

STRUCTURAL DRAWING OF PROPOSED G+III STORIED RESIDENTIAL BUILDING PLAN OF HEIGHT 12.500 MT. U/S 393A OF K.M.C. ACT 1980 UNDER BUILDING RULE 2009 AT PREMISES NO. 38 KAMDHARI PURBA PARA, WARD NO.- 111, BOROUGH- XI, P.S.- BANSDRONI KOLKATA -700084. UNDER THE KOLKATA MUNICIPAL CORPORATION.

NOTES & SPECIFICATIONS

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- GRADE OF CONCRETE AND GRADE OF STEEL FE415.
- CENTER LINE COVER HERE ARE BEAM C/L ONLY.
- IN CASE OF ANY DISCREPANCY IN DWG. REFER TO ARCHITECT.
- FOUNDATION- (1) BOTTOM COVER-50MM SHOULD BE MAINTAINED.
- (2) SIDE COVER-75MM.
- (3) COLUMN- CLEAR COVER-40MM.
- BEAM- (1) TOP-25MM, (2) BOTTOM-25MM, (3) SIDE-15MM.
- SLAB- (1) BOTTOM-15MM (2) SIDE-15MM.
- EXTRA TOP REINFORCEMENT-
- 0.25% C/DISTANCE OF DISCONTINUOUS EDGE.
- EXTRA TOP REINFORCEMENT-
- 0.25% C/DISTANCE OF CONT. SUPT.
- EXTRA BOTTOM REINFORCEMENT-
- 0.10% C/DISTANCE OF DISCONT. SUPT.
- EXTRA BOTTOM REINFORCEMENT-
- 0.15% C/DISTANCE OF CONT. SUPT.
- SLAB-
- 1) TOP CURTAILMENT OF BAR- 0.10% C/DISTANCE OF DISCONTINUOUS EDGE.
- 2) TOP CURTAILMENT OF BAR- 0.15% C/DISTANCE OF CONTINUOUS EDGE.
- 3) BOTTOM CURTAILMENT OF BAR- 0.15% C/DISTANCE OF DISCONT. EDGE.
- 4) BOTTOM CURTAILMENT OF BAR- 0.25% C/DISTANCE OF CONT. EDGE.
- 5) EXTRA TOP CURTAILMENT OF BAR- 0.30% C/DISTANCE OF CONT. EDGE.
- BOND- (1) LENGTH FOR REINFORCEMENT-50D.
- FOUNDATION DEPTH SHOULD BE MAINTAINED 200MM FROM ORIGINAL SILL.

STRUCTURAL CERTIFICATE

Certified with full responsibility that the Structural design & drawings of both foundation and superstructure of the building has been made by me, considering all possible loads including seismic load as per the National Building Code of India and certified that it is safe and stable in all respect. The structural design as per soil test done by M/S TECHNO SOIL OF Gokhara, Arunachal, Sonarpur, Kolkata- 700150, recommended & signed by Geo-Tech Engineer Kallol Kumar Ghoshal.

Hiranmoy Mukherjee
E. S. No. 526 (II)
Kolkata Municipal Corporation

SIGNATURE OF STRUCTURAL ENGINEER
(HIRANMOY MUKHERJEE)
E. S. NO. 526(II)

GEO-TECHNICAL ENGINEER'S DECLARATION

Undersigned has inspected the site carried out the soil investigation therein. It is certified that the existing soil of the site is able to carry the load coming from the proposed construction and foundation system proposed therein is safe and stable in all respect from Geo-technical point of view.

Kallol K. Ghoshal, B.E.(Civil), MIE
Geo Technical Engineer
KMC Empanelment No. G.T./11/14

SIG. OF GEO-TECH. ENGG
(Kallol Kumar Ghoshal)
LICENCE. NO. 14(II)

L.B.S. DECLARATION

Certified with full responsibility that the building plan has been drawn as per the KMC Building Rules 2009, as amended from time to time, including the abutting 3.6 m wide road in eastern side confirms with that in the plan and it is a buildable site and not a tank or filled up land. This is not a KMDA acquired plot.

Hiranmoy Mukherjee
L.B.S. No. 1350(I)
The Kolkata Municipal Corporation

Signature of L.B.S.
(HIRANMOY MUKHERJEE)
L.B.S. NO. 1350(I)

Signature of OWNER
MR. BIJOY GHOSH
PROP OF : M/S PACIFIC CONSTRUCTION
& AS A CONSTITUTED ATTORNEY OF
MRS. MALINI BHATTACHARYA
DR. KETAKI BHATTACHARYA
MR. KUMARDEV BOSE

Signature of OWNER
MR. BIJOY GHOSH
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MRS. MALINI BHATTACHARYA
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MR. KUMARDEV BOSE

FOUNDATION SCHEDULE

| FDN MKD. | F.D.N UNDER COLUMN | FOUND SIZE L1 X L2 (mm/mm) | d (mm) | D (mm) | REINFORCEMENT |
|----------|--------------------|----------------------------|--------|--------|------------------------------------|
| F1 | C1,C6,C8 | 2150X2150 | 200 | 350 | 12 T @ 125 c/c (B/W) |
| F2 | C2,C4,C17 | 2600X2600 | 200 | 450 | 12 T @ 110 c/c (B/W) |
| F3 | C3,C9 | 2250X2250 | 200 | 400 | 12 T @ 150 c/c (B/W) |
| F4 | C5 | 2750X2750 | 200 | 450 | 12 T @ 110 c/c (B/W) |
| F5 | C12,C13,C18,C19 | 2450X2450 | 200 | 400 | 12 T @ 125 c/c (B/W) |
| F6 | C7 | 1850X1850 | 200 | 350 | 12 T @ 125 c/c (B/W) |
| F7 | C14,C20 | 3000X3000 | 200 | 450 | 16 T @ 150 c/c (B/W) |
| F8 | C10+C11+C15+C16 | AS PER DWG. | 450 | | 12 T @ 150 c/c (B/W) IN TWO LAYERS |
| F9 | C21+C22 | AS PER DWG. | 450 | | 12 T @ 150 c/c (B/W) IN TWO LAYERS |

SLAB SCHEDULE

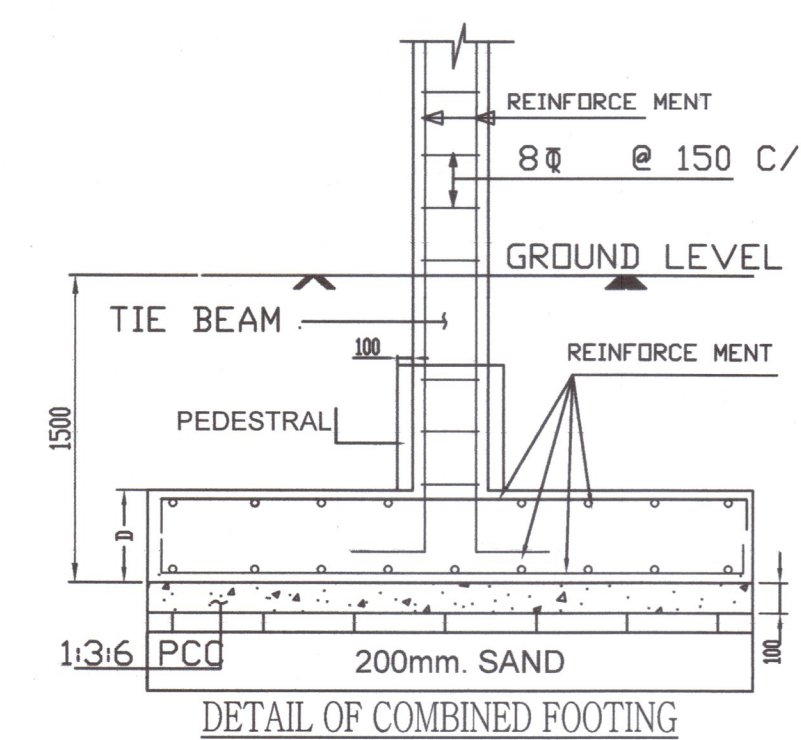
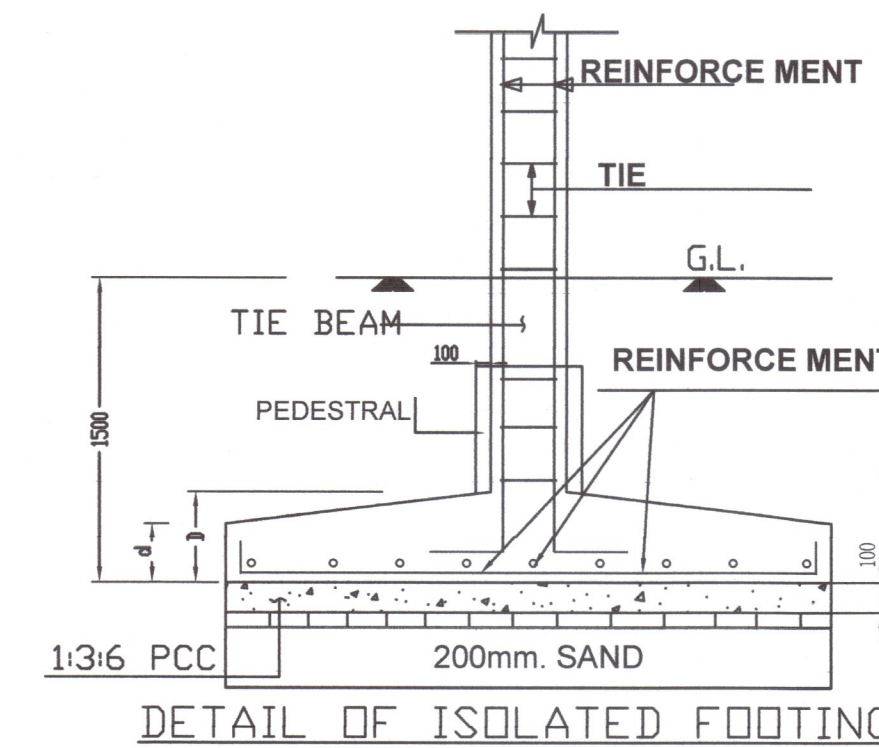
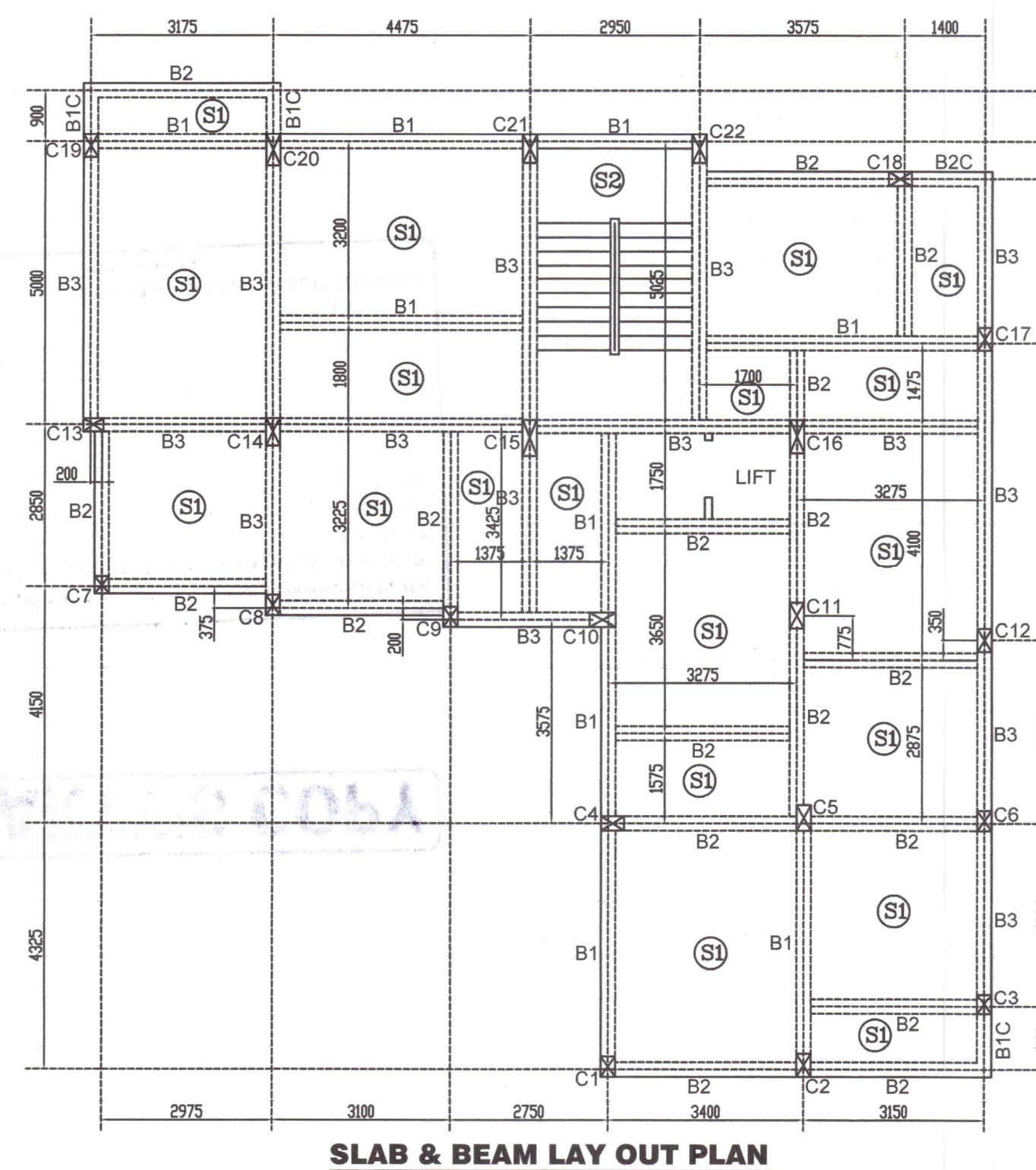
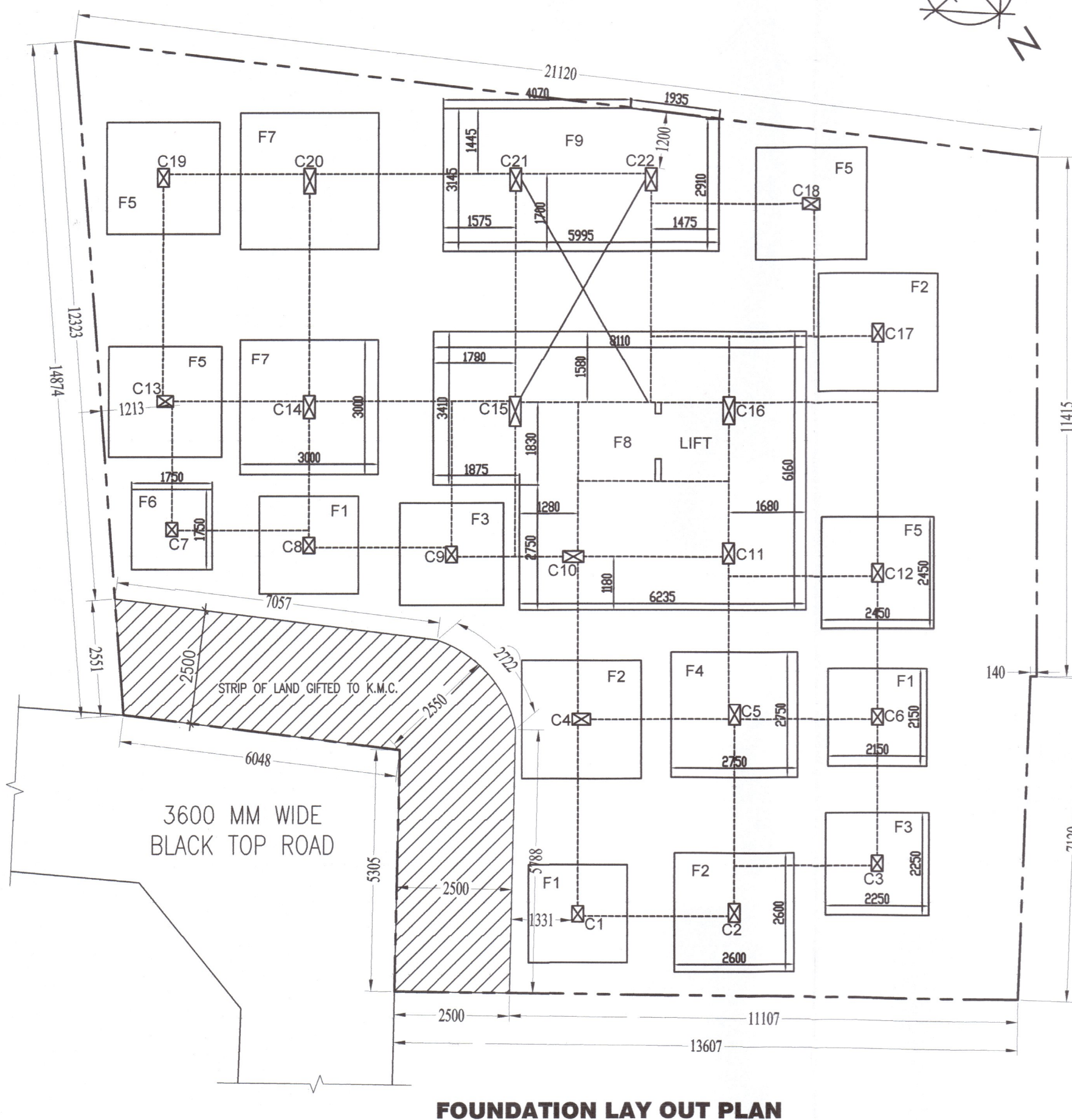
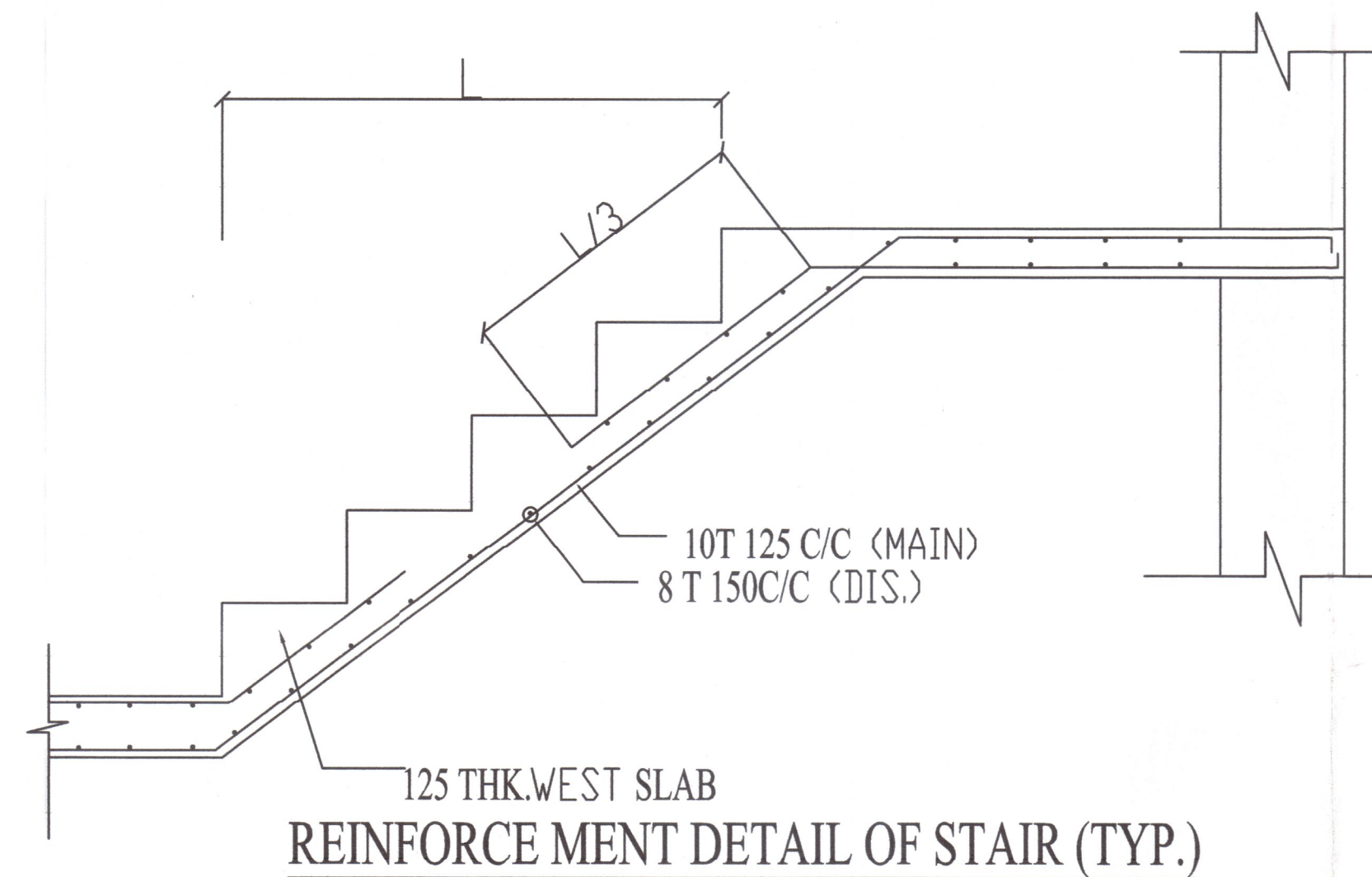
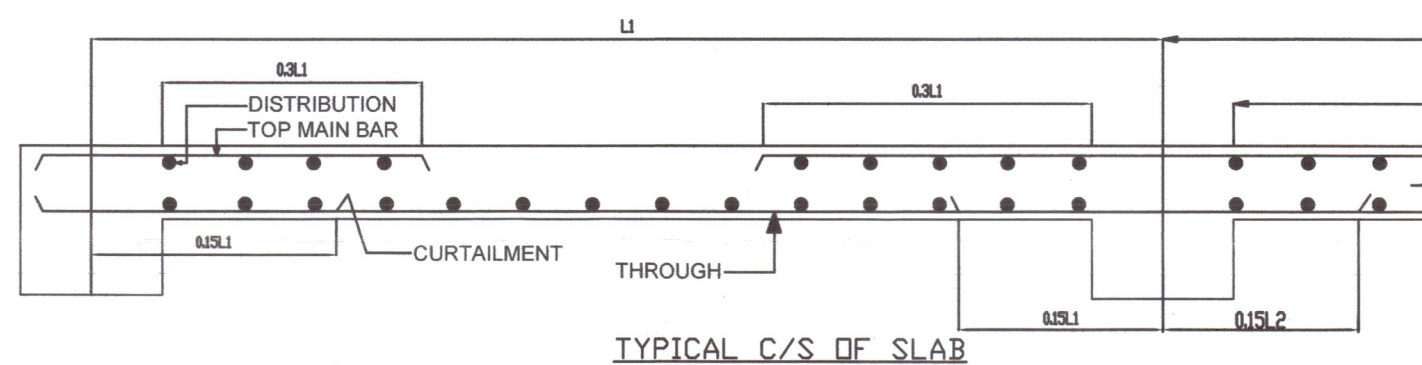
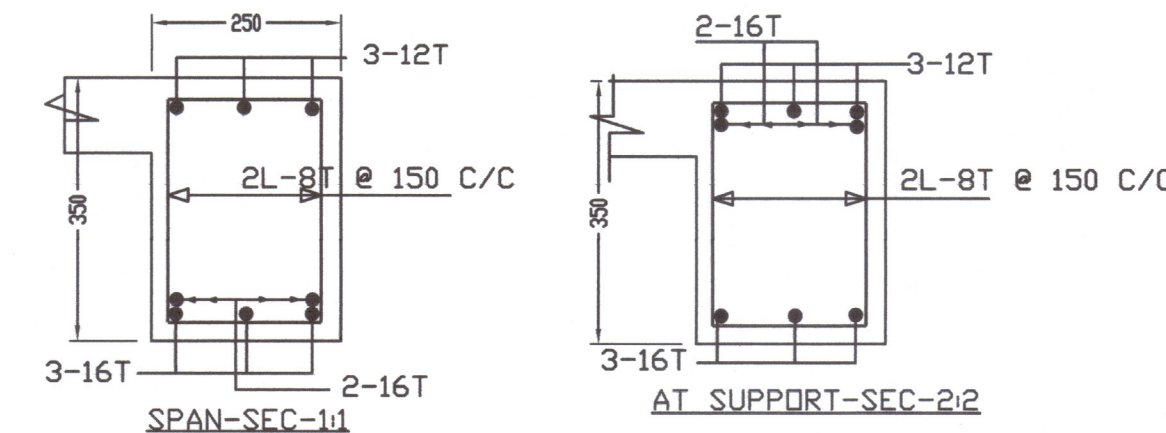
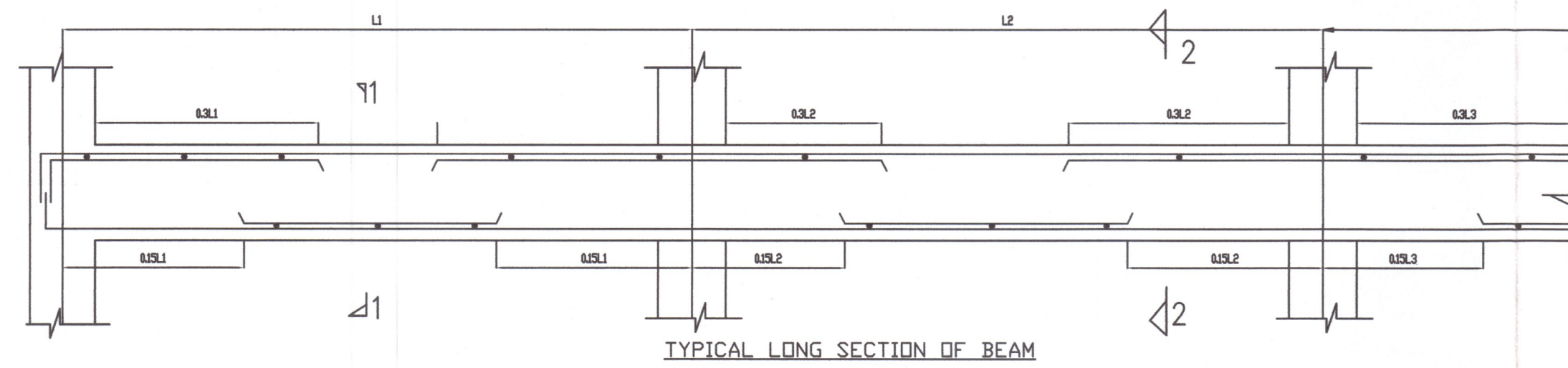
| SLAB MKD. | THICKNESS | REINFORCEMENT | | PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP |
|-----------|-----------|---------------|--------------|--|
| | | MAIN REINF. | DISTRIBUTION | |
| S1 | 110 MM | 8 T @ 125 c/c | 8 T 125 c/c | |
| S2 | 120 MM | 8 T @ 125 c/c | 8 T 125 c/c | PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP |

BEAM SCHEDULE

| BEAM MKD. | SECTION | REINF.(SUPPORT) | | REINF.(SPAN) | | STIRRUP |
|---------------|---------|-----------------|--------|--------------|--------|---------------|
| | | TOP | BOTTOM | TOP | BOTTOM | |
| B1 | 250X400 | 3-16 + 2-16 | 3-16 | 3-16 | 5-16 | 2L-8T@150 c/c |
| B2 | 250X300 | 2-12 + 2-16 | 2-16 | 2-12 | 4-16 | 2L-8T@150 c/c |
| B3 | 250X450 | 3-16 + 3-16 | 3-16 | 3-16 | 6-16 | 2L-8T@150 c/c |
| B1C | 250X350 | 5-16 | 2-16 | 5-16 | 2-16 | 2L-8T@150 c/c |
| B2C | 250X450 | 6-16 | 2-16 | 6-16 | 2-16 | 2L-8T@150 c/c |
| ALL TIE BEAMS | 250X350 | 3-12 + 2-12 | 3-12 | 3-12 | 5-12 | 2L-8T@150 c/c |

COLUMN SCHEDULE

| COLUMN MKD. | SECTION | REINFORCEMENT | TIE |
|-----------------------|---------|----------------|---------------|
| C2,C4,C12,C17,C18,C19 | 250X400 | 8-16T 2-12T | 2L-8T@150 c/c |
| C5,C10,C11 | 250X450 | 10-16T | 2L-8T@150 c/c |
| C7 | 250X350 | 8-12T 2-12T | 2L-8T@150 c/c |
| C14,C21,C22 | 250X500 | 12-16T | 4L-8T@150 c/c |
| C15 | 250X650 | 12-20T | 4L-8T@150 c/c |
| C16 | 250X600 | 12-20T | 4L-8T@150 c/c |
| C20 | 250X550 | 12-16T | 4L-8T@150 c/c |
| ALL OTHERS | 250X350 | 8-16T | 2L-8T@150 c/c |



PARTY'S COPY

Structural plan and design can not be submitted by the structural engineer have been kept with B.P. No. 82811/2022/8 Date: 18/06/21 for record of the Kodakal Municipal Corporation. without verification No. deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form. necessary steps should be taken for the safety of the adjoining premises public and private properties and safety of human life during construction.

[Signature]
EXECUTIVE ENGINEER/ASST ENGINEER
BOROUGH NO. XI

