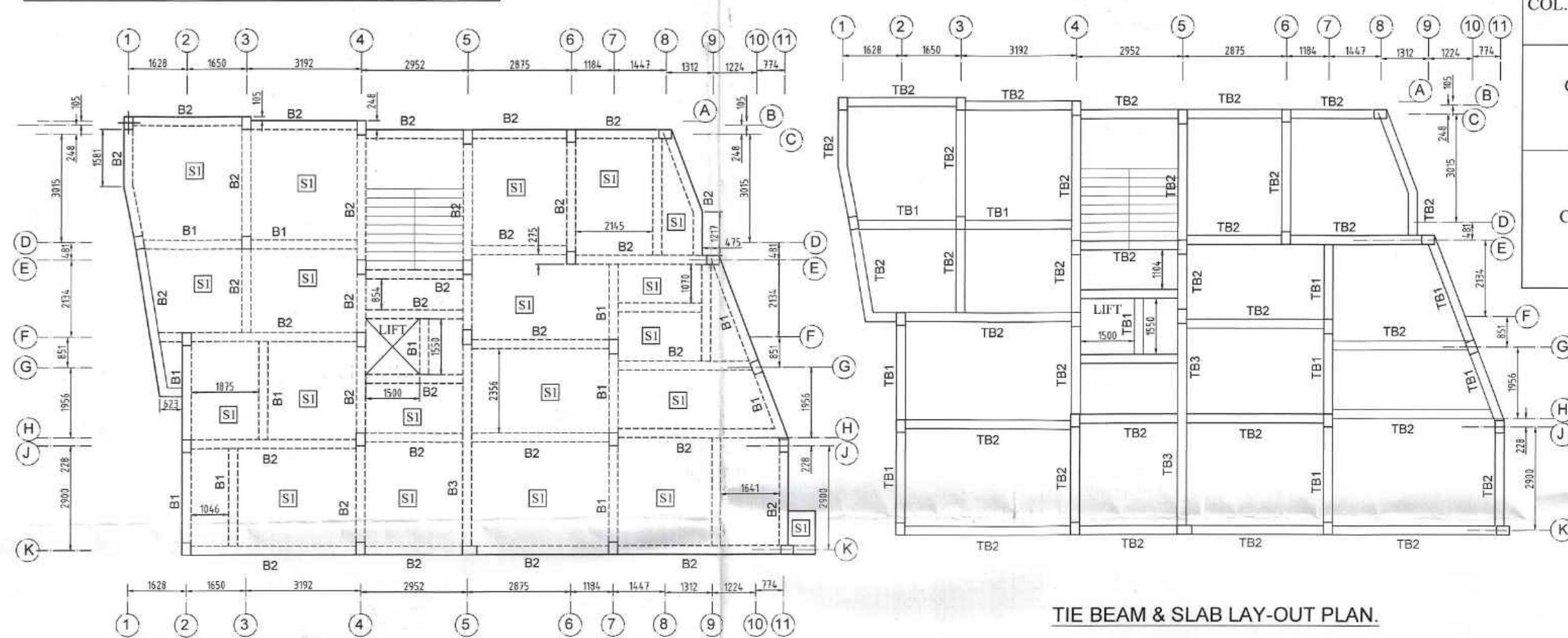
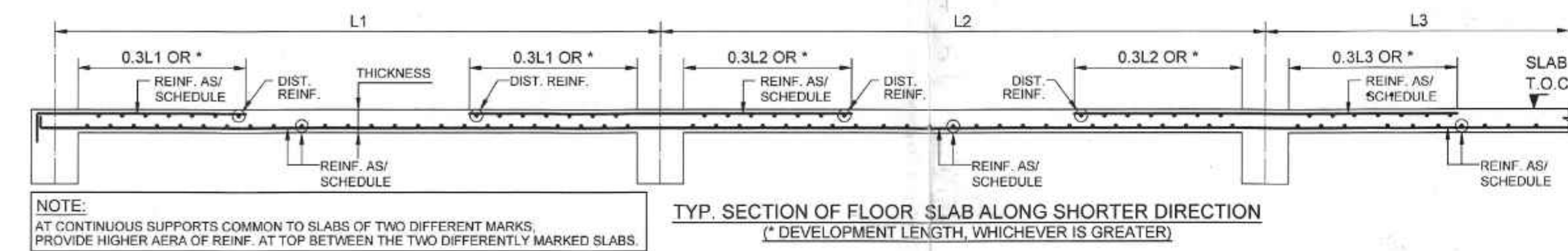
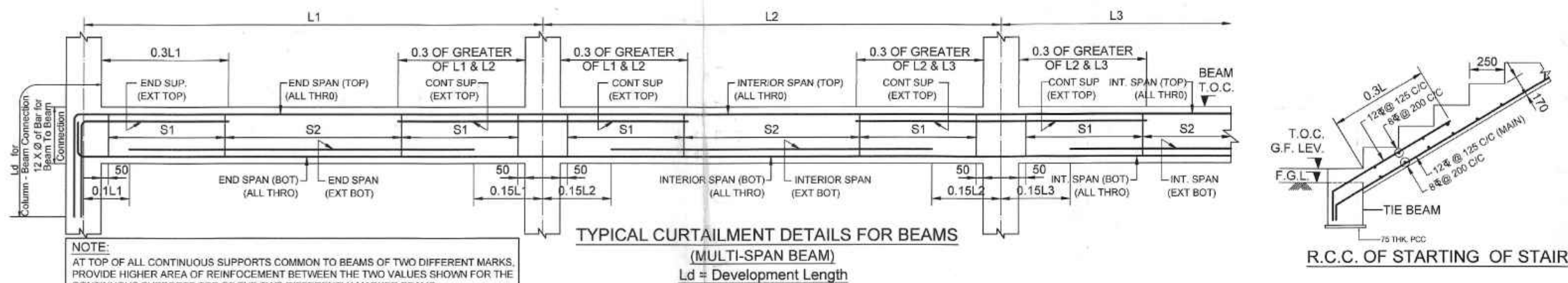
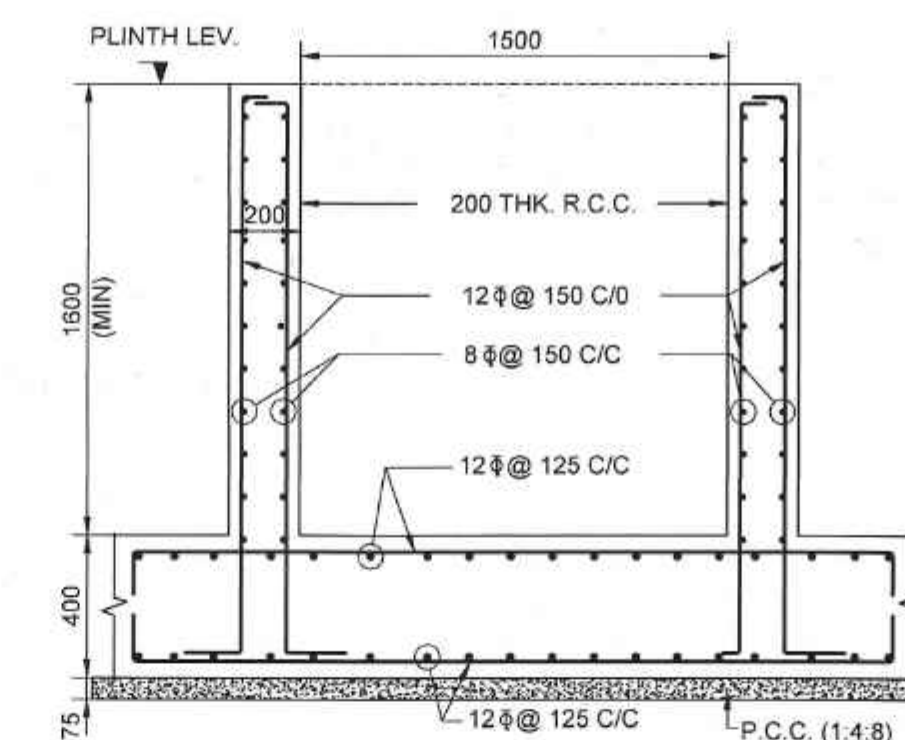
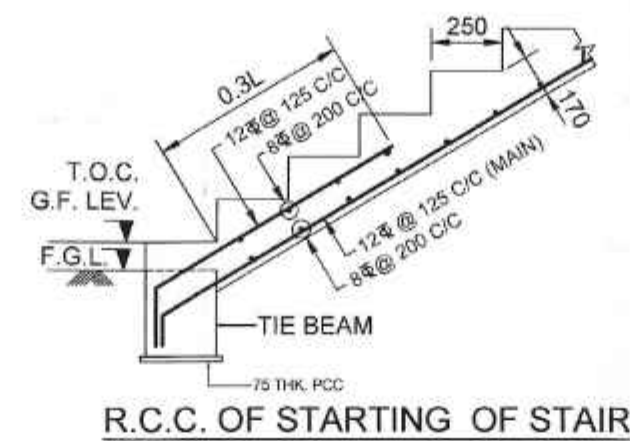
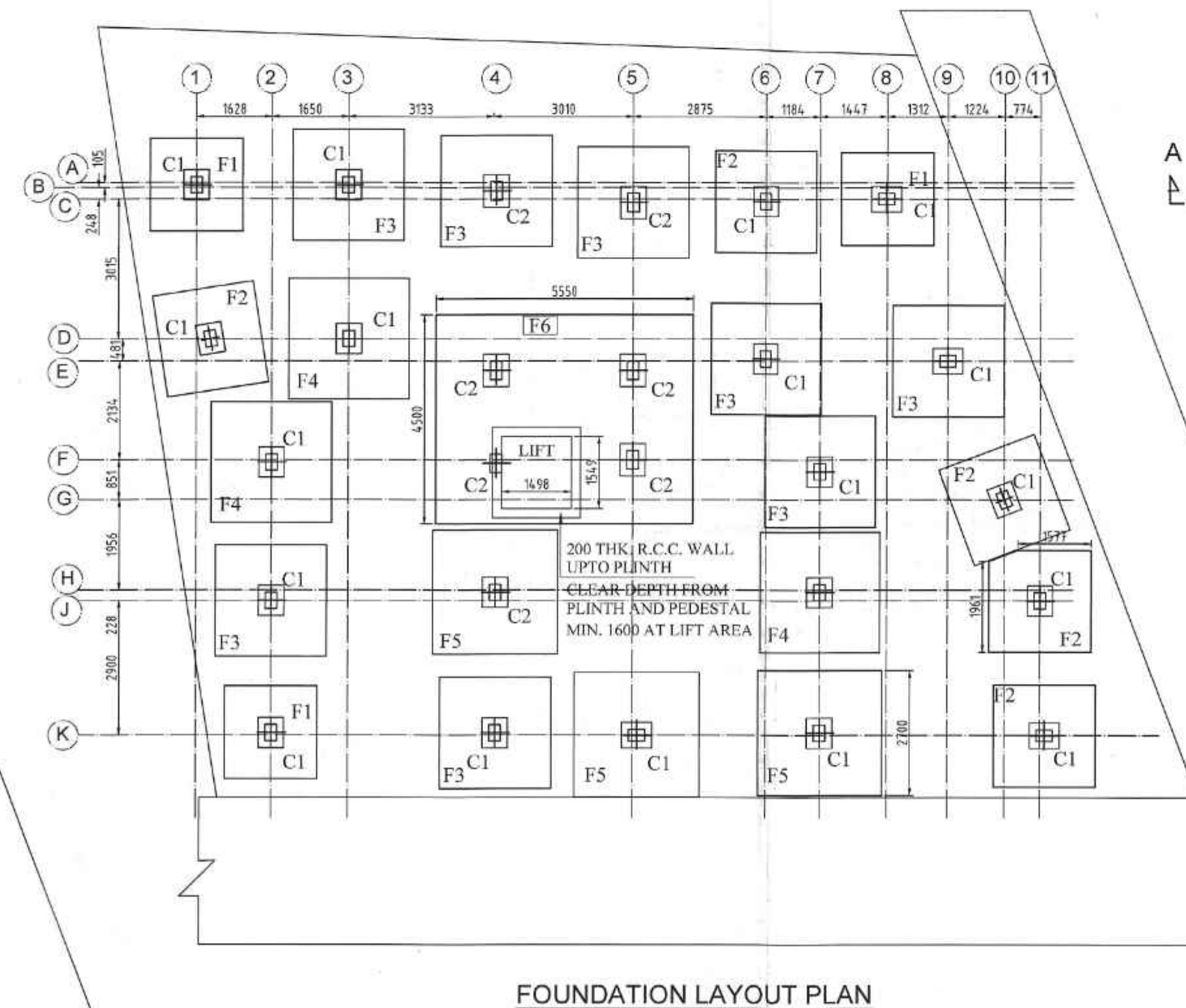
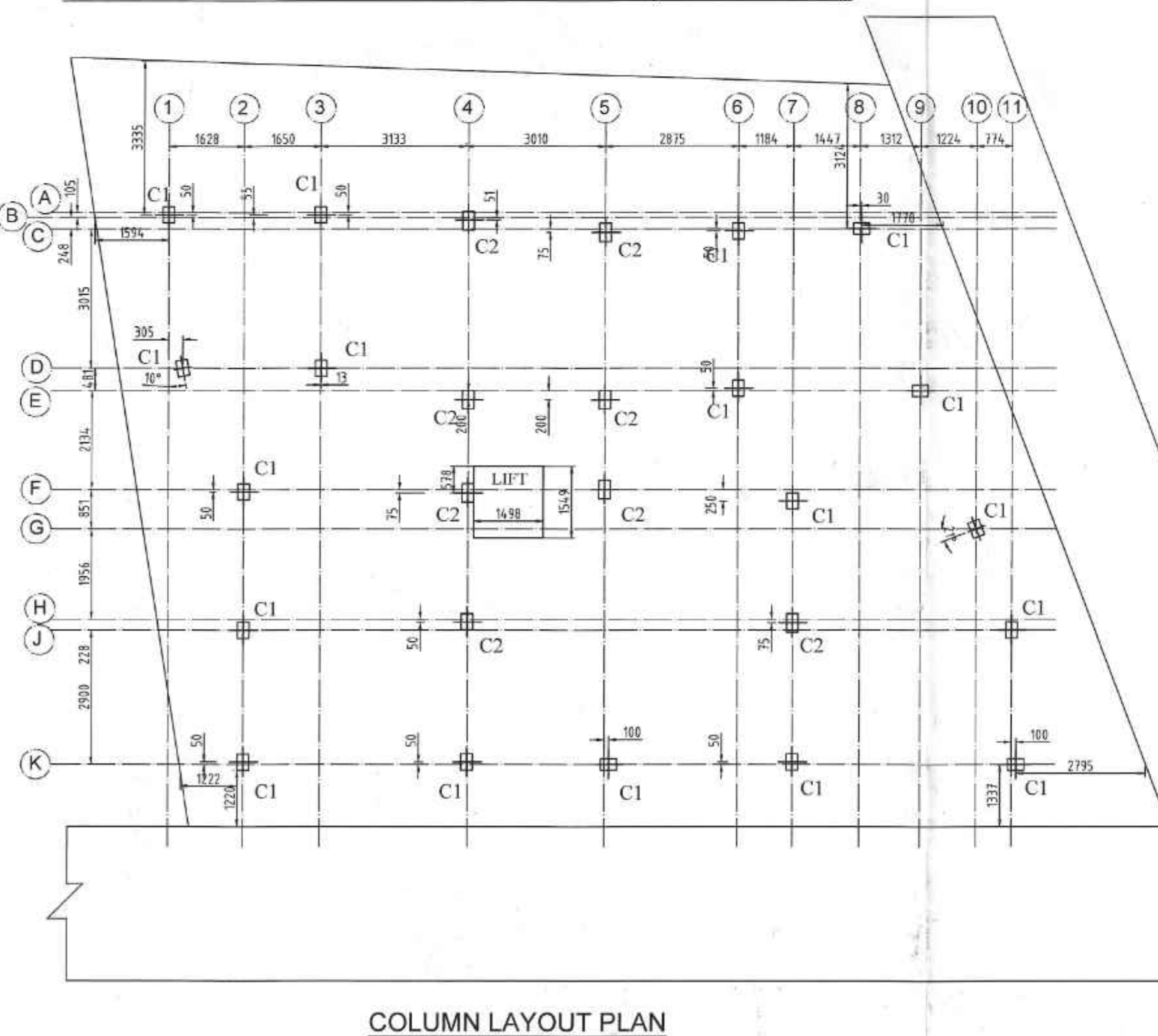


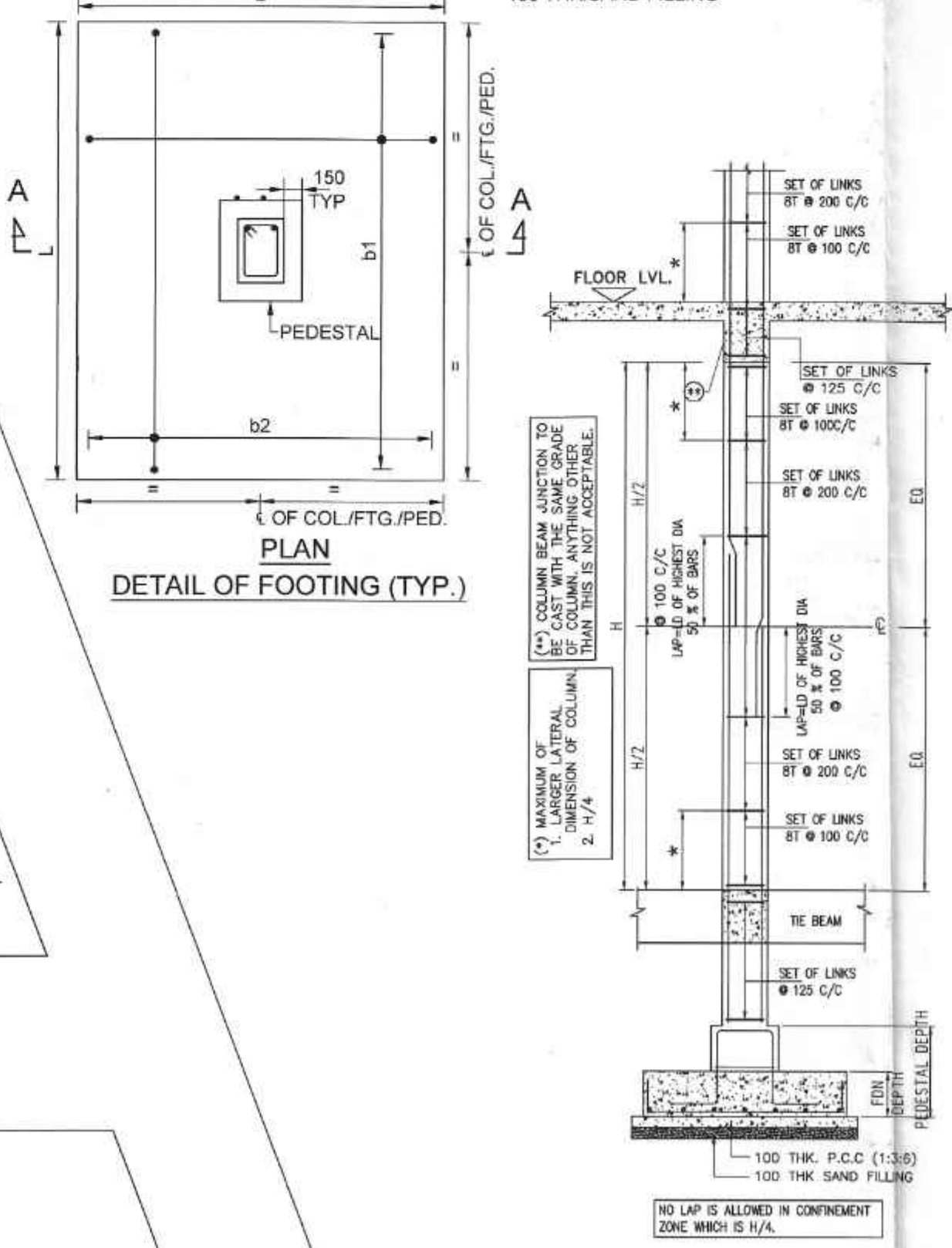
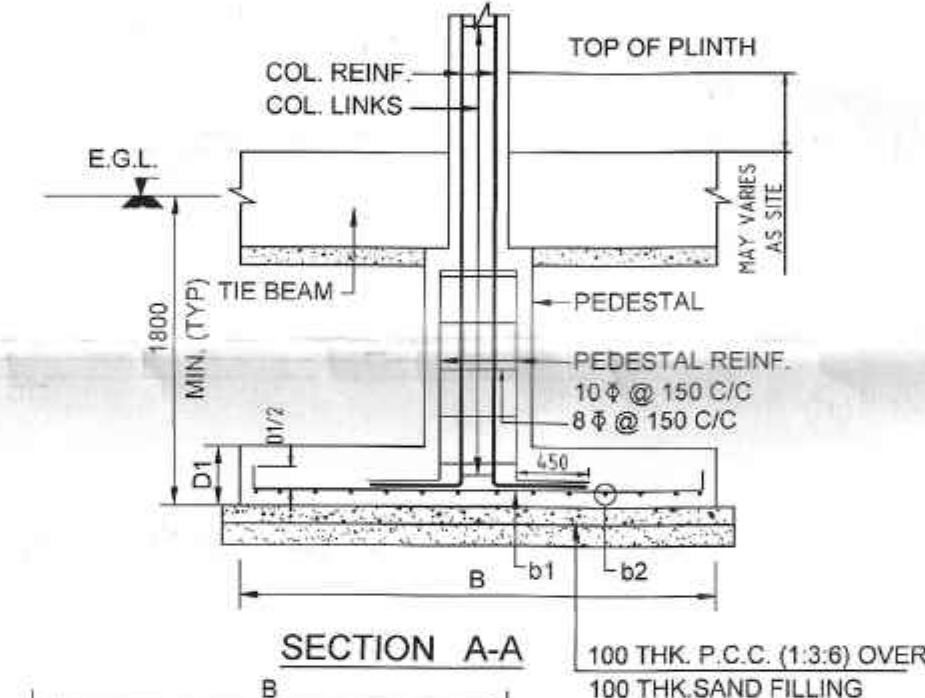


TYPICAL FLOOR BEAM & SLAB LAY-OUT PLAN (1ST TO 3RD FL.)



SCHEDULE OF COLUMNS	
COL. MKD.	FROM FND. LEV. TO ROOF LEV.
C1	8-16 Φ 88 LINKS @ 125-200 C/C (2 PER SET)
C2	10-16 Φ 88 LINKS @ 125-200 C/C (3 PER SET)

SCHEDULE OF ISOLATED FOOTINGS					
FTG. TYPE	FND. DEPTH	FOOTING SIZE		FTG. SLAB THICK (D1) (mm)	FOOTING REINFORCEMENT BOTTOM
		L (mm)	B (mm)		(Along Long) b1, b2
F1	2000	2000	2000	250	12 Φ @ 150 C/C, 12 Φ @ 150 C/C
F2	2000	2200	2200	250	12 Φ @ 125 C/C, 12 Φ @ 125 C/C
F3	2000	2400	2400	300	12 Φ @ 115 C/C, 12 Φ @ 100 C/C
F4	2000	2600	2600	350	12 Φ @ 115 C/C, 12 Φ @ 100 C/C
F5	2000	2700	2700	350	12 Φ @ 100 C/C, 12 Φ @ 100 C/C
F6	2000	5550	4500	400	12 Φ @ 100 C/C (T), 16 Φ @ 100 C/C (B), 16 Φ @ 100 C/C (B)



SCHEDULE OF SLABS						
SLAB MKD.	SLAB THK. (mm)	REINFORCEMENT				
		ALONG SHORTER DIRECTION			ALONG LONGER DIRECTION	
		DISCON. SUP. (TOP)	SPAN (BOTT.)	CONT. SUP. (TOP)	DISCON. SUP. (TOP)	SPAN (BOTT.)
S1	125	8 Φ @ 125 C/C	8 Φ @ 125 C/C	8 Φ @ 125 C/C	8 Φ @ 125 C/C	8 Φ @ 125 C/C

SCHEDULE OF TIE BEAM & FLOOR BEAM							
BEAM MKD.	SIZE	REINFORCEMENT					
		END SUPP.		SPAN		CONT. SUPP.	
		TOP	BOTT.	TOP	BOTT.	TOP	BOTT.
B1	250	2-16 Φ 1-16 Φ	2-16 Φ	2-16 Φ 1-16 Φ	2-16 Φ 1-16 Φ	2-16 Φ 1-16 Φ	2-16 Φ 1-16 Φ
B2	250	2-16 Φ 1-16 Φ	2-16 Φ	2-16 Φ 1-16 Φ	2-16 Φ 1-16 Φ	2-16 Φ 1-16 Φ	2-16 Φ 1-16 Φ
B3	250	3-16 Φ 1-16 Φ	3-16 Φ	3-16 Φ 1-16 Φ	3-16 Φ 1-16 Φ	3-16 Φ 1-16 Φ	3-16 Φ 1-16 Φ

- NOTES.**
- ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN M. & FIGURED DIMENSIONS ARE TO BE FOLLOWED.
 - ± 0.00 CORRESPONDS TO GROUND LEVEL.
 - THIS DRG. SHALL BE READ IN CONJUNCTION WITH LATEST ARCH. DWG.
 - GRADE FOR REINFORCEMENT CONCRETE SHALL BE M-25 FOR FOUNDATION AND M-25 FOR SUPER STRUCTURE.
 - ALL REINFORCEMENT SHALL BE OF H.Y.S.D. BARS Fe-500 CONFORMING TO IS: 1786 - 2008.
 - UNLESS SPECIFIED OTHERWISE, NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED / SPLICED AT ANY SECTION.
 - UNLESS SPECIFIED OTHERWISE, THE MINIMUM CLEAR CONCRETE COVER FOR PROTECTION OF REINFORCEMENT SHALL BE AS FOLLOWS:-
- | ITEMS | TOP | BOTTOM |
|--------------------|-----|--------|
| FOUNDATION | 50 | 50 |
| TIE / FLOOR BEAM | 25 | 25 |
| COLUMN | - | 50 |
| FLOOR / WAIST SLAB | 20 | 20 |
- UNLESS SPECIFIED OTHERWISE ALL HOOKS, BENDS, SPLICES ETC. SHALL BE AS PER LATEST IS: 456 AND OTHER RELEVANT INDIAN STAND.
 - ANY DISCREPANCY OBSERVED BETWEEN THIS STRUCTURAL DRAWING AND RELEVANT ARCHITECTURAL DRAWING SHALL BE BROUGHT TO THE NOTICE AND GET RECONCILED BEFORE EXECUTION.
 - THE NET BEARING PRESSURE FOR FOUNDATION DESIGN HAS BEEN KEPT WITHIN 13.0 T/M² AT 2.0 M. BELOW GROUND LEVEL.
 - GRADE OF CONCRETE - M-25
 - GRADE OF STEEL - Fe-500.

GAURAV JAIN
Structural Engineer (BSE)/17864
Kolkata Municipal Corporation

SIGNATURE OF STRUCTURAL ENGINEER

ACHINTYA HALDER
Structural Engineer (BSE)/17864
Kolkata Municipal Corporation

SIGNATURE OF ENGINEER

CAD CAMPUS
ARCHITECT'S, ENGINEER'S,
VALUER'S
OFFICE- 14A/8/35, SEPCO
TOWNSHIP, B-ZONE,
DURGAPUR-713205.
CALL- 7602008604, 9332038483.

AIN NO.- SWS-OBPAS/1102/2024/0748 DWG NO.- CD/2024/748