROUND FLOOR + 5 UPPER FLOORS.

FOR FOOTINGS & COLUMNS LAYOUT REFER DWG NO : 2024 / 6310 / SD - 1

FOR G.F & F.F COLUMNS RC DETAILS REFER DWG NO : 2024 / 6310 / SD - 3

FOR F31 TO F37,RAFTBEAM RC DETAILS REFER DWG NO : 2024 / 6310 / SD - 4

OVER EXCAVATION IN FOOTING LENGTH BREATH SHOULD BE STRICTLY AVOIDED

PROVIDE 8YAT4"C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

EXCAVATED CLAY SOIL SHOULD NOT BE USED FOR RE-FILLING

SCHEDULE OF FOOTINGS:-

TYPE	SIZE			PCC	REINFORCEMENT	
	LENGTH (L)	BREATH (B)	DEPTH (D)		LOWER BARS	UPPER BARS
**F1	11'9"	10'3"	3'6"	P.C.C EDGE SHALL BE 3" EXTRA FROM LENGTH / BREATH OF FOOTING EXCAVATION	29 X 12 Y ⌊	26 X 12 Y ⌊
**F2	11'5"	9'11"	3'3"		27 X 12 Y ⌊	24 X 12 Y ⌊
**F3	10'0"	8'10"	3'0"		22 X 12 Y ⌊	18 X 12 Y ⌊
F4	8'4"	7'8"	2'6"		16 X 12 Y ⌊	15 X 12 Y ⌊
F5	8'0"	7'3"	2'3"		15 X 12 Y ⌊	14 X 12 Y ⌊
F6	6'6"	5'10"	2'0"		15 X 10 Y ⌊	13 X 10 Y ⌊
F7	3'0"	3'0"	1'0"		6 X 10 Y ⌊	6 X 10 Y ⌊
F31	22'3"	11'9"	3'0"		REFER SECTION - "BB"	
F32	22'3"	10'9"	3'0"		REFER SECTION - "CC"	
F33	17'3"	10'9"	3'0"		REFER SECTION - "DD"	
F34	15'3"	9'6"	2'6"		REFER SECTION - "EE"	
F35	14'9"	8'3"	2'3"		REFER SECTION - "FF"	
F36	12'9"	8'3"	2'3"		REFER SECTION - "GG"	
F37	15'9"	6'0"	2'0"		REFER SECTION - "HH"	

** PROVIDE 10YAT6"C/C BOTHWAYS AT TOP PARALLEL TO FOOTING SLOPE

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE FOOTINGS = 2",COLUMNS,RAFTBEAM= 1½".
4. MINIMUM LAP LENGTH SHALL BE 32Y=5'3",25Y=4'3",20Y=3'3",16Y=2'9",12Y=1'6".
5. FOUNDATION CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT THERE IS NO LOOSE POCKETS IN THE SOIL STRATUM.
6. FOOTING CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
7. ALL COLUMNS ARE CONCENTRIC TO THE FOOTINGS.
8. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
9. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER VISIT.
10. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
11. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
12. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE : 1"=2'0".

DATE : 28 - 06 - 2024

FOOTINGS & COLUMNS DETAILS-II
G.F & F.F COLUMNS RC DETAILS

ARCHITECT:-
PH:-0452-4391146.
PH : +91 88700-06096

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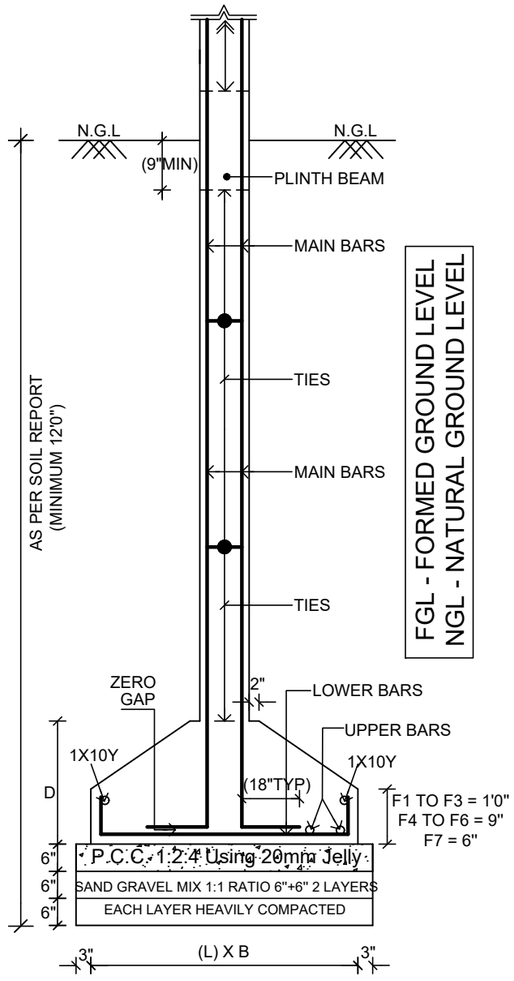
STRUCTURAL PREPARATION:-
PH:-0452-4512480

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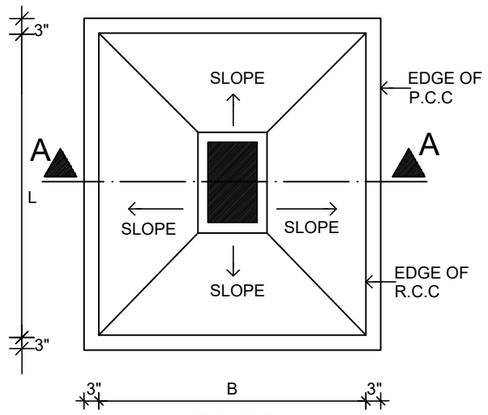
DRN :- Sabarish

CKED:- P.L.R

DWG.NO:- 2024 / 6310 / SD -2



SECTION - 'AA'



PLAN

FOOTING (F1 TO F7)

CONCRETE MIX - 1 : 1.5 : 3

TO AVOID SOIL SLIDING PROPER SHUTTERING ARRANGEMENTS SHOULD BE DONE BY THE CONTRACTOR BEFORE STARTING OF EXCAVATION

FLOODING OF WATER IN EXCAVATED STRATUM SHOULD BE STRICTLY AVOIDED

EXCAVATED SOIL STRATUM SHOULD BE HEAVILY COMPACTED BEFORE P.C.C

PLASTICIZER SIKACIM® 100ml FOR 1 BAG CEMENT SHOULD BE ADDED FOR FOOTING TAPPER CONCRETE TO AVOID HONEYCOMBS

FOOTING CONCRETE SHOULD BE DONE WITHOUT HONEYCOMBS

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

UPTO BASEMENT LEVEL FLYASH BRICKS SHALL BE USED

ATTENTION:-

1. S.B.C OF SOIL IS TAKEN AS 15.4 T/M² AS PER SOIL INVESTIGATION REPORT
2. NO OF FLOORS CONSIDERED IN DESIGN GROUND FLOOR + 5 UPPER FLOORS.

FOR FOOTINGS & COLUMNS LAYOUT REFER DWG NO : 2024 / 6310 / SD - 1

FOR G.F & F.F COLUMNS RC DETAILS REFER DWG NO : 2024 / 6310 / SD - 3

FOR F31 TO F37,RAFTBEAM RC DETAILS REFER DWG NO : 2024 / 6310 / SD - 4

OVER EXCAVATION IN FOOTING LENGTH BREATH SHOULD BE STRICTLY AVOIDED

PROVIDE 8YAT4"C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

EXCAVATED CLAY SOIL SHOULD NOT BE USED FOR RE-FILLING

SCHEDULE OF FOOTINGS:-

TYPE	SIZE			PCC	REINFORCEMENT	
	LENGTH (L)	BREATH (B)	DEPTH (D)		LOWER BARS	UPPER BARS
**F1	11'9"	10'3"	3'6"	P.C.C EDGE SHALL BE 3" EXTRA FROM LENGTH / BREATH OF FOOTING EXCAVATION	29 X 12 Y ⌊	26 X 12 Y ⌊
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**F3	10'0"	8'10"	3'0"		22 X 12 Y ⌊	18 X 12 Y ⌊
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F5	8'0"	7'3"	2'3"		15 X 12 Y ⌊	14 X 12 Y ⌊
F6	6'6"	5'10"	2'0"		15 X 10 Y ⌊	13 X 10 Y ⌊
F7	3'0"	3'0"	1'0"		6 X 10 Y ⌊	6 X 10 Y ⌊
F31	22'3"	11'9"	3'0"		REFER SECTION - "BB"	
F32	22'3"	10'9"	3'0"		REFER SECTION - "CC"	
F33	17'3"	10'9"	3'0"		REFER SECTION - "DD"	
F34	15'3"	9'6"	2'6"		REFER SECTION - "EE"	
F35	14'9"	8'3"	2'3"		REFER SECTION - "FF"	
F36	12'9"	8'3"	2'3"		REFER SECTION - "GG"	
F37	15'9"	6'0"	2'0"		REFER SECTION - "HH"	

** PROVIDE 10YAT6"C/C BOTHWAYS AT TOP PARALLEL TO FOOTING SLOPE

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE FOOTINGS = 2",COLUMNS,RAFTBEAM= 1½".
4. MINIMUM LAP LENGTH SHALL BE 32Y=5'3",25Y=4'3",20Y=3'3",16Y=2'9",12Y=1'6".
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APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD

AT MADURAI.

CLIENT:

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SCALE : 1"=2'0".

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MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

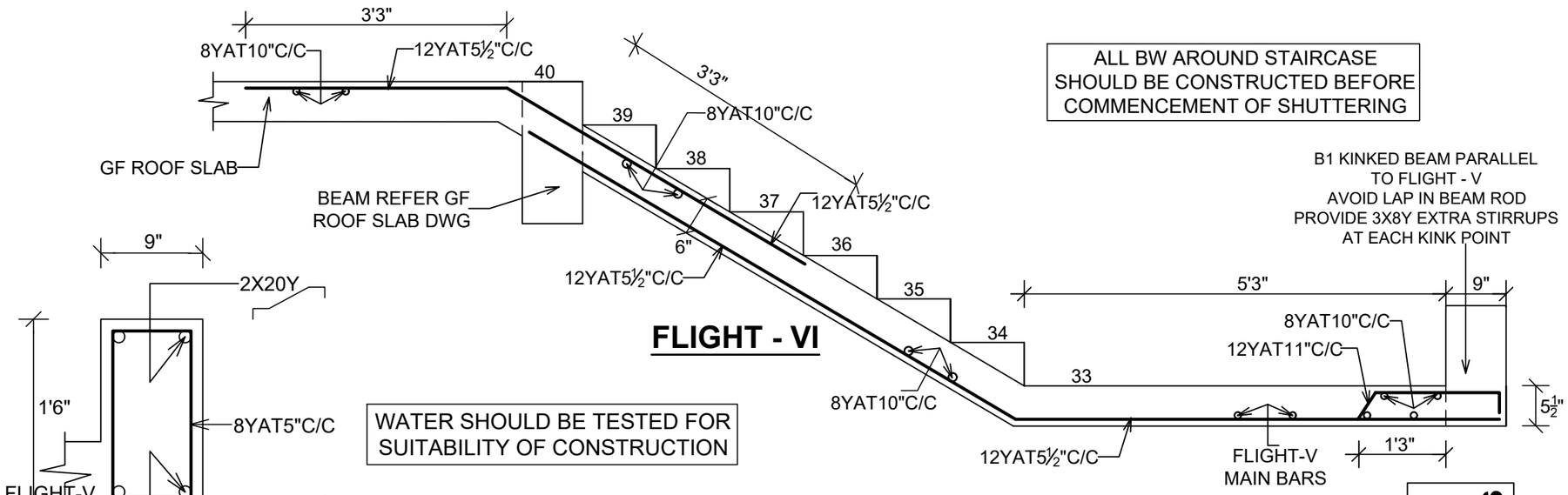
STRUCTURAL PREPARATION:-
PH:-0452-4512480

L.VEERAMANI B.E.,
24 J/1, OLD KUYAVAR PALAYAM ROAD,
IInd FLOOR, RALIN CASTLE,
MADURAI - 625 009.

DRN :- Sabarish

CKED:- P.L.R

DWG.NO:- 2024 / 6310 / SD -2



ALL BW AROUND STAIRCASE SHOULD BE CONSTRUCTED BEFORE COMMENCEMENT OF SHUTTERING

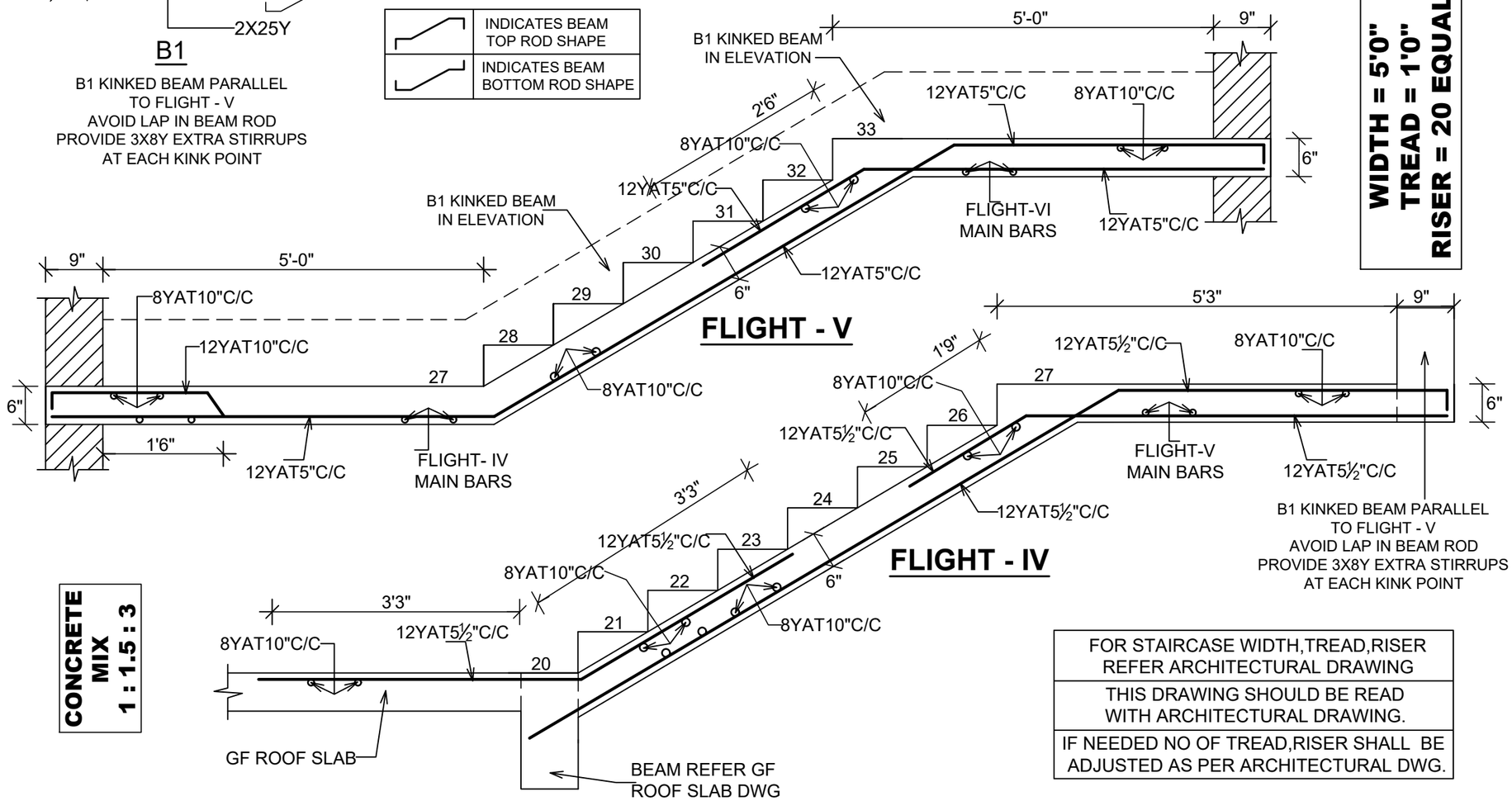
B1 KINKED BEAM PARALLEL TO FLIGHT - V
AVOID LAP IN BEAM ROD
PROVIDE 3X8Y EXTRA STIRRUPS AT EACH KINK POINT

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

B1

B1 KINKED BEAM PARALLEL TO FLIGHT - V
AVOID LAP IN BEAM ROD
PROVIDE 3X8Y EXTRA STIRRUPS AT EACH KINK POINT

	INDICATES BEAM TOP ROD SHAPE
	INDICATES BEAM BOTTOM ROD SHAPE



WIDTH = 5'0"
TREAD = 1'0"
RISER = 20 EQUALS

CONCRETE MIX 1 : 1.5 : 3

B1 KINKED BEAM PARALLEL TO FLIGHT - V
AVOID LAP IN BEAM ROD
PROVIDE 3X8Y EXTRA STIRRUPS AT EACH KINK POINT

FOR STAIRCASE WIDTH,TREAD,RISER REFER ARCHITECTURAL DRAWING
THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.
IF NEEDED NO OF TREAD,RISER SHALL BE ADJUSTED AS PER ARCHITECTURAL DWG.

NOTES:-

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE BEAM = 1", SLAB = 0.65".
4. MINIMUM LAP LENGTH SHALL BE 20Y=4'0",16Y=3'3",12Y=2'6",10Y=2'0".
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER SITE VISIT.
8. THIS BUILDING NOT DESIGNED FOR EARTH QUAKE.
9. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
10. ALL DIMENSIONS SHOULD BE CHECKED WITH ARCHITECTURAL DRAWING.
11. THIS DRAWING SHOULD BE READ WITH ARCHITECTURAL DRAWING.

APARTMENT BUILDING

PLOT NO : 40

ANNA NAGAR EAST MAIN ROAD
AT MADURAI.

CLIENT:

Mr.MURUGADOSS..
M/S.NIMO AGRI PRIVATE LIMITED..

SCALE: 1"=2' 0",1"=1'0" | DATE : 01 - 07 - 2024

TYPICAL FLOORS STAIRCASE RC DETAILS

ARCHITECT:- PH:-4391146. 88700-06096.

ARCH ,T.K. ANWAR SADIQ B.ARCH.,
FLAT-A4, SRI JAYASHREE APARTMENT
1st FLOOR, BHARATHI ULA ROAD,
RACE COURSE COLONY,
MADURAI - 625 002.

SOIL CONSULTANT:- PH:-91 75980-31360 PH:- 0452-4366668

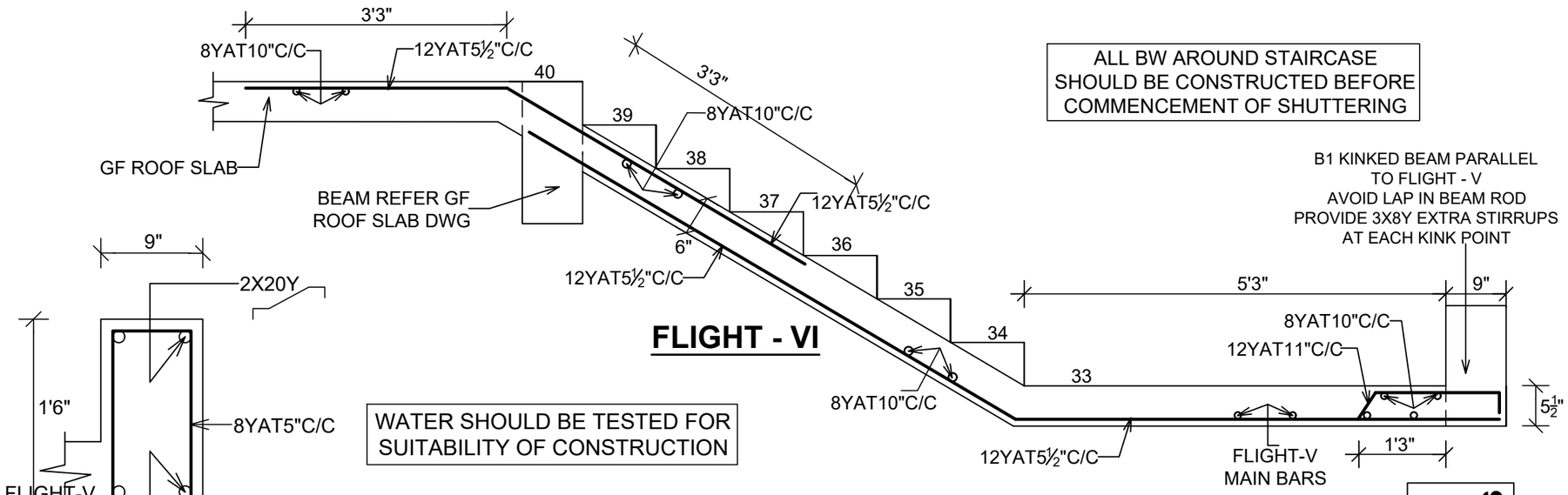
GEOMATRIX CONSULTANCY
141A & 142, SVSK TOWERS, ALAGAR KOIL
MAIN ROAD, TALLAKULAM,
MADURAI - 625002.

STRUCTURAL PREPARATION:- PH: 0452-4512480.

L. VEERAMANI B.E ,
24J/1, OLD KUYAVAR PALAYAM ROAD,
II ND FLOOR RALIN CASTLE,
MADURAI - 625 009.

DRN : Sabarish
CKED : P.L.R

DWG.NO:- 2024 / 6310 / SD-10



ALL BW AROUND STAIRCASE SHOULD BE CONSTRUCTED BEFORE COMMENCEMENT OF SHUTTERING

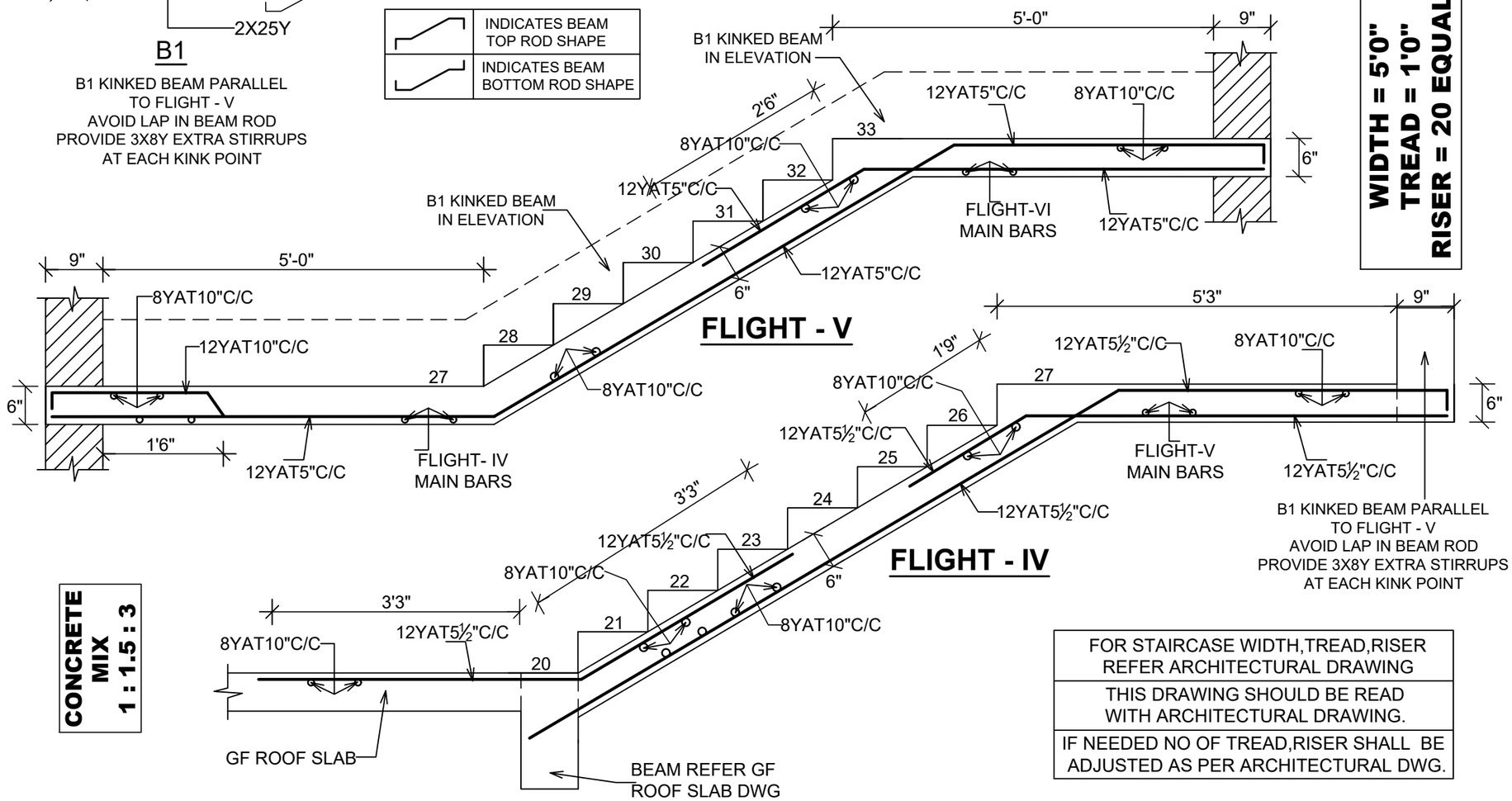
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AVOID LAP IN BEAM ROD
PROVIDE 3X8Y EXTRA STIRRUPS AT EACH KINK POINT

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

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MADURAI - 625 009.

DRN : Sabarish
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DWG.NO:- 2024 / 6310 / SD-10

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.