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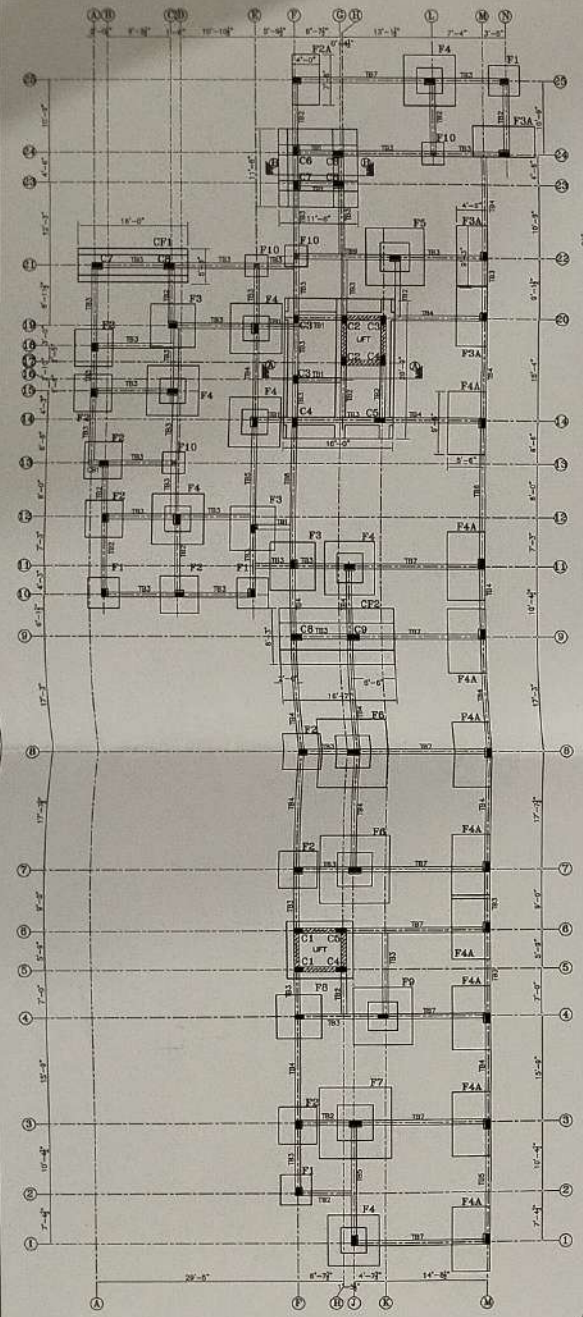
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

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COL-C1 | COL-C2 | COL-C3&F6 | COL-C4 | COL-C5&F9 | COL-C6&F1 | COL-C7&F2&F2A | COL-F3&F3A | COL-C8&F4&F4A | COL-F5

COL-C9&F8 | COL-F7 | FOOTING-F1 | FOOTING-F2 | FOOTING-F2A | FOOTING-F3&F8 | FOOTING-F3A

FOOTING-F4 | FOOTING-F4A | FOOTING-F5&F9 | FOOTING-F6

FOOTING-F7 | FOOTING-CF1 | FOOTING-CF2 | C.S OF TB1 | C.S OF TB2

C.S OF TB3 | L.S OF TB4 | C.S OF TB4 | L.S OF TB5 | C.S OF TB5

L.S OF TB6 | C.S OF TB6 | L.S OF TB7 | C.S OF TB7 | COL-F10 (SECTION A A) | FOOTING-F10

L.S OF TB8 | C.S OF TB8 | L.S OF CB1 | C.S OF CB1

(SECTION B B) | (SECTION A A) | LIFTWELL SECTION | 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 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 T-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 SBC plus three 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

NO.	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT DOOR NO. 47/27 & 48A/28A, BABU RAJENDRA PRASAD STREET, WEST MAMBALAM, CHENNAI-600 033, COMPRISED IN PAIMASH NO. 34, T.S. NOS. 15/7, 35/3 & 36, BLOCK NO. 7 OF MAMBALAM VILLAGE WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.

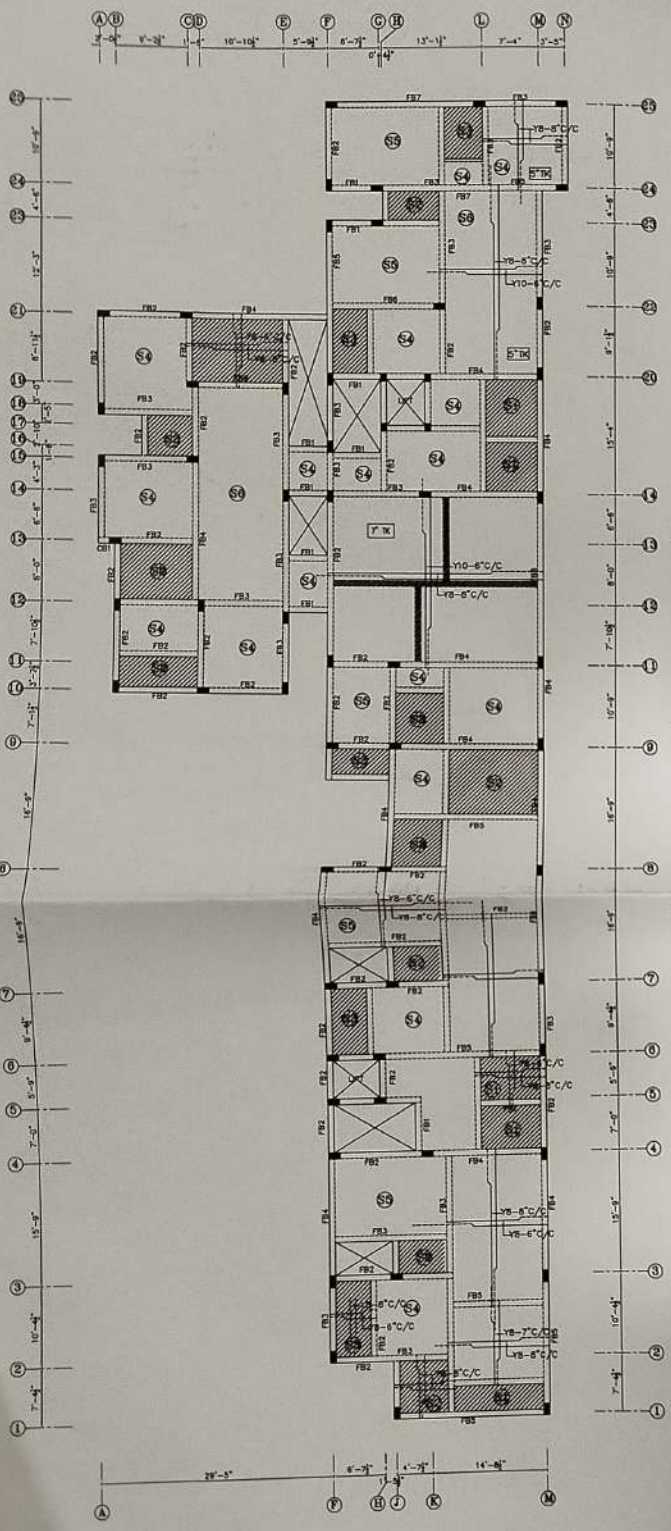
FOUNDATION DETAIL

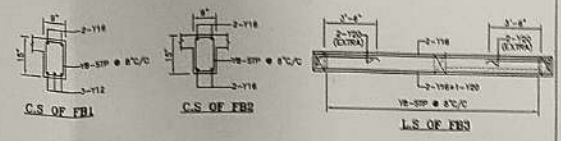
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	SWATH		DATE	27-05-2024

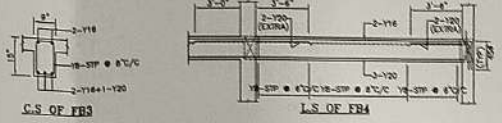
STRUCTURAL CONSULTANTS:

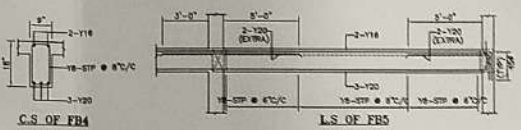
C. KANNAN, B.E., M.E. (Structure)
Structural Engineer,
GCDA Regn. No: SE/I/2024/2/0047
Door No. 12, 4th Main Road,
Jothi Nagar, Chennai-600 020.
MOBILE NO: 098412 49855.
E-MAIL:kannanbe2007@gmail.com

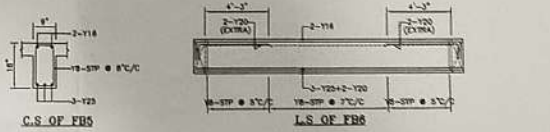
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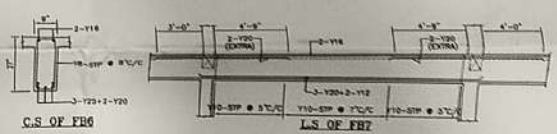


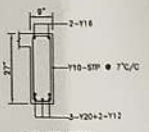


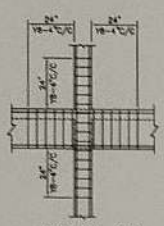


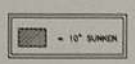












Notes :-

1. This drawing should be read along with architectural drawings.
2. Grade of RCC items shall be M30 for columns & M25 for all other RCC works
3. Y Denotes TORNO Steel conforming to I.S. 1786 - 2008. Grade - Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
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7. ------ Top Reinforcement
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   b. Slabs spanning over 4.5 m (15'-0") - 14 days
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   c. Beams and Arches spanning upto 6 m (20'-0") -14days
   d. Beams and Arches spanning over 6 m (20'-0") -21days

NO.	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT DOOR NO. 47/27 & 48A/28A, BABU RAJENDRA PRASAD STREET, WEST MAMBALAM, CHENNAI-600 033, COMPRISED IN PAIMASH NO. 34, T.S. NOS. 15/7, 35/3 & 36, BLOCK NO. 7 OF MAMBALAM VILLAGE WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.

TYPICAL FLOOR SLAB DETAIL

DESIGNED	KANNAN	SCALE	1 : 100
DRAWN	SIMILAR	DATE	27-04-2025

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,
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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 16815.
E-MAIL kannanstruct2007@gmail.com

FILE NAME : D:\Sketch\ RAP, NO.28 - WEST MAMBALAM

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