

**SCHEDULE OF COLUMNS**

SIZE AND REINFORCEMENT	REINFORCEMENT	REINFORCEMENT	REINFORCEMENT
10-16@ 125 C/C (3 LINKS PER SET) (2 CLOSED+1 OPEN)	8-8 LINKS @ 200 C/C (4 LINKS PER SET) (3 CLOSED+1 OPEN)	12-16@ 125 C/C (4 LINKS PER SET) (3 CLOSED+1 OPEN)	12-16@ 125 C/C (4 LINKS PER SET)
8-8 LINKS @ 200 C/C (3 LINKS PER SET) (2 CLOSED+1 OPEN)	10-20@ 125 C/C (3 LINKS PER SET) (2 CLOSED+1 OPEN)	12-20@ 125 C/C (4 LINKS PER SET) (3 CLOSED+1 OPEN)	8-8 LINKS @ 200 C/C (4 LINKS PER SET)
C1	C2	C3	C3

**SCHEDULE OF COMBINED FOUNDATION**

FDN. MKD.	LENGTH	BREADTH	THICKNESS	REINFORCEMENT	REINFORCEMENT
CF1	6400	5525	400	12-# @ 125 C/C	10-# @ 125 C/C
CF2	4500	2700	400	12-# @ 125 C/C	10-# @ 125 C/C
CF3	4500	2700	400	12-# @ 125 C/C	10-# @ 125 C/C
CF4	5400	2500	400	12-# @ 125 C/C	10-# @ 125 C/C
CF5	4500	2700	400	12-# @ 125 C/C	10-# @ 125 C/C

**SCHEDULE OF FOUNDATION BEAMS**

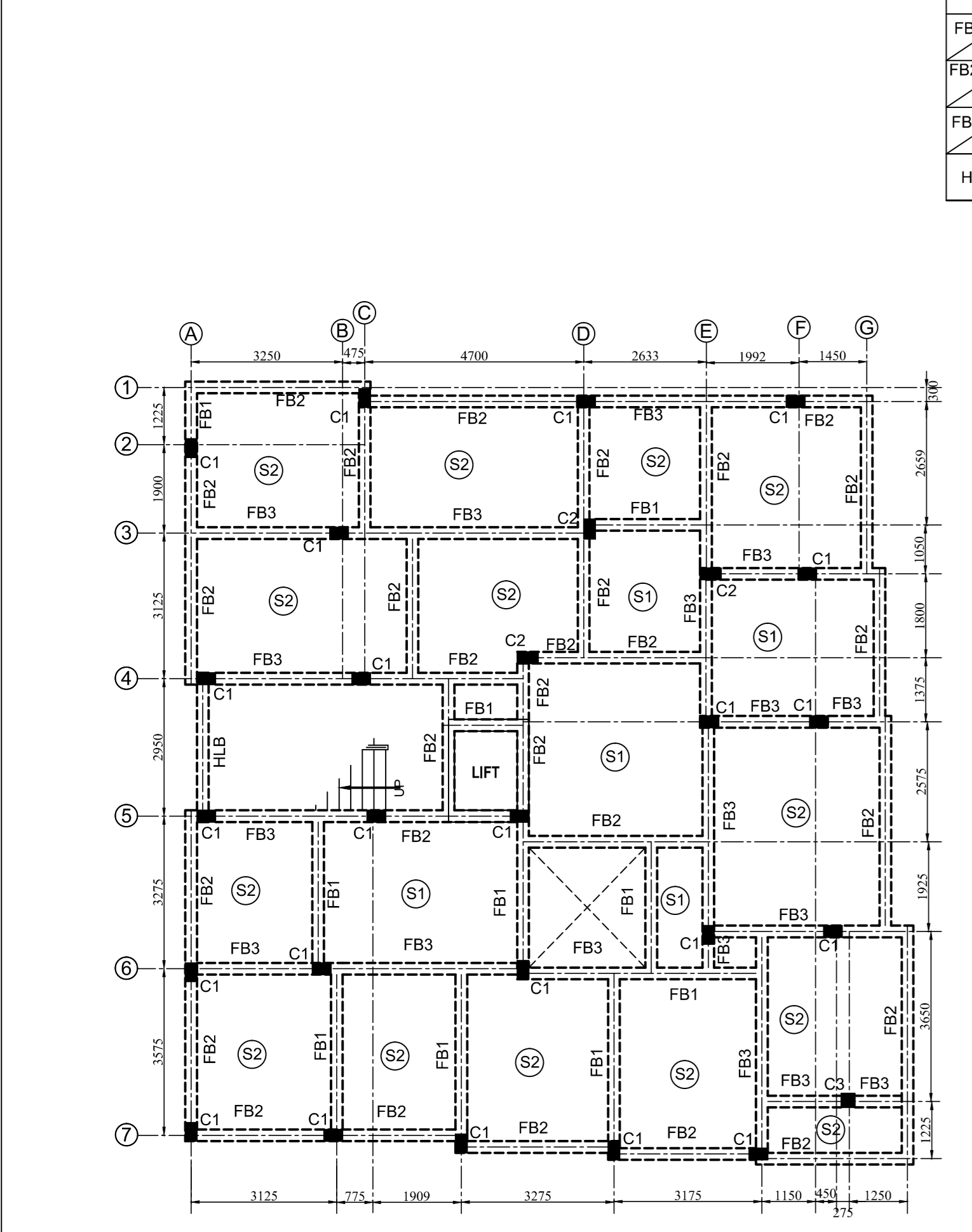
BEAM MKD.	SIZE	REINFORCEMENT	S T I R R U P S
FB1	600 x 600	4-16 @ 150 C/C	125 C/C @ 150 C/C
FB2	600 x 600	4-16 @ 150 C/C	125 C/C @ 150 C/C
FB3	600 x 600	4-16 @ 150 C/C	125 C/C @ 150 C/C

**SCHEDULE OF SLABS**

SLAB MKD.	SLAB THK (mm)	REINFORCEMENT					
		ALONG SHORTER DIRECTION			ALONG LONGER DIRECTION		
		DISCON.SUP. (TOP)	SPAN (BOT.)	CONT. SUP. (TOP)	DISCON.SUP. (TOP)	SPAN (BOT.)	CONT. SUP. (TOP)
S1	125	8-# @ 125 C/C	8-# @ 125 C/C	8-# @ 125 C/C	8-# @ 125 C/C	8-# @ 125 C/C	8-# @ 125 C/C
S2	125	8-# @ 125 C/C	8-# @ 125 C/C	8-# @ 125 C/C	8-# @ 125 C/C	8-# @ 200 C/C	8-# @ 150 C/C

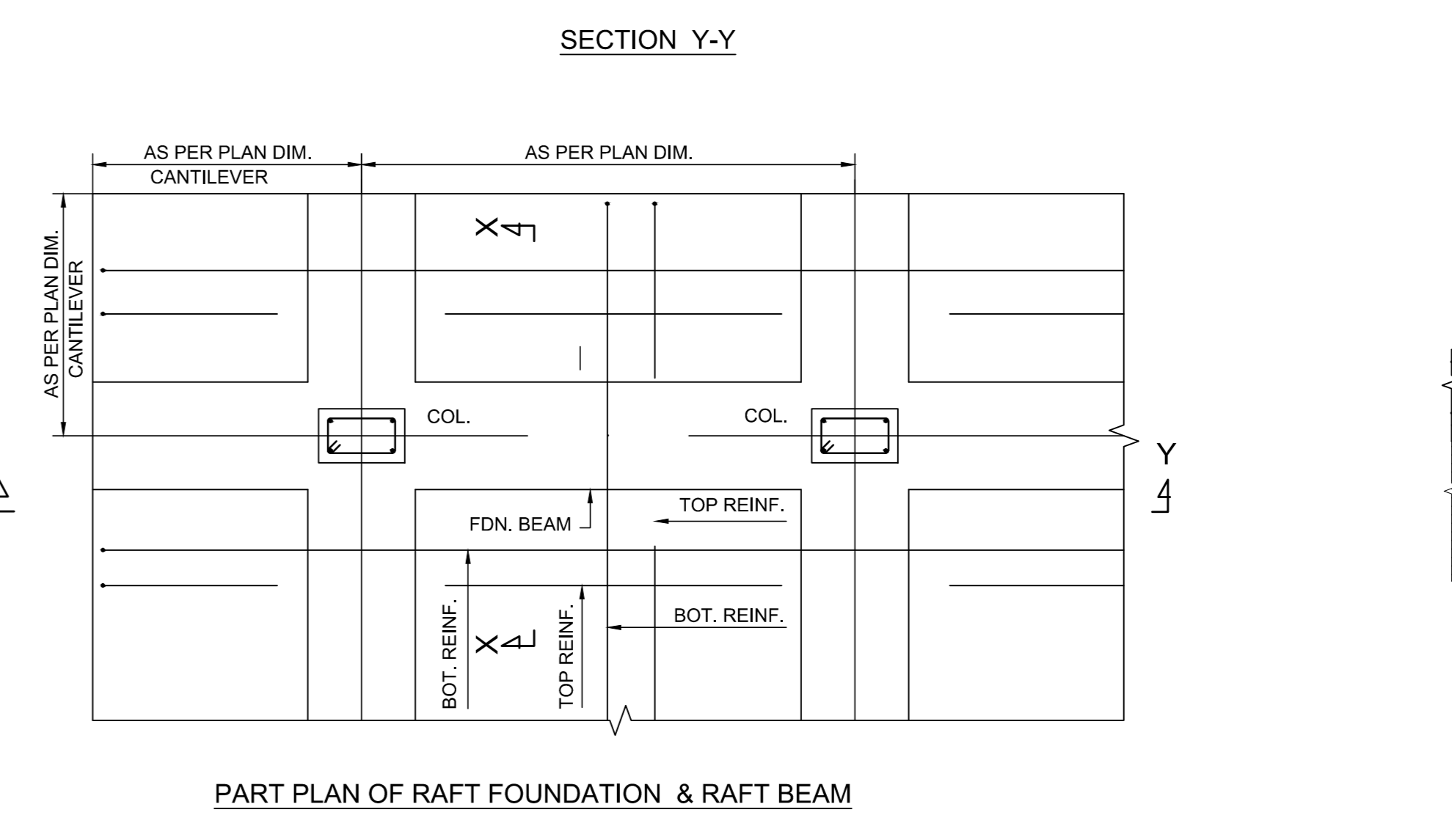
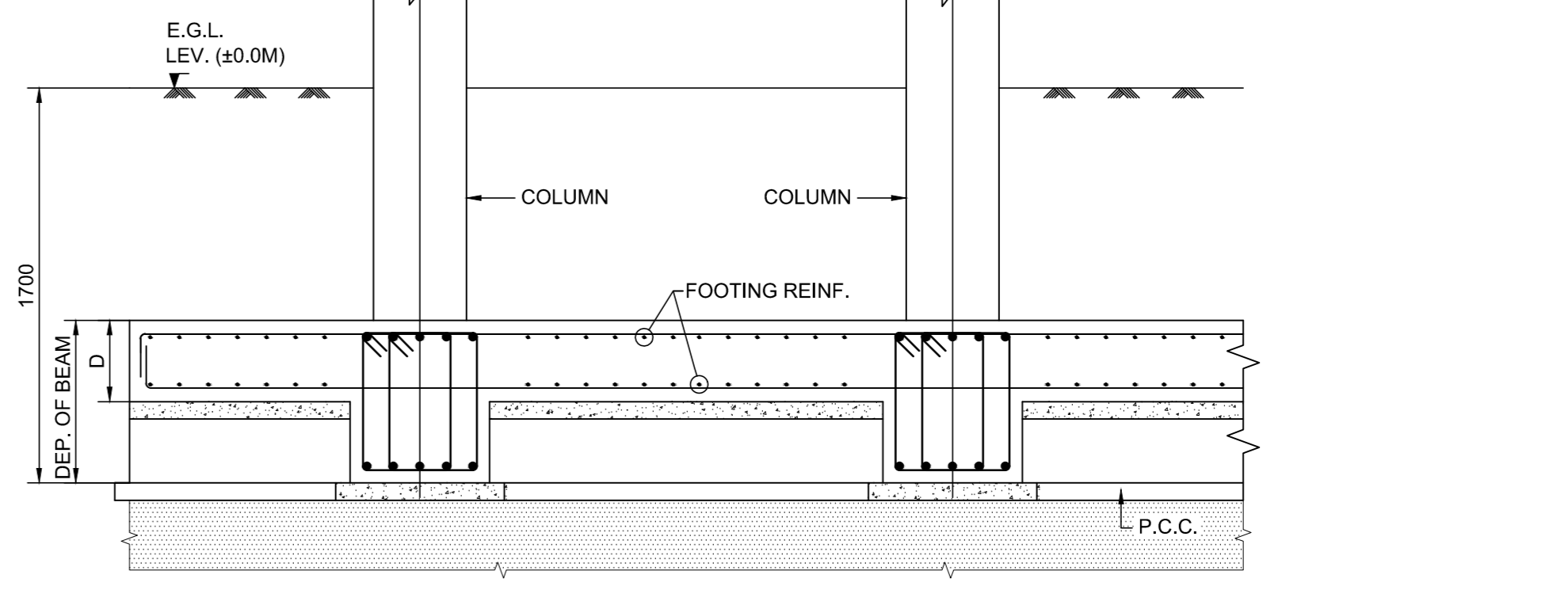
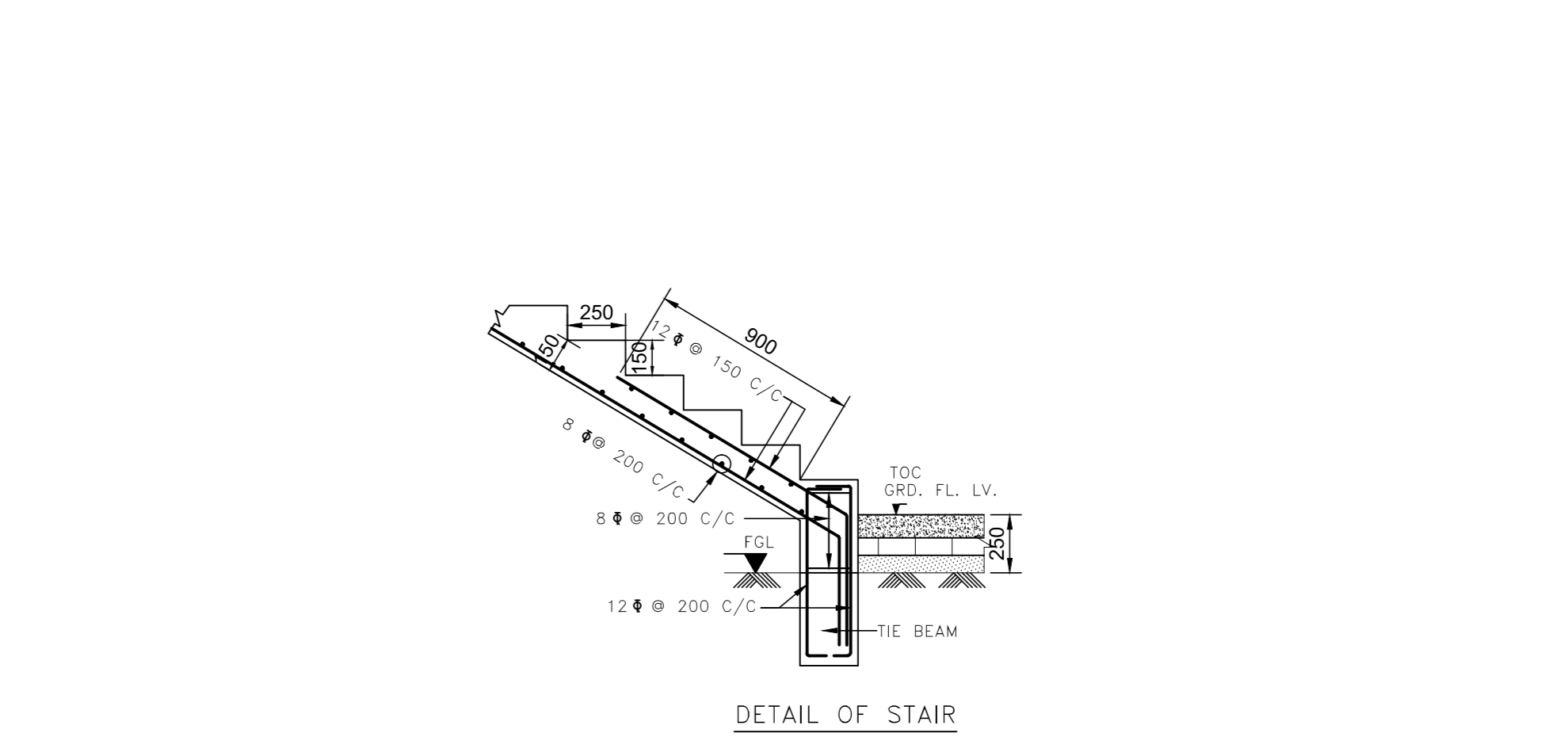
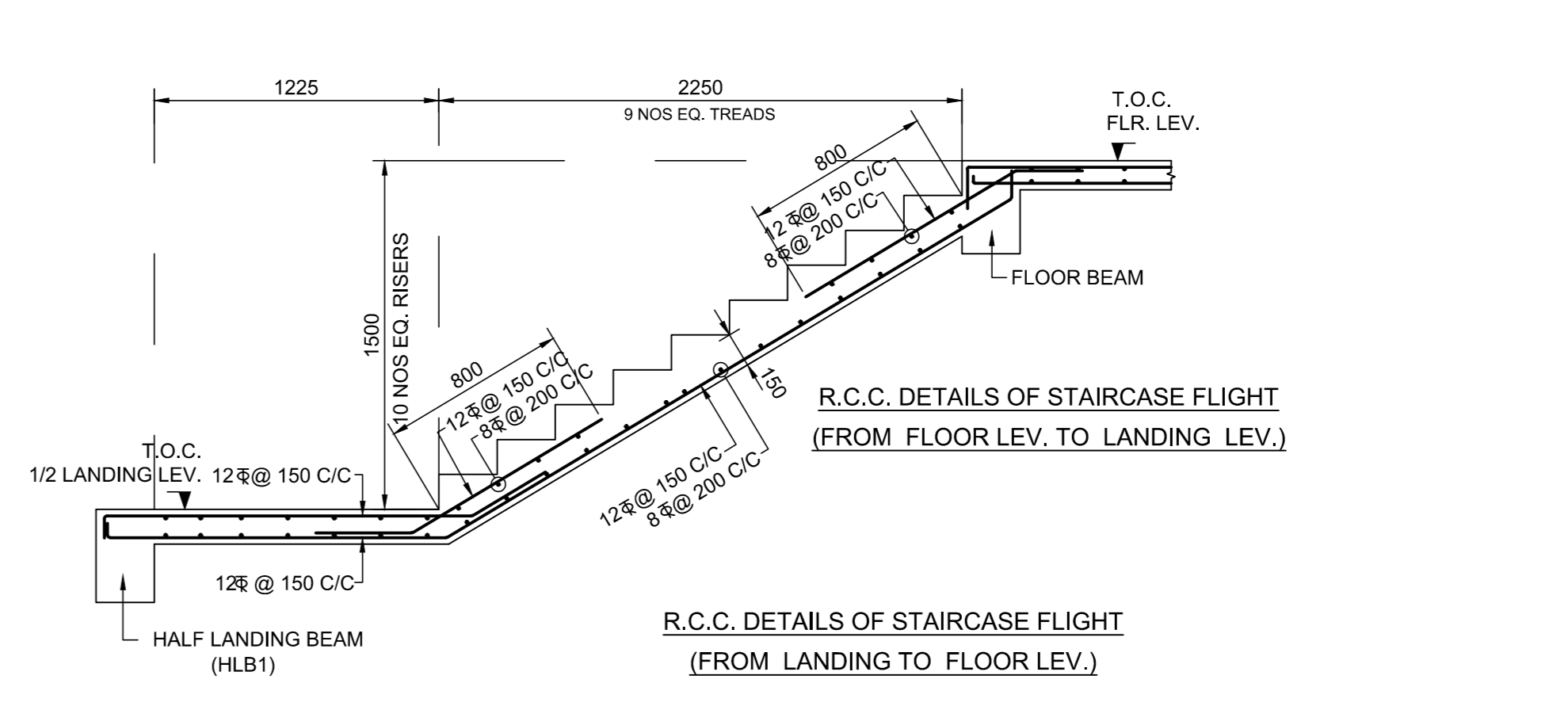
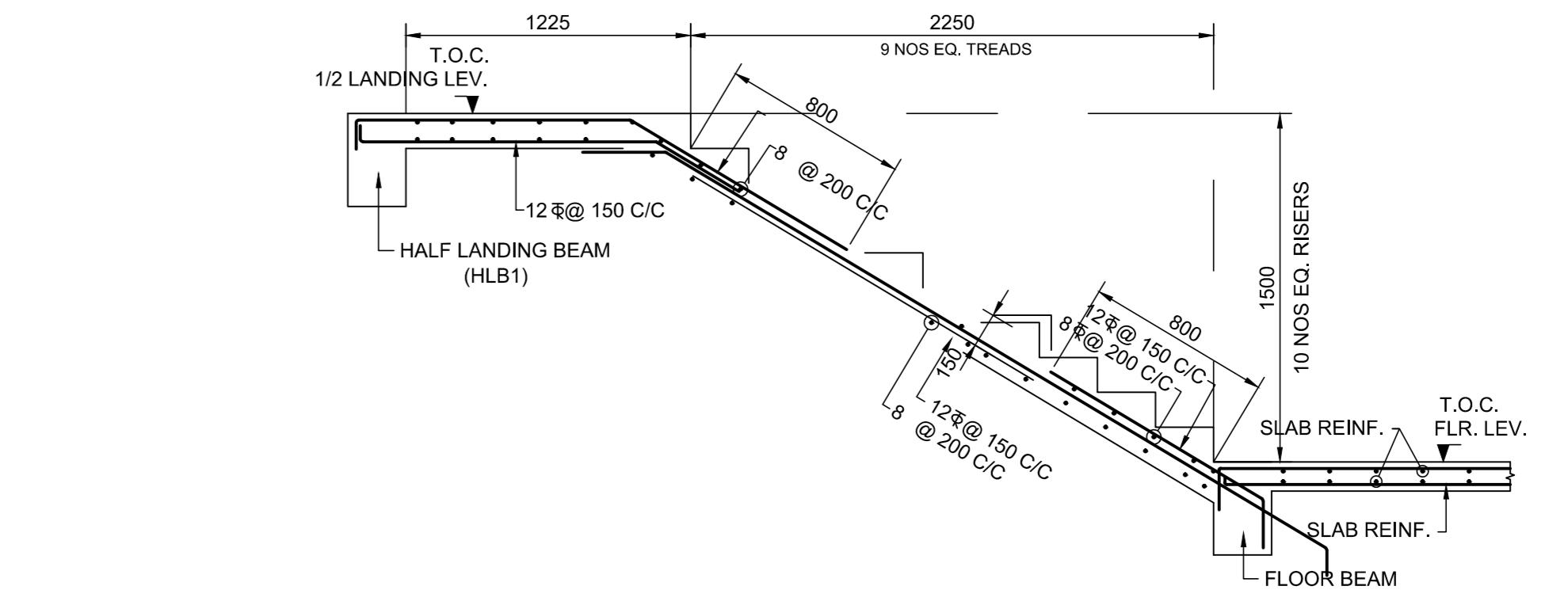
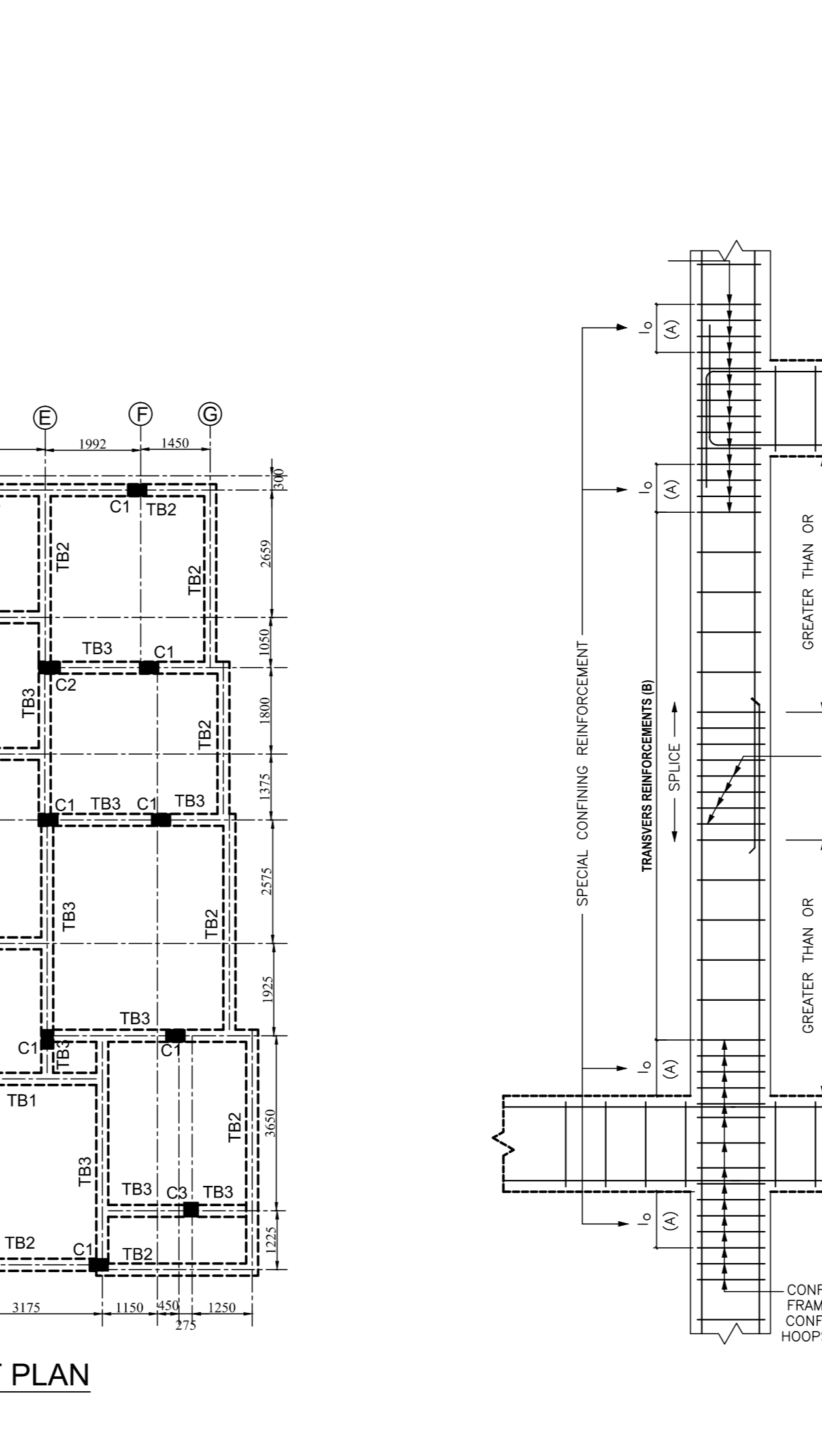
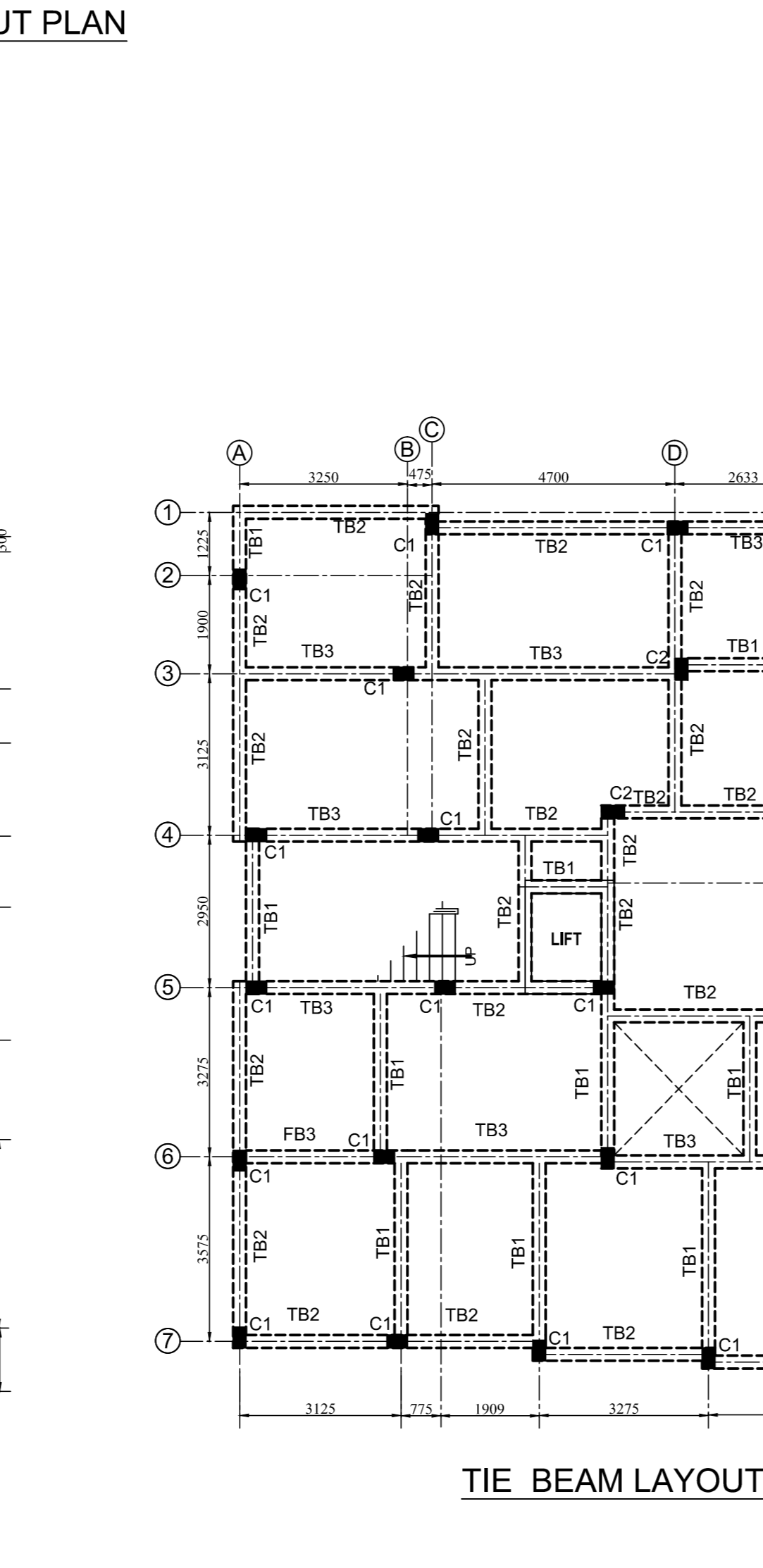
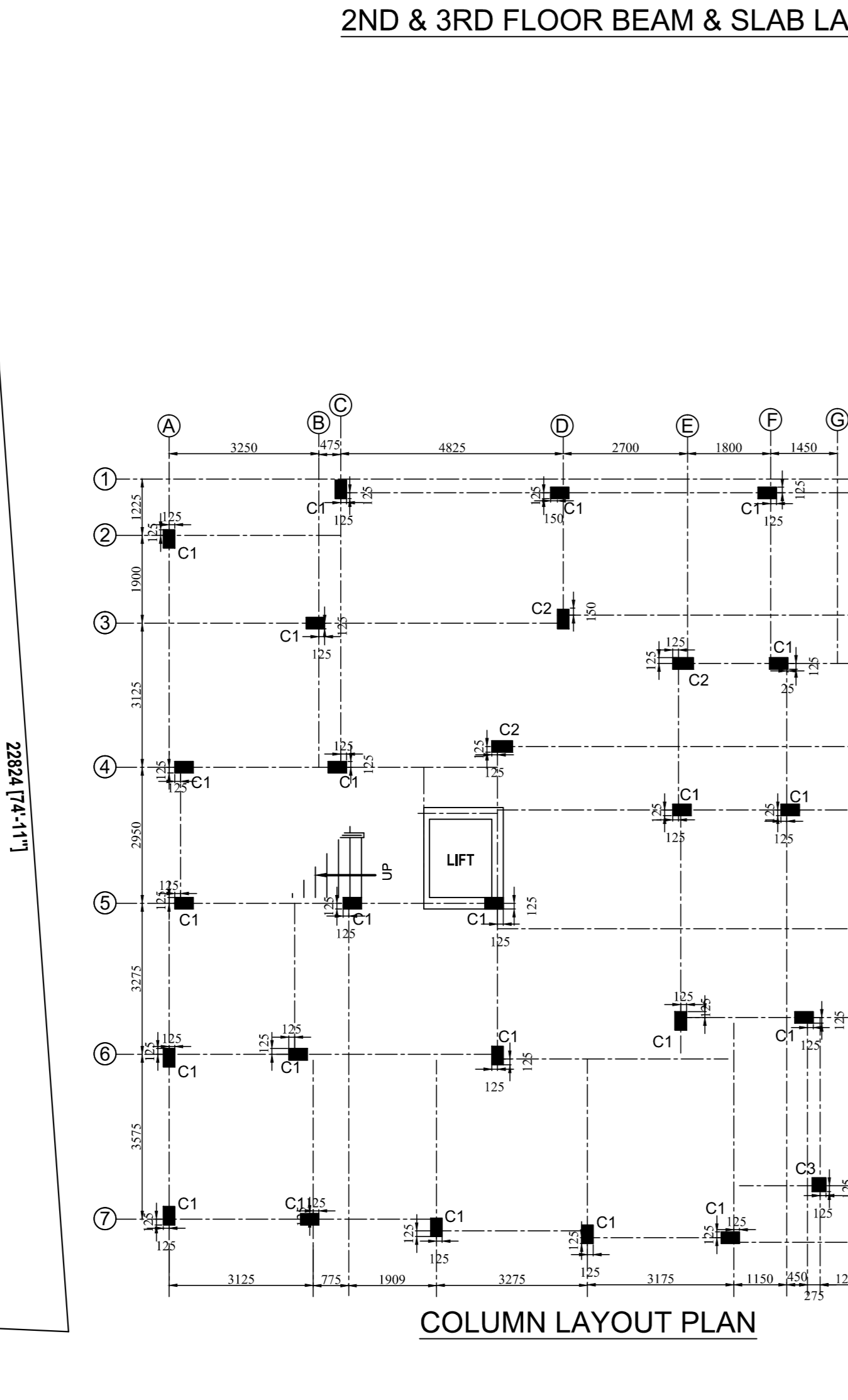
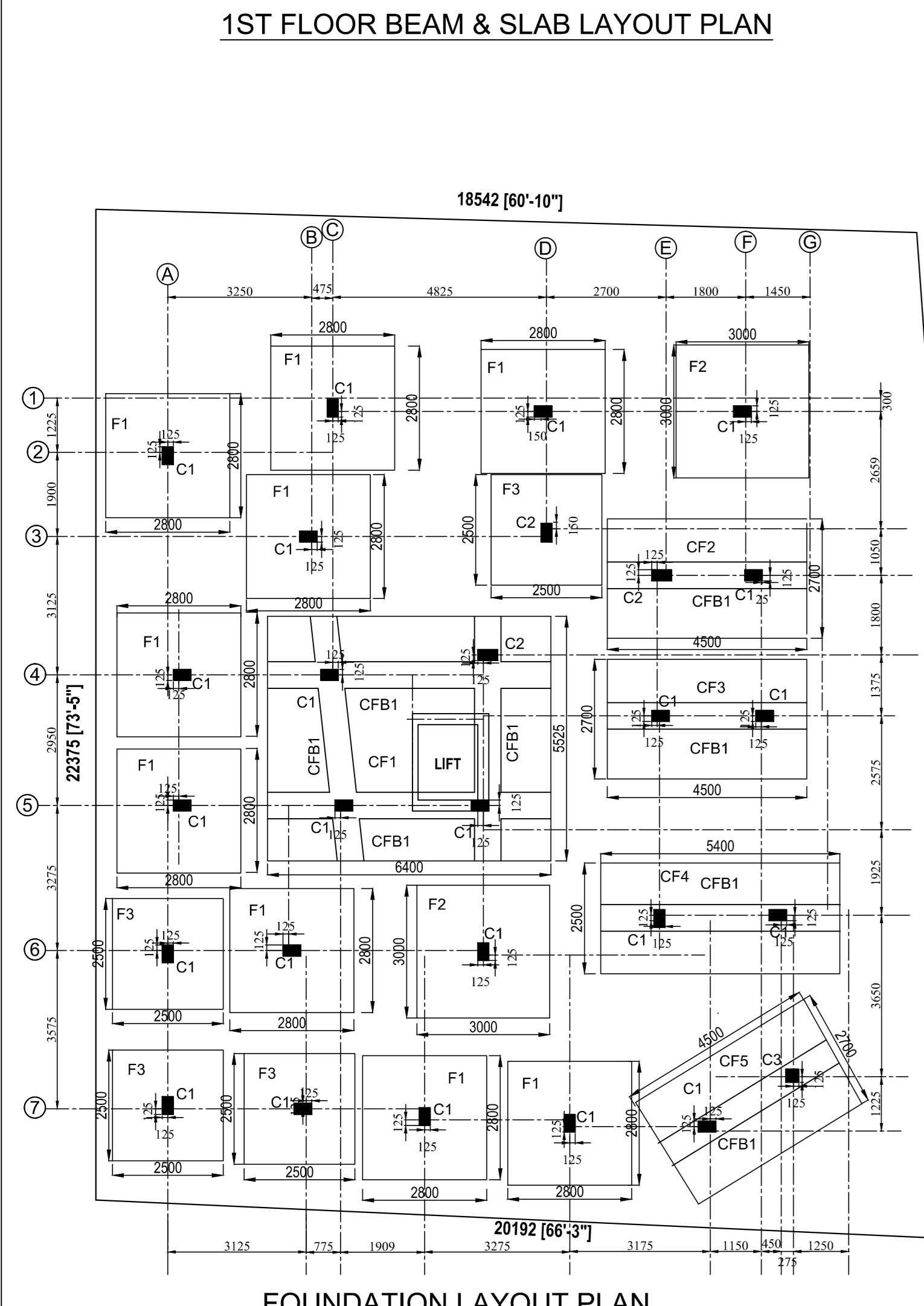
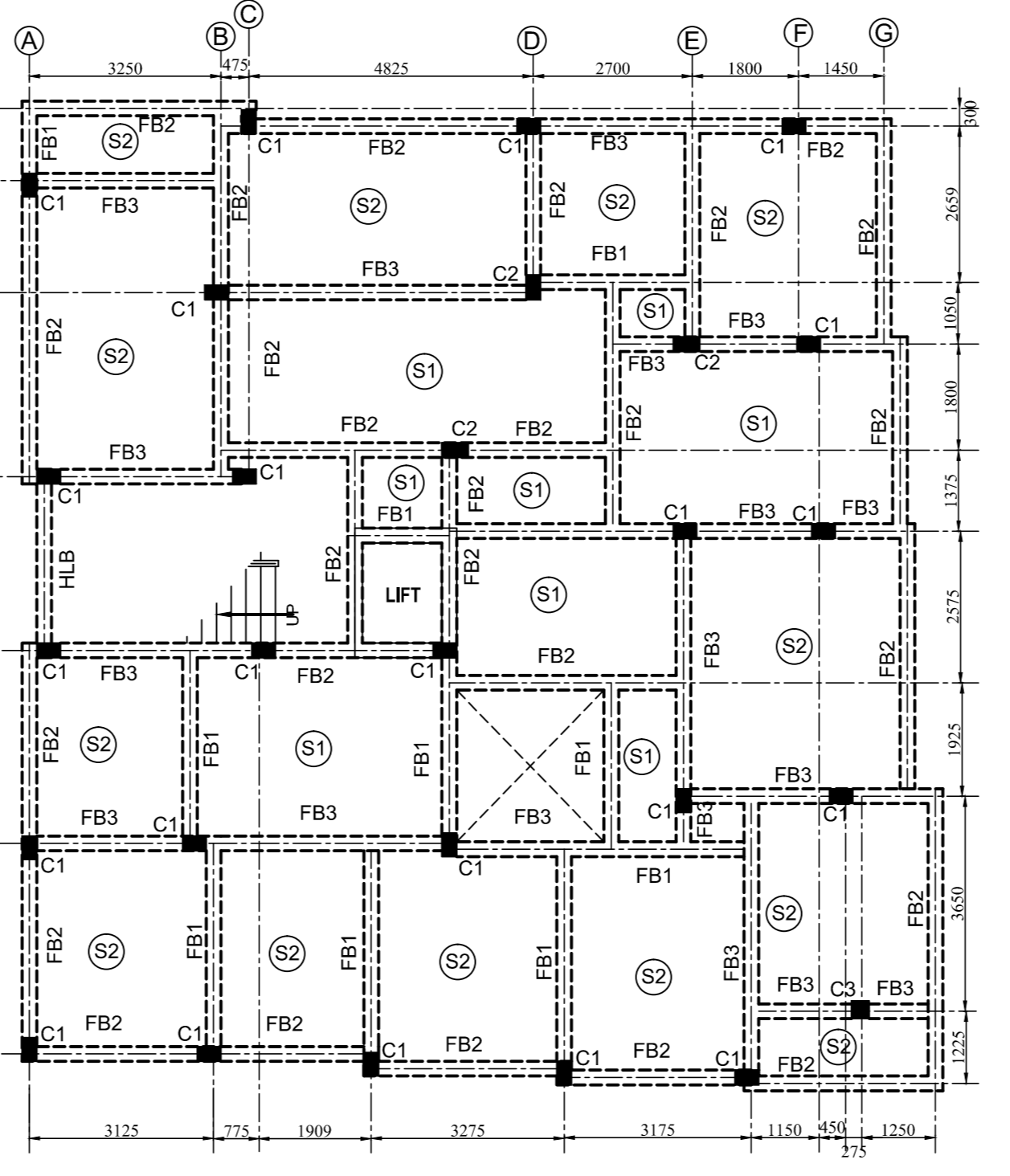
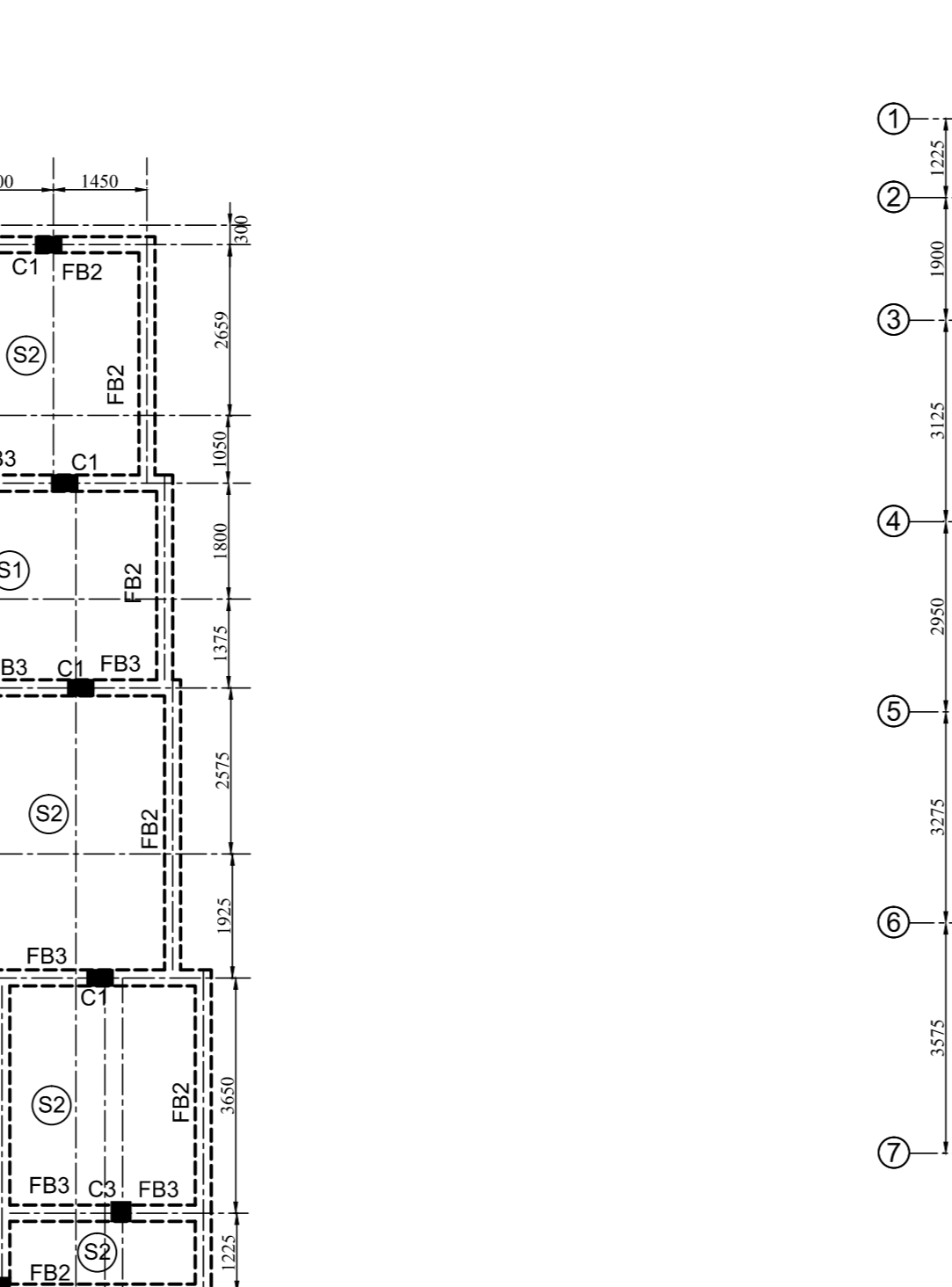
**SCHEDULE OF ISOLATED FOUNDATION**

FDN. MKD.	LENGTH	BREADTH	THICKNESS	REINFORCEMENT	REINFORCEMENT
F1	2800	2800	500	12-# @ 125 C/C	12-# @ 125 C/C
F2	3000	3000	500	12-# @ 115 C/C	12-# @ 115 C/C
F3	2500	2500	450	12-# @ 150 C/C	12-# @ 150 C/C



**SCHEDULE OF TIE BEAM/ FLOOR BEAM**

BEAM MKD.	WIDTH (mm)	DEPTH (mm)	REINFORCEMENT					
			END SUPP.		CONT. SUPP.		STIRRUPS	
			TOP	BOTT.	TOP	BOTT.	(S1)	(S2)
FB1	250	400	2-16 @ 1-16 @	2-16 @ 1-16 @	2-16 @ 3-16 @	2-16 @ 3-16 @	2L-8 @ 125 C/C	2L-8 @ 150 C/C
FB2	250	400	3-16 @ 1-16 @	3-16 @ 1-16 @	3-16 @ 3-16 @	3-16 @ 3-16 @	2L-8 @ 125 C/C	2L-8 @ 150 C/C
FB3	250	400	3-16 @ 3-20 @	3-20 @ 3-20 @	3-16 @ 3-16 @	3-20 @ 3-16 @	2L-8 @ 125 C/C	2L-8 @ 150 C/C
HLB	250	400	3-16 @ 3-16 @	3-16 @ 3-16 @	3-16 @ 3-16 @	3-16 @ 3-16 @	2L-8 @ 125 C/C	2L-8 @ 150 C/C



**PROJECT - BUILDING PLAN**  
 PROPOSED G+11 STORED PRINCIPALLY RESIDENTIAL PARTLY COMMERCIAL BUILDING AT NIPENDRA SARANI, R.S. DAG NO.-27, P.S. KHATIAN NO.-12, L.R. DAG NO.-44, L.R. KHATIAN NOS.-2799,2800, J.L. NO.-1, SHEET NO.-11, WARD NO.-9, HOLDING NO.-1099 (NEW), 963 (OLD), BOROUGH NO.-II, P.S.-MOLUA, CHANDERNAGAR, UNDER CHANDERNAGORE MUNICIPAL CORPORATION, DISTRICT - HOOGLY.

**OWNER'S NAME :-**  
 1. MRS. SUMITA CHATTERJEE; W/O- BINOY KR. CHATTERJEE  
 2. MISS. PARAMITA CHATTERJEE; D/O- BINOY KR. CHATTERJEE

**TITLE - STRUCTURE PLAN**

DRG. NO. PK2022/05/CORP/AR-01  
 SCALE 1:100 DRAWN BY R.K.  
 DATE CHKD BY P.K.  
 JOB NO. PK01 APVD BY  
 DESIGNED BY STRAIGHT LINE CORPORATION  
 ISSUE STATUS CORPORATION

**AREA STATEMENT**  
 LAND AREA: (AS PER PHYSICAL)  
 AREA OF THE PLOT: 44.42 CH. = 14.50 SQ. FT. (AS PER SO. FT. 14.60 ACRE)  
 GROUND FLOOR COVERED AREA - 3401.58 SQ. MT. (2590 SQ. FT.)  
 TYPICAL (1ST - 3RD) FLOOR COVERED AREA - 240.56 SQ. MT. (2090 SQ. FT.) EACH (RESIDENTIAL)  
 TOTAL COVERED AREA: 462.32 SQ. MT. (1038 SQ. FT.) (INCLUDING STAIR & LIFT)  
 RESIDENTIAL AREA AT GROUND FL. - 27.40 SQ. MT. (245 SQ. FT.)  
 SERVICE AREA AT GROUND FL. - 27.40 SQ. MT. (245 SQ. FT.)  
 COMMERCIAL AREA AT GROUND FL. - 74.07 SQ. MT. (797 SQ. FT.) (INOS)  
 RESIDENTIAL AREA AT GROUND FL. - 62.30 SQ. MT. (671 SQ. FT.)  
 RESIDENTIAL AREA AT GROUND FL. - 64.02 SQ. MT. (692 SQ. FT.)  
 PROJECTED AREA AT GROUND FL. - 22.79 SQ. MT. (245 SQ. FT.)  
 STAIR COVER & LIFT MACHINE RM. AREA - 26.08 SQ. MT. (282 SQ. FT.)  
 OFF-STREET CAR PARKING AREA - 78.49 SQ. MT. (823 SQ. FT.) (INOS.)  
 PROPOSED HEIGHT OF THE BUILDING: 12.50 M. FROM GROUND LEVEL.

**NOTES**  
 1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN M. & FIGURED DIMENSIONS ARE TO BE FOLLOWED.  
 2. ± 0.00 CORRESPONDS TO GROUND LEVEL.  
 3. THIS DRG. SHALL BE READ IN CONJUNCTION WITH LATEST ARCH. DWG.  
 4. GRADE FOR REINFORCEMENT CONCRETE SHALL BE M-25 FOR FOUNDATION AND SUPER STRUCTURE.  
 5. ALL REINFORCEMENT SHALL BE OF H.Y.S.D. BARS Fe-500 CONFORMING TO IS-1786 - 2008.  
 6. UNLESS SPECIFIED OTHERWISE, NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED / SPLICED AT ANY SECTION.  
 7. UNLESS SPECIFIED OTHERWISE, THE MINIMUM CLEAR CONCRETE COVER FOR PROTECTION OF REINFORCEMENT SHALL BE AS FOLLOWS -  
 ITEMS TOP  
 FOUNDATION 50  
 TIE / FLOOR BEAM 30  
 COLUMN 40  
 FLOOR / WAIST SLAB 20  
 8. UNLESS SPECIFIED OTHERWISE ALL HOOKS, BENDS, LAPS, SPLICES ETC. SHALL BE AS PER LATEST IS 456 AND OTHER RELEVANT INDIAN STAND.  
 9. ANY DISCREPANCY OBSERVED BETWEEN THIS STRUC. DWG. AND RELEVANT ARCH. DWG. SHALL BE BROUGHT TO THE NOTICE AND GET RECONCILED BEFORE EXECUTION.  
 10. THE NET BEARING PRESSURE FOR FOUNDATION DESIGN HAS BEEN KEPT WITHIN 8.0 T/M<sup>2</sup> AT 1.5 M. BELOW E.G.L.

**DECLARATION OF STRUCTURAL ENGINEER.**  
 I CERTIFY THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE G+11 STORED BUILDING HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT AS PER THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS BEING LOAD AND MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARDS AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

**DECLARATION OF ARCHITECT**  
 I CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF 19 B. MUNICIPAL BUILDING RULE 207 AS AMENDED FROM TIME TO TIME AND AS PER THE SITE CONDITION HEREIN.  
 THE PLOT BOUNDARIES BY BOUNDARY WALLS AND PILLARS AND IT CONFORMS WITH THE PLAN. IT IS A VALUABLE SITE AND NOT A TANK OR FILLED UP TANK.

**SIGNATURE OF ARCHITECT**  
 1  
 E.G.L. LEV. (±0.00)  
 COLUMN  
 FOOTING REINF.  
 RAFT BEAM  
 P.C.C.

**SIGNATURE OF OWNER(S)**  
 1  
 E.G.L. LEV. (±0.00)  
 COLUMN  
 FOOTING REINF.  
 RAFT BEAM  
 P.C.C.