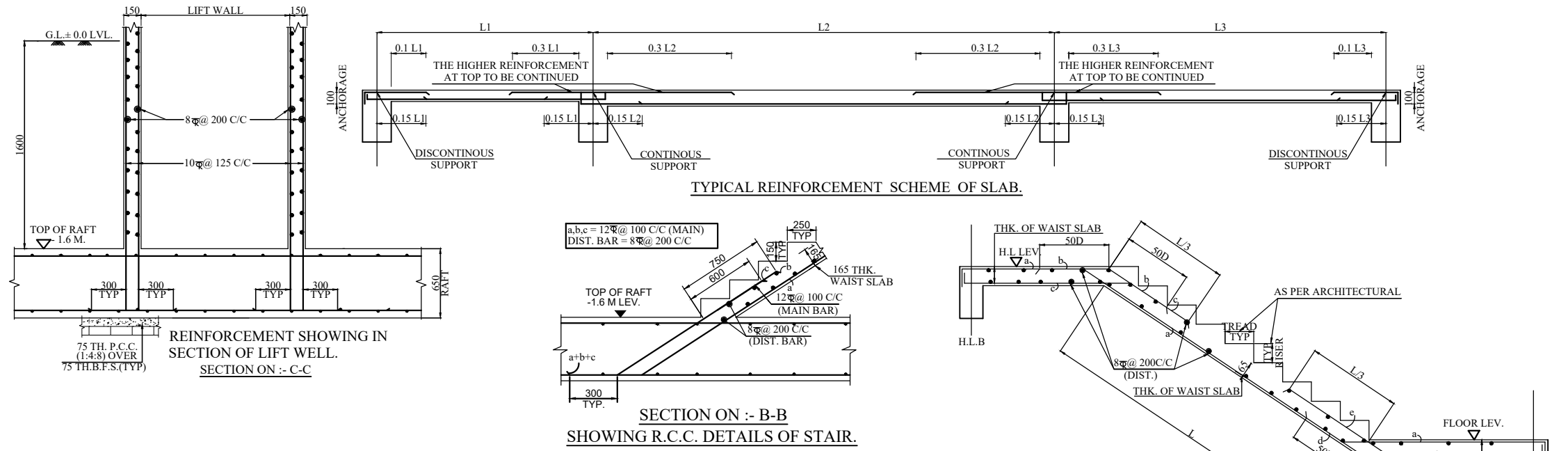
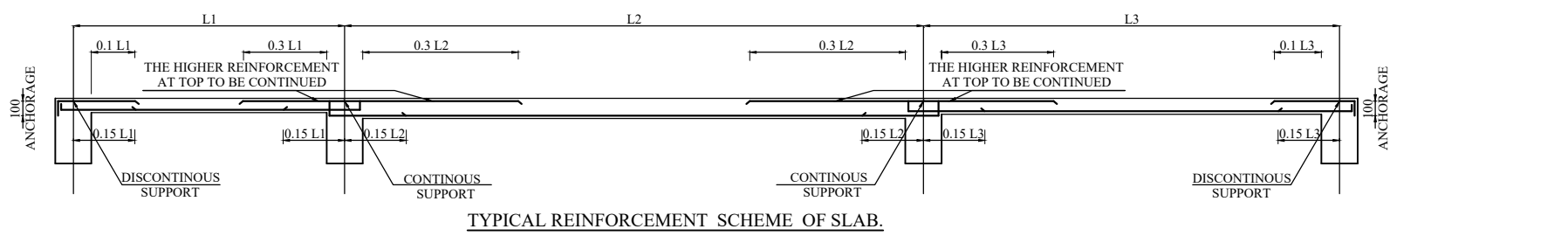


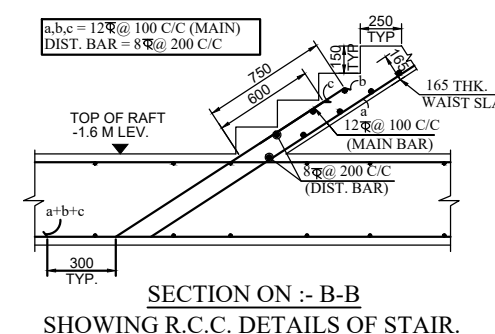
TYPICAL REINFORCEMENT SCHEME OF FLOOR BEAMS.



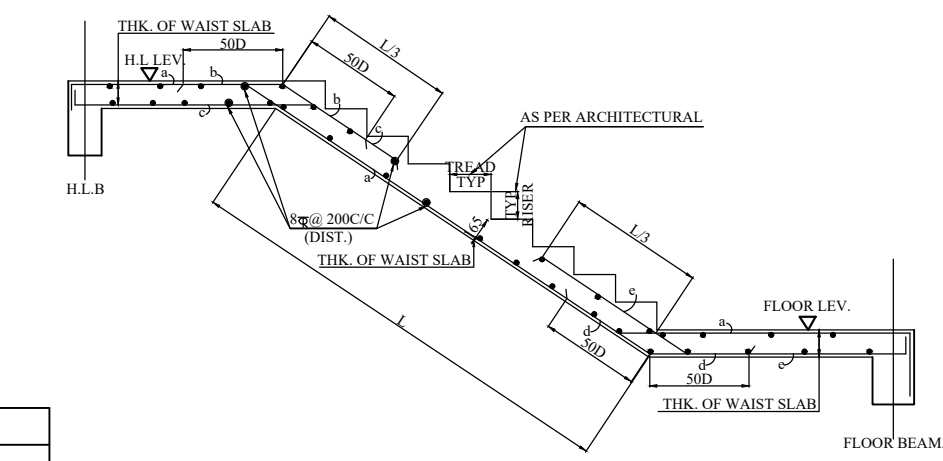
REINFORCEMENT SHOWING IN SECTION OF LIFT WELL. SECTION ON -:- C-C



TYPICAL REINFORCEMENT SCHEME OF SLAB.



SECTION ON -:- B-B SHOWING R.C.C. DETAILS OF STAIR.



TYPICAL REINFORCEMENT ARRANGEMENT OF STAIR.

**SCHEDULE OF THE BEAM**

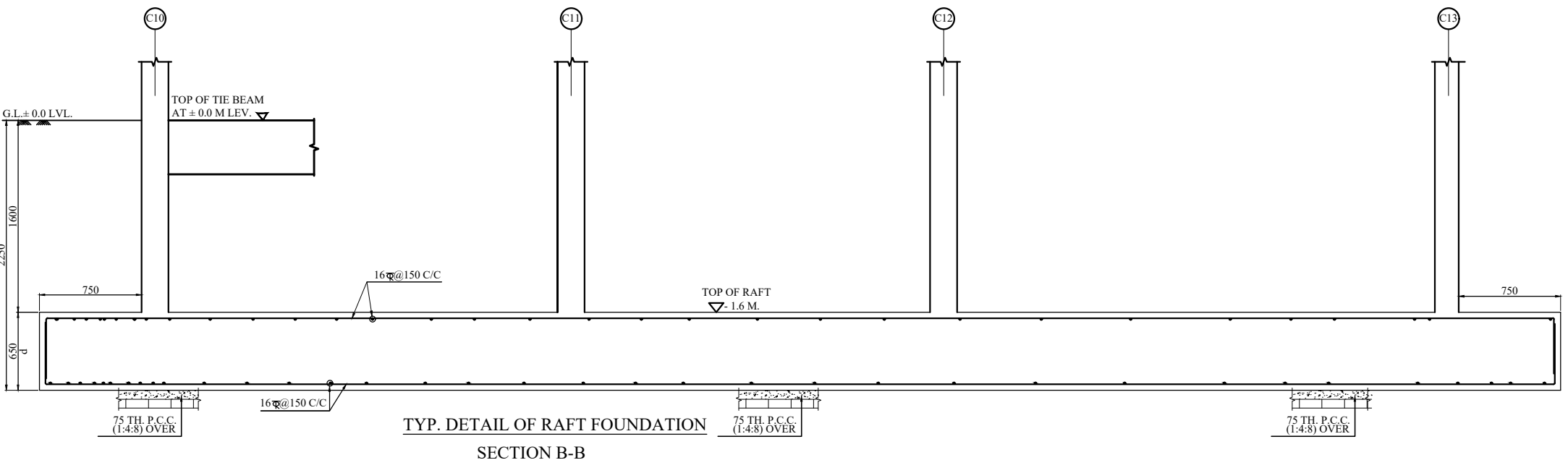
BEAM MKD.	SIZE (B X D)	MAIN REINFORCEMENT						STIRRUPS	
		SUPPORT		SPAN		DISC. SUPPORT		SUPPORT	SPAN
		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM		
TB1	250X500	2-16Ø	2-12Ø	2-16Ø	2-16Ø	2-16Ø	2-16Ø	8Ø2L @ 100 C/C	8Ø2L @ 200 C/C
TB2	250X500	2-16Ø	2-16Ø	2-16Ø	3-16Ø	2-16Ø	2-16Ø	8Ø2L @ 100 C/C	8Ø2L @ 200 C/C
TB3	250X500	2-16Ø	3-16Ø	2-16Ø	3-16Ø	2-16Ø	3-16Ø	8Ø2L @ 100 C/C	8Ø2L @ 200 C/C

**SCHEDULE OF SLAB**

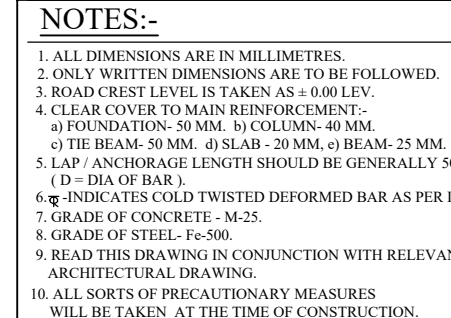
SLAB MKD.	SLAB THK (MM)	SHORTER SPAN		LONGER SPAN	
		SUPP. (TOP)	SPAN (BOT)	SUPP. (TOP)	SPAN (BOT)
S1	150	8Ø@100C	8Ø@125C	8Ø@150C	8Ø@150C
S2	125	8Ø@125C	8Ø@125C	8Ø@125C	8Ø@125C
S3	125	8Ø@150C	8Ø@175C	8Ø@175C	8Ø@175C
ST1	165	12Ø@100C (MAIN) WITH 8Ø@200C (DIST)			

**SCHEDULE OF TYP BEAM**

BEAM MKD.	BEAM SIZE	MAIN REINFORCEMENT						STIRRUPS	
		CONT. SUPPORT		SPAN		DISCONT. SUPPORT		SUPPORT	SPAN
		TOP	BOT.	TOP	BOT.	TOP	BOT.		
B1	250X500	2-20Ø	2-20Ø	2-20Ø	2-20Ø	2-20Ø	2-20Ø	8Ø2L @ 100 C/C	8Ø2L @ 175 C/C
B2	250X500	2-25Ø	2-25Ø	2-25Ø	4-25Ø	2-20Ø	2-25Ø	8Ø2L @ 100 C/C	8Ø2L @ 200 C/C
B3	250X500	2-25Ø	3-25Ø	2-25Ø	3-25Ø	2-25Ø	3-25Ø	10Ø2L @ 100 C/C	10Ø2L @ 175 C/C



TYP. DETAIL OF RAFT FOUNDATION SECTION B-B

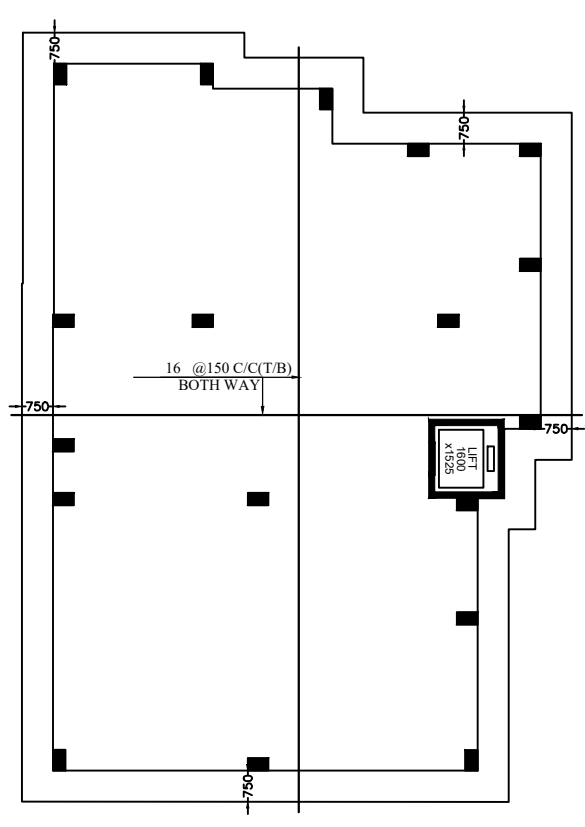


SECTION OF B3 AT SUPPORT. SECTION OF B3 AT SPAN.

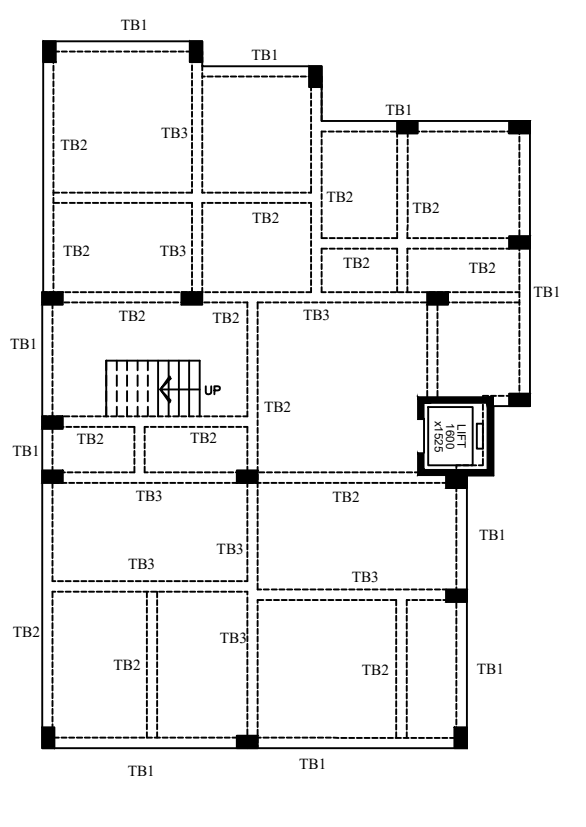
- NOTES:-**
- ALL DIMENSIONS ARE IN MILLIMETRES.
  - ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
  - ROAD CREST LEVEL IS TAKEN AS ±0.00 LEV.
  - CLEAR COVER TO MAIN REINFORCEMENT-  
a) FOUNDATION- 50 MM. b) COLUMN- 40 MM.  
c) TIE BEAM- 50 MM. d) SLAB- 20 MM. e) BEAM- 25 MM. (D = DIA OF BAR)
  - LAP / ANCHORAGE LENGTH SHOULD BE GENERALLY 50D.
  - Ø INDICATES COLD TWISTED DEFORMED BAR AS PER IS 1786.
  - GRADE OF CONCRETE - M-25.
  - GRADE OF STEEL- Fe-500.
  - READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING.
  - ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.

THE STRUCTURAL DESIGN AND DRAWING OF BOTH FDN AND SUPERSTRUCTURE OF THE BLDG. HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER THE NBC OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

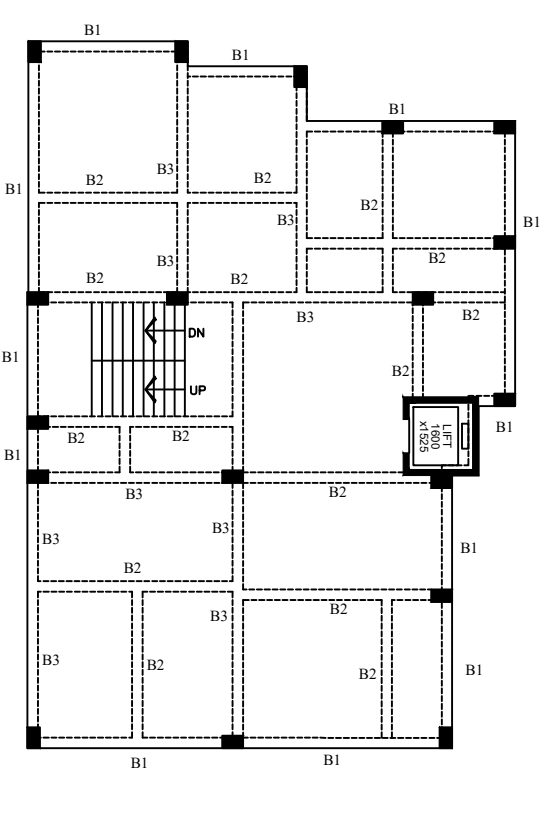
Signature of Geotechnical engineer :  
Signature of Structural engineer :  
OWNER'S NAME :  
Signature of Owner :  
THIS IS TO CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN UP WITH FULL RESPONSIBILITY AS PER PROVISIONS OF BUILDING RULES & AS AMENDED FROM TIME TO TIME & SITE CONDITION CONFORM WITH THE PLAN & THAT IT IS A BUILDABLE SITE & NOT A TANK OR TANK FILLED LAND.



FOUNDATION LAYOUT PLAN



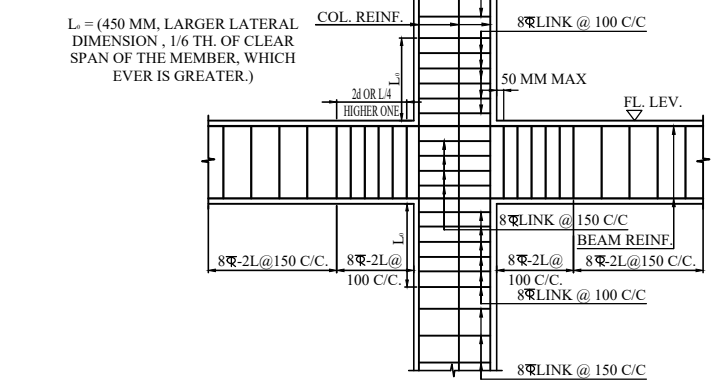
TIE BEAM LAYOUT



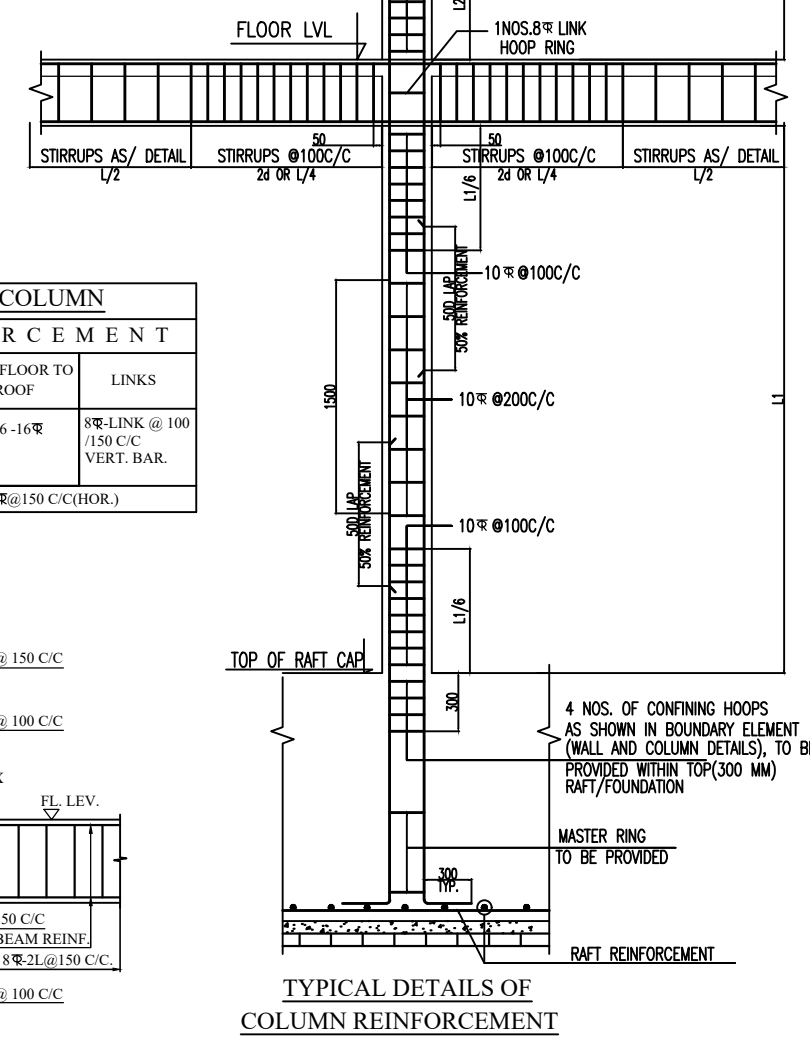
TYPICAL FLOOR BEAM

**SCHEDULE OF R.C.C. COLUMN**

COLUMN MKD.	COLUMN SIZE	REINFORCEMENT		
		GR. FLOOR TO 2ND. FLOOR	2ND. FLOOR TO ROOF	LINKS
C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C16,C17,C18,C19,C20,C22,C23,C25,C27.	300 X 600	16-20Ø	16-16Ø	8Ø LINK @ 100 (150 C/C VERT. BAR)
LIFT		12Ø@150 C/C (MAIN VER.) & 10Ø@150 C/C (HOR.)		

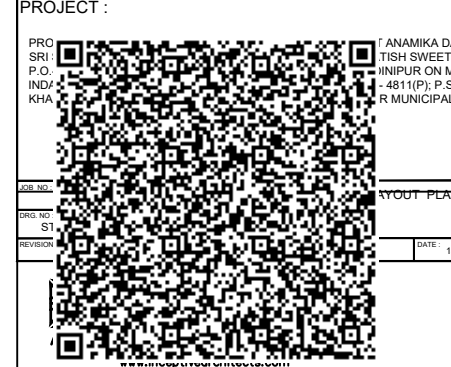


DUCTILE DETAILING OF BEAM COLUMN JUNCTION



TYPICAL DETAILS OF COLUMN REINFORCEMENT

Signature of Architect :  
PROJECT :  
PRG : ANAMKA DAS, W/O.  
SRI : TISH SWEET SHOP  
P.O. : INSIPUR ON MOLLA-  
RUA : 481071, P. S. -  
R MUNCIPALITY.



Signature of Architect :  
PROJECT :  
PRG : ANAMKA DAS, W/O.  
SRI : TISH SWEET SHOP  
P.O. : INSIPUR ON MOLLA-  
RUA : 481071, P. S. -  
R MUNCIPALITY.

Signature of Architect :  
PROJECT :  
PRG : ANAMKA DAS, W/O.  
SRI : TISH SWEET SHOP  
P.O. : INSIPUR ON MOLLA-  
RUA : 481071, P. S. -  
R MUNCIPALITY.