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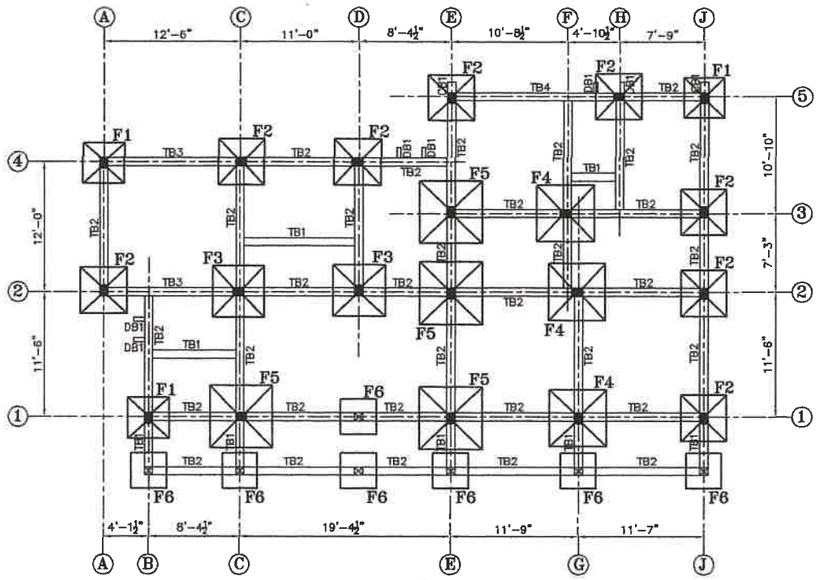
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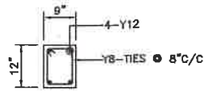
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Official Property Record

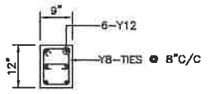


Digitally Verified Record - Powered by Verified RealEstate™

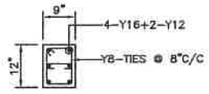




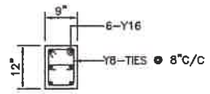
COL-F1



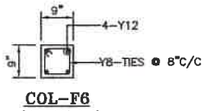
COL-F2



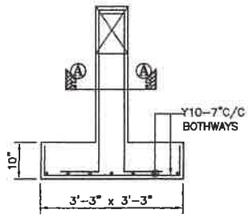
COL-F3&F4



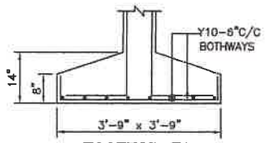
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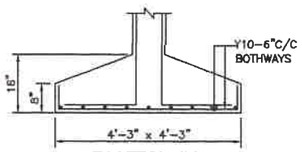
COL-F6
(SECTION A A)



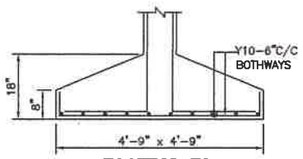
FOOTING-F6



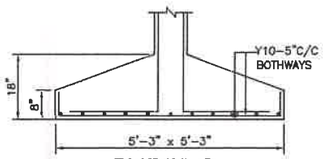
FOOTING-F1



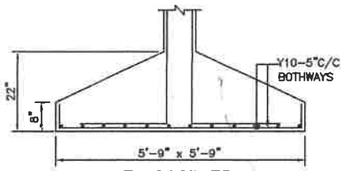
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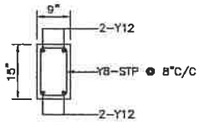
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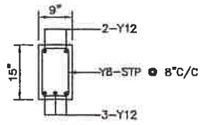
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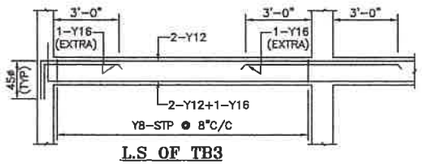
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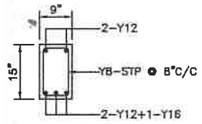
C.S OF TB1



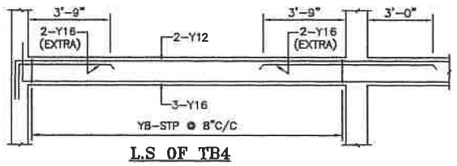
C.S OF TB2



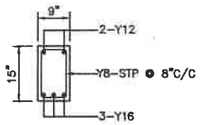
L.S OF TB3



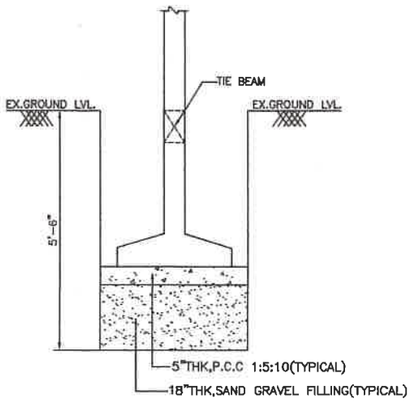
C.S OF TB3



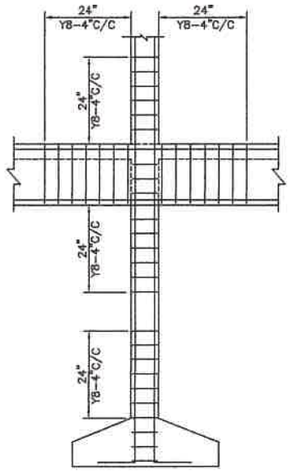
L.S OF TB4



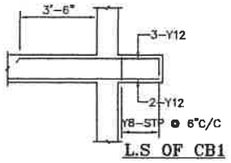
C.S OF TB4



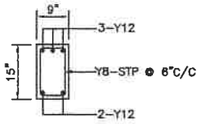
TYP.FOUNDATION



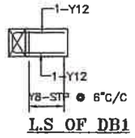
TYP. SEC. FOR
STP. DETAILS



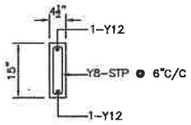
L.S OF CB1



C.S OF CB1



L.S OF DB1



C.S OF DB1

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. ——— Bottom Reinforcement
7. ----- Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    i) For Slabs :
    a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    b. Slabs spanning over 4.5 m (15'-0") – 14 days
    ii) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'-0") –14days
    d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-1 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

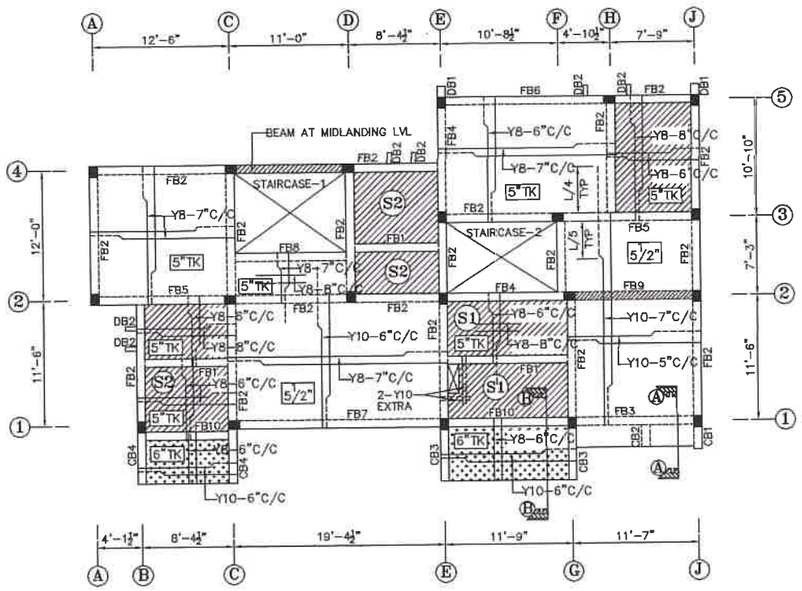
FOUNDATION DETAIL — BLOCK-1

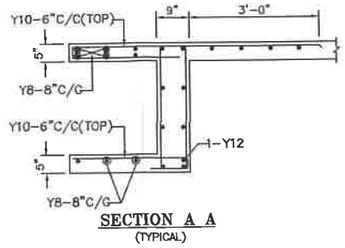
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	CHITRA		DATE	18-09-2024

STRUCTURAL CONSULTANTS:

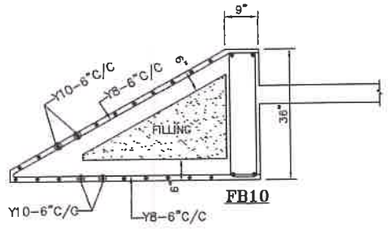
C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
C.KANNAN, B.E., M.E.(STRUCTURE)
DOOR NO:37, PLOT NO:257, 4th Main Road,
FLAT NO:2B, "UTOPIA APARTMENTS", Indira Nagar, Chennai-600 020.
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannanks2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN



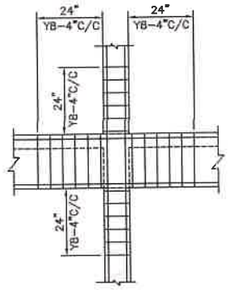


SECTION A A
(TYPICAL)

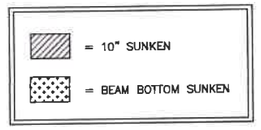


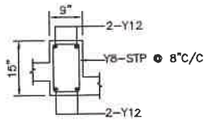
FB10

SECTION B B

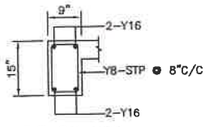


TYP. SEC. FOR
STP. DETAILS

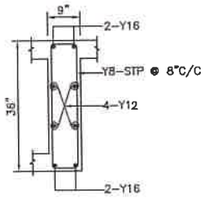




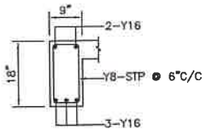
C.S OF FB1



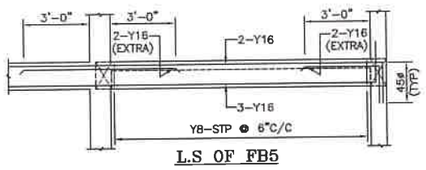
C.S OF FB2



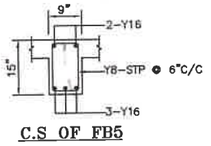
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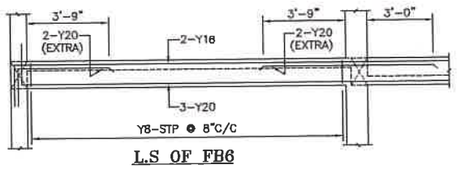
C.S OF FB4



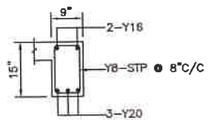
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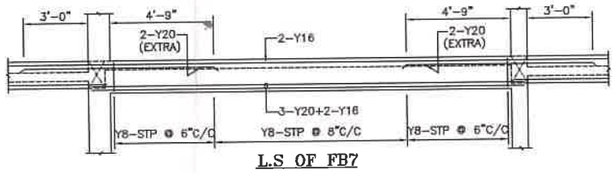
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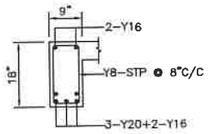
L.S OF FB6



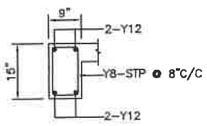
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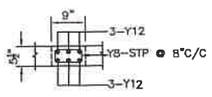
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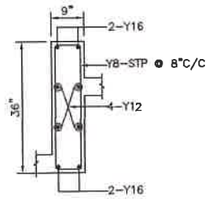
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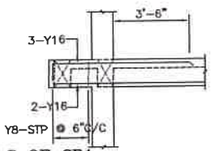
C.S OF FB8



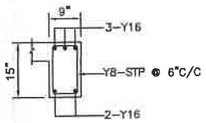
C.S OF FB9



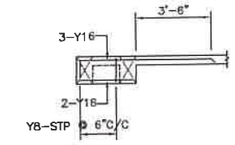
C.S OF FB10



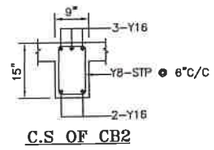
L.S OF CB1



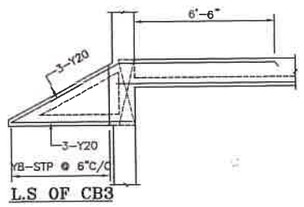
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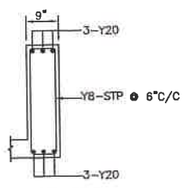
L.S OF CB2



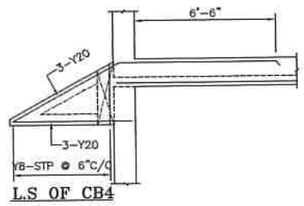
C.S OF CB2



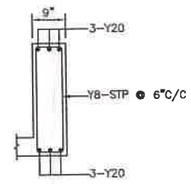
L.S OF CB3



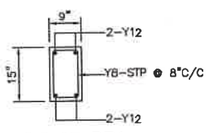
C.S OF CB3



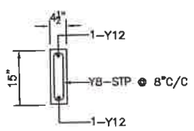
L.S OF CB4



C.S OF CB4



C.S OF DB1



C.S OF DB2

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. ——— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893–2016 code.
15. Removal of formworks :
    - I) For Slabs :
    - a. Slabs spanning upto 4.5 m (15'–0") – 7 days
    - b. Slabs spanning over 4.5 m (15'–0") – 14 days
    - II) For Beams and Arches :
    - c. Beams and Arches spanning upto 6 m (20'–0") –14days
    - d. Beams and Arches spanning over 6 m (20'–0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK–1 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD–G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

GROUND FLOOR ROOF DETAIL BLOCK–1

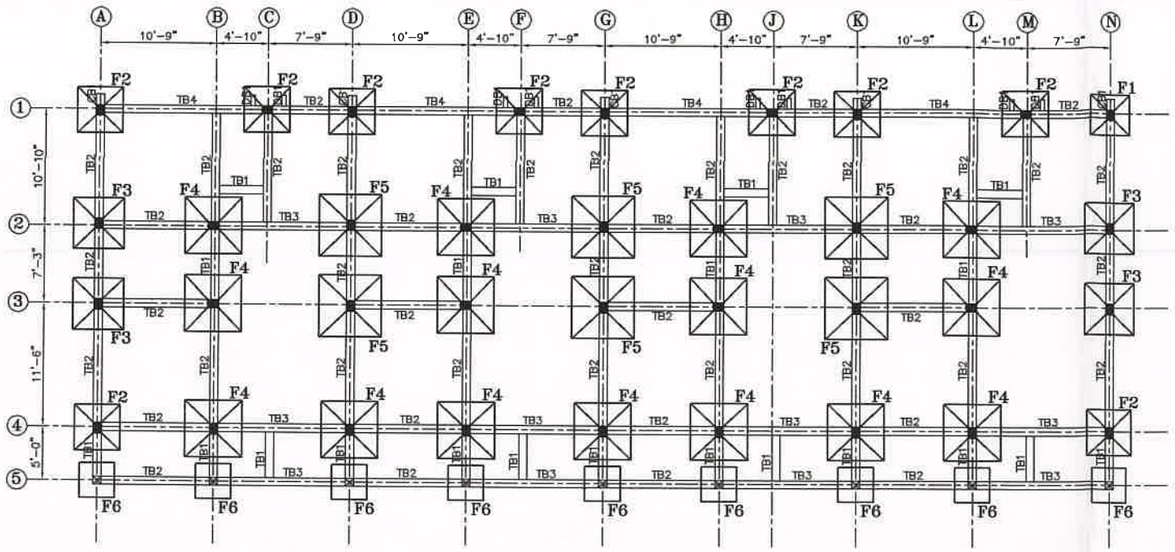
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DRAWN	CHITRA		DATE	18–09–2024

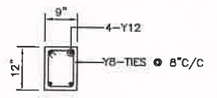
STRUCTURAL CONSULTANTS:

C. KANNAN, B.E.,M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

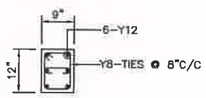
C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:257–W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI–20.
MOBILE NO: 098412 49815.
E–MAIL:kannankds2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

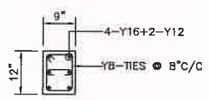




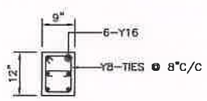
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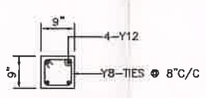
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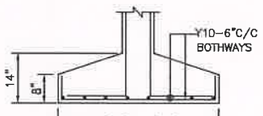
COL-F3&F4



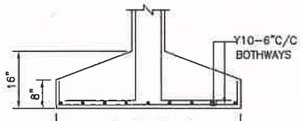
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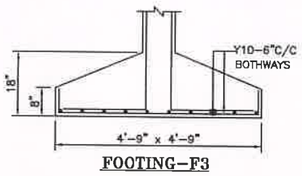
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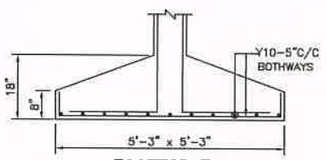
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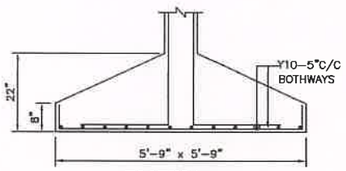
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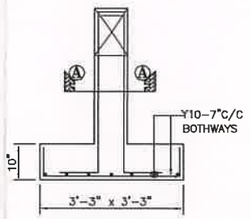
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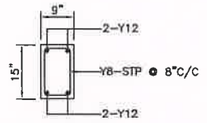
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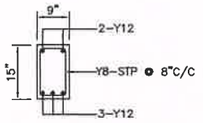
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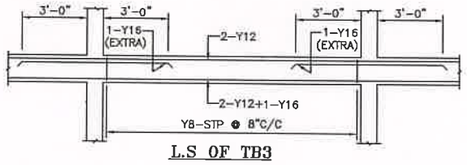
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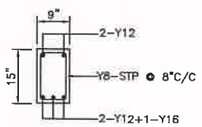
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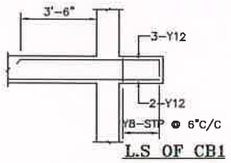
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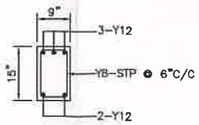
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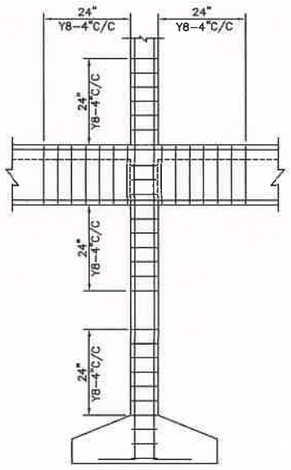
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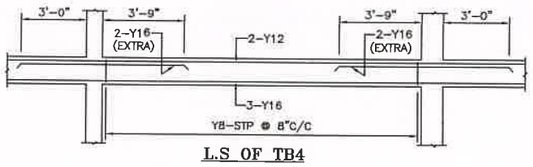
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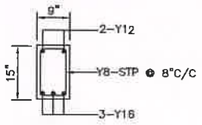
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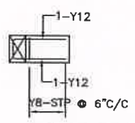
TYP. SEC. FOR
STP. DETAILS



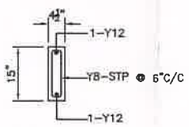
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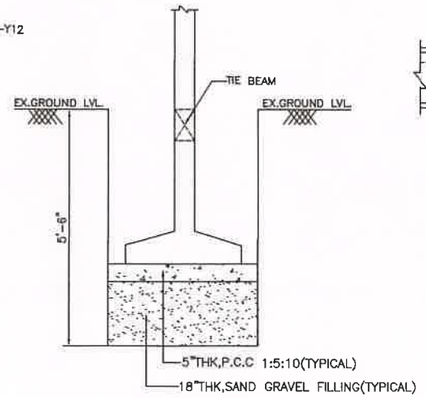
C.S OF TB4



L.S OF DB1



C.S OF DB1



TYP.FOUNDATION

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. *Clear cover to the main steel*
   50 for Footings , Raft Slabs & Raft Beams.
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   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ----- Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
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10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    i) For Slabs :
    a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    b. Slabs spanning over 4.5 m (15'-0") – 14 days
    II) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'-0") -14days
    d. Beams and Arches spanning over 6 m (20'-0") -21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-2,4&6 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

FOUNDATION DETAIL

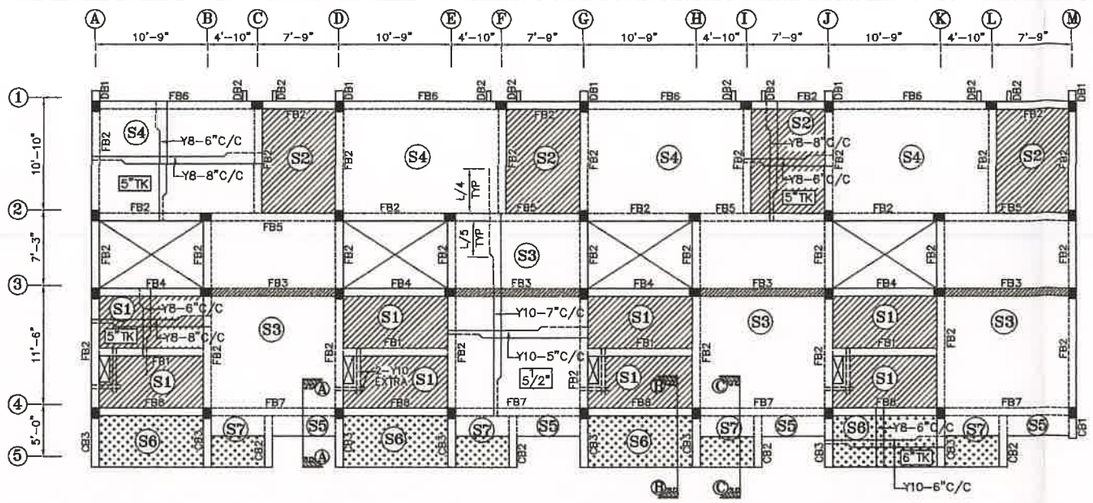
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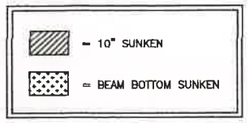
STRUCTURAL CONSULTANTS:

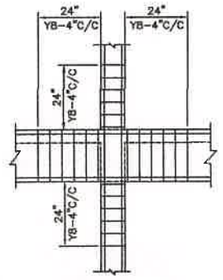
C. KANNAN, B.E., M.E. (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

C.KANNAN B.E.,M.E.(STRUCTURE)
DOOR NO:21, PLOT NO:257-W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannankds2007@gmail.com

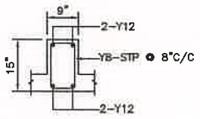
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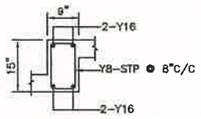




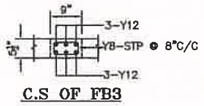
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STP. DETAILS



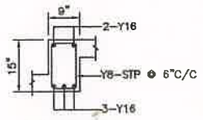
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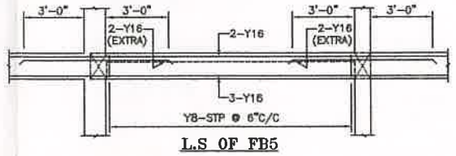
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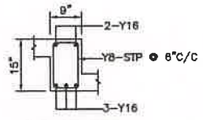
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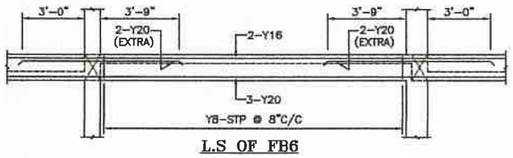
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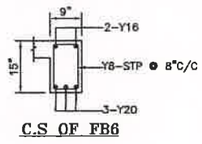
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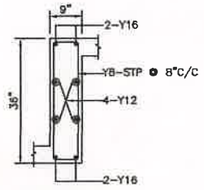
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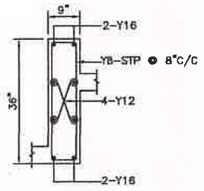
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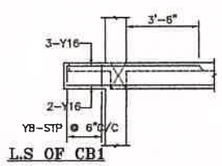
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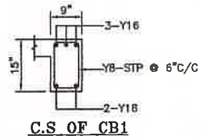
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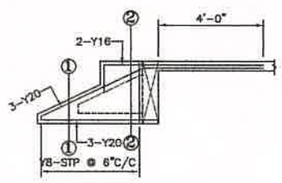
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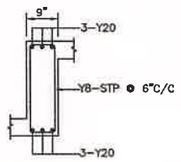
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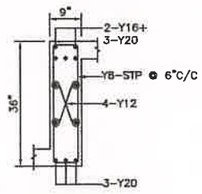
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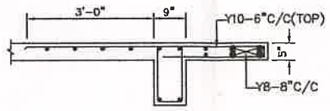
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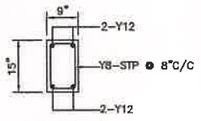
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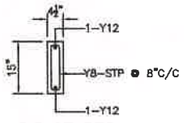
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(SECTION 2 2)



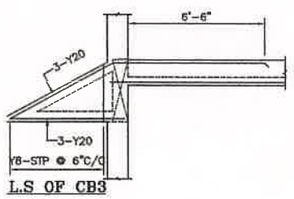
SECTION A A
(TYPICAL)



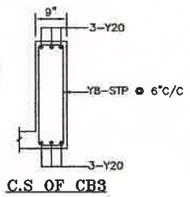
C.S OF DB1



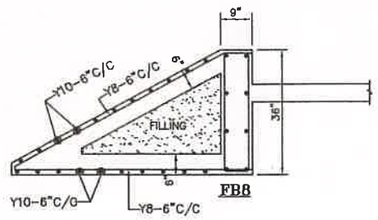
C.S OF DB2



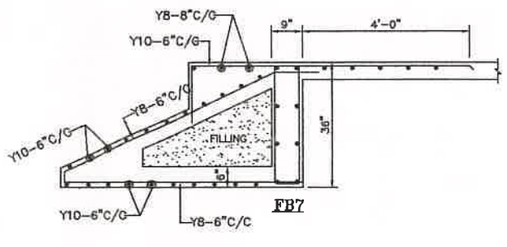
L.S OF CB3



C.S OF CB3



SECTION B B



SECTION C C

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided In Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    - I) For Slabs :
      - a. Slabs spanning upto 4.5 m (15'-0") – 7 days
      - b. Slabs spanning over 4.5 m (15'-0") – 14 days
    - II) For Beams and Arches :
      - c. Beams and Arches spanning upto 6 m (20'-0") –14days
      - d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-2,4&6 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

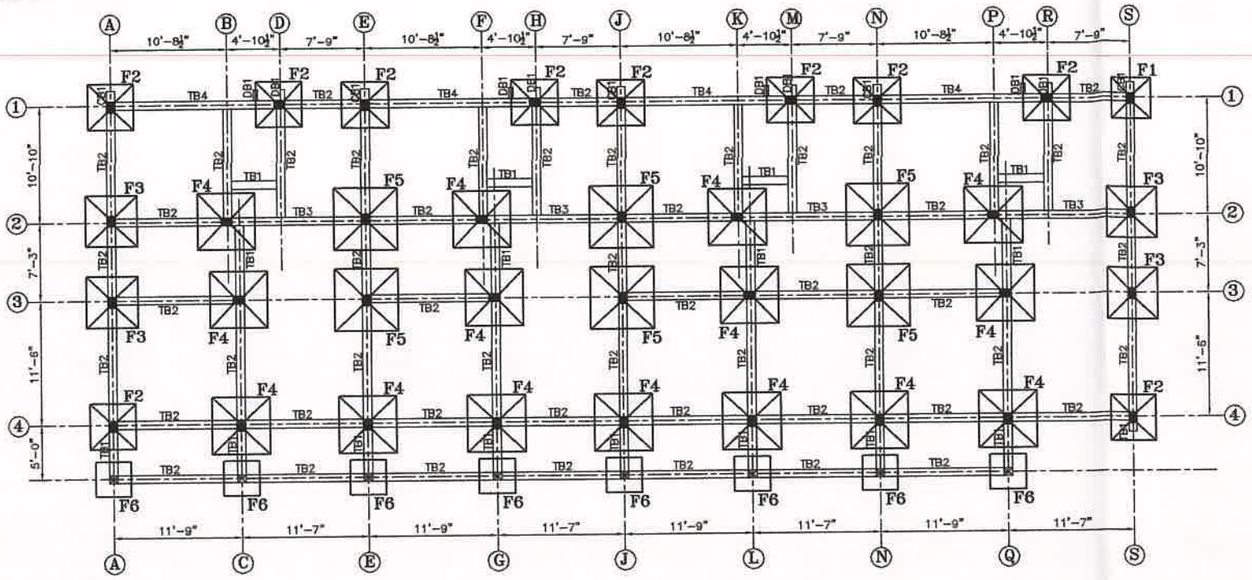
GROUND FLOOR ROOF DETAIL

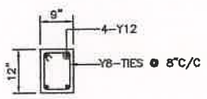
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	CHITRA		DATE	19-09-2024

STRUCTURAL CONSULTANTS:

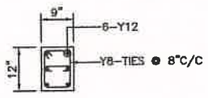
C.KANNAN, B.E.,M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
C.KANNAN, B.E., M.E.(STRUCTURE),
DOOR NO:21, PLOT NO:257,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 48815.
E-MAIL:kannankde2007@gmail.com
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

FILE NAME : D/CHITRA/CORPORATION/VGN

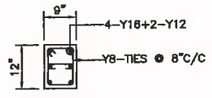




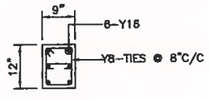
COL-F1



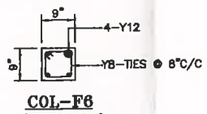
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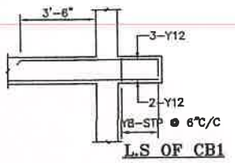
COL-F3&F4



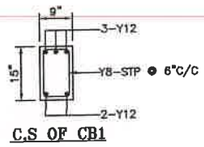
COL-F5



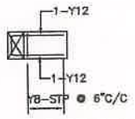
COL-F6
(SECTION A A)



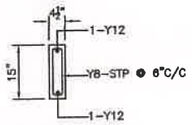
L.S OF CB1



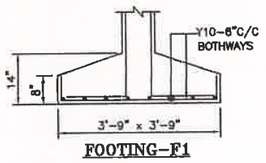
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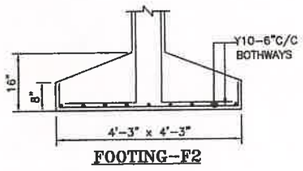
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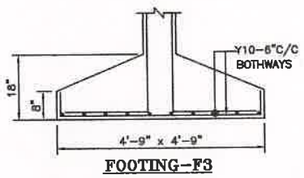
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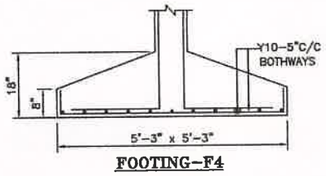
FOOTING-F1



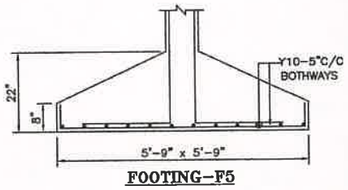
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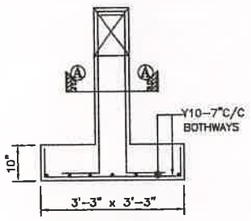
FOOTING-F3



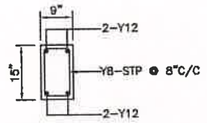
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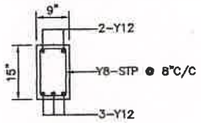
FOOTING-F5



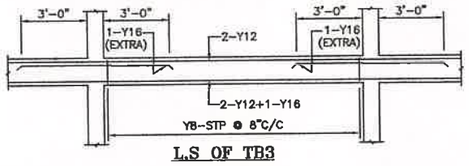
FOOTING-F6



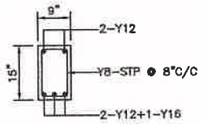
C.S OF TB1



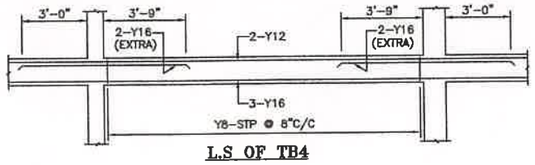
C.S OF TB2



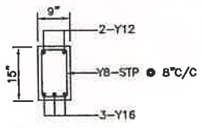
L.S OF TB3



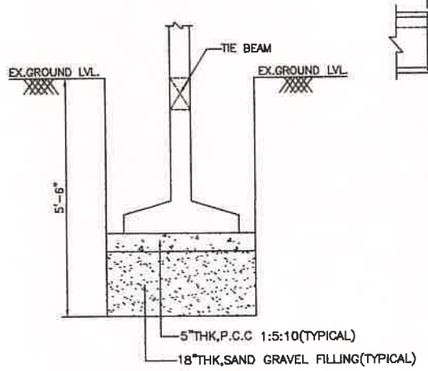
C.S OF TB3



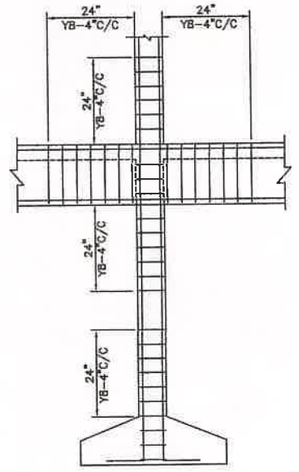
L.S OF TB4



C.S OF TB4



TYP.FOUNDATION



TYP. SEC. FOR
STP. DETAILS

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. ——— Bottom Reinforcement
7. ----- Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    i) For Slabs :
    a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    b. Slabs spanning over 4.5 m (15'-0") – 14 days
    ii) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'-0") –14days
    d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-3,5,7&9 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

FOUNDATION DETAIL

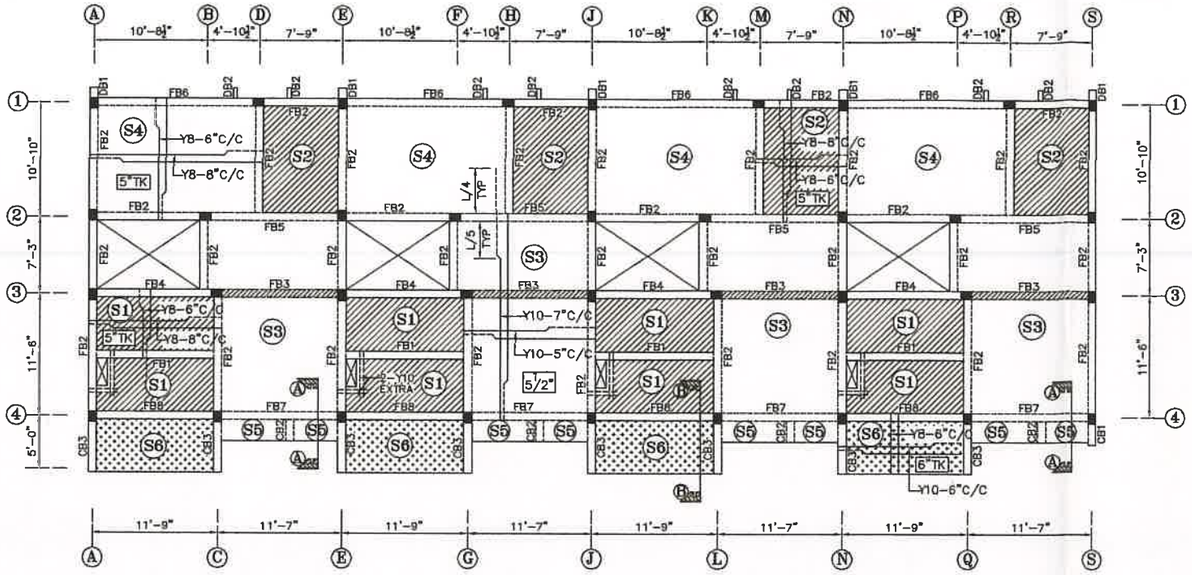
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	CHITRA		DATE	19-09-2024

STRUCTURAL CONSULTANTS:

C. KANNAN, B.E, M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

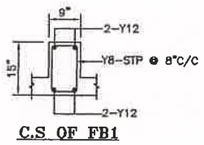
C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:257-W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannankds2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

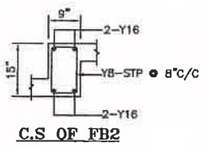


= 10" SUNKEN

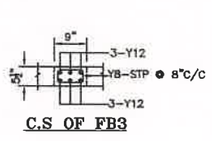
= BEAM BOTTOM SUNKEN



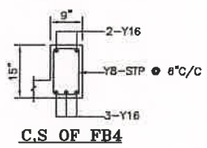
C.S OF FB1



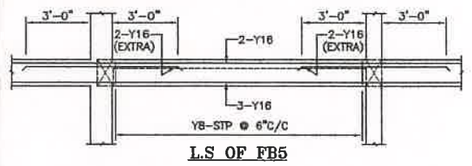
C.S OF FB2



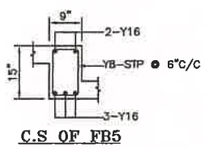
C.S OF FB3



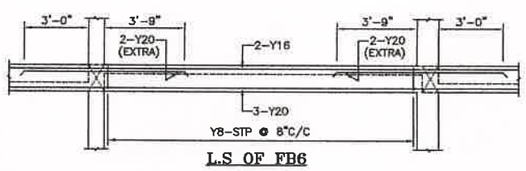
C.S OF FB4



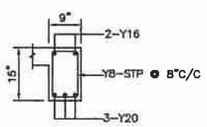
L.S OF FB5



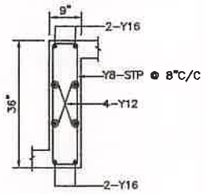
C.S OF FB5



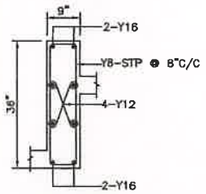
L.S OF FB6



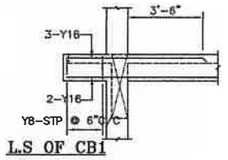
C.S OF FB6



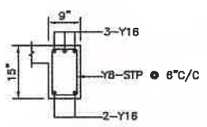
C.S OF FB7



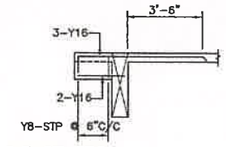
C.S OF FB8



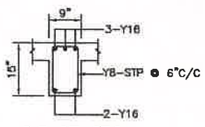
L.S OF CB1



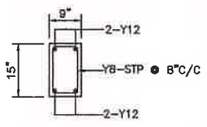
C.S OF CB1



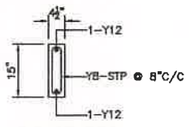
L.S OF CB2



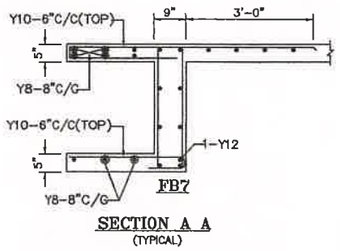
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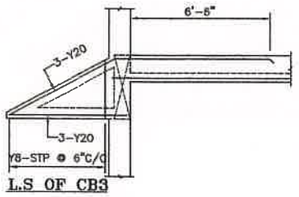
C.S OF DB1



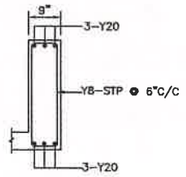
C.S OF DB2



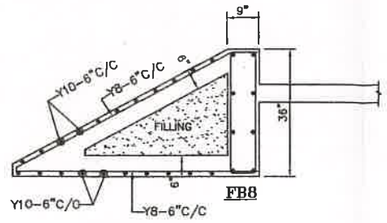
SECTION A A
(TYPICAL)



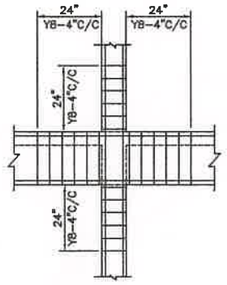
L.S OF CB3



C.S OF CB3



SECTION B B



TYP. SEC. FOR
STP. DETAILS

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. ——— Bottom Reinforcement
7. ----- Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 cs Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893–2016 code.
15. Removal of formworks :

   i) For Slabs :
   - a. Slabs spanning upto 4.5 m (15'–0") – 7 days
   - b. Slabs spanning over 4.5 m (15'–0") – 14 days

   ii) For Beams and Arches :
   - c. Beams and Arches spanning upto 6 m (20'–0") –14days
   - d. Beams and Arches spanning over 6 m (20'–0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK–3,5,7&9 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD–G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

GROUND FLOOR ROOF DETAIL

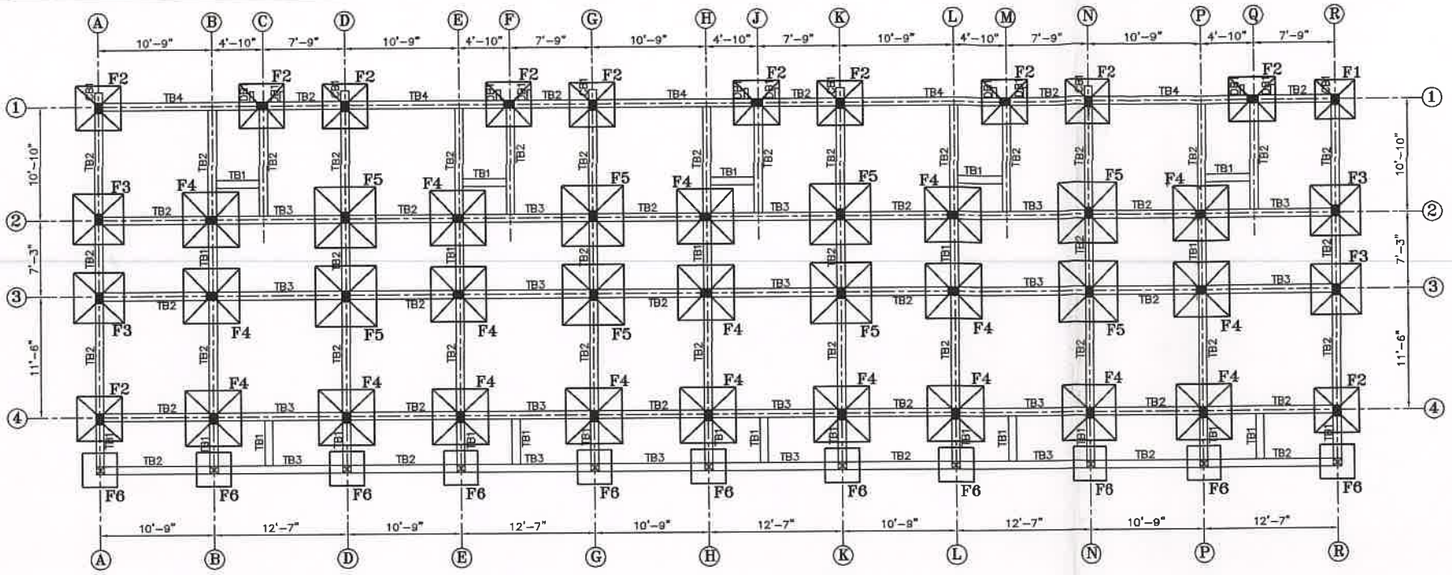
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DRAWN	CHITRA		DATE	19-09-2024

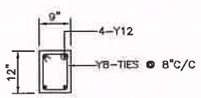
STRUCTURAL CONSULTANTS:

C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

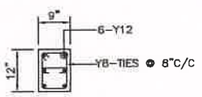
C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:257–W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI–20.
MOBILE NO: 098412 49815.
E–MAIL:kannankds2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

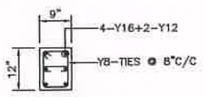




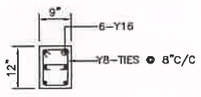
COL-F1



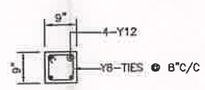
COL-F2



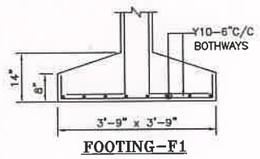
COL-F3&F4



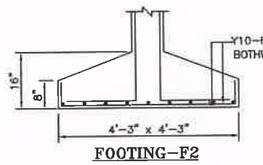
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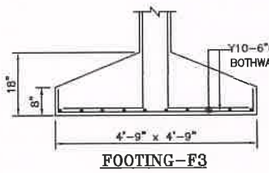
COL-F6
(SECTION A A)



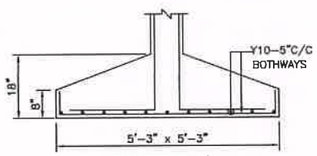
FOOTING-F1



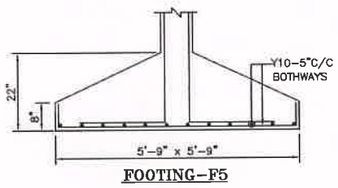
FOOTING-F2



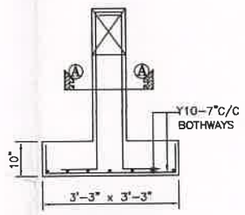
FOOTING-F3



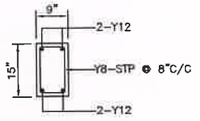
FOOTING-F4



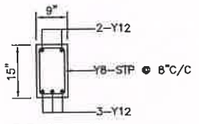
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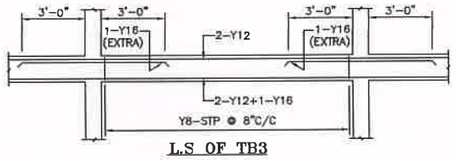
FOOTING-F6



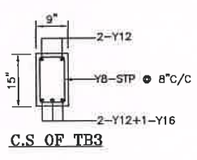
C.S OF TB1



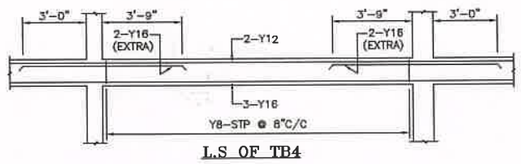
C.S OF TB2



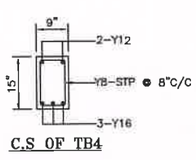
L.S OF TB3



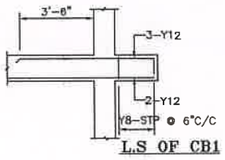
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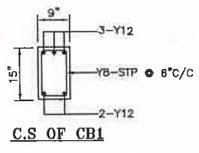
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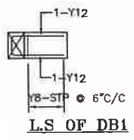
C.S OF TB4



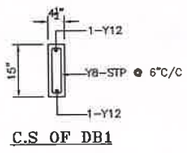
L.S OF CB1



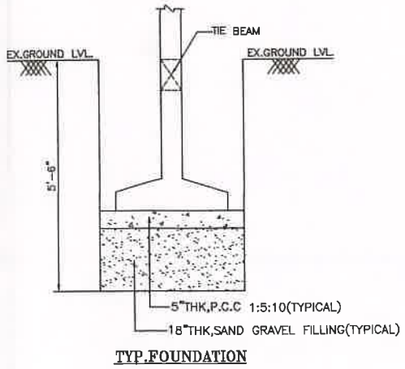
C.S OF CB1



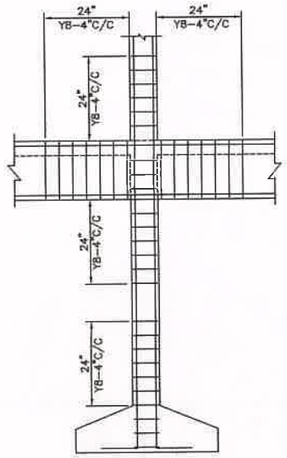
L.S OF DB1



C.S OF DB1



TYP.FOUNDATION



TYP. SEC. FOR
STP. DETAILS

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. *Clear cover to the main steel*
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    I) For Slabs :
    a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    b. Slabs spanning over 4.5 m (15'-0") – 14 days
    II) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'-0") –14days
    d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-8 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

FOUNDATION DETAIL

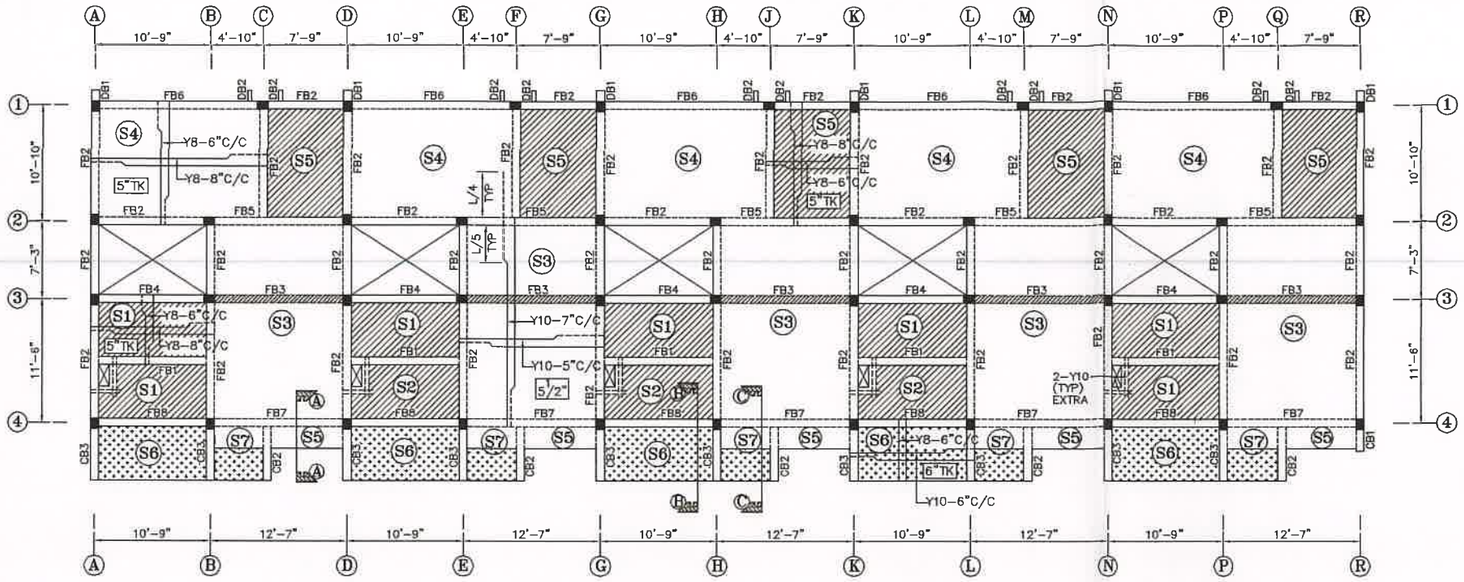
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	CHITRA		DATE	24-09-2024

STRUCTURAL CONSULTANTS:

C.KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Moorthy Nagar, Chennai-600 020.

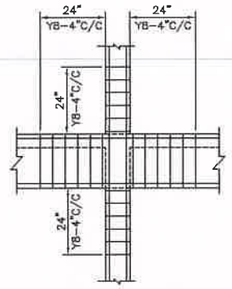
C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:257-W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 09841249815.
E-MAIL:kannanks2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

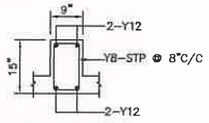


= 10" SUNKEN

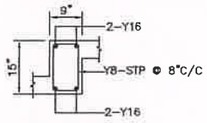
= BEAM BOTTOM SUNKEN



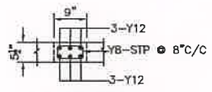
TYP. SEC. FOR STP. DETAILS



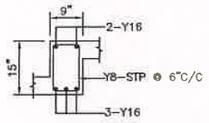
C.S OF FB1



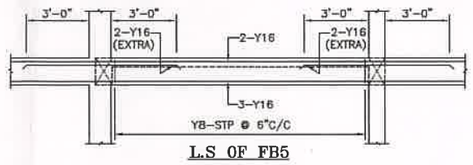
C.S OF FB2



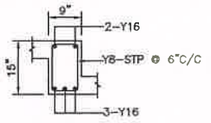
C.S OF FB3



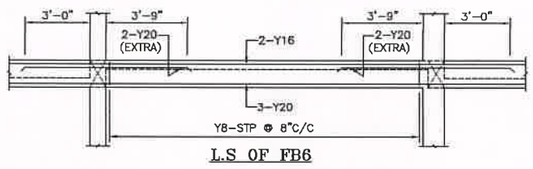
C.S OF FB4



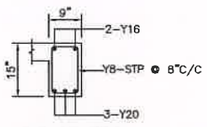
L.S OF FB5



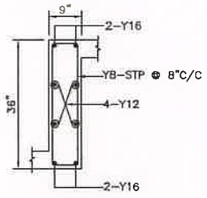
C.S OF FB5



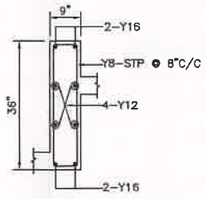
L.S OF FB6



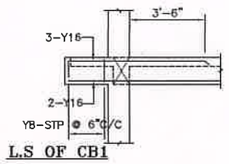
C.S OF FB6



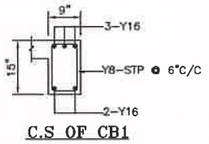
C.S OF FB7



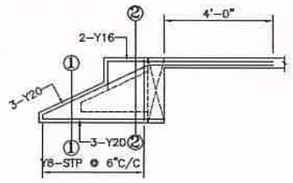
C.S OF FB8



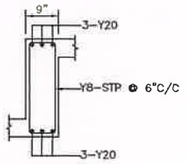
L.S OF CB1



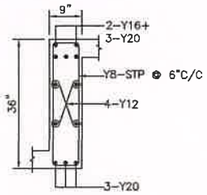
C.S OF CB1



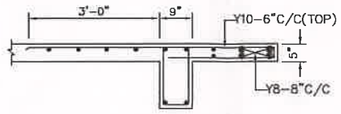
L.S OF CB2



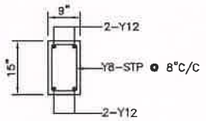
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(SECTION 1 1)



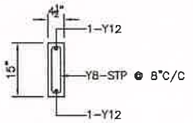
C.S OF CB2
(SECTION 2 2)



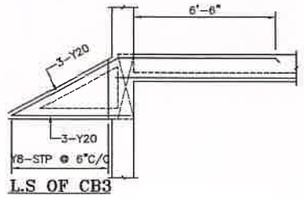
SECTION A A
(TYPICAL)



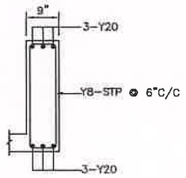
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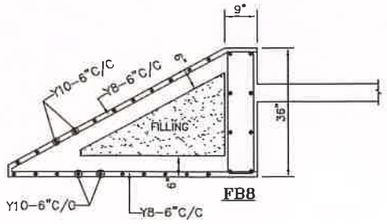
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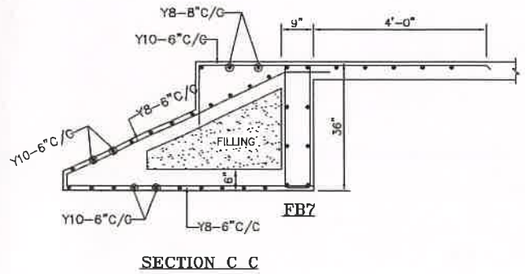
L.S OF CB3



C.S OF CB3



SECTION B B



SECTION C C

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ----- Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893–2016 code.
15. Removal of formworks :
    i) For Slabs :
    a. Slabs spanning upto 4.5 m (15'–0") – 7 days
    b. Slabs spanning over 4.5 m (15'–0") – 14 days
    II) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'–0") –14days
    d. Beams and Arches spanning over 6 m (20'–0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK–8 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD–G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

GROUND FLOOR ROOF DETAIL

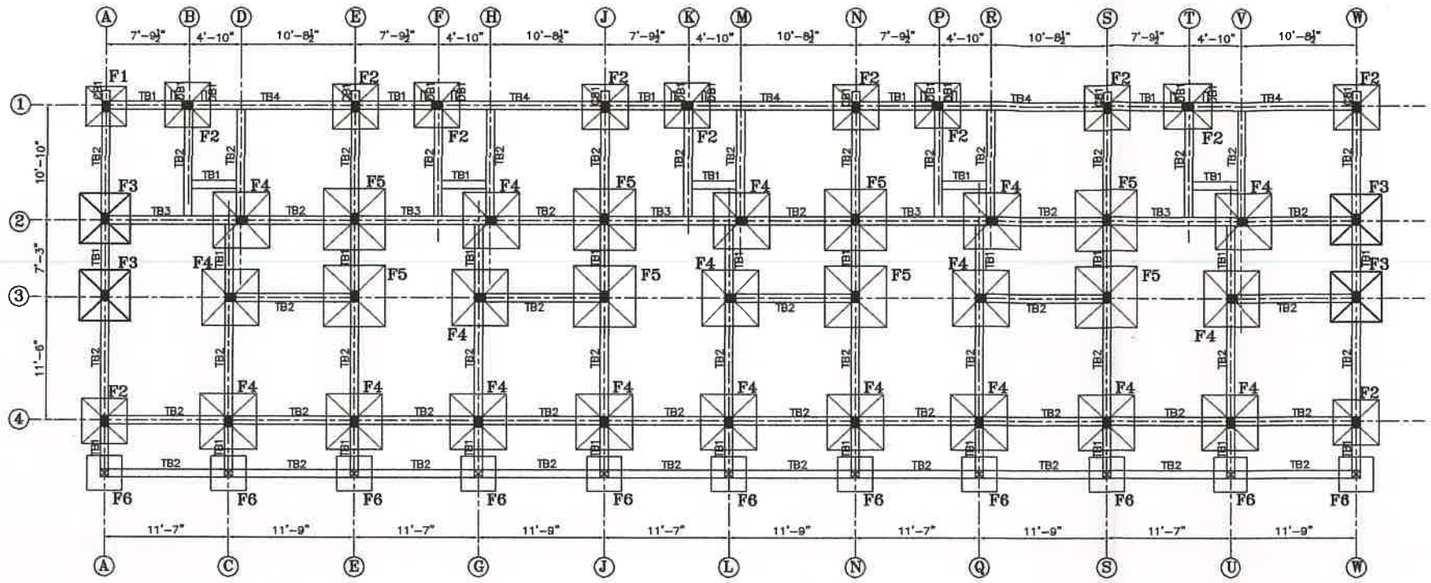
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DRAWN	CHITRA		DATE	24-09-2024

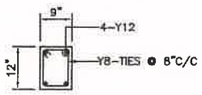
STRUCTURAL CONSULTANTS:

C.KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

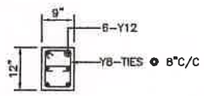
C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:257–W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI–20.
MOBILE NO: 098412 49815.
E–MAIL:kannankds2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

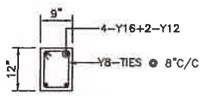




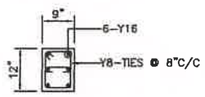
COL-F1



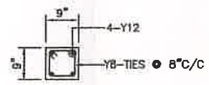
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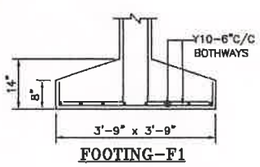
COL-F3&F4



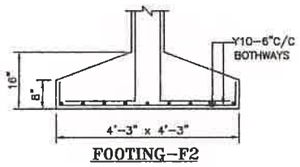
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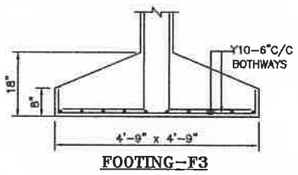
COL-F6
(SECTION A A)



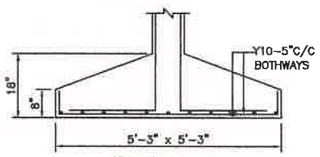
FOOTING-F1



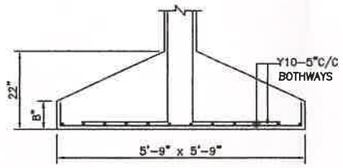
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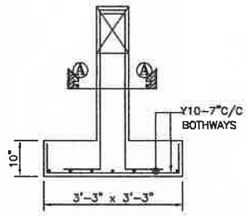
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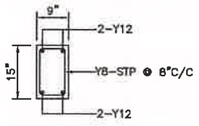
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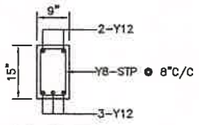
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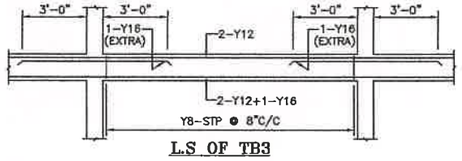
FOOTING-F6



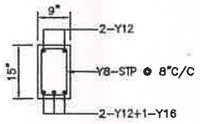
C.S OF TB1



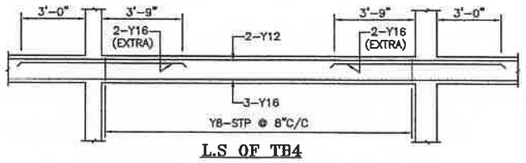
C.S OF TB2



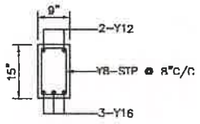
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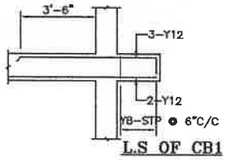
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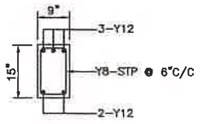
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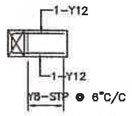
C.S OF TB4



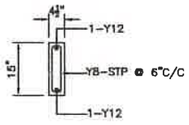
L.S OF CB1



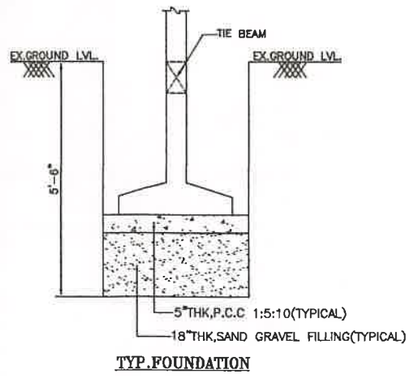
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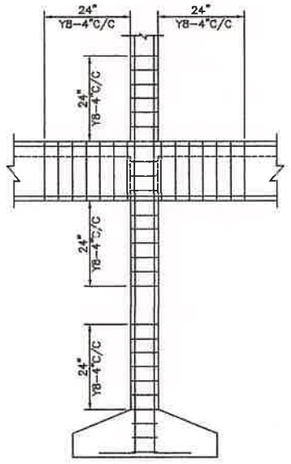
L.S OF DB1



C.S OF DB1



TYP.FOUNDATION



TYP. SEC. FOR
STP. DETAILS

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    - i) For Slabs :
    - a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    - b. Slabs spanning over 4.5 m (15'-0") – 14 days
    - ii) For Beams and Arches :
    - c. Beams and Arches spanning upto 6 m (20'-0") –14days
    - d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-10 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

FOUNDATION DETAIL

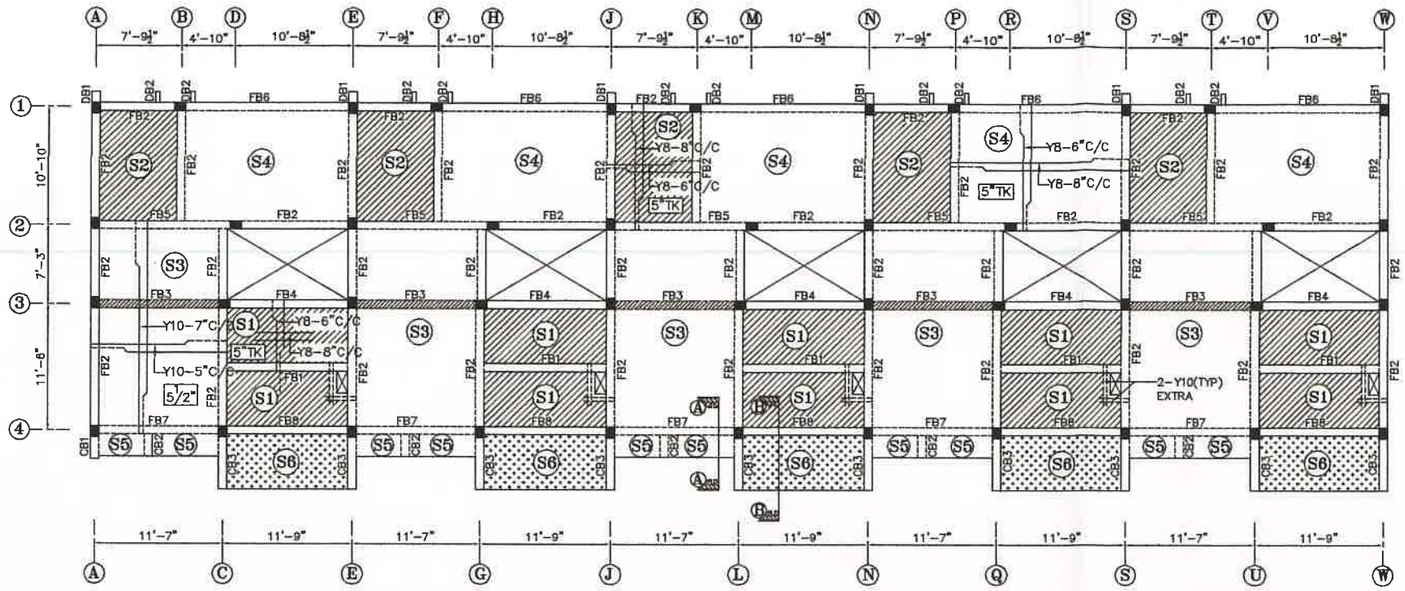
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	CHITRA		DATE	24-09-2024

STRUCTURAL CONSULTANTS:

C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

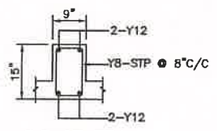
C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, FLOOR NO:2ST FLR,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannankds2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

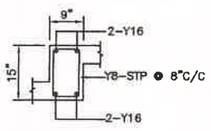


= 10" SUNKEN

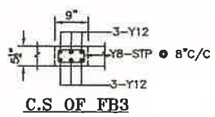
= BEAM BOTTOM SUNKEN



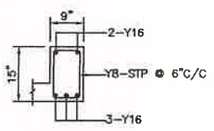
C.S OF FB1



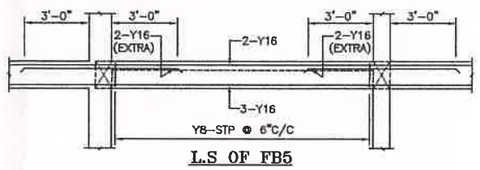
C.S OF FB2



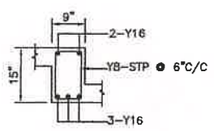
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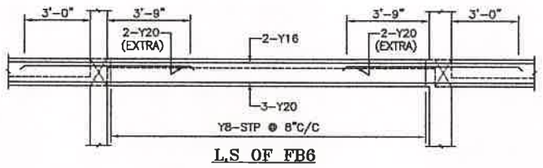
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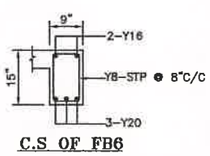
L.S OF FB5



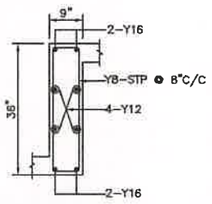
C.S OF FB5



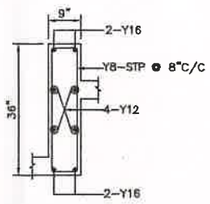
L.S OF FB6



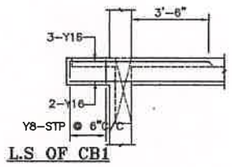
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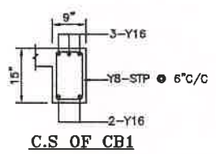
C.S OF FB7



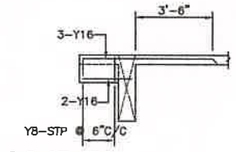
C.S OF FB8



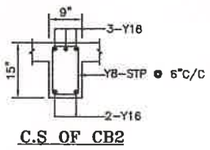
L.S OF CB1



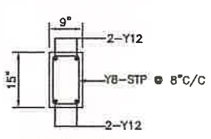
C.S OF CB1



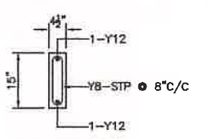
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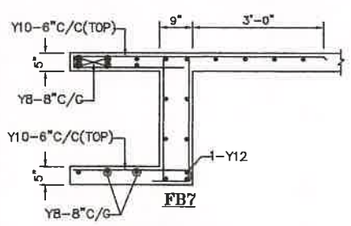
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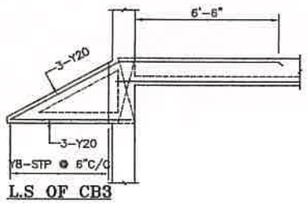
C.S OF DB1



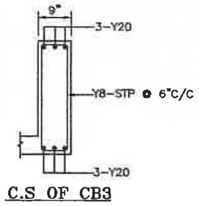
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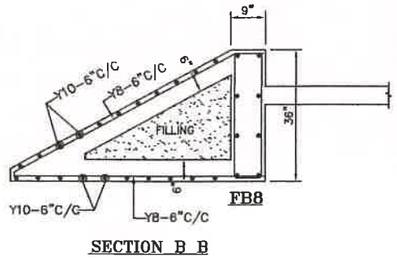
SECTION A A
(TYPICAL)



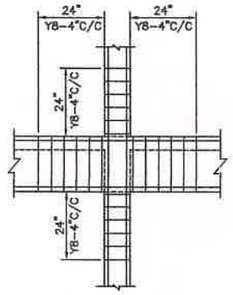
L.S OF CB3



C.S OF CB3



SECTION B B



TYP. SEC. FOR
STP. DETAILS

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. ——— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    i) For Slabs :
    a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    b. Slabs spanning over 4.5 m (15'-0") – 14 days
    ii) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'-0") –14days
    d. Beams and Arches spanning over 6 m (20'-0") –21days

RJNO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-10 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

GROUND FLOOR ROOF DETAIL

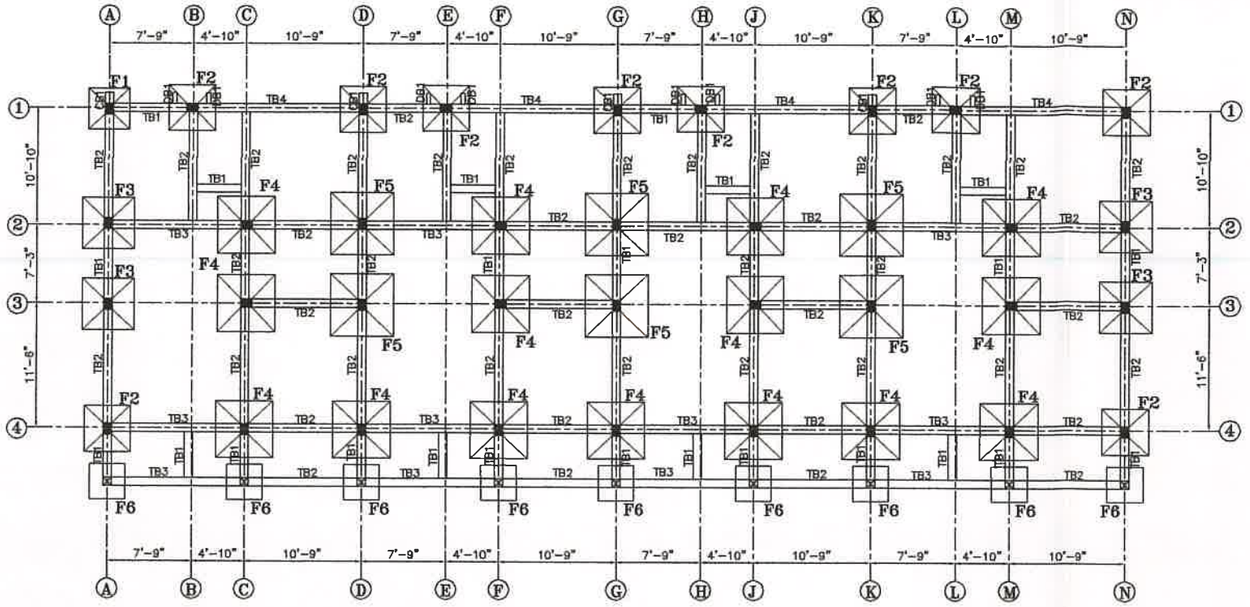
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DRAWN	CHITRA		DATE	24-09-2024

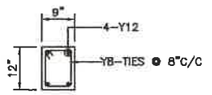
STRUCTURAL CONSULTANTS:

C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
C.KANNAN B.E., M.E.(STRUCTURE)
DOOR NO:21, FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 48815.
E-MAIL:kannankda2007@gmail.com

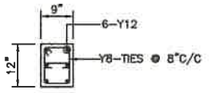
Door No.21, 4th Main Road, Indira Nagar, Chennai-600 020.

FILE NAME : D/CHITRA/CORPORATION/VGN

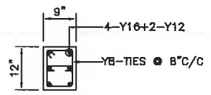




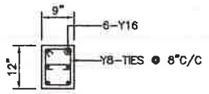
COL-F1



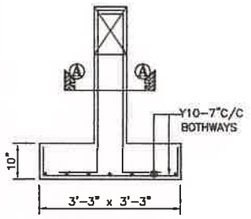
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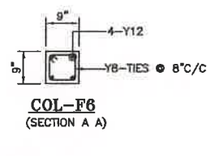
COL-F3&F4



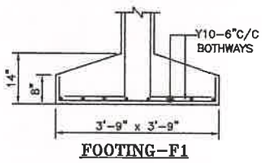
COL-F5



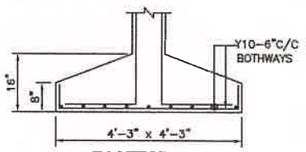
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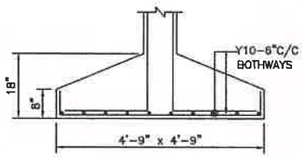
COL-F6
(SECTION A A)



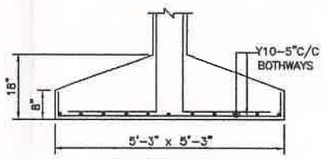
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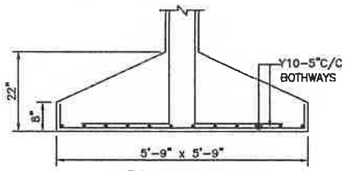
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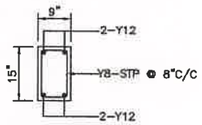
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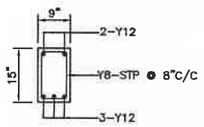
FOOTING-F4



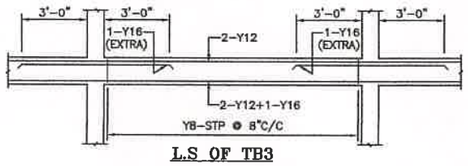
FOOTING-F5



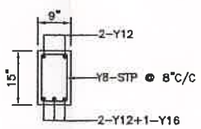
C.S OF TB1



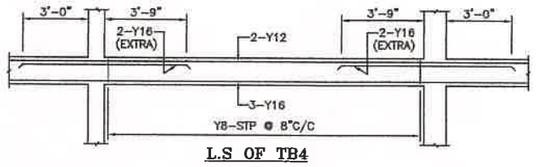
C.S OF TB2



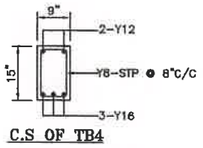
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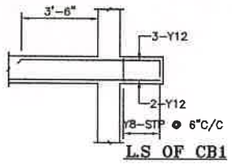
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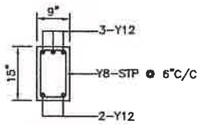
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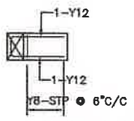
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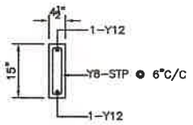
L.S OF CB1



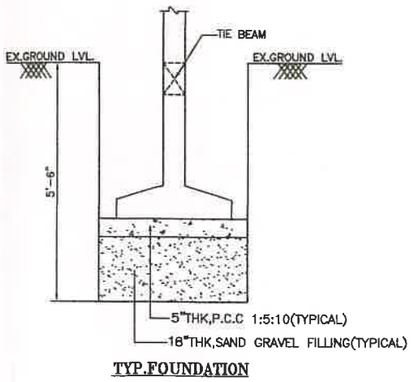
C.S OF CB1



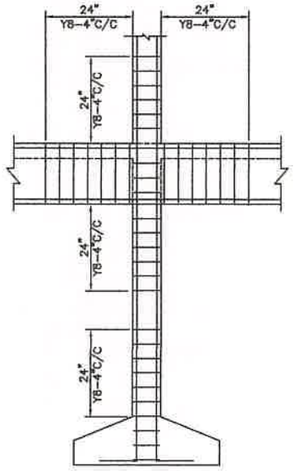
L.S OF DB1



C.S OF DB1



TYP.FOUNDATION



TYP. SEC. FOR STP. DETAILS

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. *Clear cover to the main steel*
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. ——— Bottom Reinforcement
7. - - - - - Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided In Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    i) For Slabs :
    a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    b. Slabs spanning over 4.5 m (15'-0") – 14 days
    ii) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'-0") –14days
    d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-11 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

FOUNDATION DETAIL

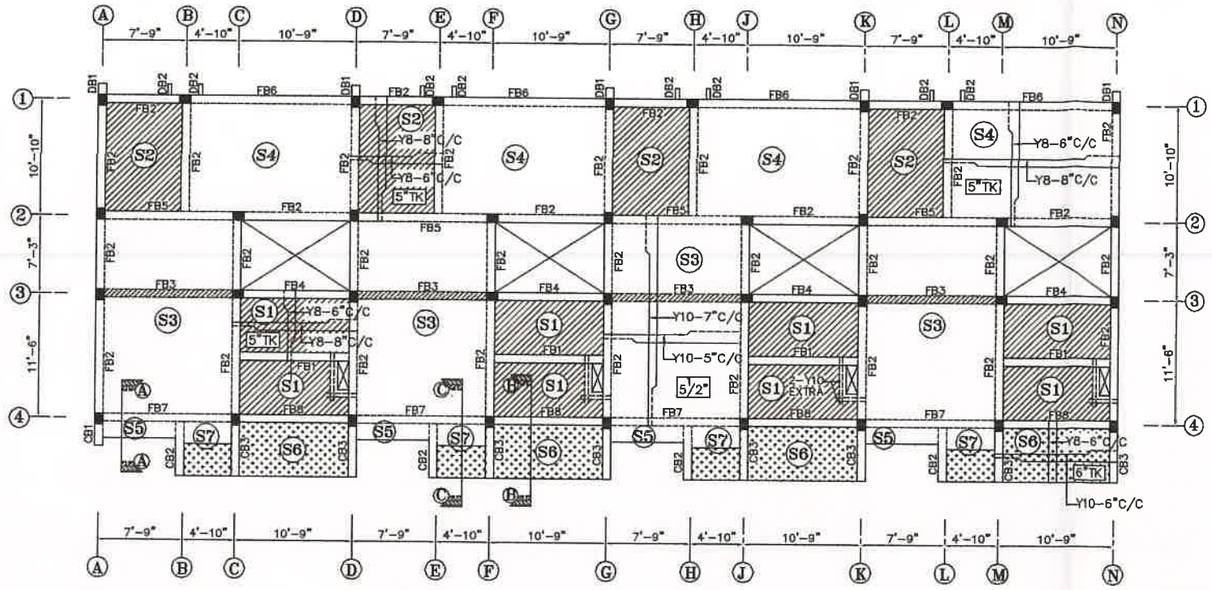
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DRAWN	CHITRA		DATE	24-09-2024

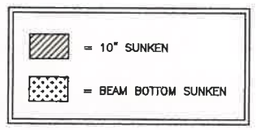
STRUCTURAL CONSULTANTS:

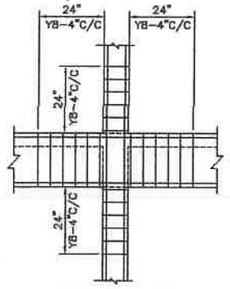
C.KANNAN, B.E.,M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:22,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD.
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannankde2007@gmail.com

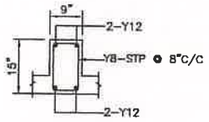
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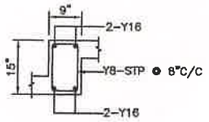




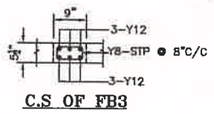
TYP. SEC. FOR STP. DETAILS



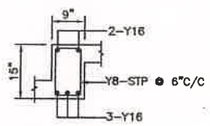
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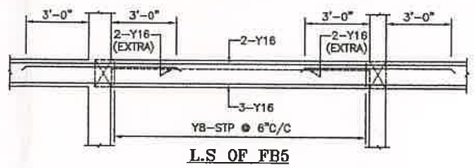
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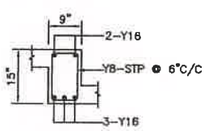
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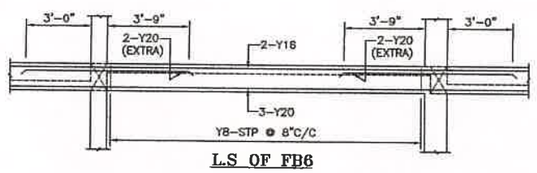
C.S OF FB4



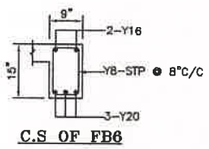
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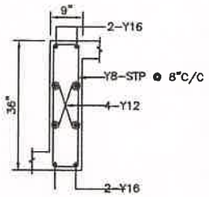
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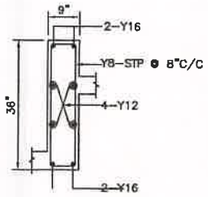
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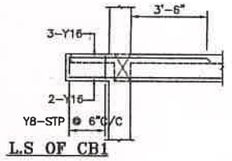
C.S OF FB6



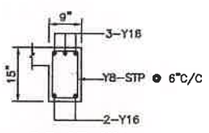
C.S OF FB7



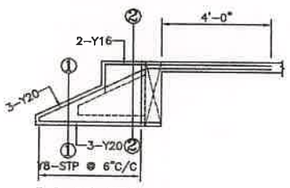
C.S OF FB8



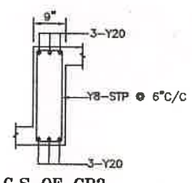
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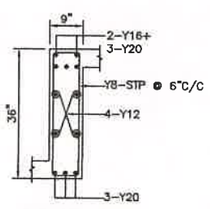
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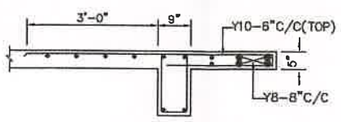
L.S OF CB2



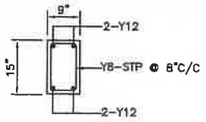
C.S OF CB2
(SECTION 1 1)



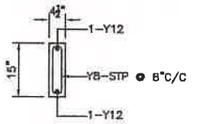
C.S OF CB2
(SECTION 2 2)



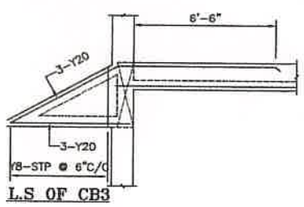
SECTION A A
(TYPICAL)



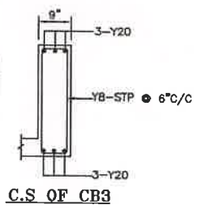
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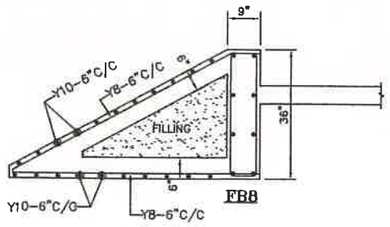
C.S OF DB2



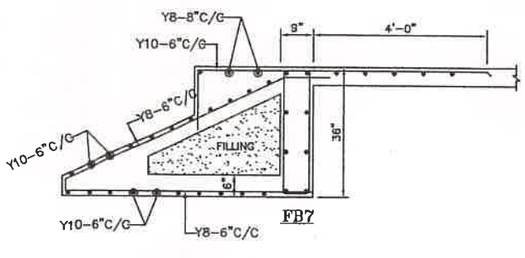
L.S OF CB3



C.S OF CB3



SECTION B B



SECTION C C

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided In Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    - i) For Slabs :
    - a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    - b. Slabs spanning over 4.5 m (15'-0") – 14 days
    - ii) For Beams and Arches :
    - c. Beams and Arches spanning upto 6 m (20'-0") –14days
    - d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-11 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

GROUND FLOOR ROOF DETAIL

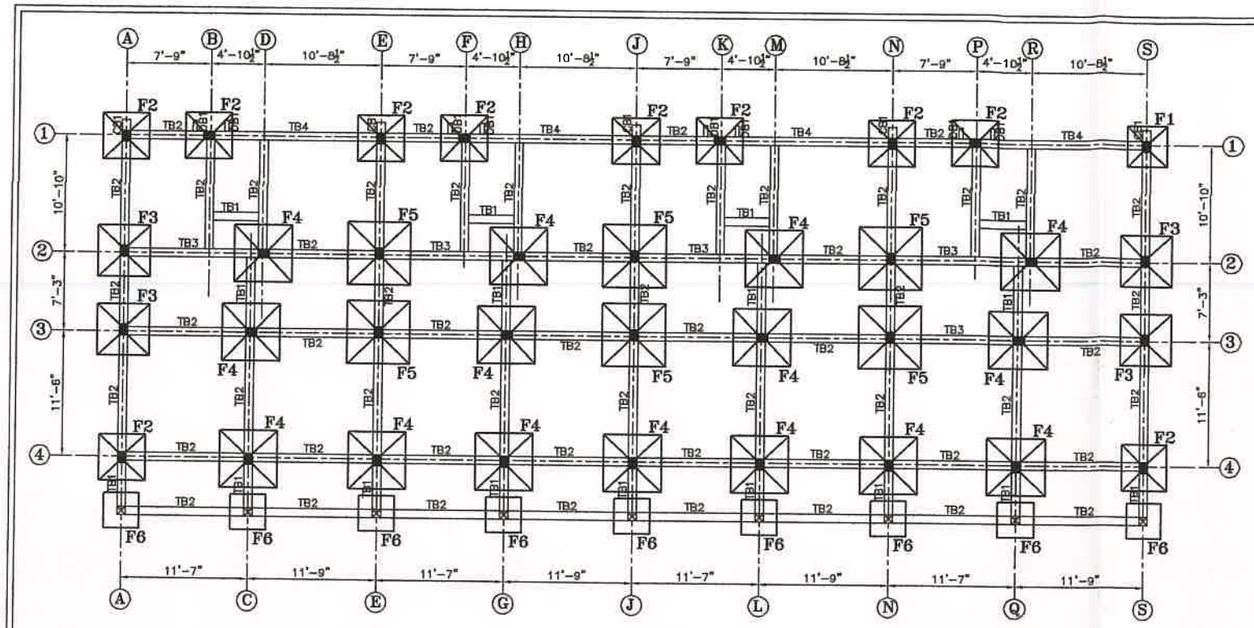
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DRAWN	CHITRA		DATE	24-09-2024

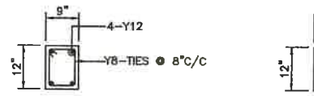
STRUCTURAL CONSULTANTS:

C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

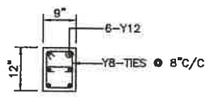
C.KANNAN, B.E., M.E.(STRUCTURE)
DOOR NO:21, PLOT NO:257-W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannankds2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

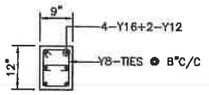




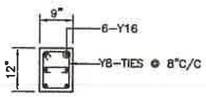
COL–F1



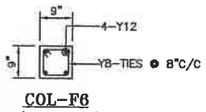
COL–F2



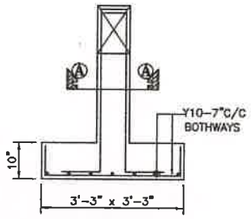
COL–F3&F4



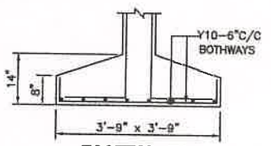
COL–F5



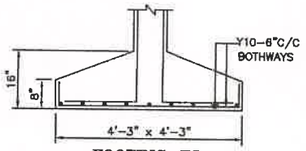
COL–F6
(SECTION A A)



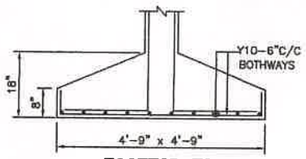
FOOTING–F6



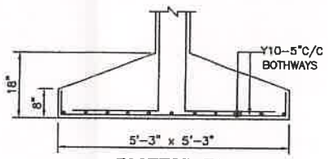
FOOTING–F1



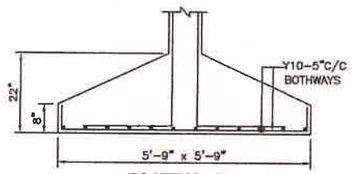
FOOTING–F2



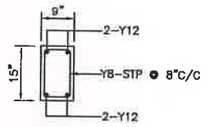
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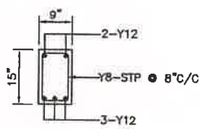
FOOTING–F4



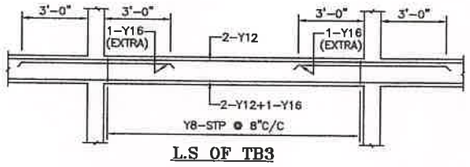
FOOTING–F5



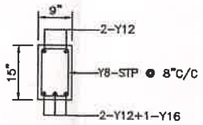
C.S OF TB1



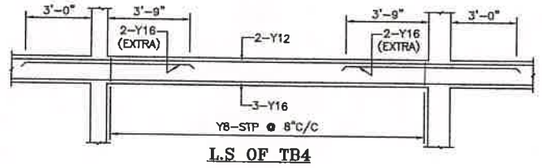
C.S OF TB2



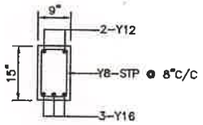
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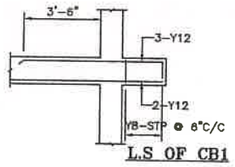
C.S OF TB3



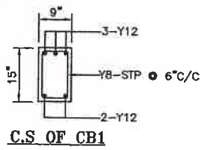
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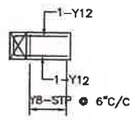
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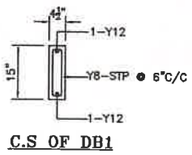
L.S OF CB1



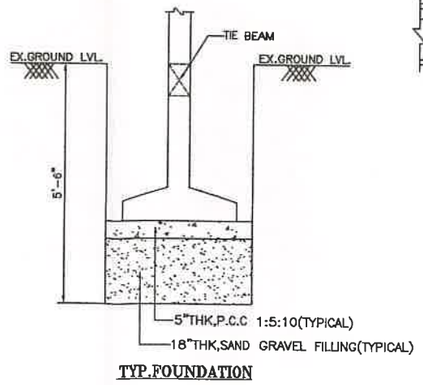
C.S OF CB1



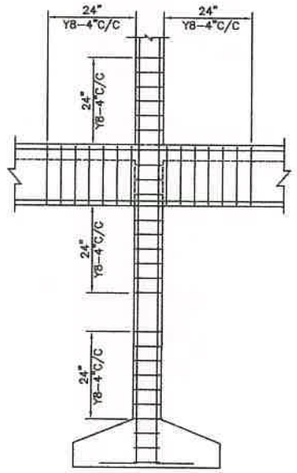
L.S OF DB1



C.S OF DB1



TYP.FOUNDATION



TYP. SEC. FOR
STP. DETAILS

Notes:–

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. ——— Bottom Reinforcement
7. ----- Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided In Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever prope should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893–2016 code.
15. Removal of formworks :
    I) For Slabs :
    a. Slabs spanning upto 4.5 m (15'–0") – 7 days
    b. Slabs spanning over 4.5 m (15'–0") – 14 days
    II) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'–0") –14days
    d. Beams and Arches spanning over 6 m (20'–0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK–12 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD–G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

FOUNDATION DETAIL

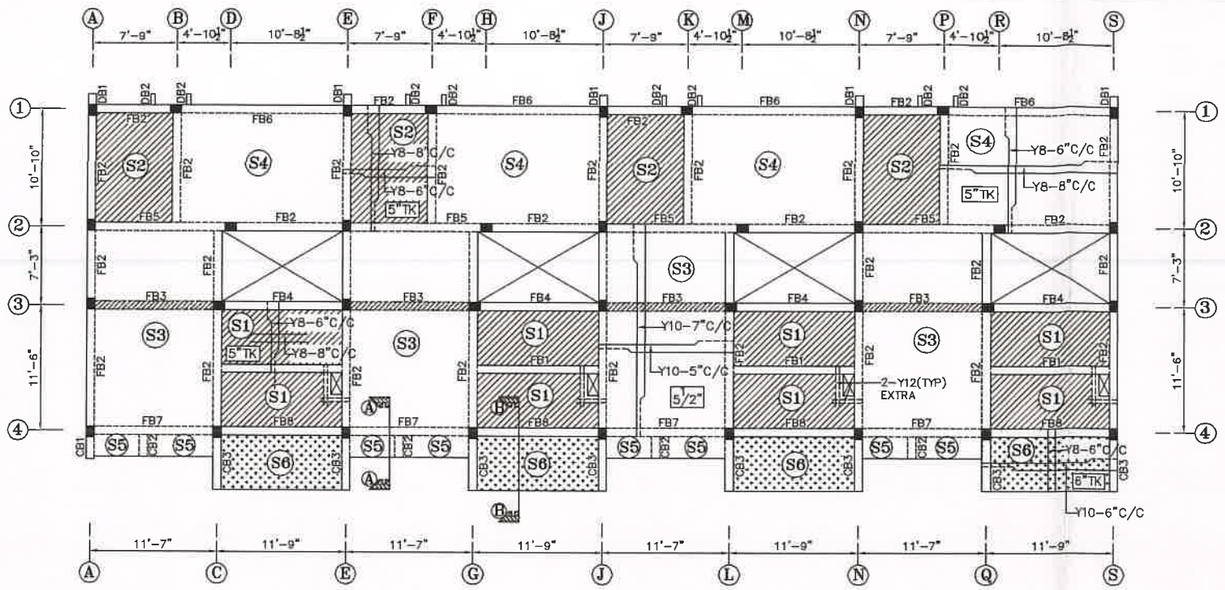
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	CHITRA		DATE	24–09–2024

STRUCTURAL CONSULTANTS:

C.KANNAN, B.E.,M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No:84, 4th Main Road,
Indira Nagar, Chennai-600 020.

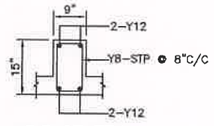
C.KANNAN, B.E.,M.E.,(STRUCTURE)
DOOR NO:21, PLOT NO:207 "W"
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI–20.
MOBILE NO: 098412 49815.
E–MAIL:kannankds2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

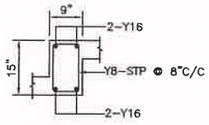


= 10" SUNKEN

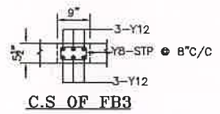
= BEAM BOTTOM SUNKEN



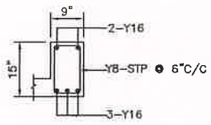
C.S OF FB1



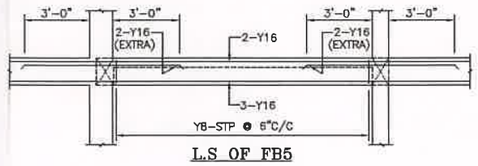
C.S OF FB2



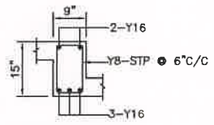
C.S OF FB3



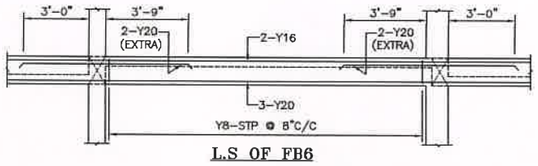
C.S OF FB4



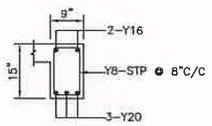
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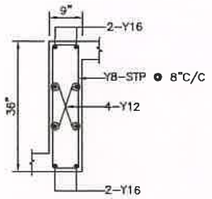
C.S OF FB5



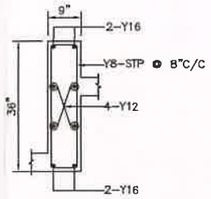
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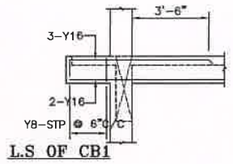
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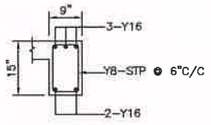
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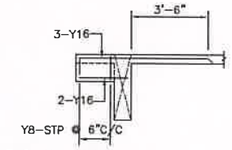
C.S OF FB8



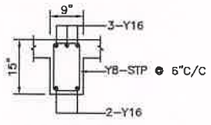
L.S OF CB1



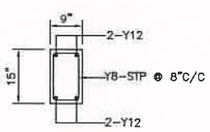
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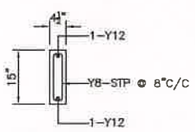
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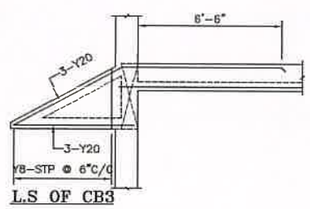
C.S OF CB2



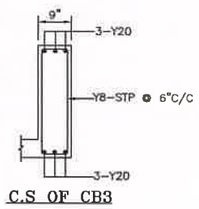
C.S OF DB1



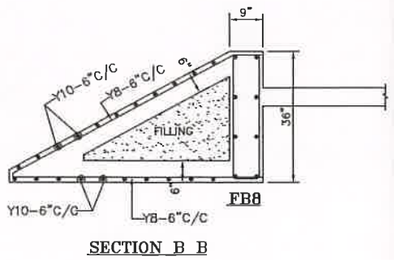
C.S OF DB2



L.S OF CB3

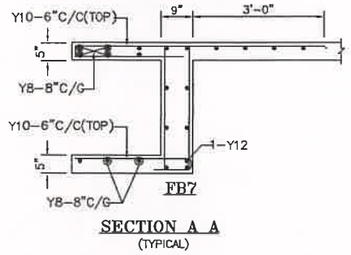


C.S OF CB3

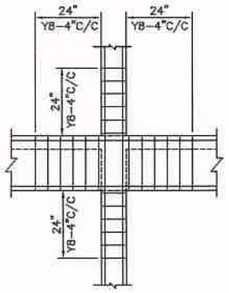


FB8

SECTION B B



SECTION A A
(TYPICAL)



TYP. SEC. FOR
STP. DETAILS

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    - i) For Slabs :
    - a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    - b. Slabs spanning over 4.5 m (15'-0") – 14 days
    - ii) For Beams and Arches :
    - c. Beams and Arches spanning upto 6 m (20'-0") –14days
    - d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-12 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

GROUND FLOOR ROOF DETAIL

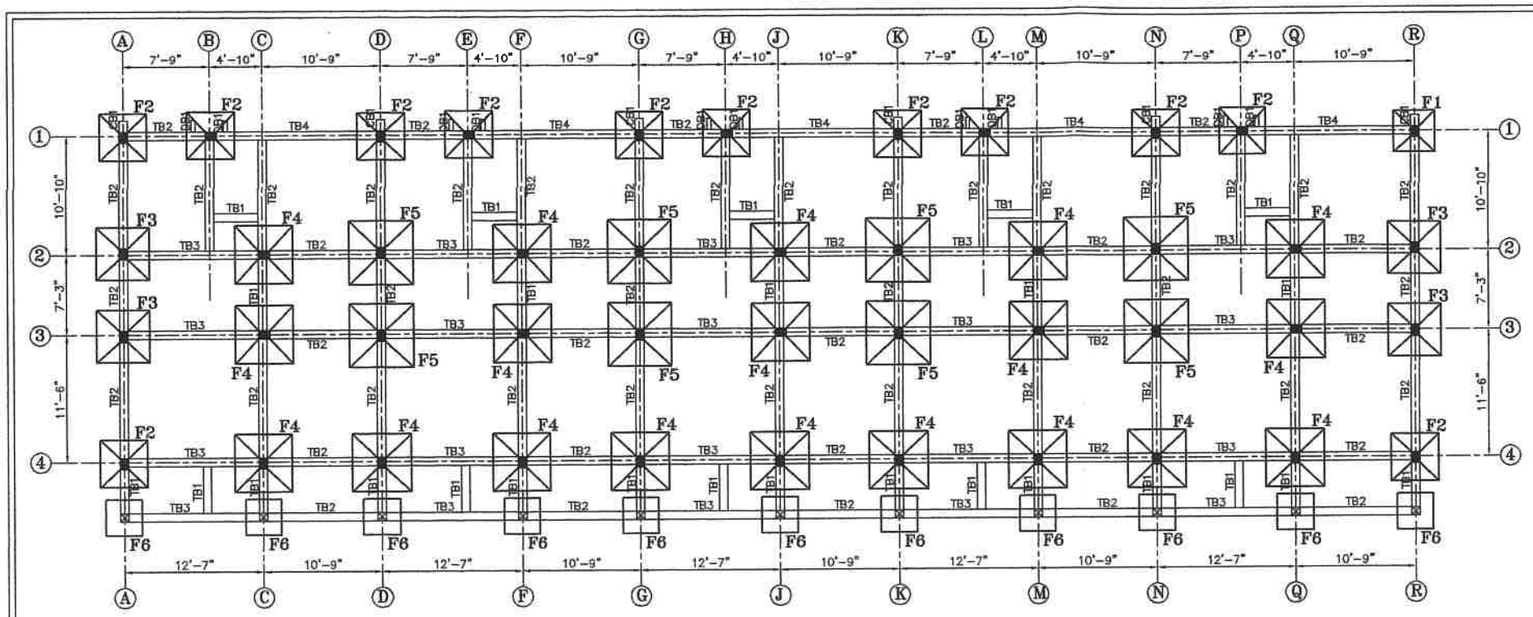
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	CHITRA		DATE	24-09-2024

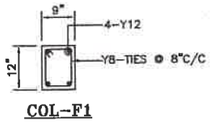
STRUCTURAL CONSULTANTS:

C.KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No. 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

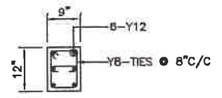
C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:257-W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannankds2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

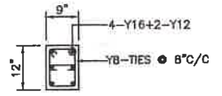




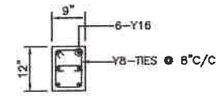
COL-F1



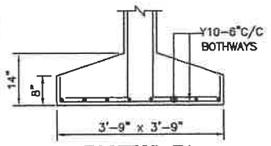
COL-F2



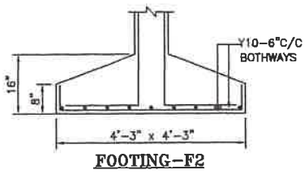
COL-F3&F4



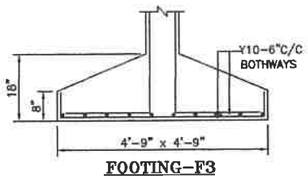
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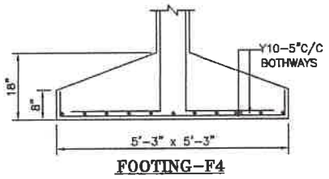
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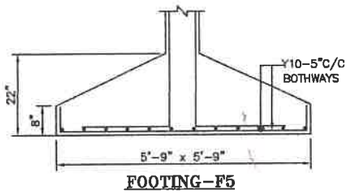
FOOTING-F2



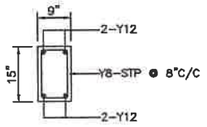
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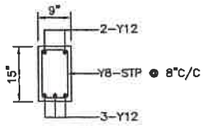
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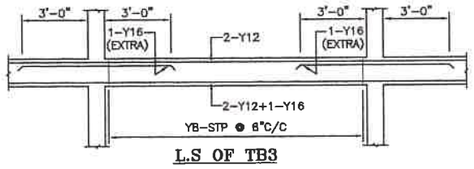
FOOTING-F5



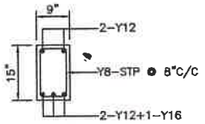
C.S OF TB1



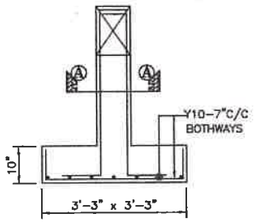
C.S OF TB2



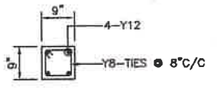
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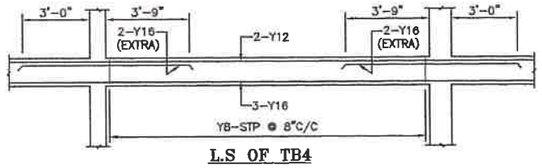
C.S OF TB3



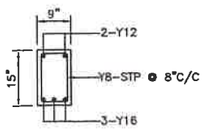
FOOTING-F6



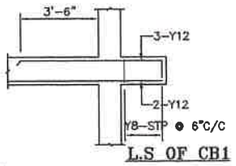
COL-F6
(SECTION A A)



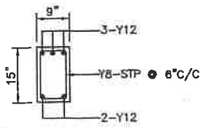
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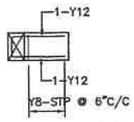
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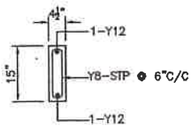
L.S OF CB1



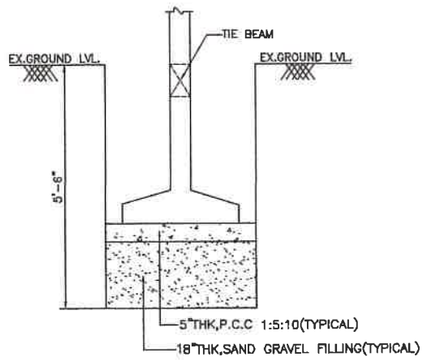
C.S OF CB1



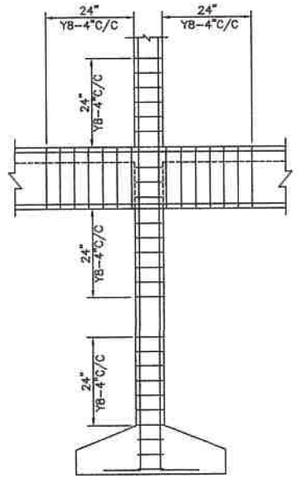
L.S OF DB1



C.S OF DB1



TYP.FOUNDATION



TYP. SEC. FOR
STP. DETAILS

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. ——— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893–2016 code.
15. Removal of formworks :
    - i) For Slabs :
    - a. Slabs spanning upto 4.5 m (15'–0") – 7 days
    - b. Slabs spanning over 4.5 m (15'–0") – 14 days
    - ii) For Beams and Arches :
    - c. Beams and Arches spanning upto 6 m (20'–0") –14days
    - d. Beams and Arches spanning over 6 m (20'–0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK–13 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD–G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

FOUNDATION DETAIL

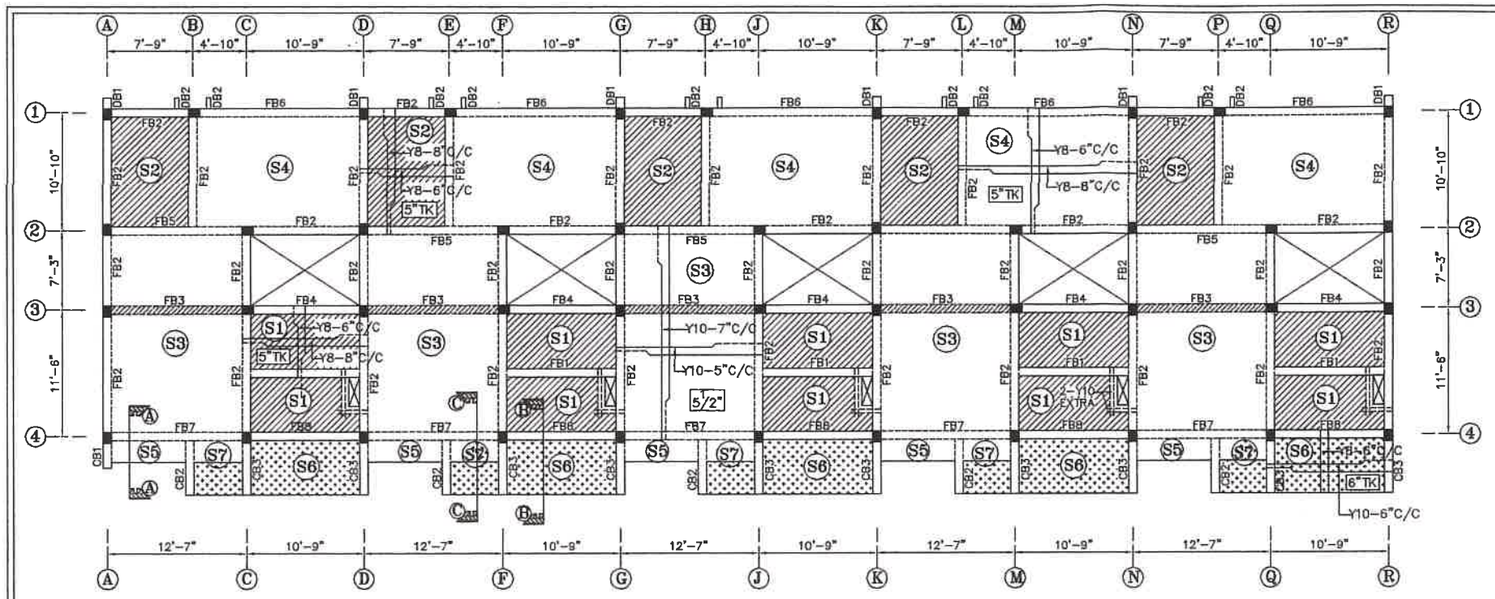
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DRAWN	CHITRA		DATE	24–09–2024

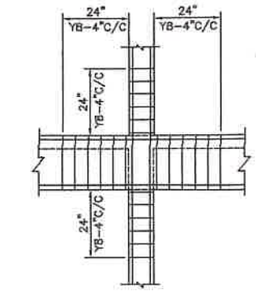
STRUCTURAL CONSULTANTS:

C.KANNAN, B.E.,M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

C.KANNAN B.E., M.E(STRUCTURE),
DOOR NO:21, PLOT NO:257–W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI–20.
MOBILE NO: 098412 48815.
E–MAIL:kannanks2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

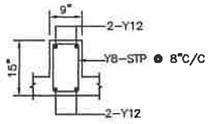




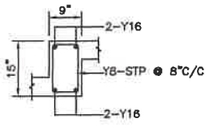
TYP. SEC. FOR STP. DETAILS

= 10" SUNKEN

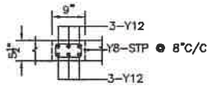
= BEAM BOTTOM SUNKEN



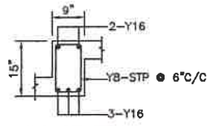
C.S OF FB1



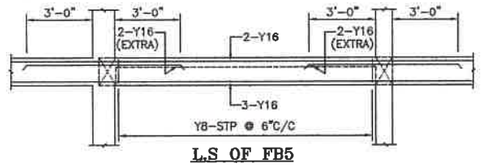
C.S OF FB2



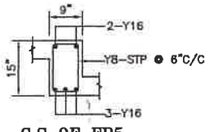
C.S OF FB3



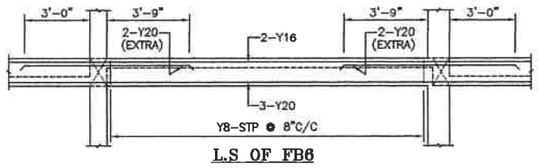
C.S OF FB4



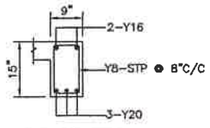
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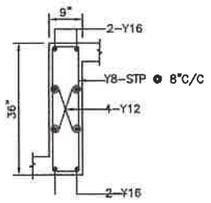
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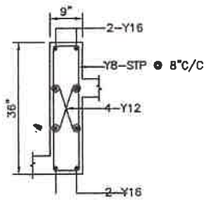
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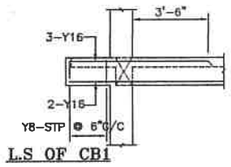
C.S OF FB6



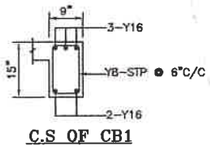
C.S OF FB7



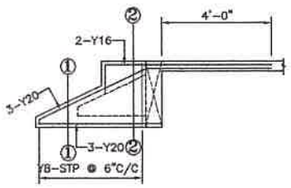
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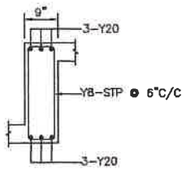
L.S OF CB1



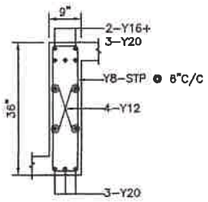
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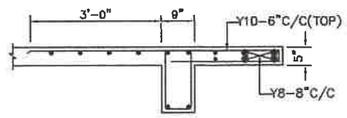
L.S OF CB2



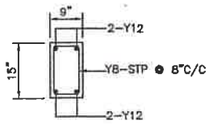
C.S OF CB2
(SECTION 1 1)



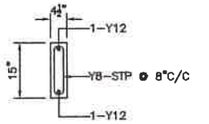
C.S OF CB2
(SECTION 2 2)



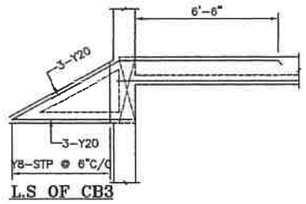
SECTION A A
(TYPICAL)



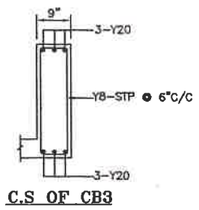
C.S OF DB1



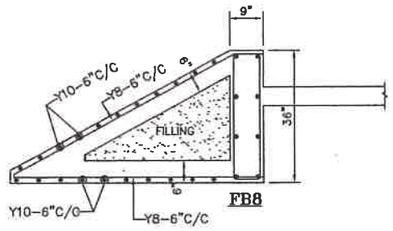
C.S OF DB2



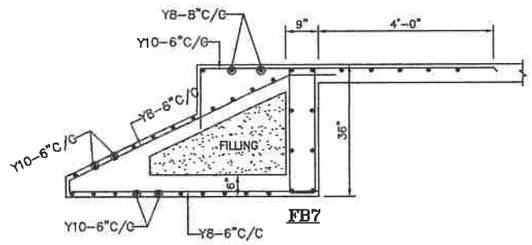
L.S OF CB3



C.S OF CB3



SECTION B B



SECTION C C

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. ——— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893–2016 code.
15. Removal of formworks :
    - I) For Slabs :
      - a. Slabs spanning upto 4.5 m (15'–0") – 7 days
      - b. Slabs spanning over 4.5 m (15'–0") – 14 days
    - II) For Beams and Arches :
      - c. Beams and Arches spanning upto 6 m (20'–0") –14days
      - d. Beams and Arches spanning over 6 m (20'–0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK–13 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD–G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

GROUND FLOOR ROOF DETAIL

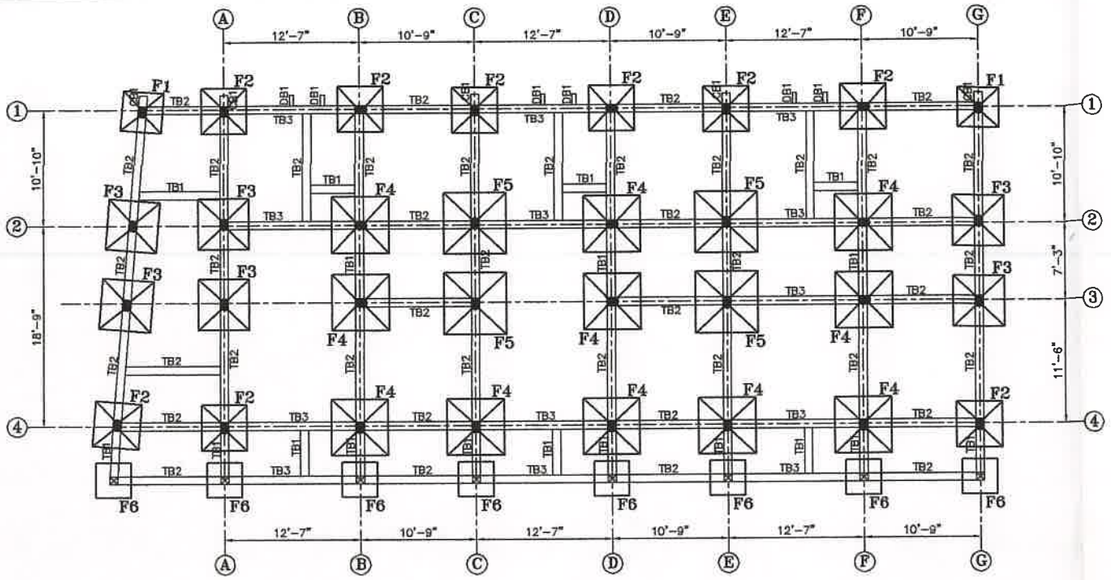
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DRAWN	CHITRA		DATE	24–09–2024

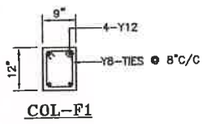
STRUCTURAL CONSULTANTS:

C.KANNAN, B.E.,M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
No.21, 4th Main Road,
Indira Nagar, Chennai-600 020.

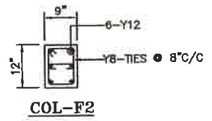
C.KANNAN, B.E.,M.E.(STRUCTURE)
DOOR NO:21, 4th MAIN ROAD,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI–20.
MOBILE NO: 098412 49815.
E–MAIL:kannankds2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

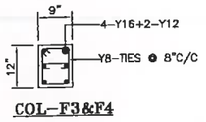




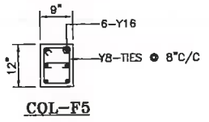
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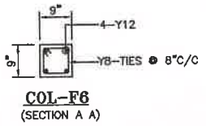
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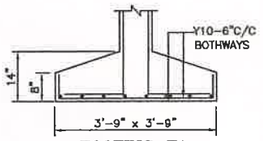
COL-F3&F4



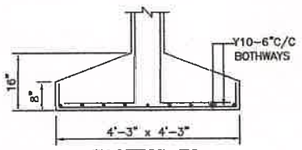
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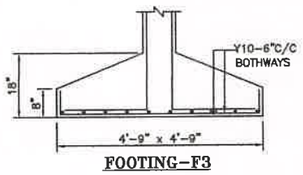
COL-F6
(SECTION A A)



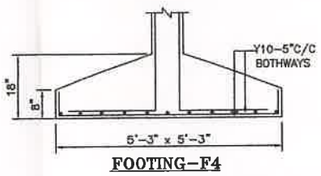
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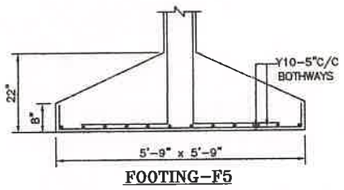
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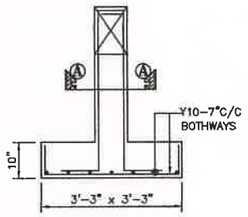
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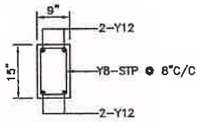
FOOTING-F4



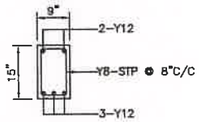
FOOTING-F5



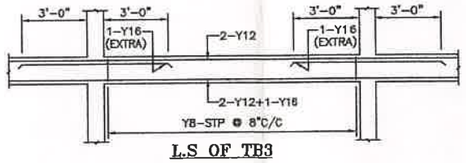
FOOTING-F6



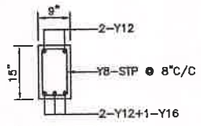
C.S OF TB1



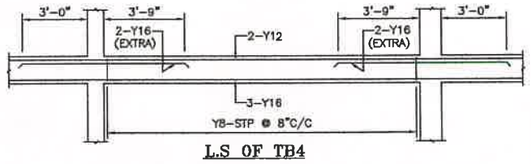
C.S OF TB2



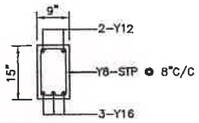
L.S OF TB3



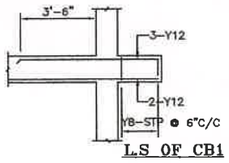
C.S OF TB3



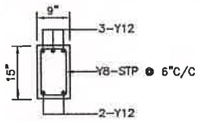
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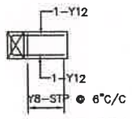
C.S OF TB4



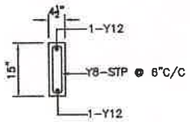
L.S OF CB1



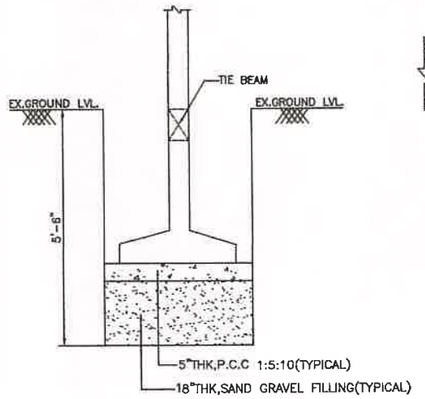
C.S OF CB1



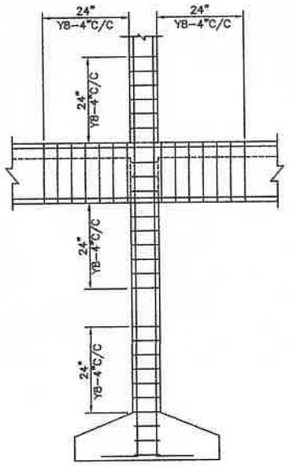
L.S OF DB1



C.S OF DB1



TYP.FOUNDATION



TYP. SEC. FOR
STP. DETAILS

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. *Clear cover to the main steel*
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ----- Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893–2016 code.
15. Removal of formworks :

    I) For Slabs :
    a. Slabs spanning upto 4.5 m (15'–0") – 7 days
    b. Slabs spanning over 4.5 m (15'–0") – 14 days

    II) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'–0") –14days
    d. Beams and Arches spanning over 6 m (20'–0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK–14 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD–G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

FOUNDATION DETAIL

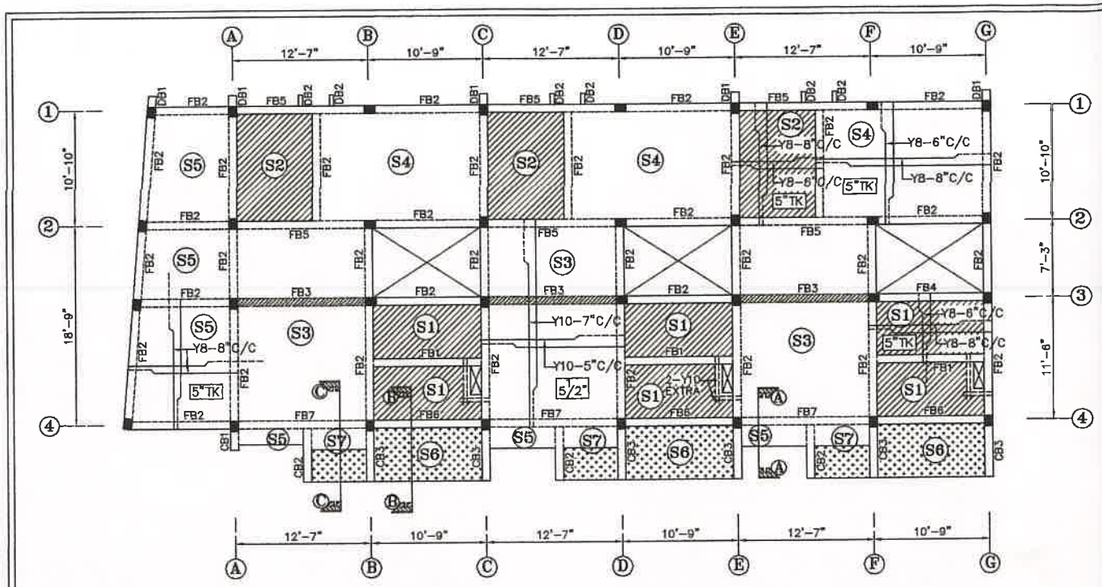
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DRAWN	CHITRA		DATE	19-09-2024

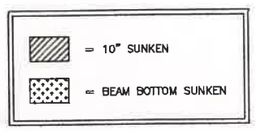
STRUCTURAL CONSULTANTS:

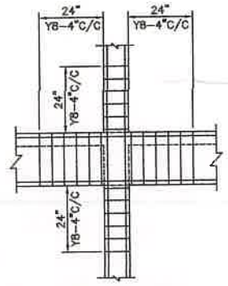
C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:257–W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI–20.
MOBILE NO: 098412 49815.
E–MAIL:ikannankda2007@gmail.com

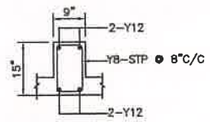
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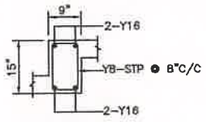




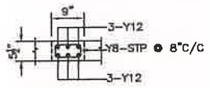
TYP. SEC. FOR STP. DETAILS



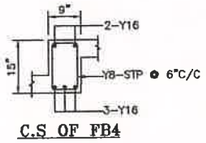
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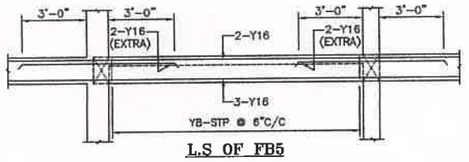
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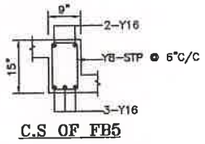
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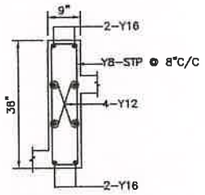
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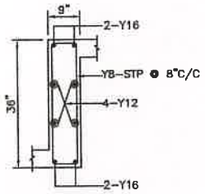
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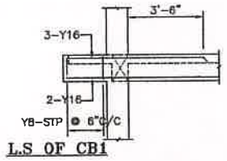
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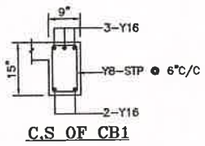
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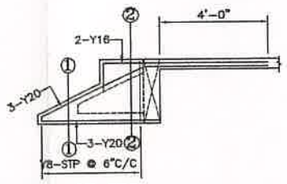
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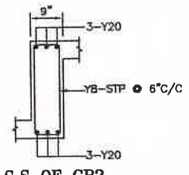
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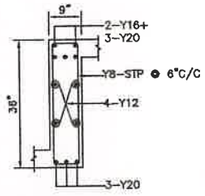
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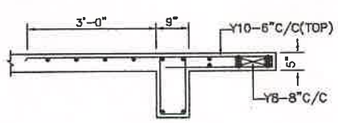
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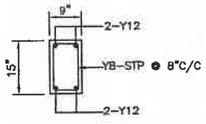
C.S OF CB2
(SECTION 1 1)



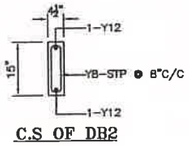
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(SECTION 2 2)



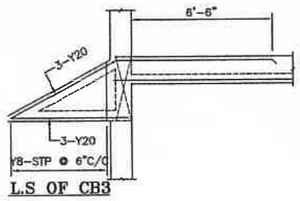
SECTION A A
(TYPICAL)



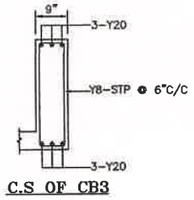
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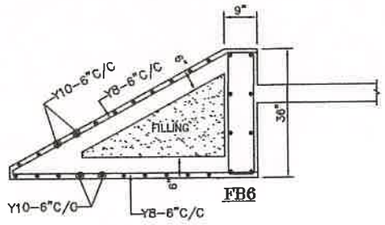
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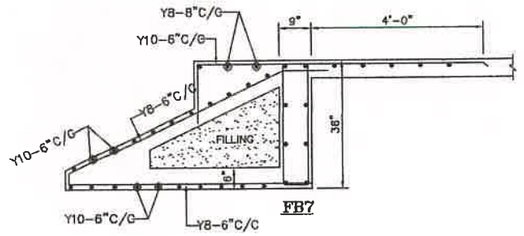
L.S OF CB3



C.S OF CB3



SECTION B B



SECTION C C

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. *Clear cover to the main steel*
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ----- Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided In Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    - i) For Slabs :
    - a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    - b. Slabs spanning over 4.5 m (15'-0") – 14 days
    - ii) For Beams and Arches :
    - c. Beams and Arches spanning upto 6 m (20'-0") –14days
    - d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-14 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

GROUND FLOOR ROOF DETAIL

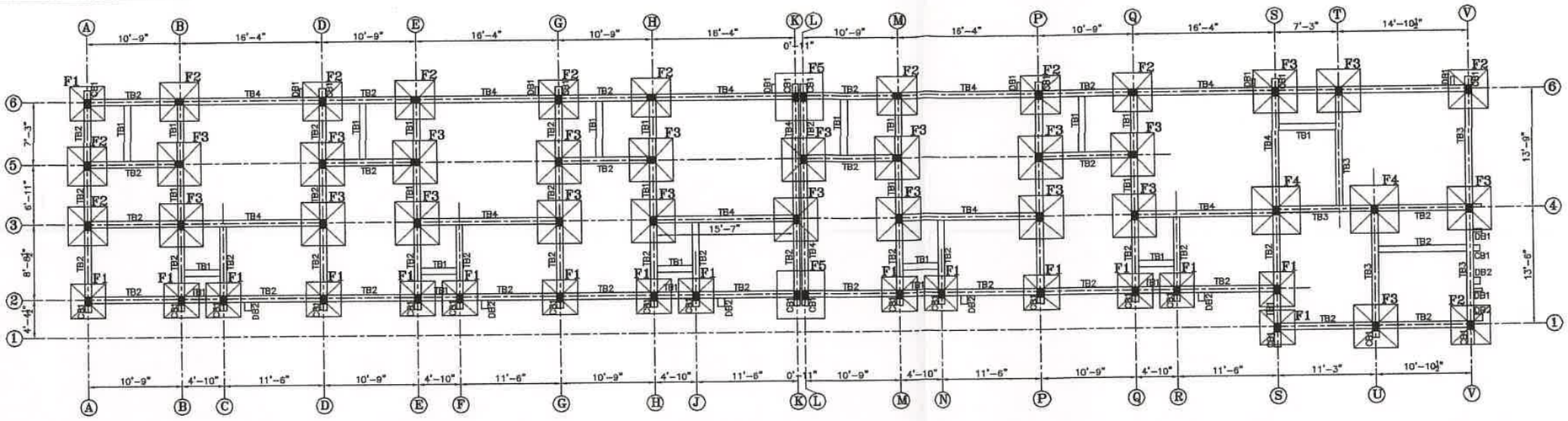
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	CHITRA		DATE	19-09-2024

STRUCTURAL CONSULTANTS:

C.KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/00047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

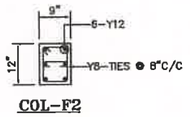
C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:257-W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannankds2007@gmail.com

FILE NAME : D/CHITRA/CORPORATION/VGN

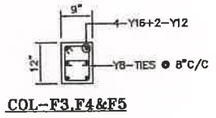




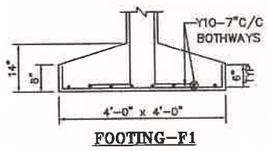
COL-F1



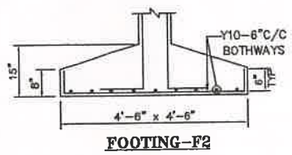
COL-F2



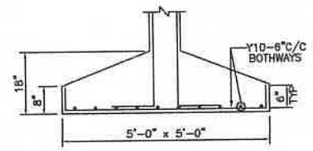
COL-F3,F4&F5



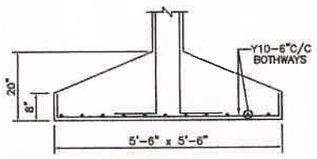
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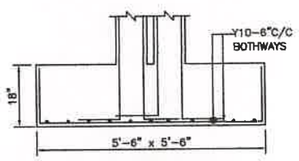
FOOTING-F2



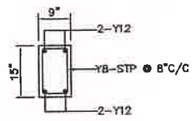
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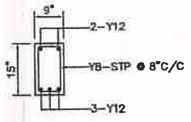
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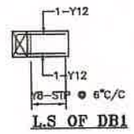
FOOTING-F5



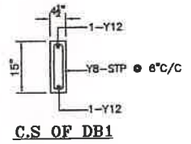
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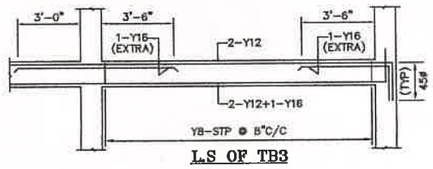
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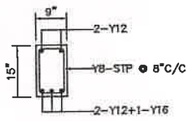
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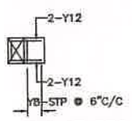
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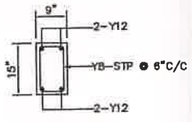
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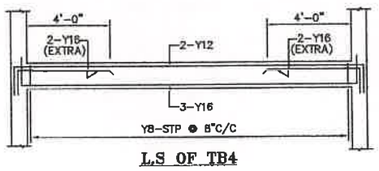
C.S OF TB3



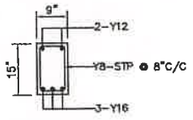
L.S OF DB2



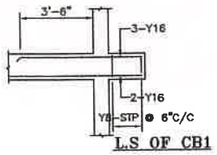
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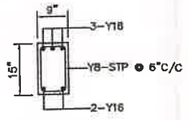
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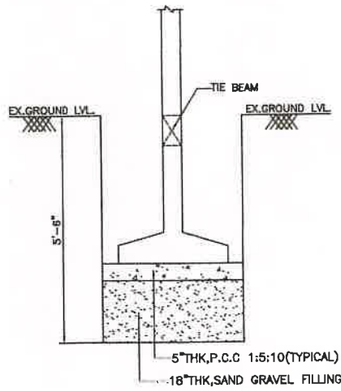
C.S OF TB4



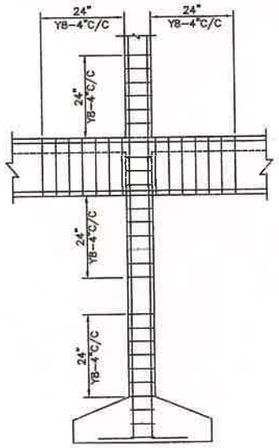
L.S OF CB1



C.S OF CB1



TYP.FOUNDATION



TYP. SEC. FOR STP. DETAILS

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintal & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus two upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    - I) For Slabs :
    - a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    - b. Slabs spanning over 4.5 m (15'-0") – 14 days
    - II) For Beams and Arches :
    - c. Beams and Arches spanning upto 8 m (20'-0") –14days
    - d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-15 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

FOUNDATION DETAIL

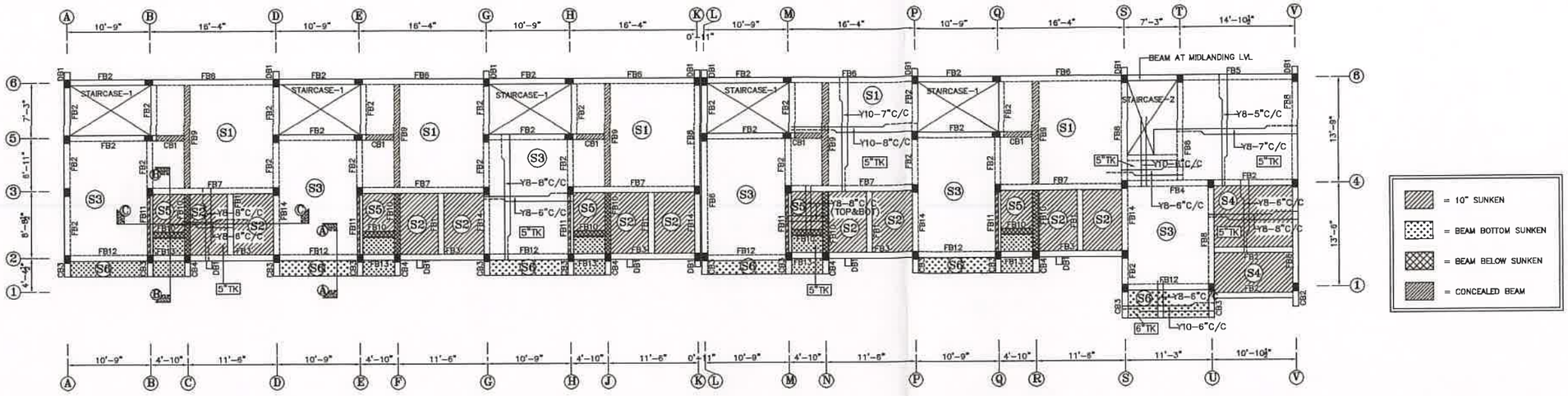
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	CHITRA		DATE	19-08-2024

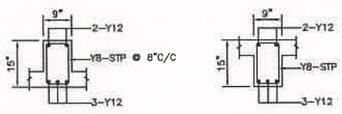
STRUCTURAL CONSULTANTS:

C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:257-W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannankds2007@gmail.com

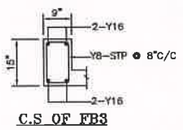
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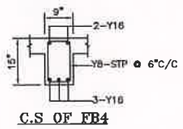


C.S OF FB1

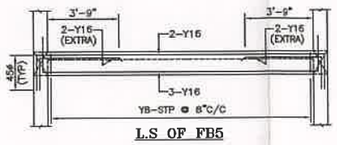
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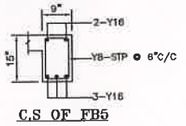
C.S OF FB3



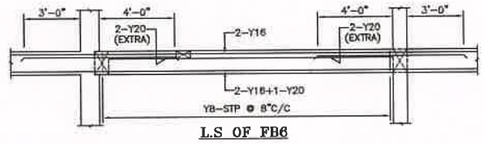
C.S OF FB4



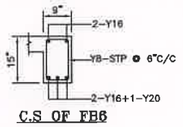
L.S OF FB5



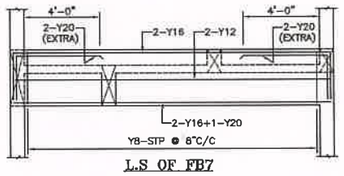
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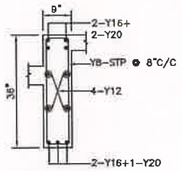
L.S OF FB6



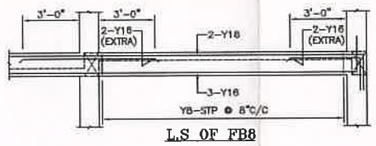
C.S OF FB6



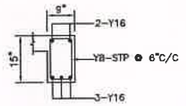
L.S OF FB7



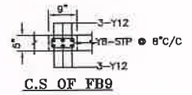
C.S OF FB7
(SECTION 2 2)



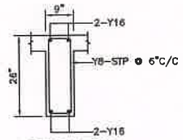
L.S OF FB8



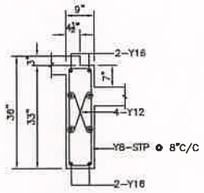
C.S OF FB8



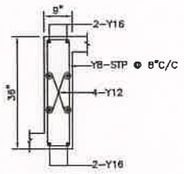
C.S OF FB9



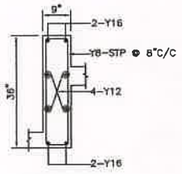
C.S OF FB10
(BELOW SUNKEN SLAB)



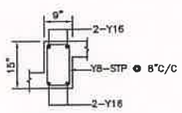
C.S OF FB11



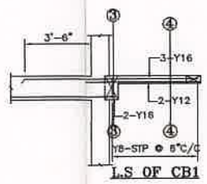
C.S OF FB12



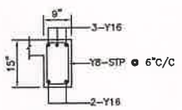
C.S OF FB13



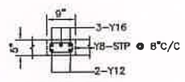
C.S OF FB14



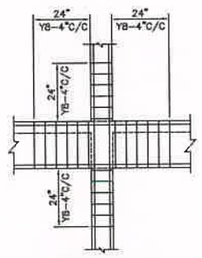
L.S OF CB1



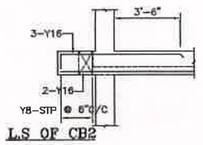
C.S OF CB1
(SECTION 3 3)



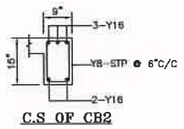
C.S OF CB1
(SECTION 4 4)



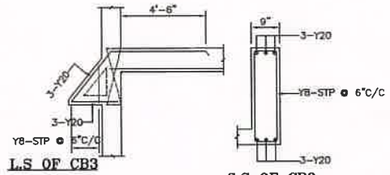
TYP. SEC. FOR
STP. DETAILS



L.S OF CB2

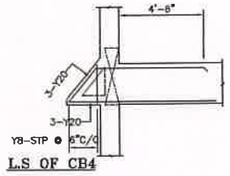


C.S OF CB2

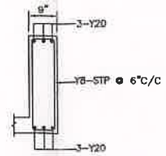


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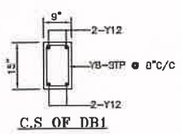
C.S OF CB3



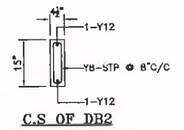
L.S OF CB4



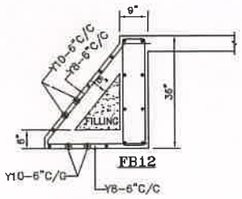
C.S OF CB4



C.S OF DB1

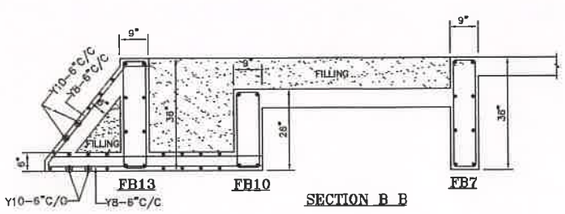


C.S OF DB2



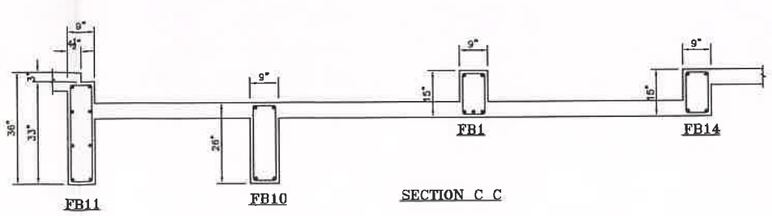
FB12

SECTION A A



FB13 FB10 FB7

SECTION B B



FB11 FB10 FB1 FB14

SECTION C C

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. ——— Bottom Reinforcement
7. ----- Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 cs Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus two upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    I) For Slabs :
    a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    b. Slabs spanning over 4.5 m (15'-0") – 14 days
    II) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'-0") –14days
    d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-15 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

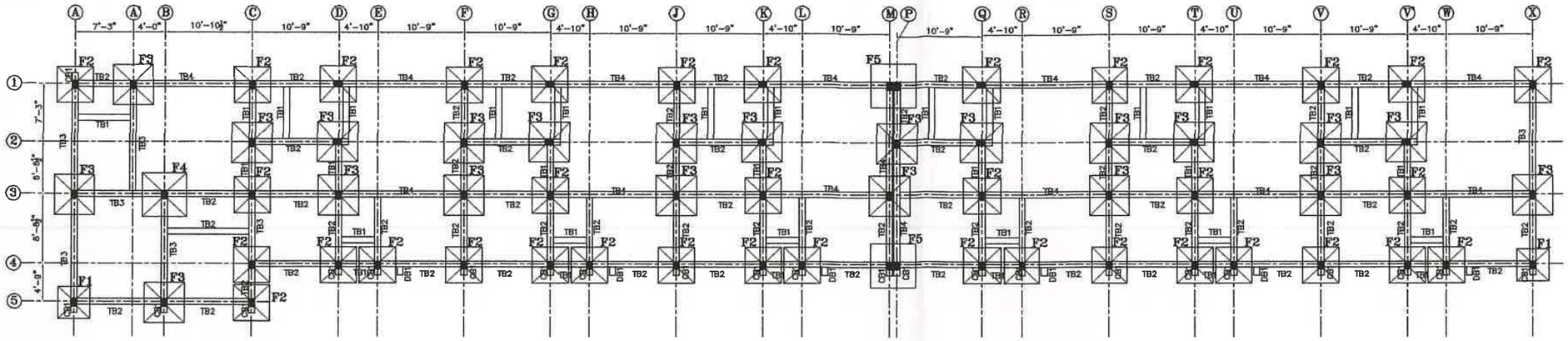
GROUND FLOOR ROOF DETAIL

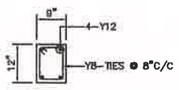
DESIGNED	KANNAN	SCALE	1 : 100
DRAWN	CHITRA	DATE	19-09-2024

STRUCTURAL CONSULTANTS:

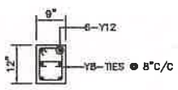
C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.
C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:257-W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannankds2007@gmail.com

FILE NAME : D/CHITRA/VGN/VGN-BLOCK-2(EAST FACING)

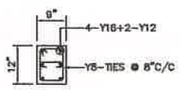




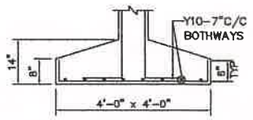
COL-F1



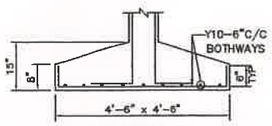
COL-F2



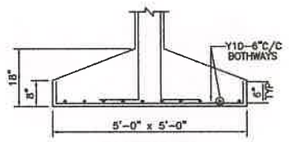
COL-F3,F4&F5



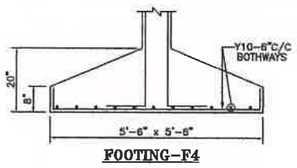
FOOTING-F1



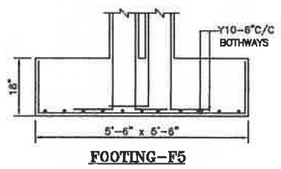
FOOTING-F2



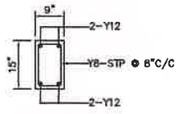
FOOTING-F3



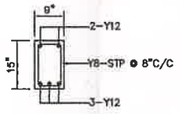
FOOTING-F4



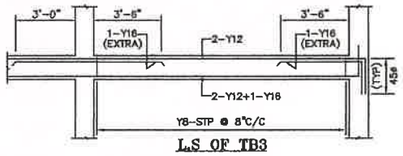
FOOTING-F5



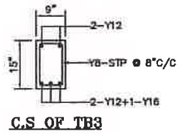
C.S OF TB1



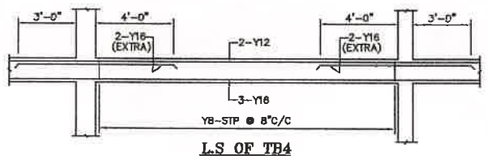
C.S OF TB2



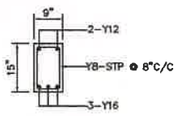
L.S OF TB3



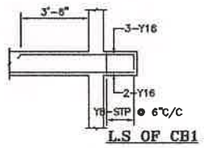
C.S OF TB3



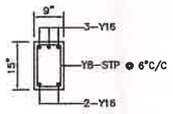
L.S OF TB4



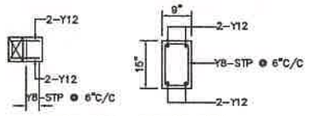
C.S OF TB4



L.S OF CB1

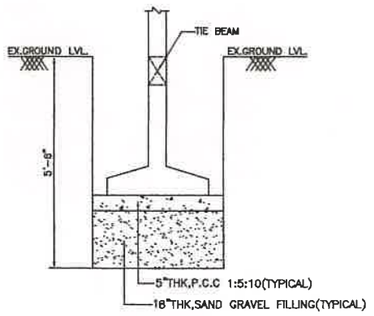


C.S OF CB1

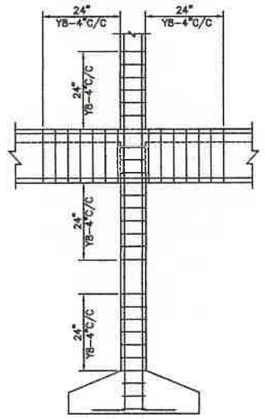


L.S OF DB1

C.S OF DB1



TYP.FOUNDATION



TYP. SEC. FOR STP. DETAILS

RNO	DATE	DESCRIPTION

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TORSO Steel confirming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    I) For Slabs :
    a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    b. Slabs spanning over 4.5 m (15'-0") – 14 days
    II) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'-0") –14days
    d. Beams and Arches spanning over 6 m (20'-0") –21days

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK-16 AT BLACK BERRY STREET, CHERRY BLOSSOM STREET ON NORTHERN SIDE AND ORECHID STREET, VILINJIAMBAKKAM VILLAGE, CHENNAI, COMPRISED IN S.NO: 35/1A, 35/1B, 35/2, 35/4, 44/1PT, 44/2, 45/1, 45/2PT, 47/1, T.S.NO:7/14, 7/16PT, 9/1PT OF BLOCK NO:21, WARD-G OF VILINJIAMBAKKAM VILLAGE, WITH IN THE LIMITS OF AVADI MUNICIPALITY.

FOUNDATION DETAIL

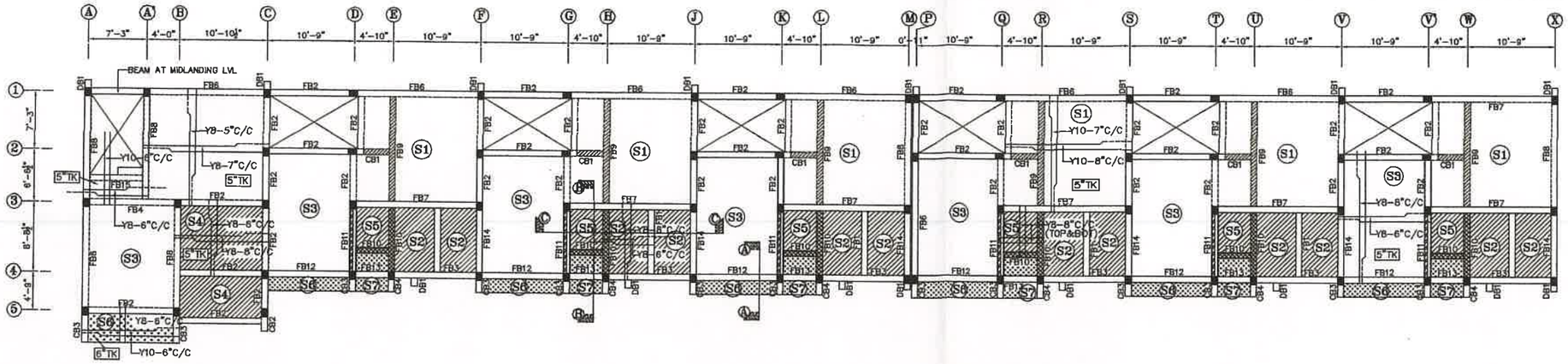
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	CHITRA		DATE	24-09-2024

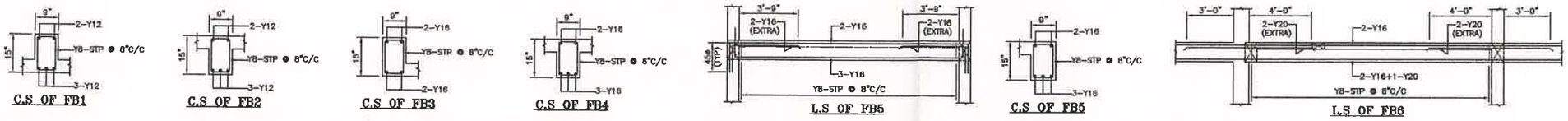
STRUCTURAL CONSULTANTS:

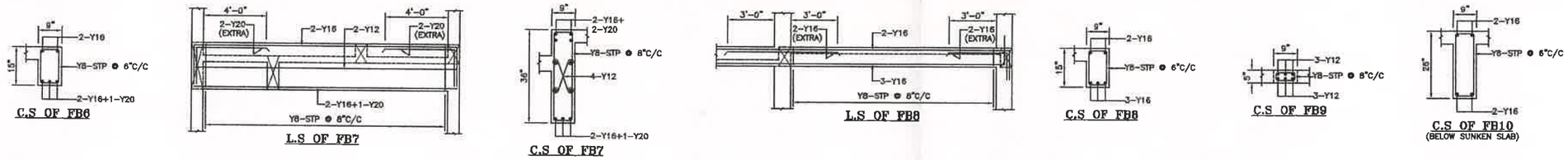
C.KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai - 600 020.

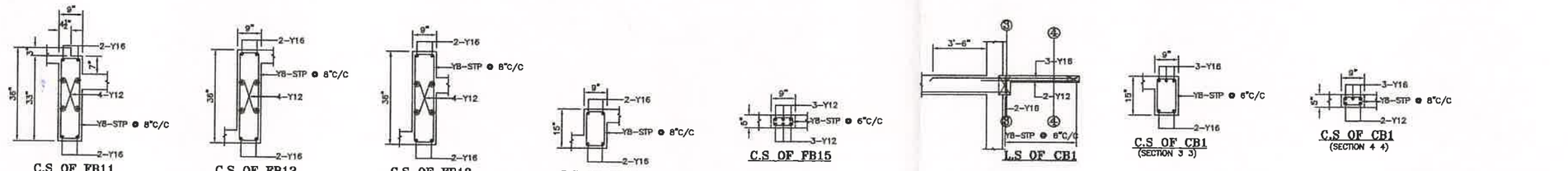
C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:237-A,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannanskds2007@gmail.com

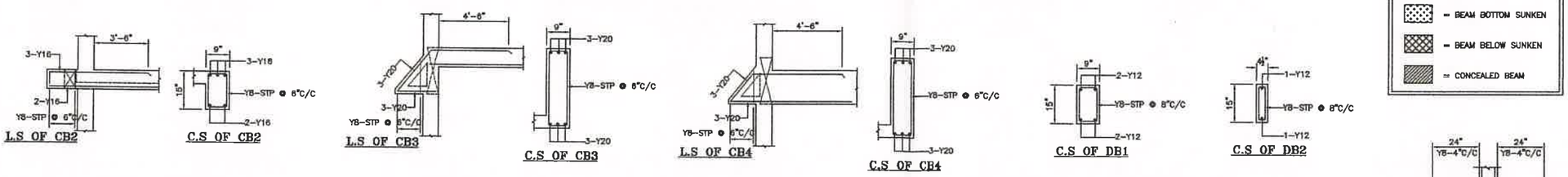
FILE NAME : D/CHITRA/CORPORATION/VON

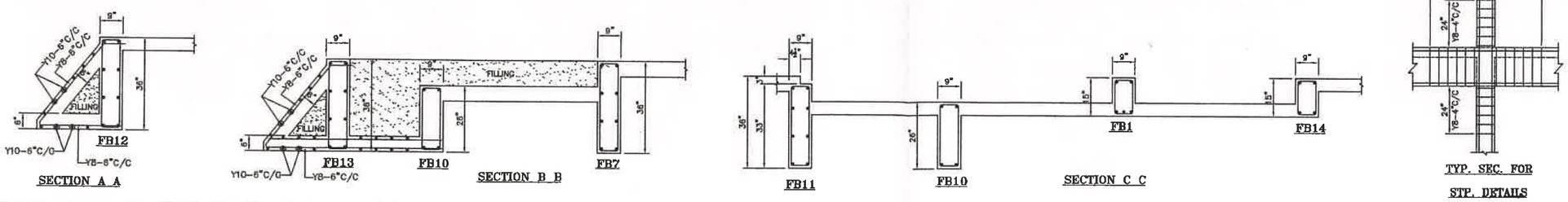












R.NO	DATE	DESCRIPTION

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR50 Steel conforming to I.S. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 on Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Ground plus One upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :

    i) For Slabs :
    a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    b. Slabs spanning over 4.5 m (15'-0") – 14 days

    ii) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'-0") –14days
    d. Beams and Arches spanning over 6 m (20'-0") –21days

PROJECT

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GROUND FLOOR ROOF DETAIL

DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	CHITRA		DATE	24-09-2024

STRUCTURAL CONSULTANTS:

C.KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai - 600 020.

C.KANNAN B.E., M.E.(STRUCTURE)
DOOR NO:21, 4th MAIN ROAD,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
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FILE NAME : D/CHITRA/CORPORATION/VGN

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Smarter Tools, Stronger Decisions

Property Valuation & Cost Estimation

Guideline Value, Apartment Composite Value, Stamp Duty & Registration Fees Calculator, Building Value Calculator, Capital Gains Calculator, Area Unit Converter, Length Unit Converter

Ownership, Compliance & Legal Verification

Encumbrance Certificate (EC) Search, Find Your SRO, Temple Property Check, WAQF Property Check, View Patta/Chitta, View FMB, Patta Analyzer, EC Analyzer

Zoning & Land Use Analysis

Land Use Zone Finder, CRZ Zone Check, Aquifer Zone Check, CBA Check, EWS Check, Road Width Check, Proposed Road Widening Check, FSI Calculator

Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

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We're honored to be part of your
real estate journey

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