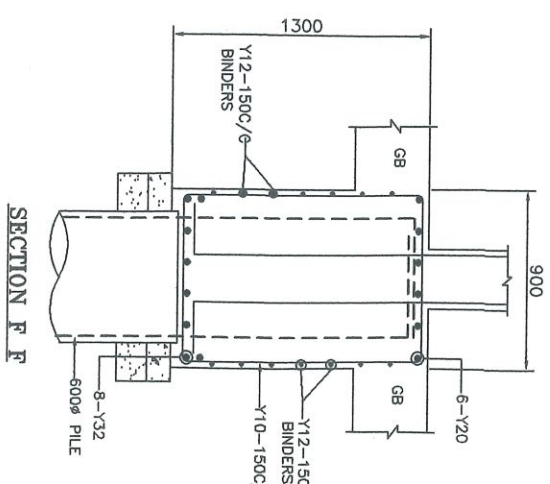
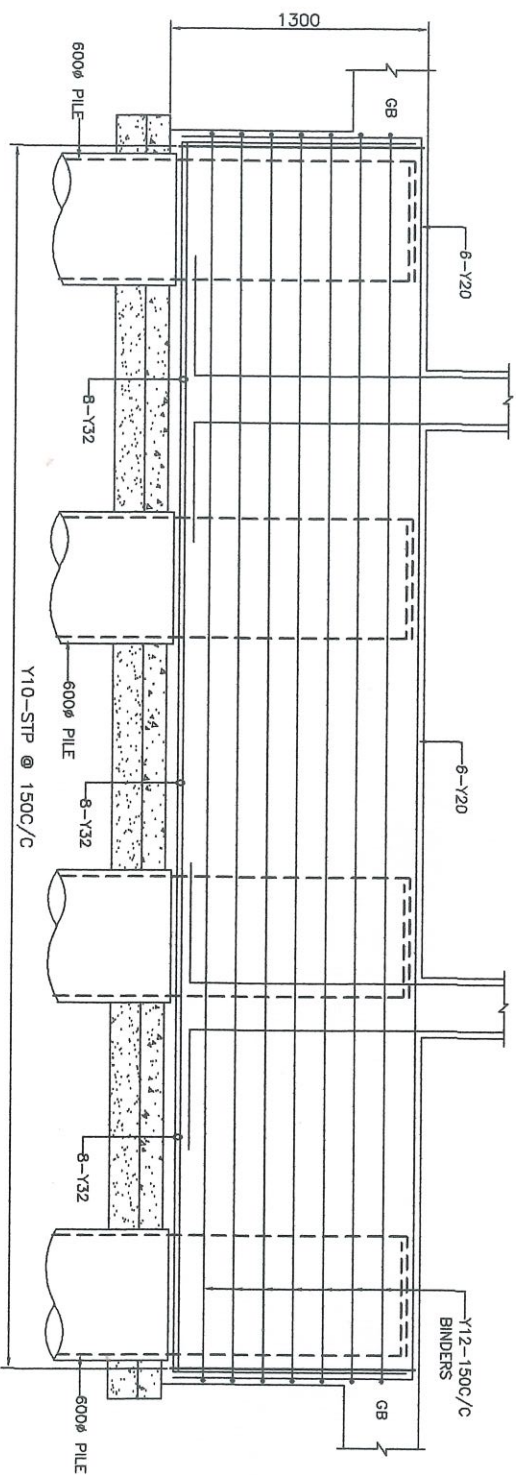
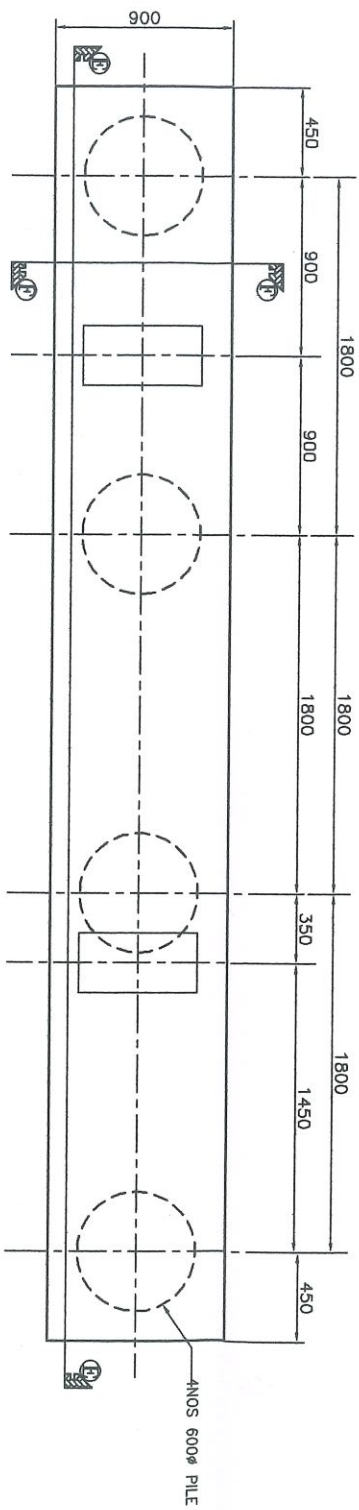
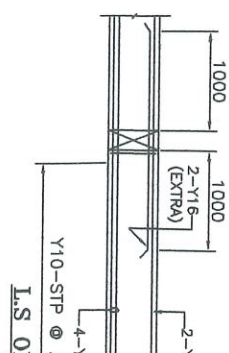
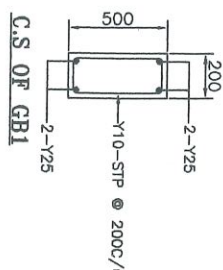
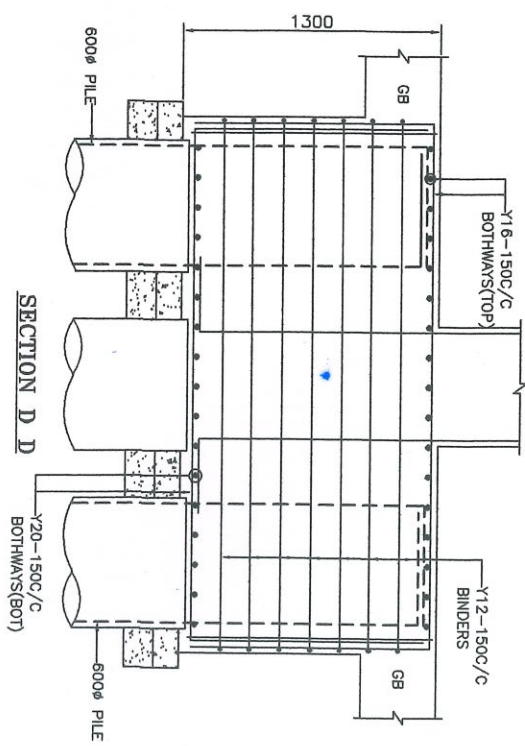
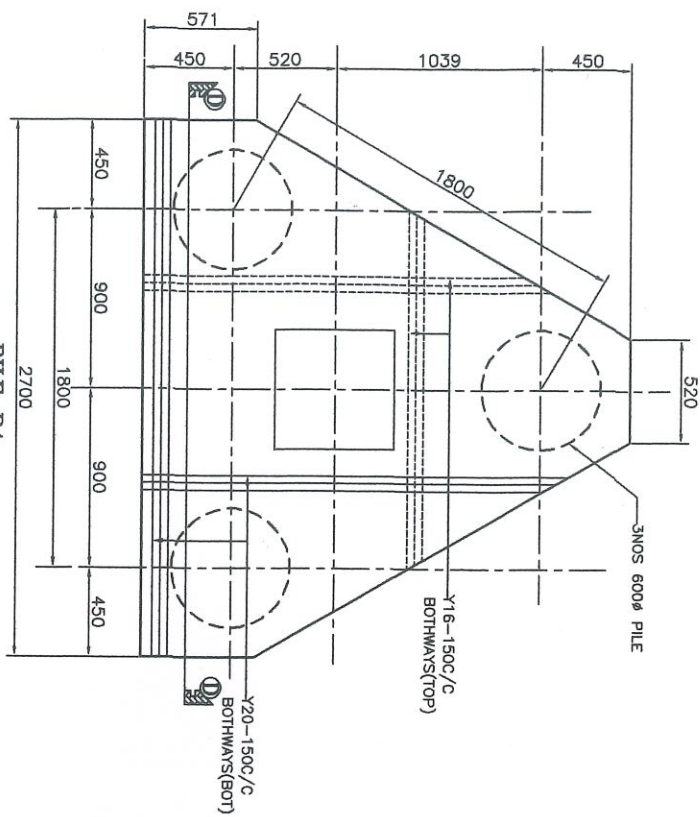
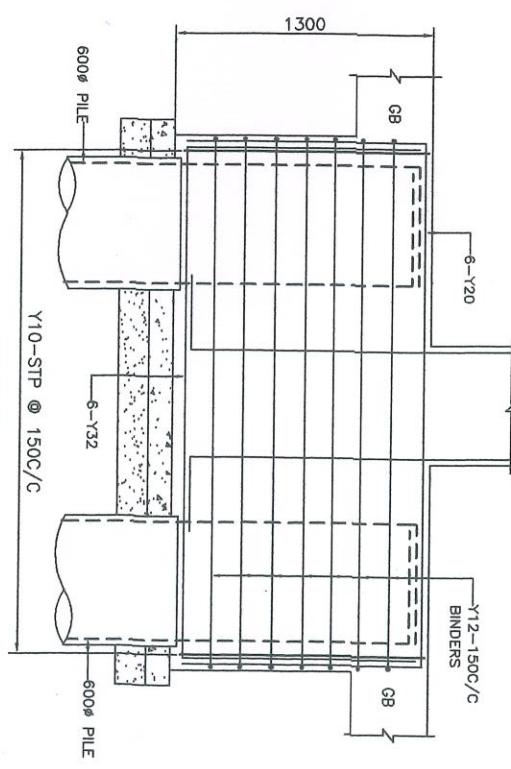
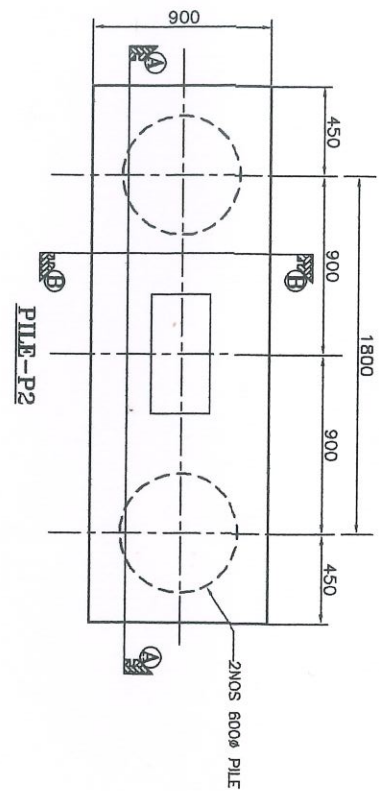
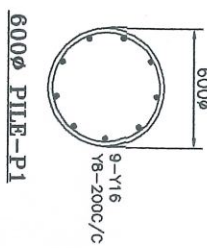
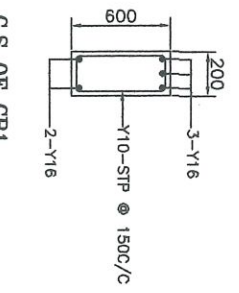
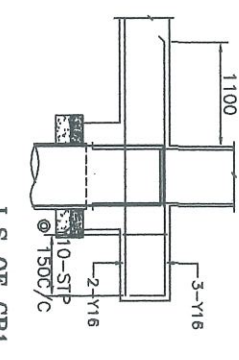
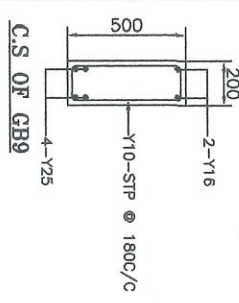
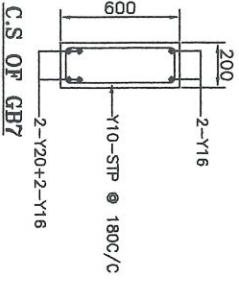
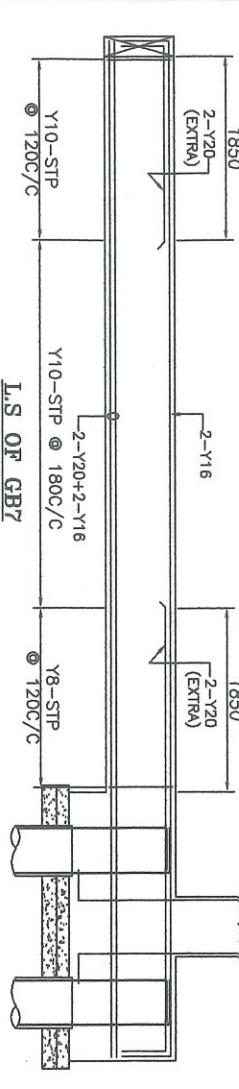
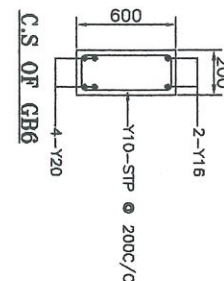
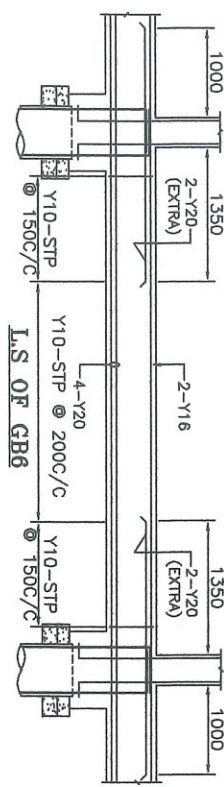
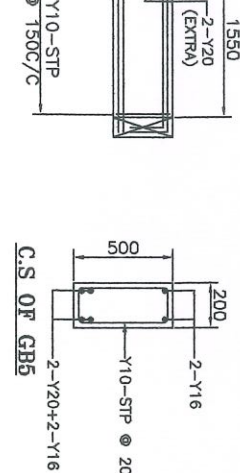
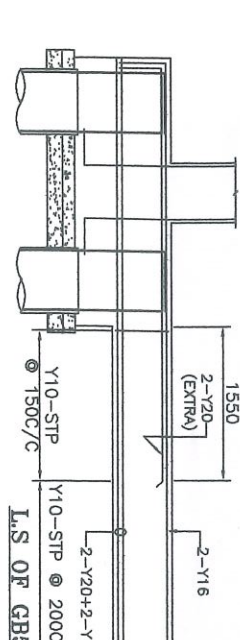
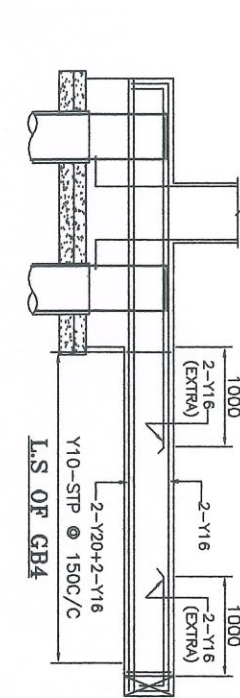
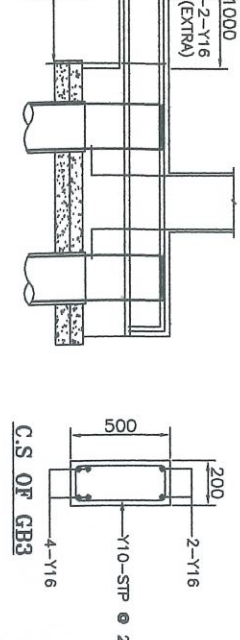
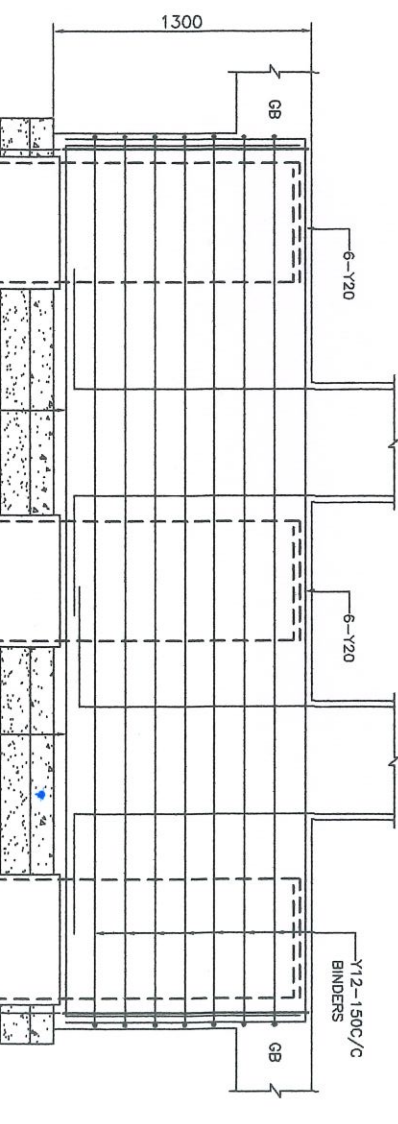
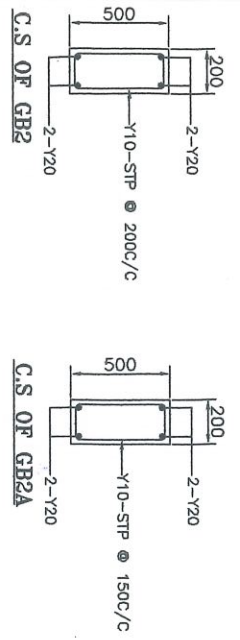
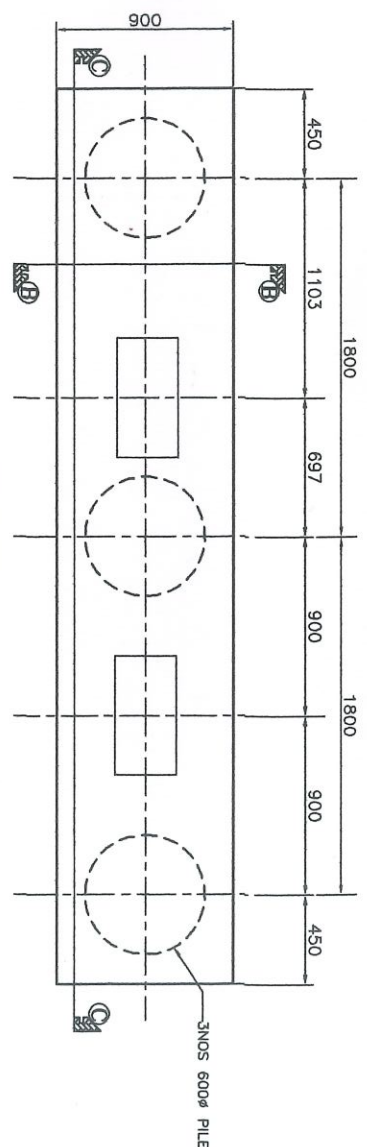
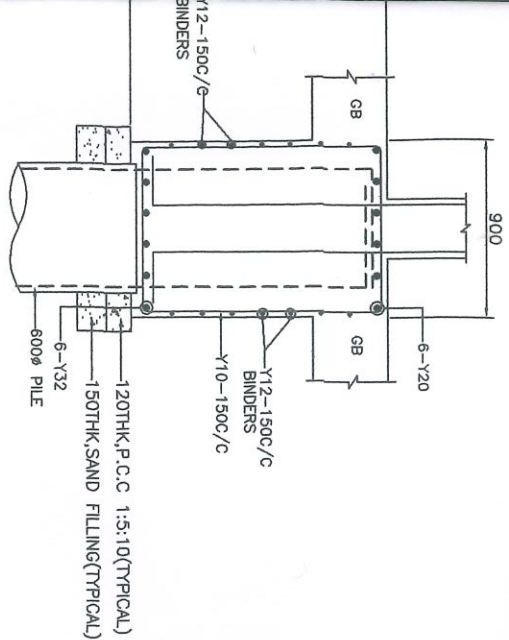




RNO	DATE	DESCRIPTION

Notes:-

- This drawing should be read along with architectural drawings.
- Grade of R.C.C. items shall be M30. Grade of pile elements shall be M30 with minimum cement content 400 kg/m³.
- Y Denotes TOR50 Steel conforming to IS 1786 - 1985. Grade - Fe 500.
- Clear cover to the main steel 60 for Pile & Pile cap 40 for Columns. 25 for Lintel & Beams. 20 for Slab/roofs & Slab.
- Lap length shall be 50 d (Max. dia) for all bars.
- Bottom Reinforcement
- Top Reinforcement
- Provide Continuous Chairs to keep the top Reinforcement in position
- Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
- Spacer Bar to be Provided in Between Two Layers of Reinforcement of Same Dia at Every 1000 C/C.
- Not more than 40% of Reinforcement shall be Lapped at any particular junction.
- Cast-in-place concrete should not be released until the roof is concreted.
- Foundation is designed for Ground plus five upper floor only.
- For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
- Removal of formworks :
 - For Slabs :
 - Slabs spanning upto 4.5 m (15'-0") - 7 days
 - Slabs spanning over 4.5 m (15'-0") - 14 days
 - For Beams and Arches :
 - Beams and Arches spanning upto 6 m (20'-0") - 14days
 - Beams and Arches spanning over 6 m (20'-0") - 21days
- Load carrying capacity of 600mm pile - 125t

PROJECT
PROPOSED RESIDENTIAL BUILDING
AT PAZHANDI AMMAN KOIL STREET,
ADAMBAKKAM, CHENNAI-600 088.
COMPRISED IN OLD S.NO.113/7,
T.S.NO.6/2 & 8, BLOCK NO.11,
WARD-G OF ADAMBAKKAM VILLAGE
WITHIN THE LIMITS OF GREATER
CHENNAI CORPORATION.

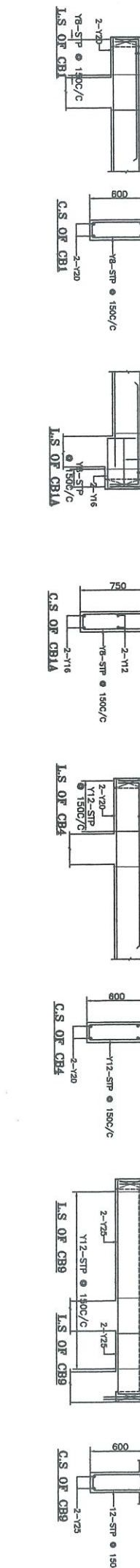
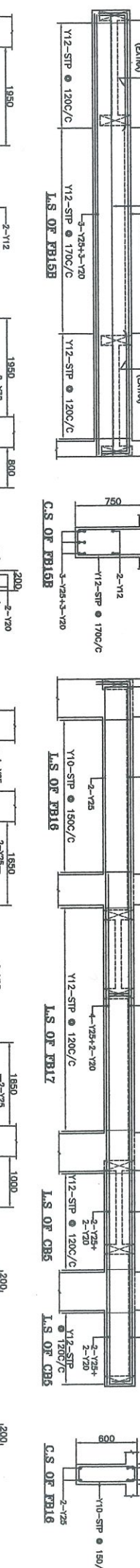
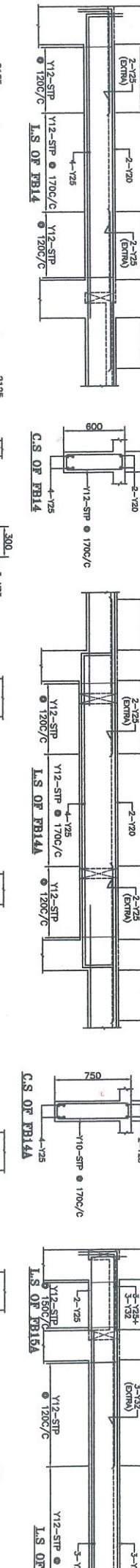
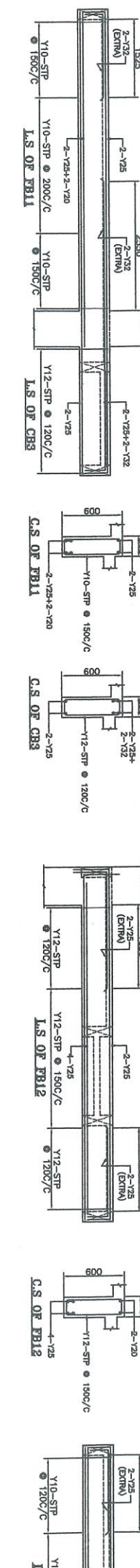
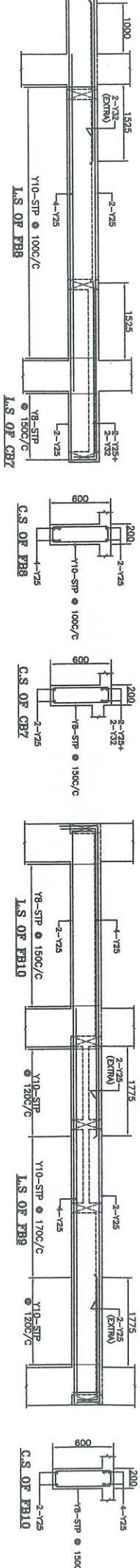
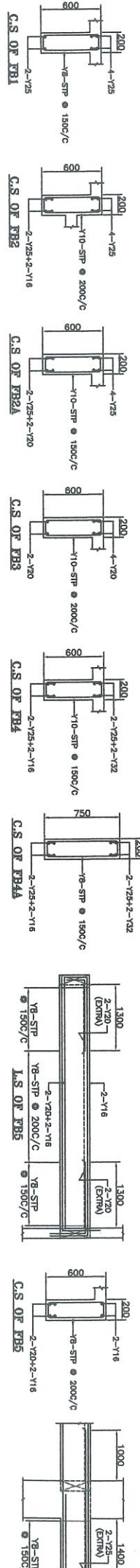
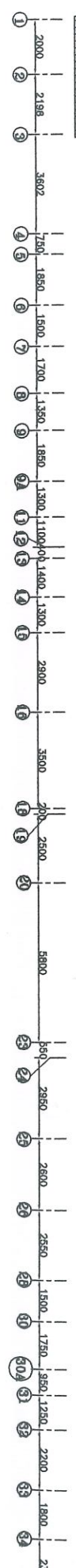
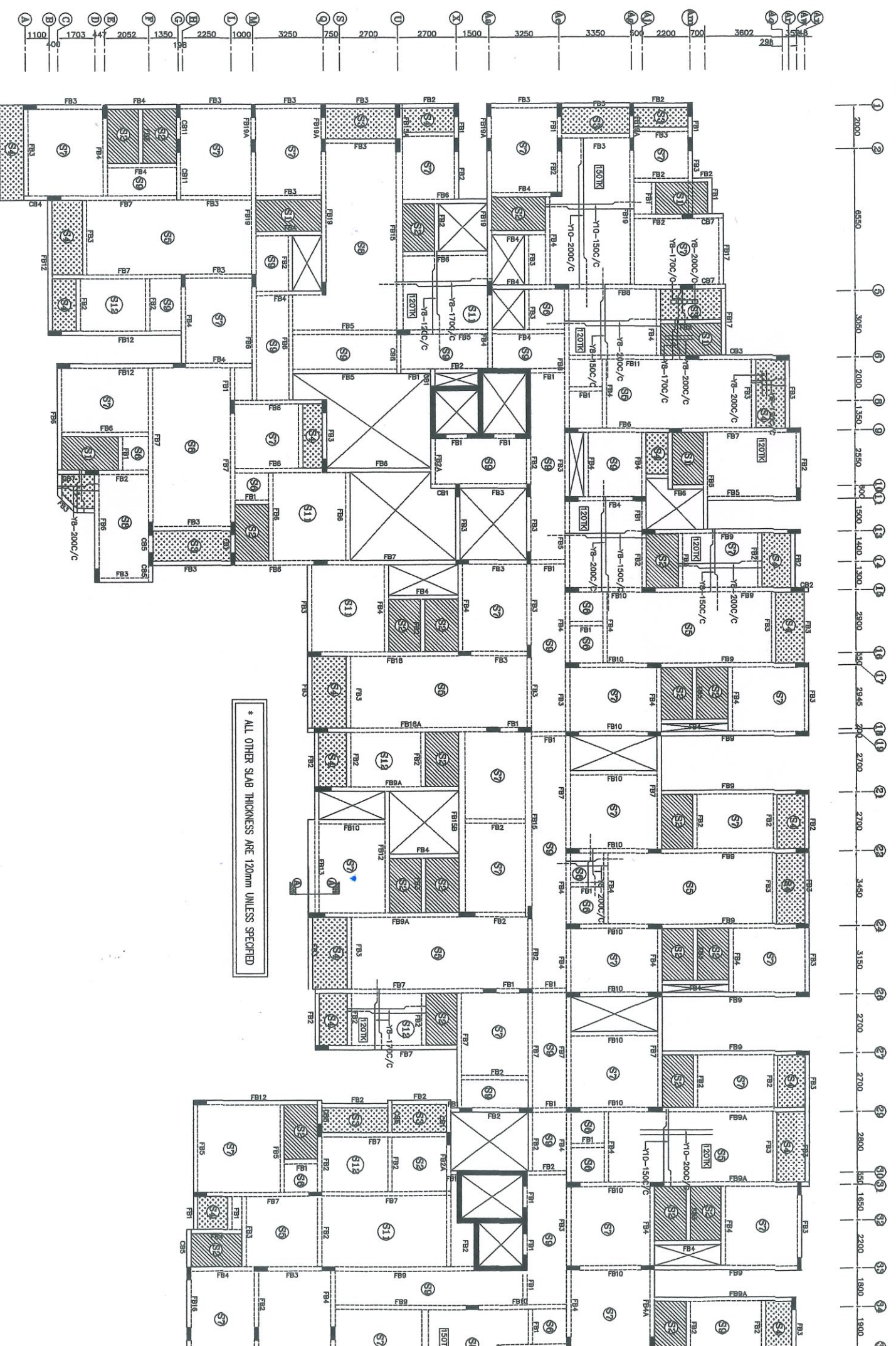
PILE CAP AND GRADE BEAM DETAIL

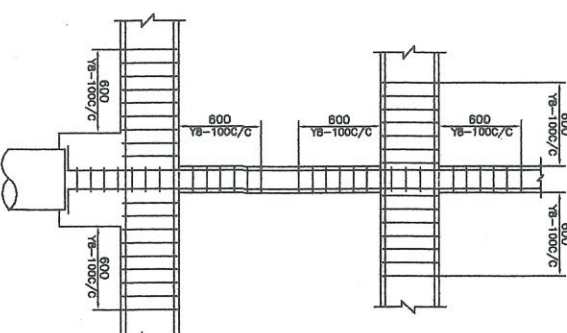
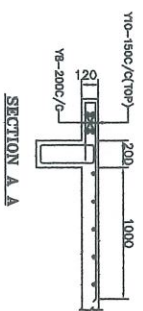
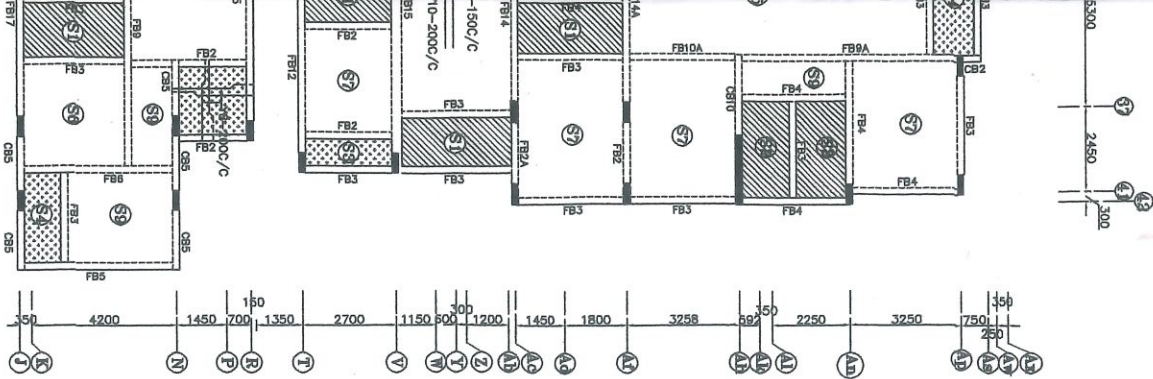
DESIGNED	KANNAN	SCALE	1 : 100
DRAWN	ANURAG	DATE	25-02-2026

STRUCTURAL CONSULTANTS:

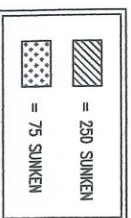
C. KANNAN B.E., M.E. (Structure)
 Structural Engineer,

CMDA Reg. No: SE/I/2024/2/0047
 Door No: 21, 4th Main Road,
 CHENNAI-600 020.
 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:kannanb2007@gmail.com
 FILE NAME : D:\NASURTHEEN\KADOSH-ADAMBAKKAM

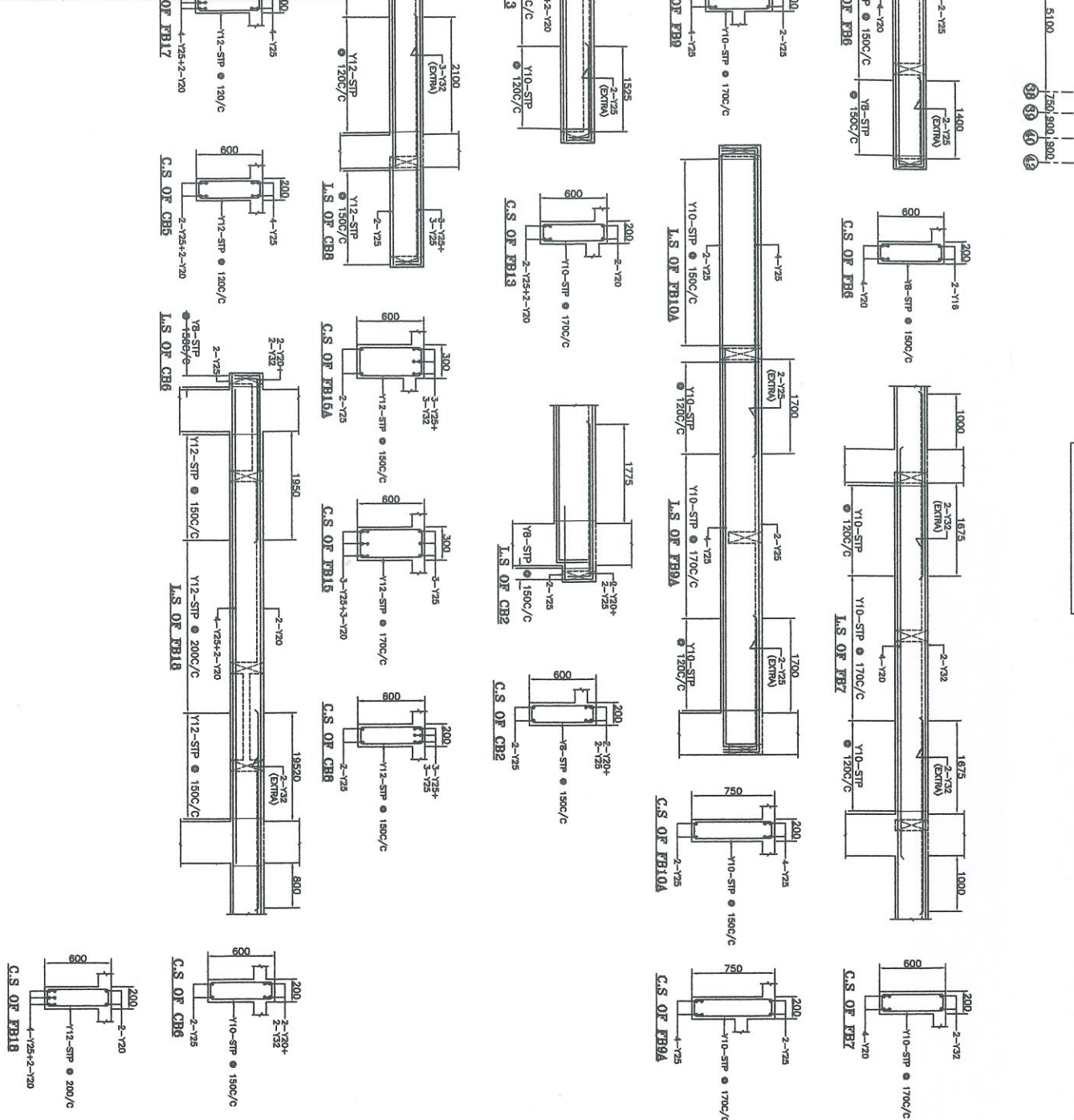




TYP. SRC. FOR
STP. DETAILS



- Notes:-**
- This drawing should be read along with architectural drawings.
 - Grade of all R.C.C. items shall be M30
 - Y Denotes TOR40 Steel conforming to I.S. 1786 - 2008.
Grade - Fe 500
 - Clear cover to the main steel
60 for Pile & Pile cap
40 for Columns.
25 for Lintel & Beams.
20 for Sunshade & Slab.
 - Lap length shall be 50 d (Max. dia) for all bars.
 - Bottom Reinforcement
 - Top Reinforcement
 - Provide Continuous Chairs to keep the top Reinforcement in position
 - Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
 - Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/C.
 - Not more than 40% of Reinforcement shall be Lapped at any particular junction.
 - Centerline props should not be released until the roof is concreted.
 - Foundation is designed for Ground plus five upper floor only.
 - For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
 - 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
16. Load carrying capacity of 600Ø pile -125t



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AT PAZHANDI AMMAN KOIL STREET,
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COMPRISED IN OLD S.NO.113/7,
T.S.NO.6/2 & 8, BLOCK NO.11,
WARD-G OF ADAMBAKKAM VILLAGE
WITHIN THE LIMITS OF GREATER
CHENNAI CORPORATION.**

TYPICAL FLOOR ROOF DETAIL			
DESIGNED	KANNAN	SCALE	1 : 100
DRAWN	MASURTHEEN	DATE	25-02-2026

STRUCTURAL CONSULTANTS:

C.KANNAN B.E., M.E. (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/10047
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