

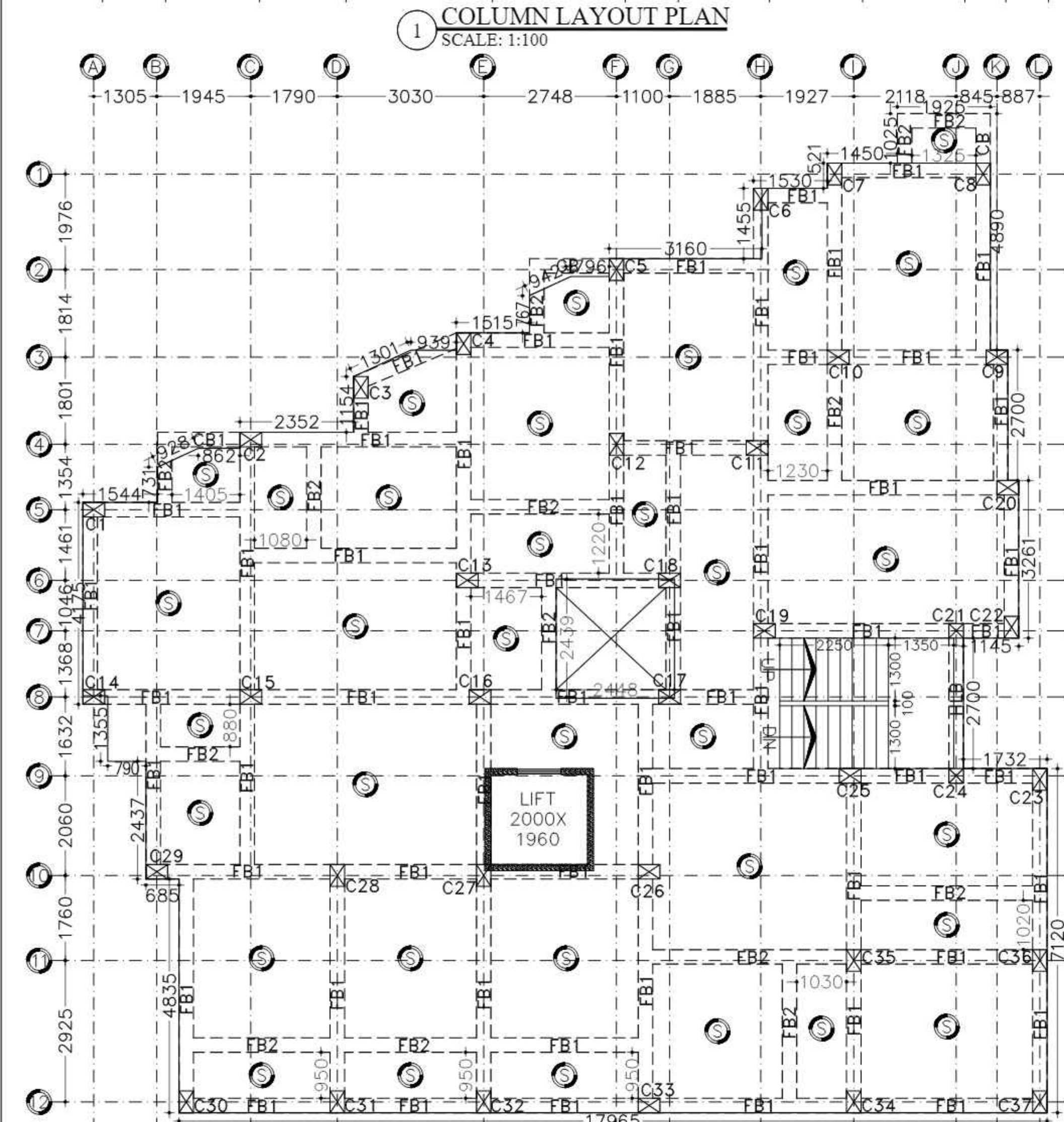
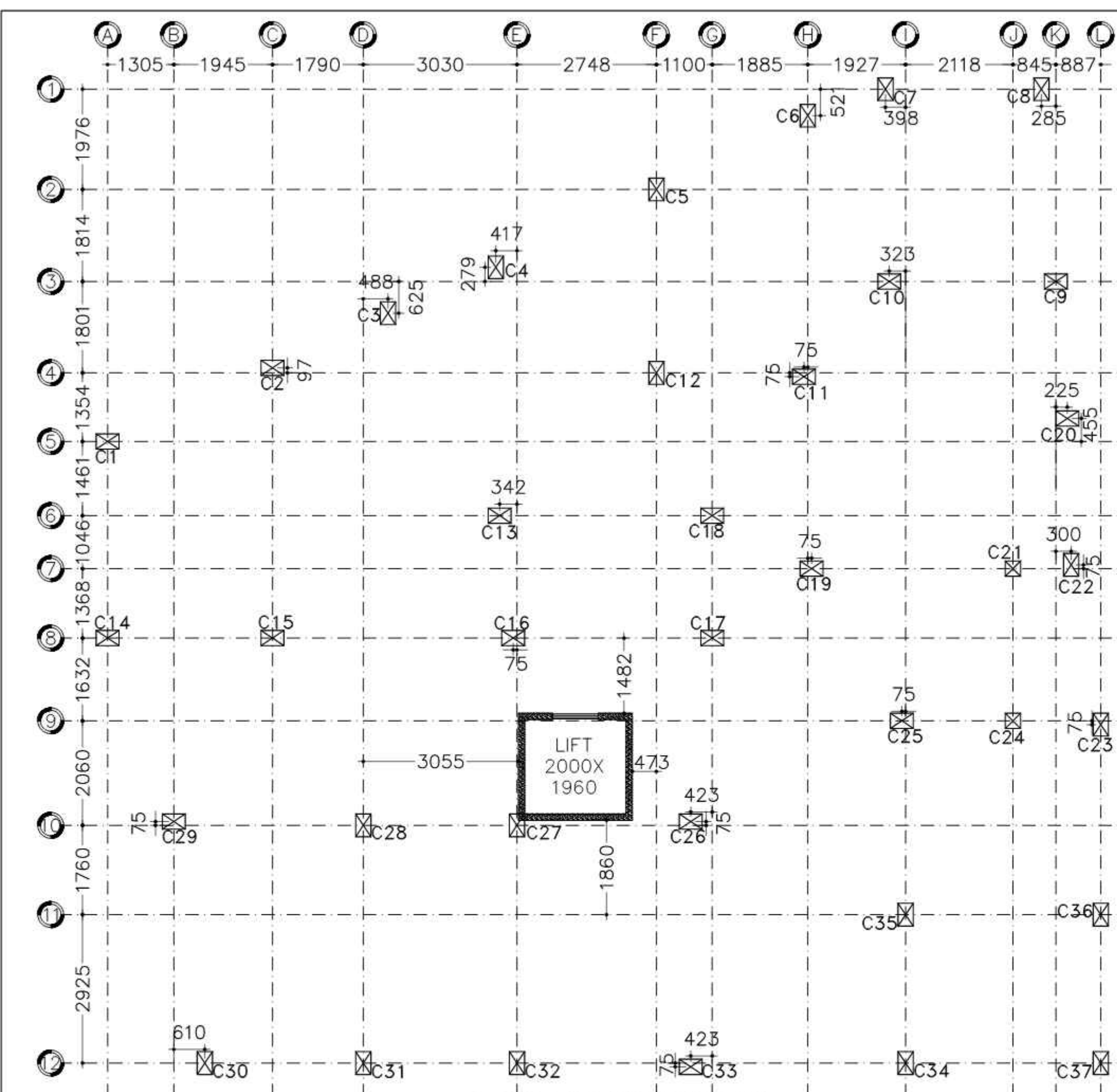


TABLE NO:-01 (SCHEDULE OF COLUMN)

COLUMN MARKED	NO. OF COLUMNS	COLUMN SIZE (mm x mm)	FOUNDATION TO 2ND FLOOR LONGITUDINAL REINFORCEMENT	3RD FLOOR TO ROOF LONGITUDINAL REINFORCEMENT	TIE	SHAPE OF STIRRUPS
C1, C2, C3, C4, C5, C6, C7, C8, C9, C14, C20, C22, C23, C29, C30, C31, C32, C33, C34, C36, C37.	21	450X300	 REINFORCEMENT: 10-20	 REINFORCEMENT: 6-20	NEAR JUNCTION (UPTO 10' LENGTH) LINK-8@75C/C (4 NOS. CLOSE LINK PER SET) AT REST PORTION LINK-8@150C/C (4 NOS. CLOSE LINK PER SET)	
C10, C11, C12, C13, C15, C16, C17, C18, C19, C25, C26, C27, C28, C35.	14	450X300	 REINFORCEMENT: 6-20	 REINFORCEMENT: 4-20	NEAR JUNCTION (UPTO 10' LENGTH) LINK-8@75C/C (4 NOS. CLOSE LINK PER SET) AT REST PORTION LINK-8@150C/C (4 NOS. CLOSE LINK PER SET)	

TABLE NO:-02 (SCHEDULE OF COLUMN)

COLUMN MARKED	NO. OF COLUMNS	COLUMN SIZE (mm x mm)	FOUNDATION TO ROOF LONGITUDINAL REINFORCEMENT	TIE	SHAPE OF STIRRUPS
C21, C24.	21	300X300	 REINFORCEMENT: 6-20	NEAR JUNCTION (UPTO 10' LENGTH) LINK-8@75C/C (4 NOS. CLOSE LINK PER SET) AT REST PORTION LINK-8@150C/C (4 NOS. CLOSE LINK PER SET)	

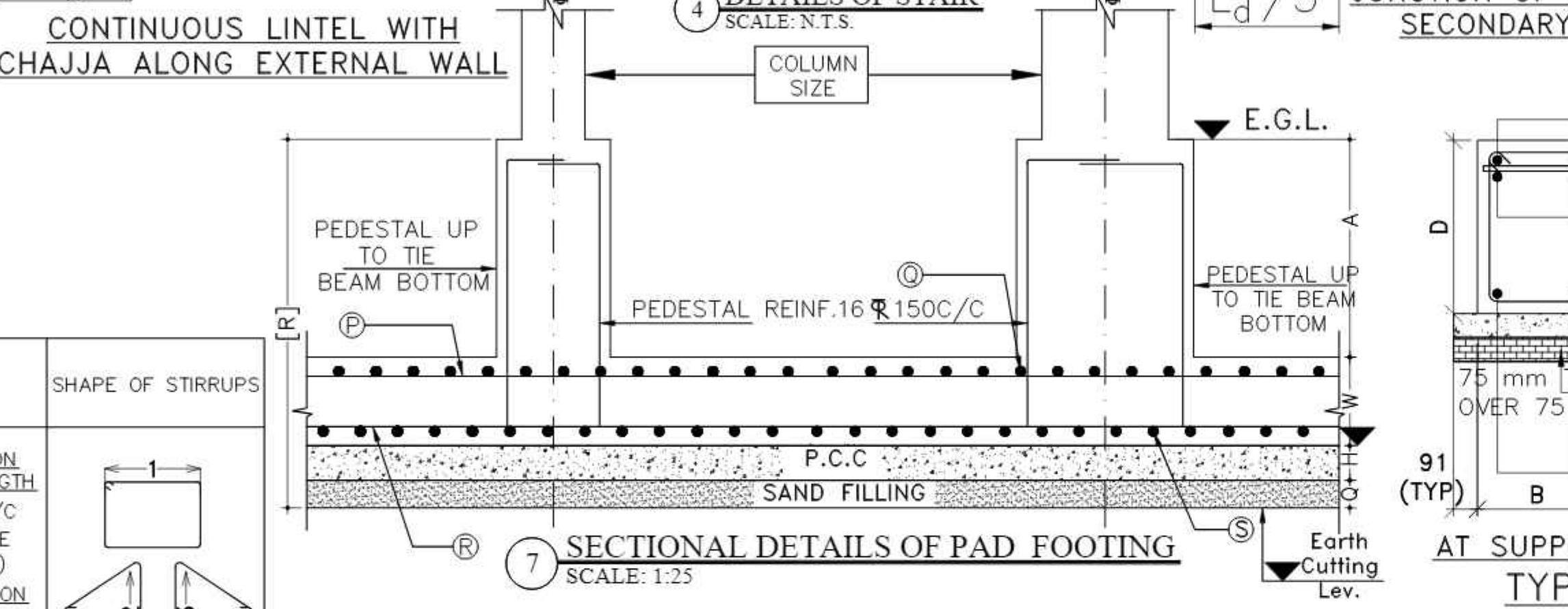
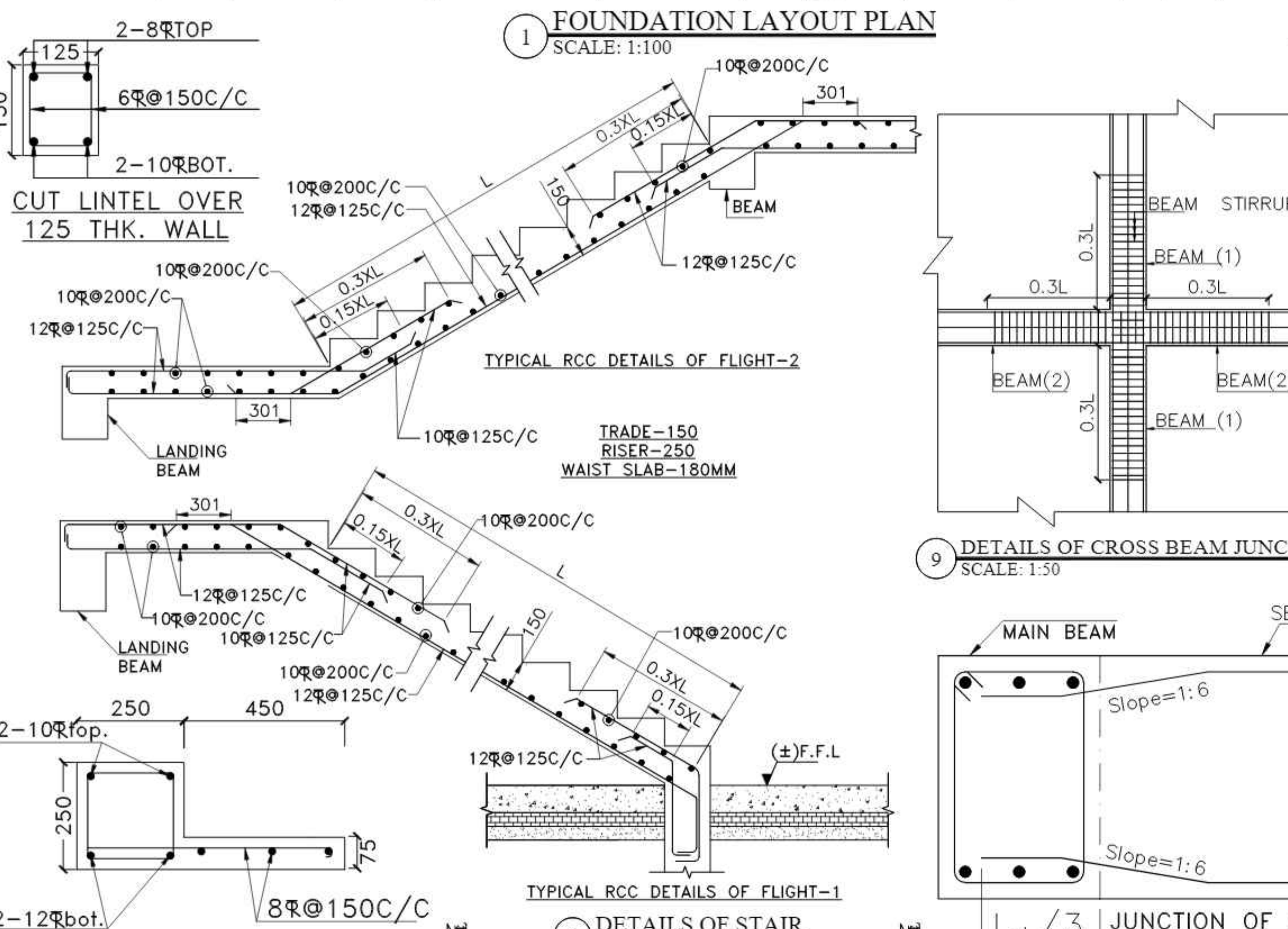
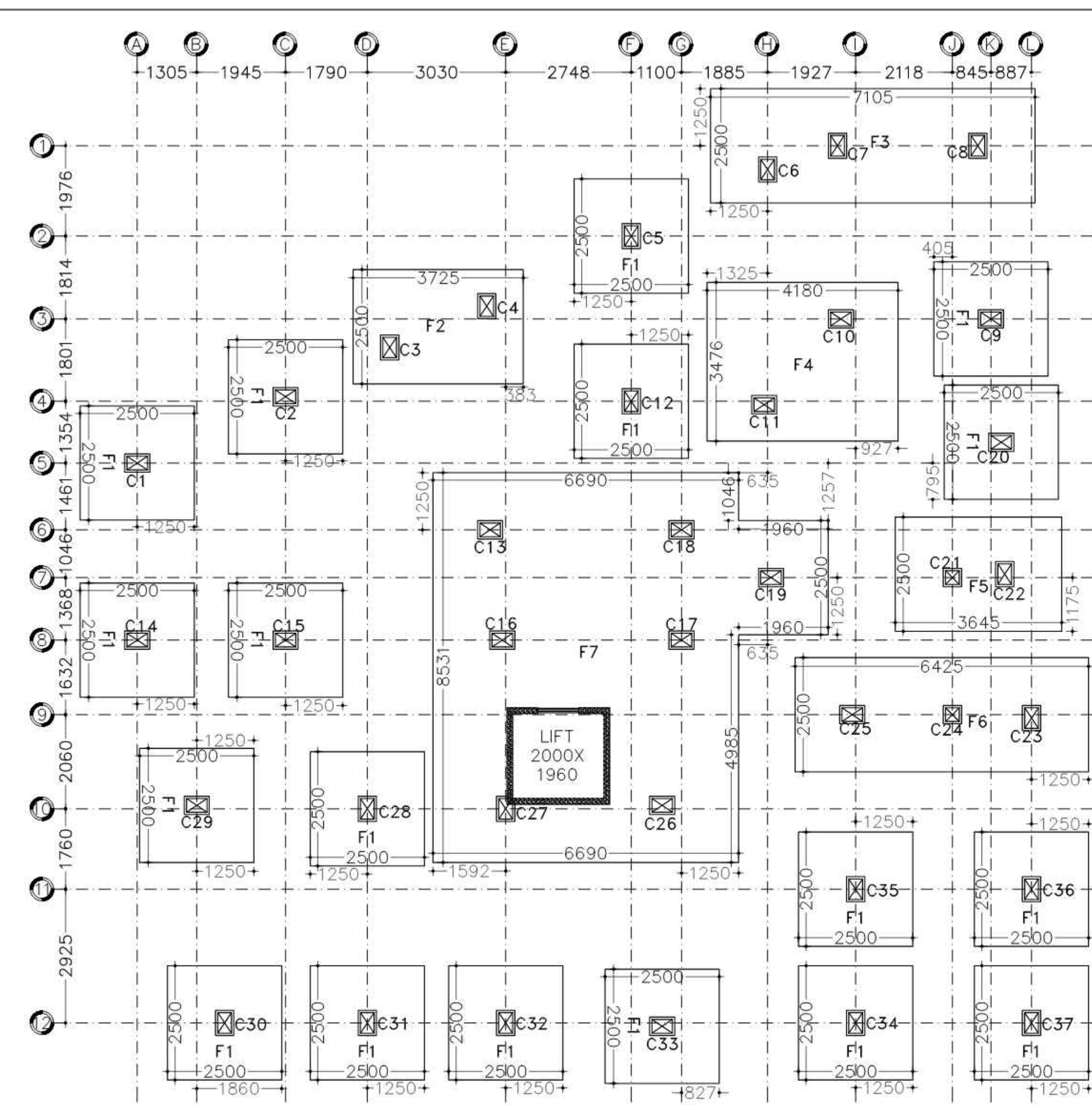


TABLE NO:-01 (SCHEDULE OF ISOLATE FOUNDATION)

FOUNDATION TYPE	COLUMN UNDER	L (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	K (mm)	Q (mm)	H (mm)	W (mm)	R (mm)	S (mm)	REIN. DETAILS FOR FOUNDATION SLAB
F1 (18 NOS)	C1, C2, C5, C9, C12, C14, C15, C20, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37.	2500	2500	450	300	550	400	650	250	150	450	2000	2650	16@150C/C

E NO:-02 (SCHEDULE OF COMBINED FOOTING)									SLAB			
FOUNDATION	COLUMN UNDER	W (mm)	R (mm)	L (mm)	B (mm)	H (mm)	Q (mm)	REINFORCEMENT DETAILS FOR FOUNDATION SLAB	BAR			
								TOP MAIN REINF.	TOP DIST. REINF.	BOTT.MAIN REINF.	BOTT. DIST. REINF.	
	(C3+C7)	450	2000	3725	2500	150	250	16@150 C/C	16@150 C/C	16@150 C/C	16@150 C/C	A
	(C6+C7+C8)	450	2000	7105	2500	150	250	16@150 C/C	16@150 C/C	16@150 C/C	16@150 C/C	B
	(C10+C11)	450	2000	4180	3476	150	250	16@150 C/C	16@150 C/C	16@150 C/C	16@150 C/C	C
	(C21+C22)	450	2000	3645	2500	150	250	16@150 C/C	16@150 C/C	16@150 C/C	16@150 C/C	D
	(C23+C24+C25)	450	2000	6425	2500	150	250	16@150 C/C	16@150 C/C	16@150 C/C	16@150 C/C	
	(C13+C16+C17 C18+C19+C26 +C27+LIFT)	450	2000	SEE LAYOUT PLAN		150	250	16@150 C/C	16@150 C/C	16@150 C/C	16@150 C/C	X
												Y

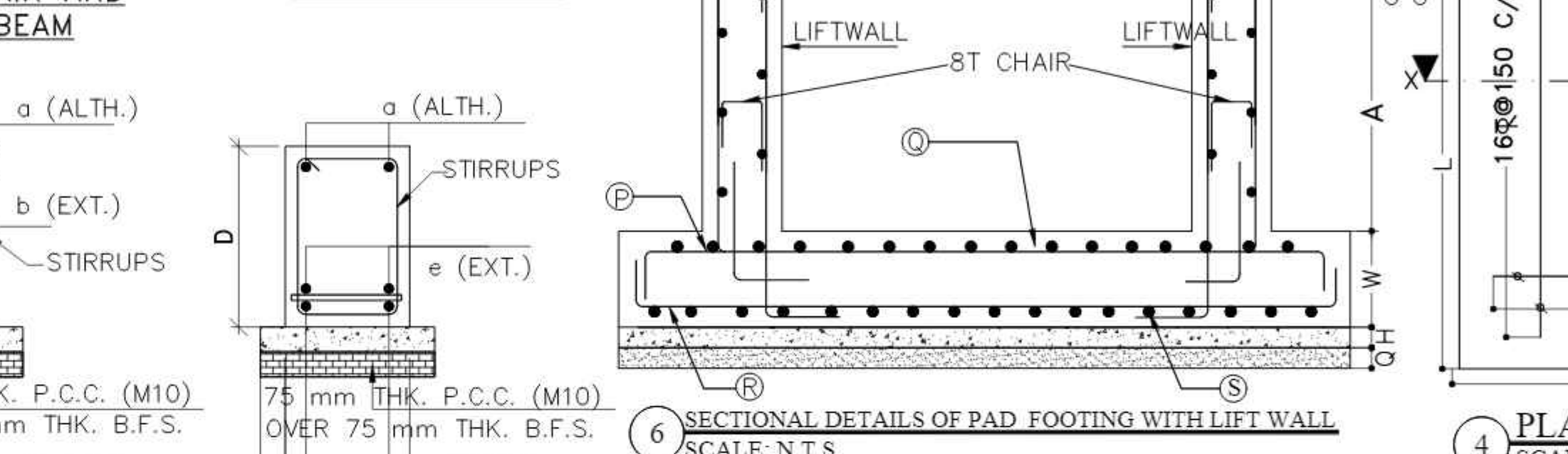
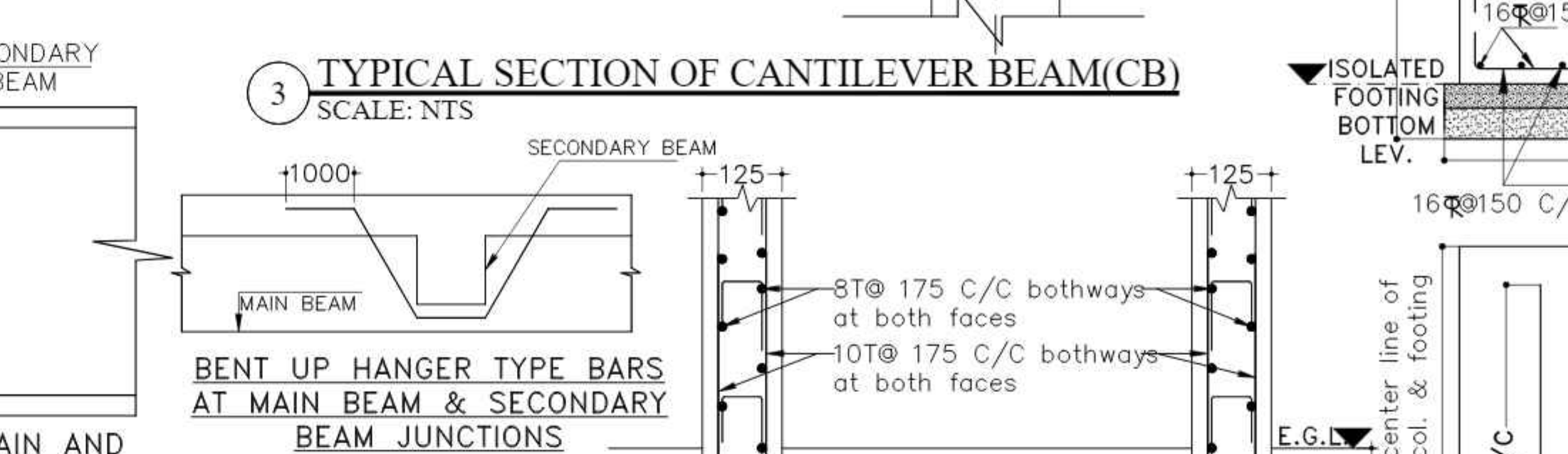
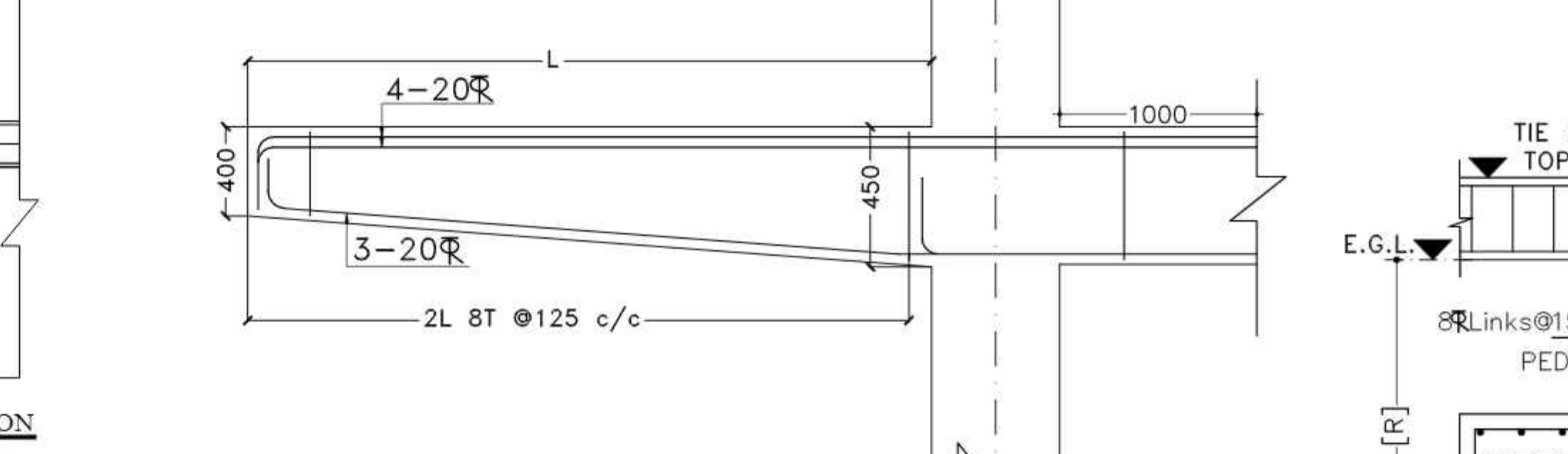
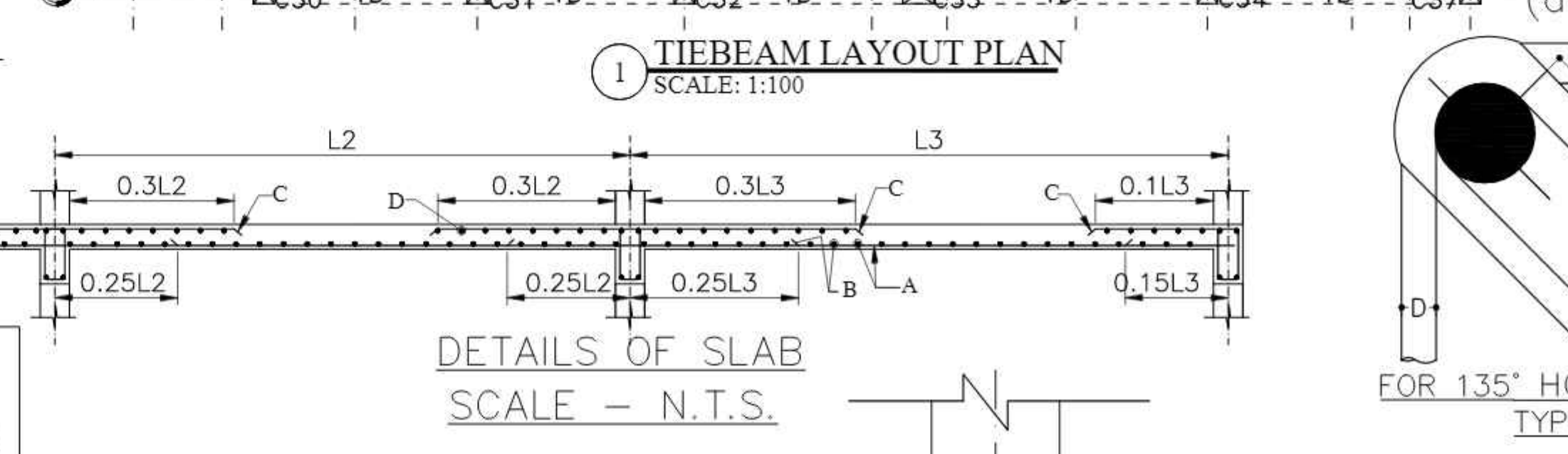
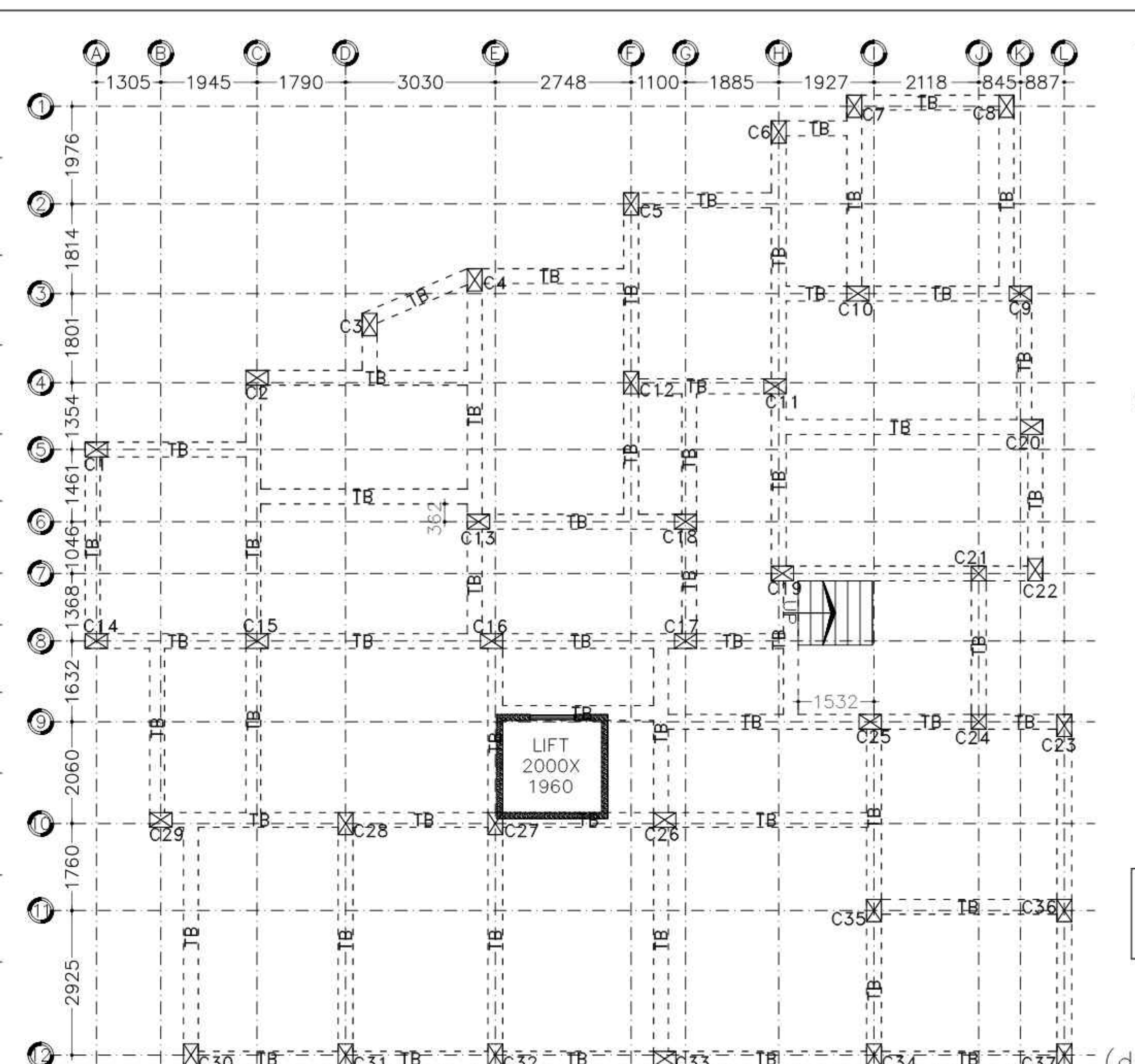
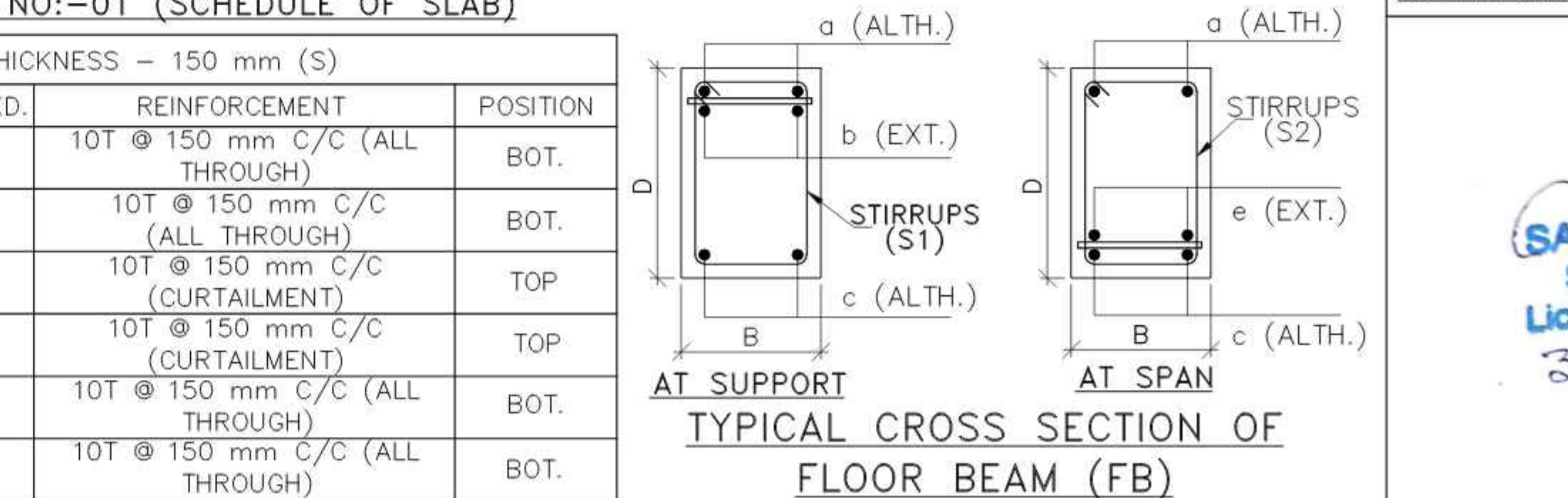


TABLE NO:-01 (SCHEDULE OF FLOOR BEAM)

Beam Mkd	Size	All Through	Ext. at End Supp. Top (b)	Ext. at Span. Bot (b)	Ext. at Cont. Supp. Top (b)	STIRRUPS Support	STIRRUPS Span
FB1	300 450	3-16R	3-16R	2-16R	2-16R	2L-8@125C/C	2L-8@125C/C
FB2	300 400	3-16R	3-16R	2-16R	2-16R	2L-8@125C/C	2L-8@125C/C
CB	300 450	5-20R	3-20R	—	—	2L-8@125C/C	2L-8@125C/C
HLB	300 400	3-16R	3-16R	2-16R	2-16R	2L-8@125C/C	2L-8@125C/C
TB	300 450	3-16R	3-16R	3-16R	3-16R	2L-8@125C/C	2L-8@125C/C



PROJECT NAME:-
PLAN FOR PROPOSED (G+4) RESIDENTIAL APARTMENT
OWNER:- SRI. MANATOSH CHAKRABORTY AND CHAKRABORTY. OVER R.S. PLOT NO:-1474.124
NO.-1714,1807 L.R. KHATIAN NO.-1097,8716,7895 J.L. NO.107 OF MOUZA-FULJHORE, P.S.- NEW TOWNSHIP, DIST. PASCHIM BARDHAMAN UNDER D.M.C.
HOLDING:-224/N
WARD NO:- 26,
ASSESSMENT NO: 3309403906985
STREET NAME: SAMMILANI PARK PHASE-II,DGP-06

NOTES:-
 1. (±) 0.00 m LEVEL REFERS TO E.G.L.
 2. UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT INDIAN STANDARD CODES OF PRACTICE.
 3. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METER. EXCEPT OTHERWISE MENTIONED. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED. ALL LEVELS GIVEN IN STRUCTURAL DRAWINGS ARE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS AND INDICATE STRUCTURAL LEVEL ONLY (WITHOUT FINISH). HOWEVER ARCHITECTURAL DRAWING TO BE COORDINATED FOR ALL LEVELS.
 4. ALL STRUCTURAL DRAWINGS SHALL BE READ ALONG WITH THIS DRAWING AS WELL AS RELEVANT ARCHITECTURAL DRAWINGS.
 5. ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT BEFORE EXECUTION OF WORK.
 6. UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT. BARS OF GRADE Fe-500/500D CONFORMING TO IS-1786-2008.
 7. ADEQUATE CHAIR BARS TO BE PROVIDED TO KEEP THE TOP REINFORCEMENT IN PROPER POSITION.
 8. UNLESS OTHERWISE STATED LAP LENGTH OF BARS SHALL BE DEVELOPMENT LENGTH=50xDIA OF BAR.
 9. UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8 T @ 150 C/C
 10. CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:- a)Beam:-25mm, b)Column:-40mm,c)Slab:-15mm, d)FOUNDATION:-50mm, e)R.C.C. Wall:-20mm, f) Stair:-20mm.
 9. GRADE OF CONCRETE WILL BE M30 FOR FOUNDATION, COLUMN AND M25 FOR BEAM AND SUB STRUCTURE AS PER IS: 456:2000.
 10. DEVELOPMENT LENGTH 50XD FOR LAP & SPICES SHOULD BE PROVIDED AS PER THE PROVISIONS LAID DOWN IN SP34:1987

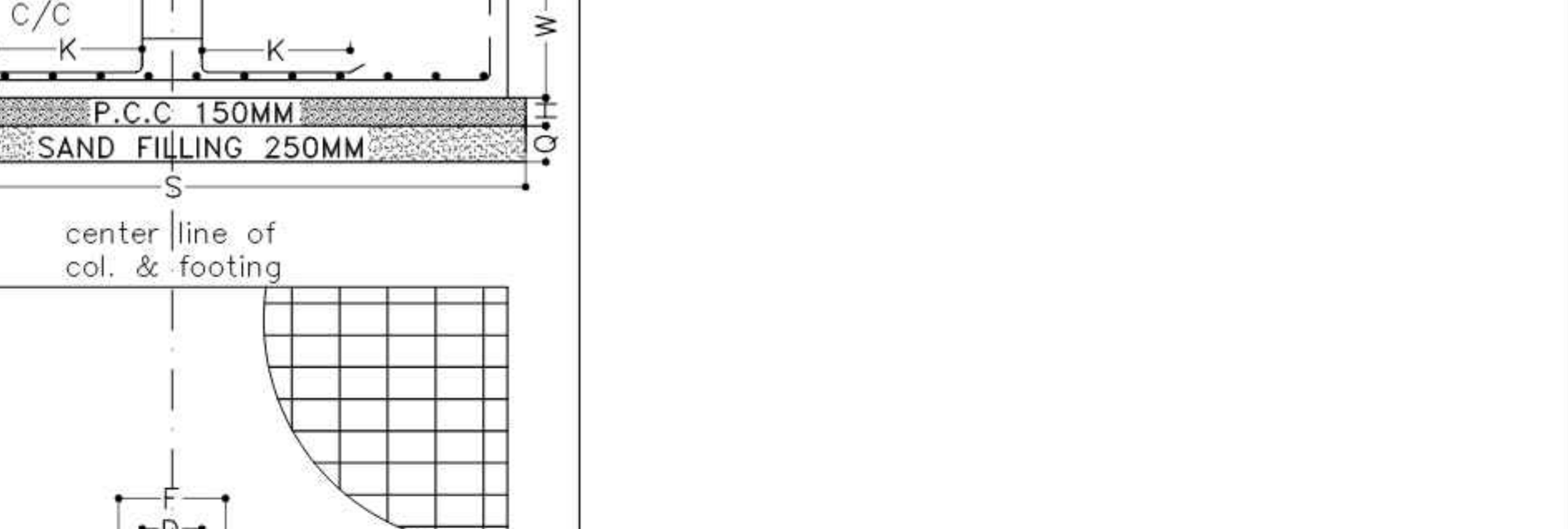
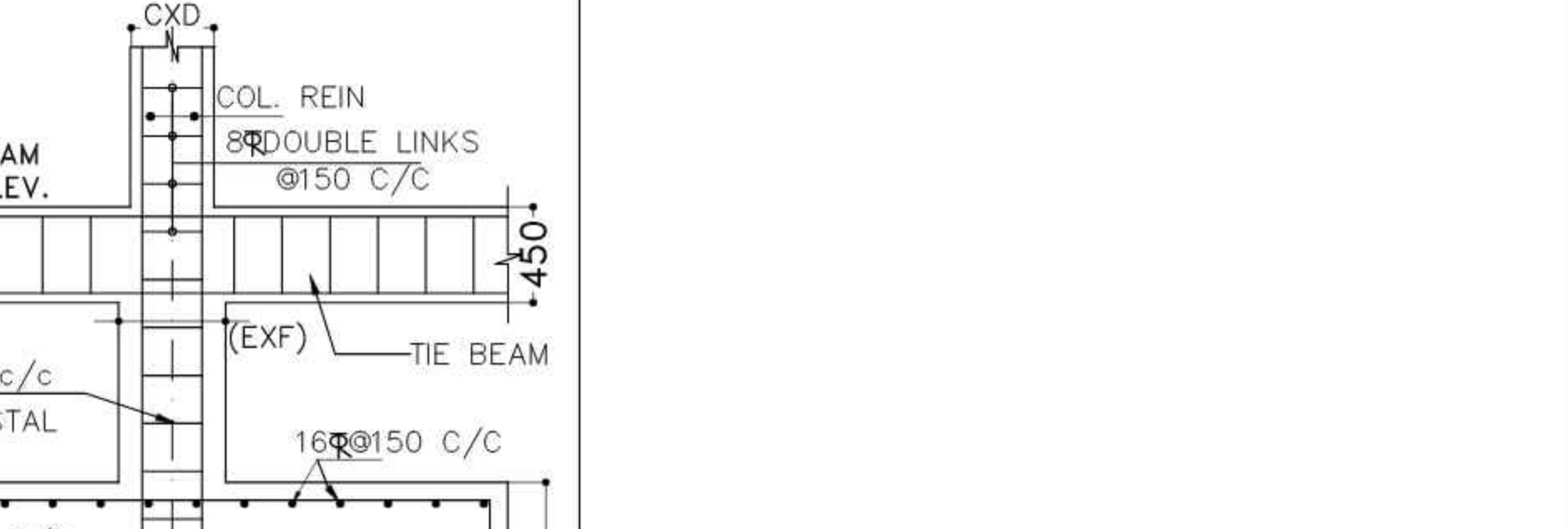
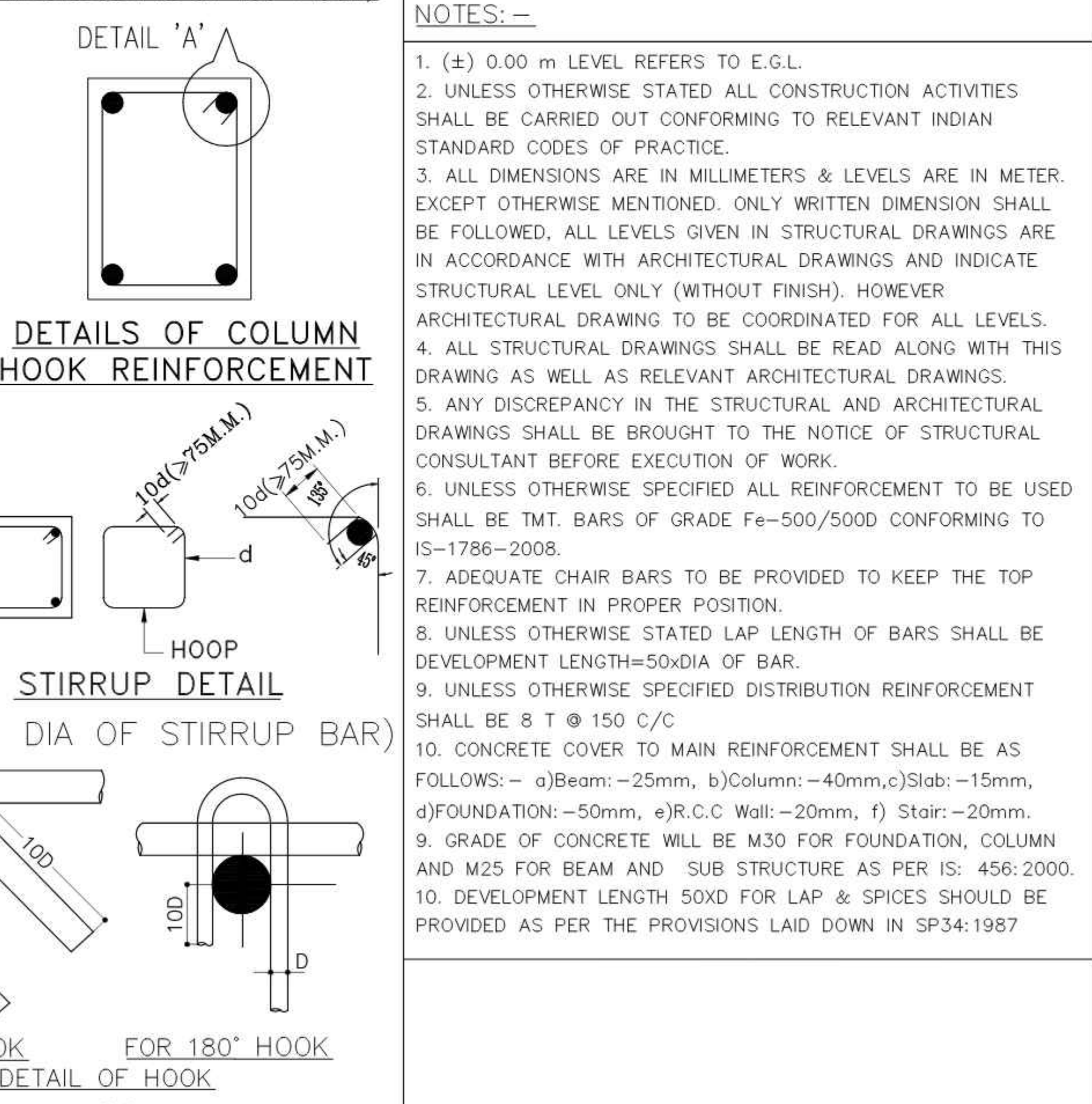


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CB	300 450	5-20R	3-20R	—	—	2L-8@125C/C	2L-8@125C/C
HLB	300 400	3-16R	3-16R	2-16R	2-16R	2L-8@125C/C	2L-8@125C/C
TB	300 450	3-16R	3-16R	3-16R	3-16R	2L-8@125C/C	2L-8@125C/C

SIGNATURE OF STRUCTURAL ENGINEER:-
TITLE:-
COLUMN, FOUNDATION, TIE BEAM, FLOOR BEAM LAYOUT WITH SECTIONAL AND SCHEDULE DETAILS, HOOK DETAILS, STIRRUPS DETAILS. SECTIONAL DETAILS OF LIFT WALL.
DRAWN BY:- S AKHTER.
CHECKED BY:- S AKHTER.
SCALE : 1:100, 1:50, 1:25, N.T.S.
REV-00
DATE : 05.04.2024
SHEET NO:- STRUCTURE:-01-01

SADESH KR. MANDAL
 Structural Engineer-II
 Lic No.-DMC/BPD/ST-II/30
 31/05/2024.