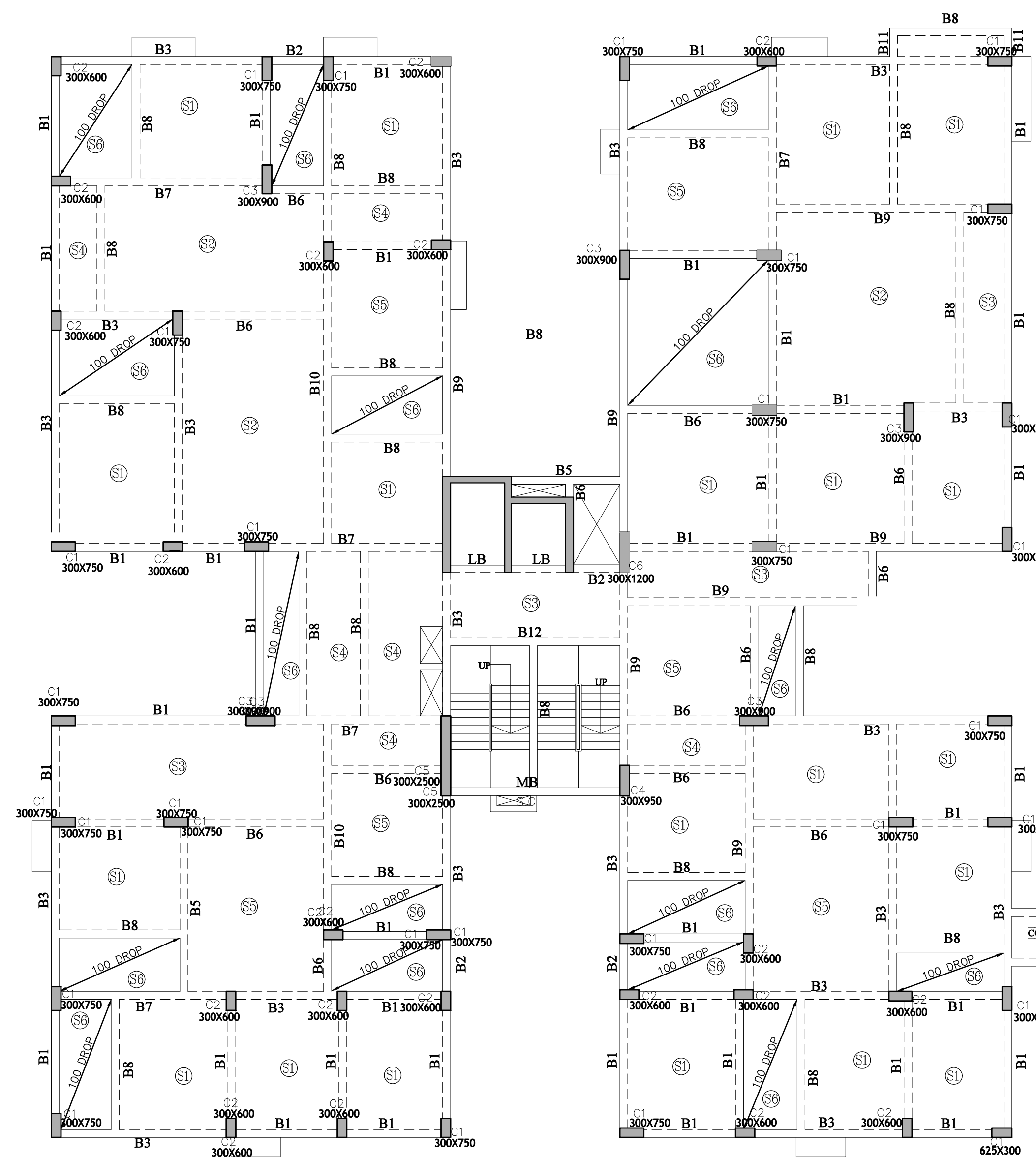
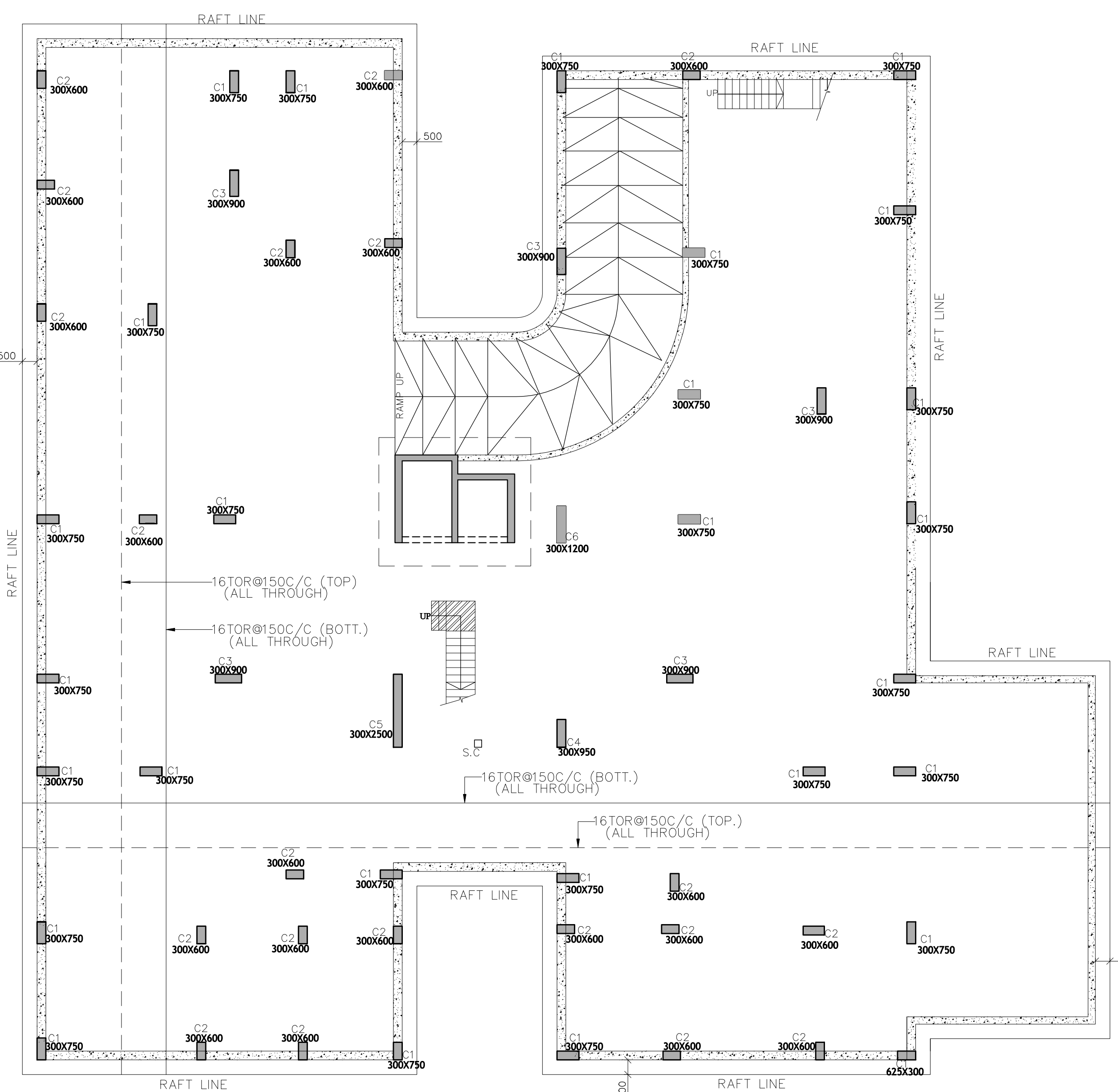


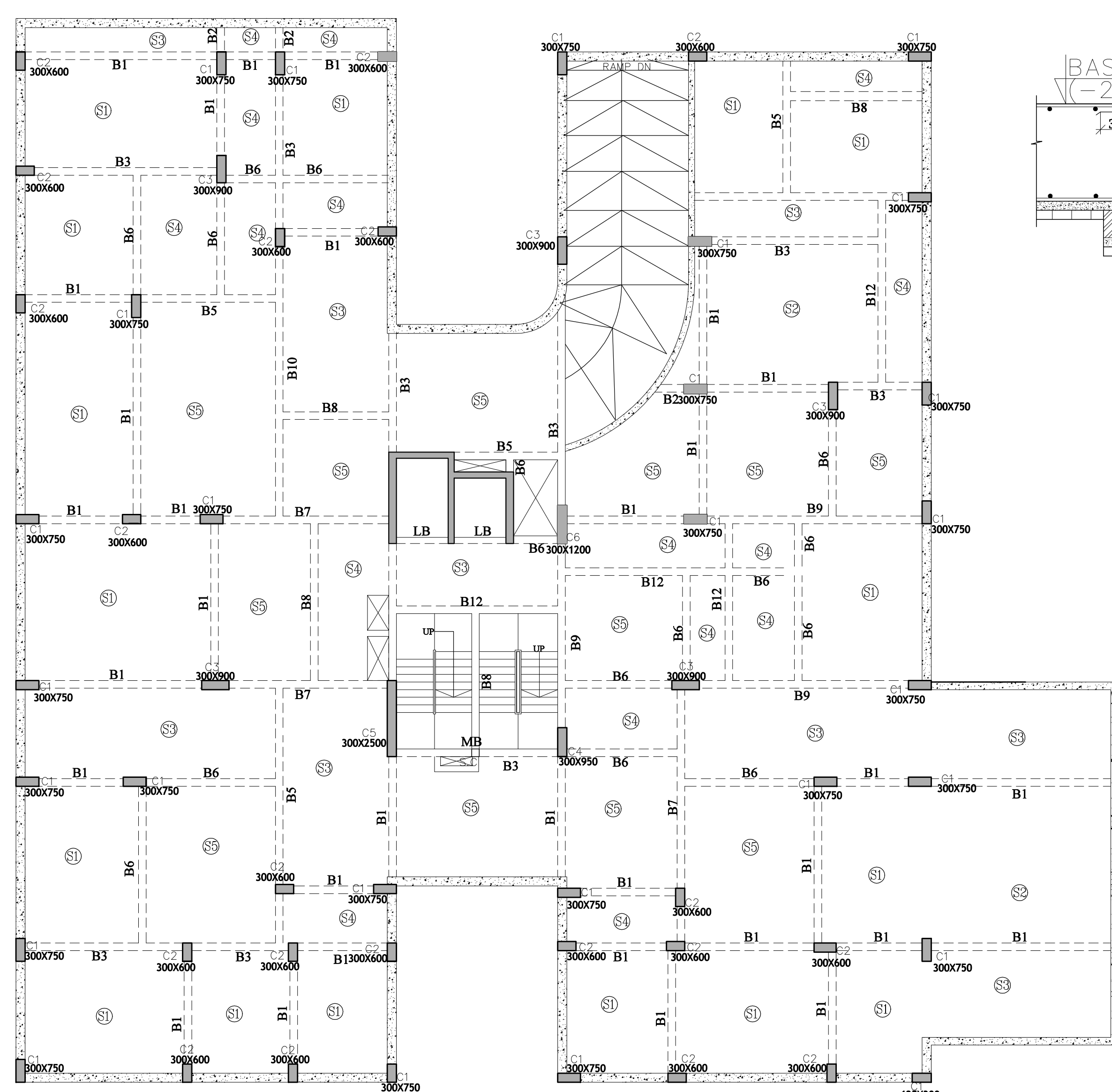
1ST FL. BEAM LAYOUT



TYP. FL. BEAM LAYOUT  
2ND TO 5TH FL.



BASMENT LAYOUT



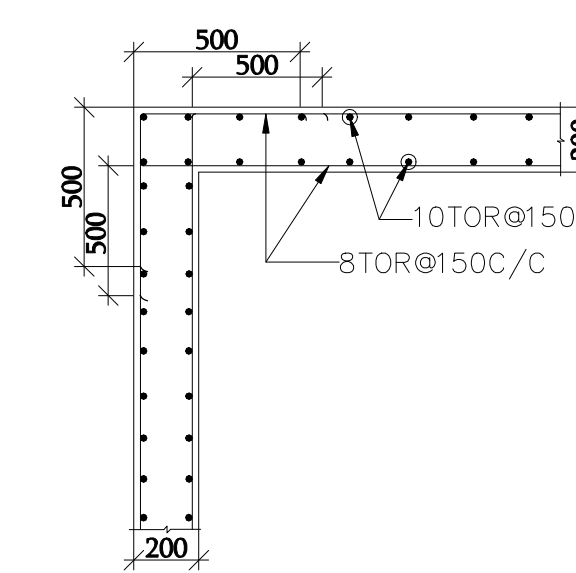
GROUND FL. BEAM LAYOUT

BEAM SCHEDULE  
GRADE OF CONG. - M-25

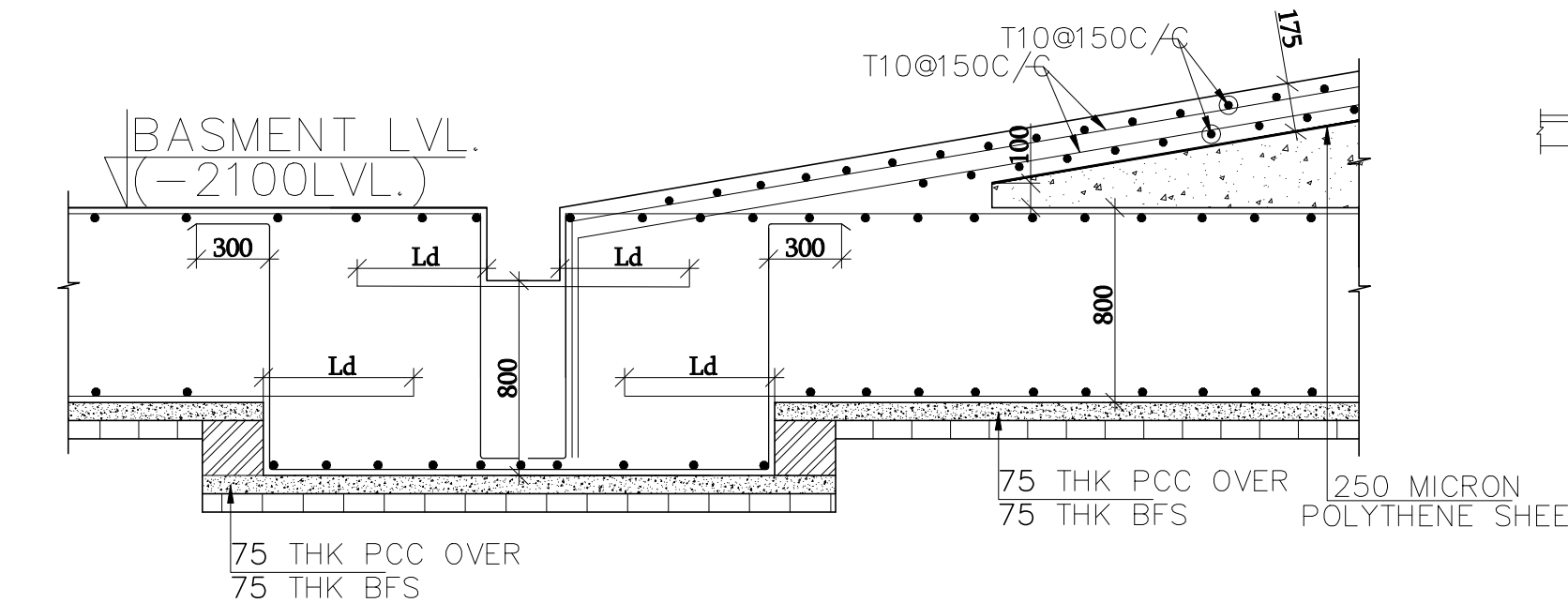
BEAM MKD.	SIZE	REINF. AT LEFT SUPPORT		REINF. AT SPAN		REINF. AT RIGHT SUPPORT		STIRRUPS	
		TOP	BOTT.	TOP	BOTT.	TOP	BOTT.	SUPPORT	SPAN
B1	250X600	5-2TOR	3-2TOR	2-2TOR	3-2TOR	3-2TOR	3-2TOR	2L-18Ø100C/C	2L-18Ø200C/C
B2	250X600	3-2TOR	3-2TOR	3-2TOR	3-2TOR	3-2TOR	3-2TOR	2L-18Ø100C/C	2L-18Ø200C/C
B3	250X600	4-2TOR+2-16TOR	4-16TOR+1-12TOR	2-2TOR	4-16TOR+1-12TOR	4-2TOR+2-16TOR	4-16TOR+1-12TOR	2L-18Ø100C/C	2L-18Ø200C/C
B4	250X600	6-16TOR	4-16TOR	2-16TOR	4-16TOR	6-16TOR	4-16TOR	2L-18Ø100C/C	2L-18Ø200C/C
B5	250X600	3-16TOR	3-2TOR	3-16TOR	5-2TOR	3-16TOR	5-2TOR	2L-18Ø100C/C	2L-18Ø200C/C
B6	250X600	3-16TOR	3-16TOR	3-16TOR	3-16TOR	3-16TOR	3-16TOR	2L-18Ø150C/C	2L-18Ø150C/C
B7	250X600	2-16TOR+1-2TOR	3-16TOR	2-16TOR	3-16TOR	2-16TOR+1-12TOR	3-16TOR	2L-18Ø100C/C	2L-18Ø200C/C
B8	250X600	2-16TOR	2-16TOR	2-16TOR	2-16TOR	2-16TOR	2-16TOR	2L-18Ø150C/C	2L-18Ø150C/C
B9	250X600	5-2TOR	4-16TOR+1-2TOR	2-2TOR	4-16TOR+1-2TOR	5-2TOR	4-16TOR+1-2TOR	2L-18Ø100C/C	2L-18Ø200C/C
B10	250X600	2-16TOR	2-16TOR	2-16TOR	3-16TOR	2-16TOR	3-16TOR	2L-18Ø150C/C	2L-18Ø150C/C
B11	250X600	5-2TOR	4-16TOR	5-2TOR	4-16TOR	5-2TOR	4-16TOR	2L-18Ø100C/C	2L-18Ø100C/C
B12	250X600	4-16TOR	6-16TOR	4-16TOR	6-16TOR	4-16TOR	3-16TOR	2L-18Ø150C/C	2L-18Ø150C/C
B13	250X600	3-16TOR	3-16TOR	3-16TOR	3-16TOR	3-16TOR	3-16TOR	2L-18Ø100C/C	2L-18Ø100C/C
B14	250X600	2-16TOR	2-16TOR	2-16TOR	2-16TOR	2-16TOR	2-16TOR	2L-18Ø150C/C	2L-18Ø150C/C
B15	250X600	2-16TOR	2-16TOR	2-16TOR	2-16TOR	2-16TOR	2-16TOR	2L-18Ø150C/C	2L-18Ø150C/C
LB	200X600	2-16TOR+1-12TOR	2-16TOR	2-16TOR+1-12TOR	2-16TOR	2-16TOR+1-12TOR	2-16TOR	2L-18Ø150C/C	2L-18Ø150C/C
MB	250X600	6-16TOR	3-16TOR	6-16TOR	3-16TOR	6-16TOR	3-16TOR	2L-18Ø100C/C	2L-18Ø200C/C

COLUMN SCHEDULE  
GRADE OF CONCRETE - M30

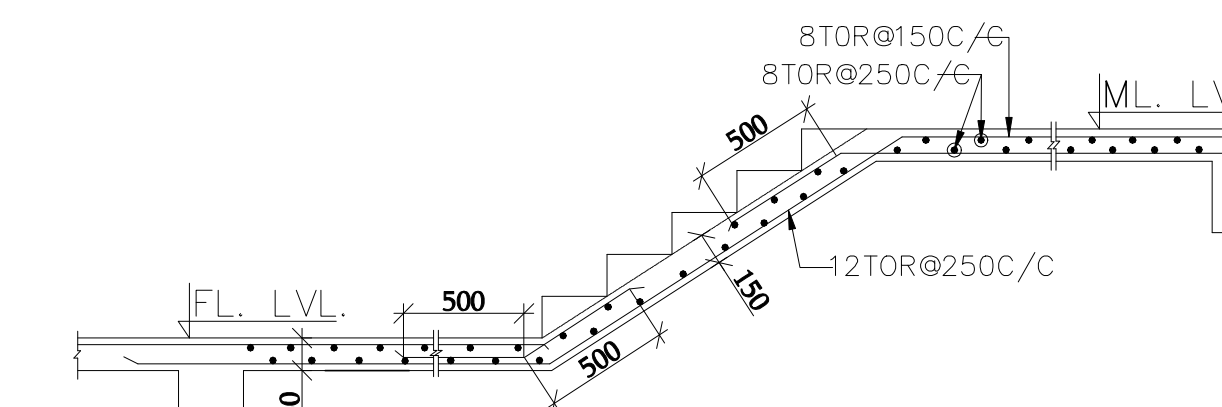
FLOOR	18-20TOR	16-20TOR	6-20TOR+10-16TOR	6-16TOR+18-20TOR	52-20TOR	26-20TOR
5TH FLOOR TO ROOF	18-20TOR	16-20TOR	6-20TOR+10-16TOR	6-16TOR+18-20TOR	52-20TOR	26-20TOR
2ND FLOOR TO 5TH FLOOR	18-20TOR	16-20TOR	26-20TOR	24-20TOR	52-20TOR	26-20TOR
1ST FLOOR TO 2ND FLOOR	6-25TOR+12-20TOR	16-20TOR	26-20TOR	24-20TOR	52-20TOR	26-20TOR
FOUNDATION TO 1ST FLOOR	18-25TOR	16-20TOR	26-20TOR	24-20TOR	52-20TOR	26-20TOR
COL SIZE	300X750	300X600	300X900	300X950	300X2500	300X1200
LINK	8TORØ75C/C	AND	8TORØ25C/C			
COL MARKED	C1	C2	C3	C4	C5	C6



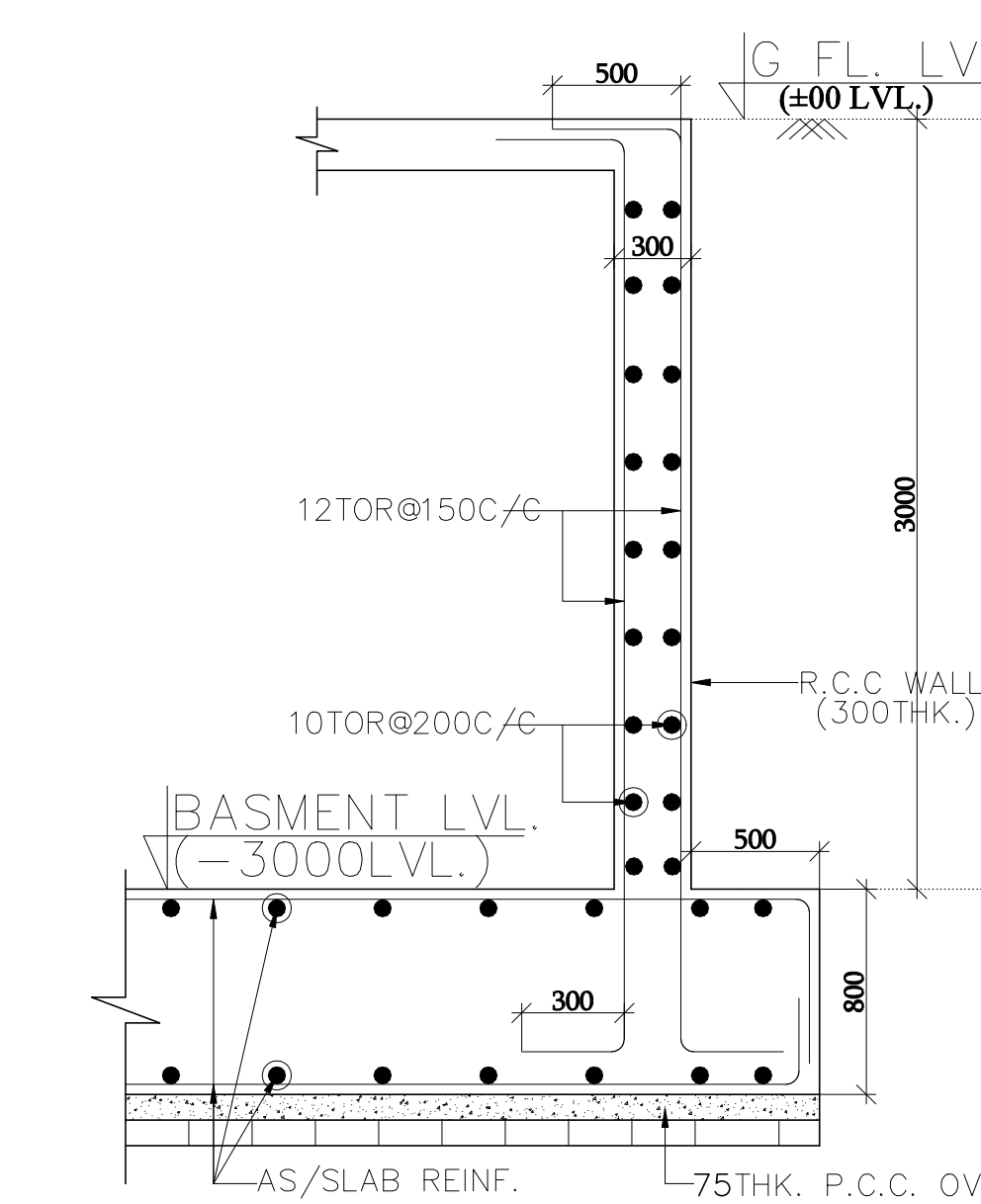
TYPICAL DETAILS OF  
LIFT WALL



TYPICAL SECTION OF RAMP



TYPICAL DETAILS OF STAIR



TYPICAL SECTION OF  
R.C.C WALL FROM RAFT(-3000)

SLAB SCHEDULE  
GRADE OF CONCRETE - M25

SLAB MKD.	DEPTH	REINF. AT SHORTER SPAN	REINF. AT LONGER SPAN
S1	175	10TORØ125C/C (T) 10TORØ125C/C (B)	10TORØ200C/C (T) 10TORØ200C/C (B)
S2	175	10TORØ125C/C (T) 10TORØ125C/C (B)	10TORØ150C/C (T) 10TORØ150C/C (B)
S3	175	10TORØ125C/C (T) 10TORØ125C/C (B)	10TORØ150C/C (T) 10TORØ150C/C (B)
S4	150	8TORØ150C/C	8TORØ150C/C
S5	150	8TORØ150C/C	8TORØ150C/C
S6	175	10TORØ200C/C (T) 10TORØ125C/C (B)	10TORØ200C/C (T) 10TORØ125C/C (B)

- NOTES:-
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
  2. ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
  3. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
  4. THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
  5. ALL GRADE OF CONCRETE - M25
  6. ALL MATERIALS SHALL CONFORM TO RELEVANT IS CODES.
  7. FOR STEEL GRADE - 500 IS: IS: 1786-1979
  8. ALL DISTRIBUTION BARS ARE 8 Ø 250 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
  9. ALL CHAIRS ARE 10 Ø AND TO BE PROVIDED WHEREVER REQUIRED.
  10. ALL SPACER BARS ARE 25 Ø 300 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
  11. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
  12. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
  13. MINIMUM CLEAR COVER TO RING REINFORCEMENT IS AS FOLLOWS:
 

MEMBER	TOP	BOTTOM	SIDE
a. FOUNDATION BEAM & SLAB	50	50	50
b. COLUMN			40
c. FLOOR BEAM	30	30	30
d. THE BEAM	30	30	30
e. FLOOR SLAB	20	20	20
  14. THIS DRAWING IS THE PROPERTY OF M/S S.P.A CONSULTANT AND CANNOT BE COPIED OR USED WITHOUT THEIR WRITTEN PERMISSION.

SCHEDULE OF LAND

1. MORZA - DABORAM
2. I.L. NO - 42
3. PLOT NO - 138, 139, 140, 151, 160, (R.)
4. PLOT NO - 38
5. PLOT NO - 38/1, 38/2 (R.)
6. PLOT NO - 4
7. PLOT NO - 42 (R.)
8. KHATHAN NO - 4771 (R.S.)
9. P.S. - BHAKTINAGAR
10. DIST. - MALPAGURI

CERTIFICATE OF ARCHITECT

I DO HEREBY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN PREPARED AS PER PROVISIONS OF S.M.C. BUILDING RULES OF 2009 AS AMENDED TIME THAT THE WIDTH OF THE BUILDING BEING CONFORM WITH THE BUILDING PLAN AND IT IS NOT A TANK OR A FILLED UP TANK. THE SITE IS DEMARCATED BY BOUNDARY WALLS AND MEASUREMENT AGREED WITH THE DEED PLAN. IT IS FULLY OCCUPIED BY THE OWNER.

SIGNATURE OF ARCHITECT

CERTIFICATE OF OWNER

THIS IS TO CERTIFY THAT THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION AND SUPER-STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE WITH ALL RESPECTS.

SIGNATURE OF OWNER

CERTIFICATE OF STRUCTURAL ENGINEER

THIS IS TO CERTIFY THAT THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION AND SUPER-STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE WITH ALL RESPECTS.

SIGNATURE OF STRUCTURAL ENGINEER  
SANJIV J. PAREKH  
M.E. (STRUC.) PGCEM (ENGL)-1  
MSECE ASCE AM-25212  
E.S.E-A-13 S.M.C.

SIGNATURE OF GEO-TECH ENGINEER

PROJECT  
PROPOSED (B+G+VI) STORED RESIDENTIAL CUM COMMERCIAL BUILDING OF SHRI VINAYAK BUILDERS AT PRANAMI MANDIR ROAD, TOTTI NAGAR, P.O. SILIGURI, P.S. BHAKTINAGAR, DIST. MALPAGURI.

TITLE -

STRUCTURAL DRAWING FOR CORPORATION (BLOCK-1)

ARCHITECT -

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DRAWN BY - CHECKED BY - DATE - SCALE -  
Deyaj Deyaj 14.09.2022 1:100, 25

JOB NO. 2021\_103 M/S/S  
DRG. NO. 2021/103/MBV/S.P.A/P.MA

