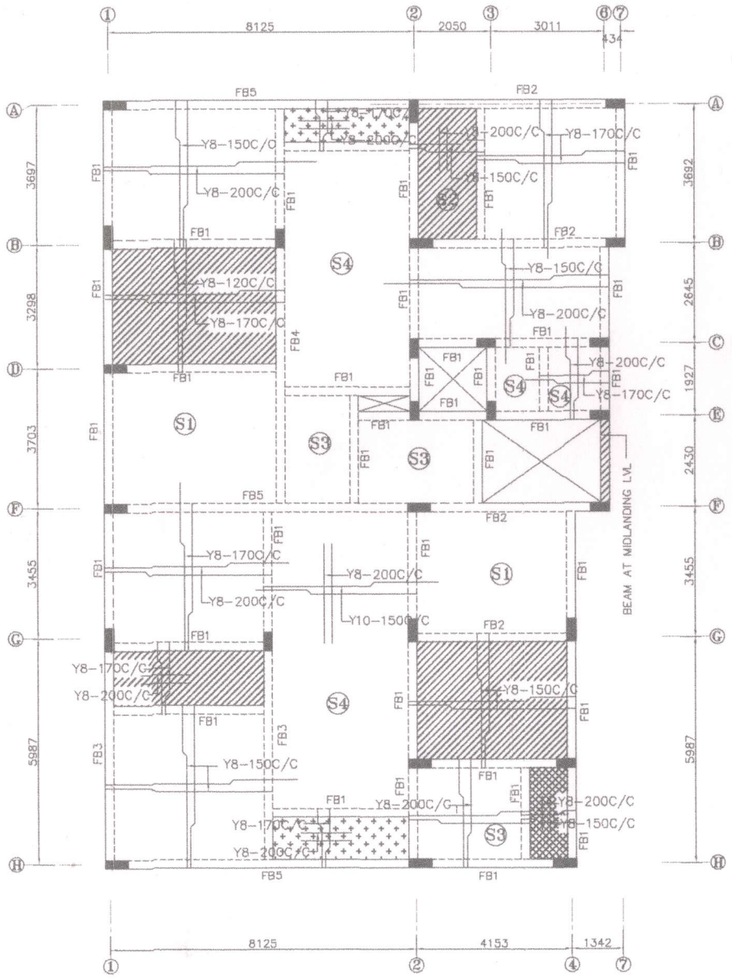
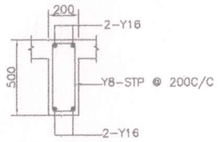


ALL SLABS ARE 120TK OTHERWIS UNLESS SPECIFIED



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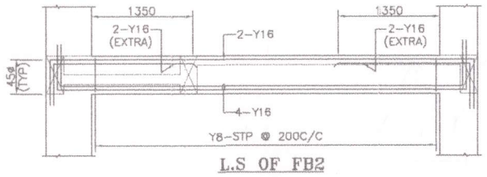

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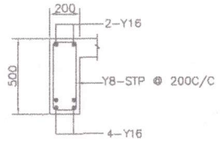

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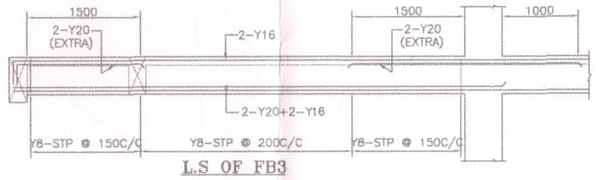

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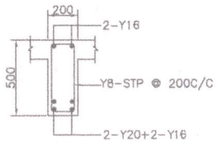

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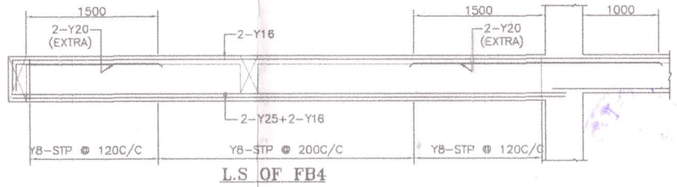

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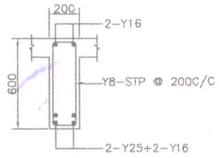

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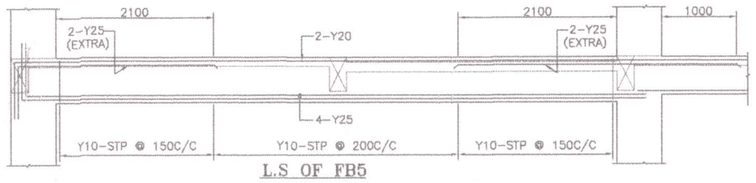

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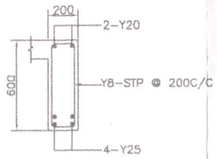

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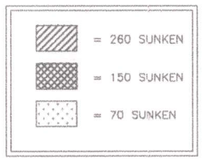

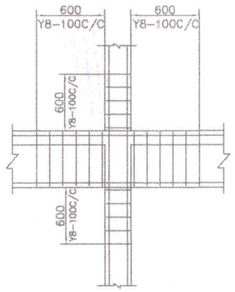

TYP. SEC. FOR

STP. DETAILS

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 TOR40 Steel confirming to I.S. 1786 – 2008. Grade – Fe 500
4. Clear cover to the main steel
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   20 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 Stilt plus five 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

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 5 FLOORS (HEIGHT 18.30M) RESIDENTIAL BUILDING WITH 10 DWELLING UNITS AVAILING PREMIUM FSI AT NEW DOOR NO.2, OLD DOOR NO.9, PLOT NO.9B & 18 B, SIVASAILAM STREET , T.NAGAR , CHENNAI – 600 017, COMPRISED IN RS.NO.32 & 34 PART, OLD T.S.NO.8124/1 PART AND NEW T.S.NO.8124/3 , 8124/5 , BLOCK NO.107 OF T.NAGAR VILLAGE, WITHIN THE LIMITS OF GREATER CHENNAI CORPORATION.

TYPICAL FLOOR ROOF DETAIL

DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	SEETHA		DATE	20-04-2026

STRUCTURAL CONSULTANTS:

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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/NASURTHEEN/SEP24/CHETTINAD-SATHIS METHA