

TABLE NO:-01 (SCHEDULE OF FLOOR SLAB)

BAR MKD.	REINFORCEMENT	POSITION
A	8T @ 150 mm C/C (ALL THROUGH)	BOT.
B	8T @ 150 mm C/C (ALL THROUGH)	BOT.
C	8T @ 150 mm C/C (CURTAILMENT)	TOP
D	8T @ 150 mm C/C (CURTAILMENT)	TOP
X	8T @ 150 mm C/C (ALL THROUGH)	BOT.
Y	8T @ 150 mm C/C (ALL THROUGH)	BOT.

TABLE NO:-01 (SCHEDULE OF COLUMNS)

COLUMN MARKED	NO. OF COLUMN	COLUMN SIZE (mm)	FOUNDATION TO 2ND FLOOR LONGITUDINAL REINFORCEMENT	3RD FLOOR TO ROOF LONGITUDINAL REINFORCEMENT	TIE	SHAPE OF STIRRUPS
C1, C2, C3, C4, C5, C8, C9, C12, C13, C16, C17, C20, C21, C24, C25, C26, C27, C28	18	450X300	REINFORCEMENT: 10-20 ϕ	REINFORCEMENT: 8-20 ϕ	NEAR JUNCTION (UPTO 10% LENGTH) LINK:- 8 ϕ 75C/C (4 NOS. CLOSE LINK PER SET) AT REST PORTION LINK:- 8 ϕ 150C/C (4 NOS. CLOSE LINK PER SET)	
C6, C7, C10, C11, C14, C15, C18, C19, C22, C23	10	450X300	REINFORCEMENT: 8-20 ϕ	REINFORCEMENT: 6-20 ϕ	NEAR JUNCTION (UPTO 10% LENGTH) LINK:- 8 ϕ 75C/C (4 NOS. CLOSE LINK PER SET) AT REST PORTION LINK:- 8 ϕ 150C/C (4 NOS. CLOSE LINK PER SET)	

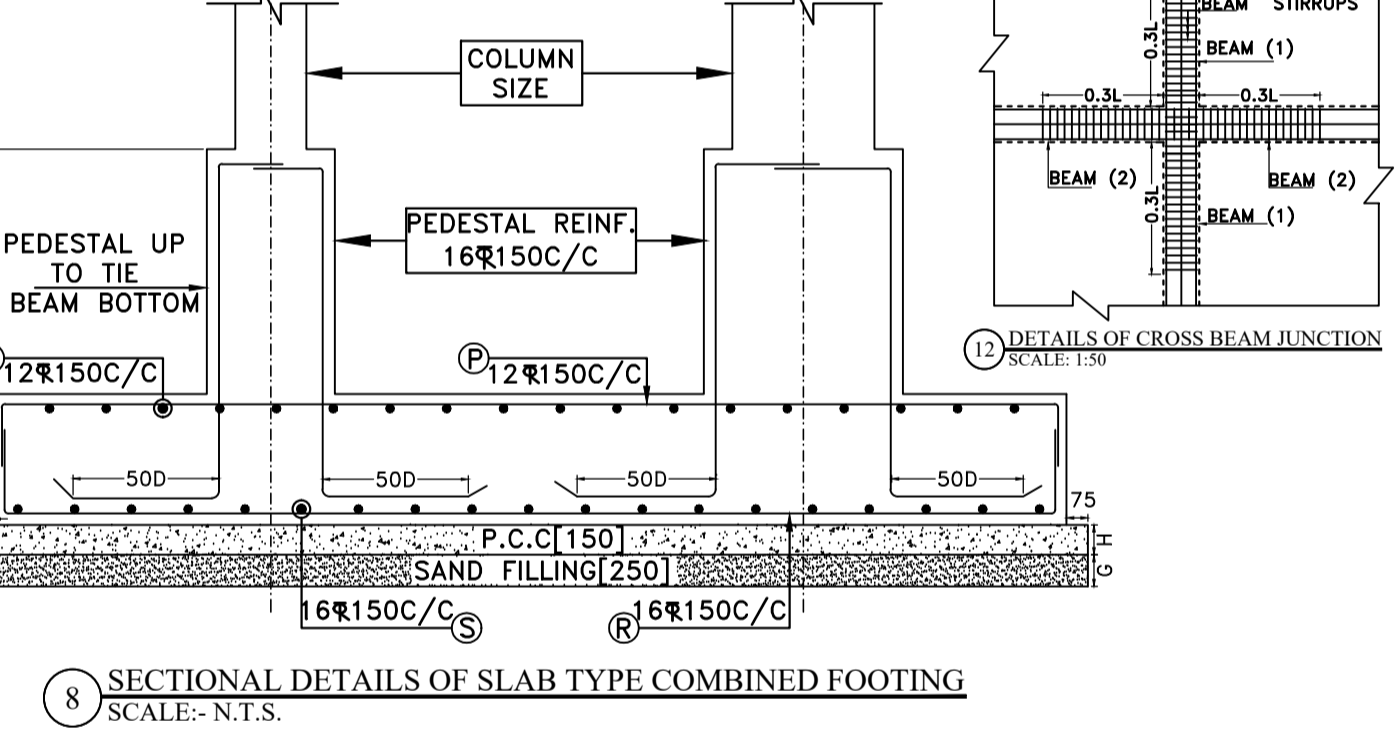
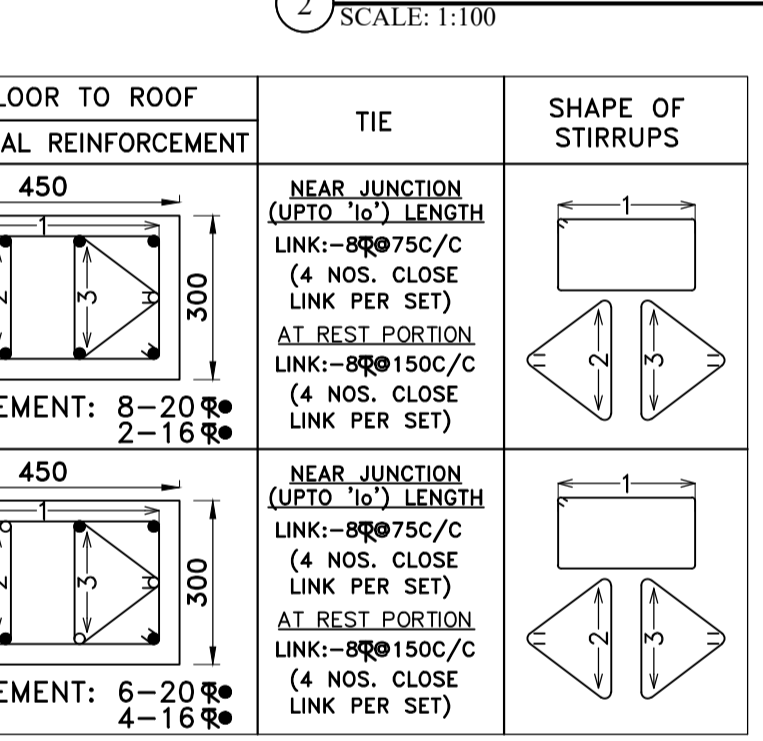
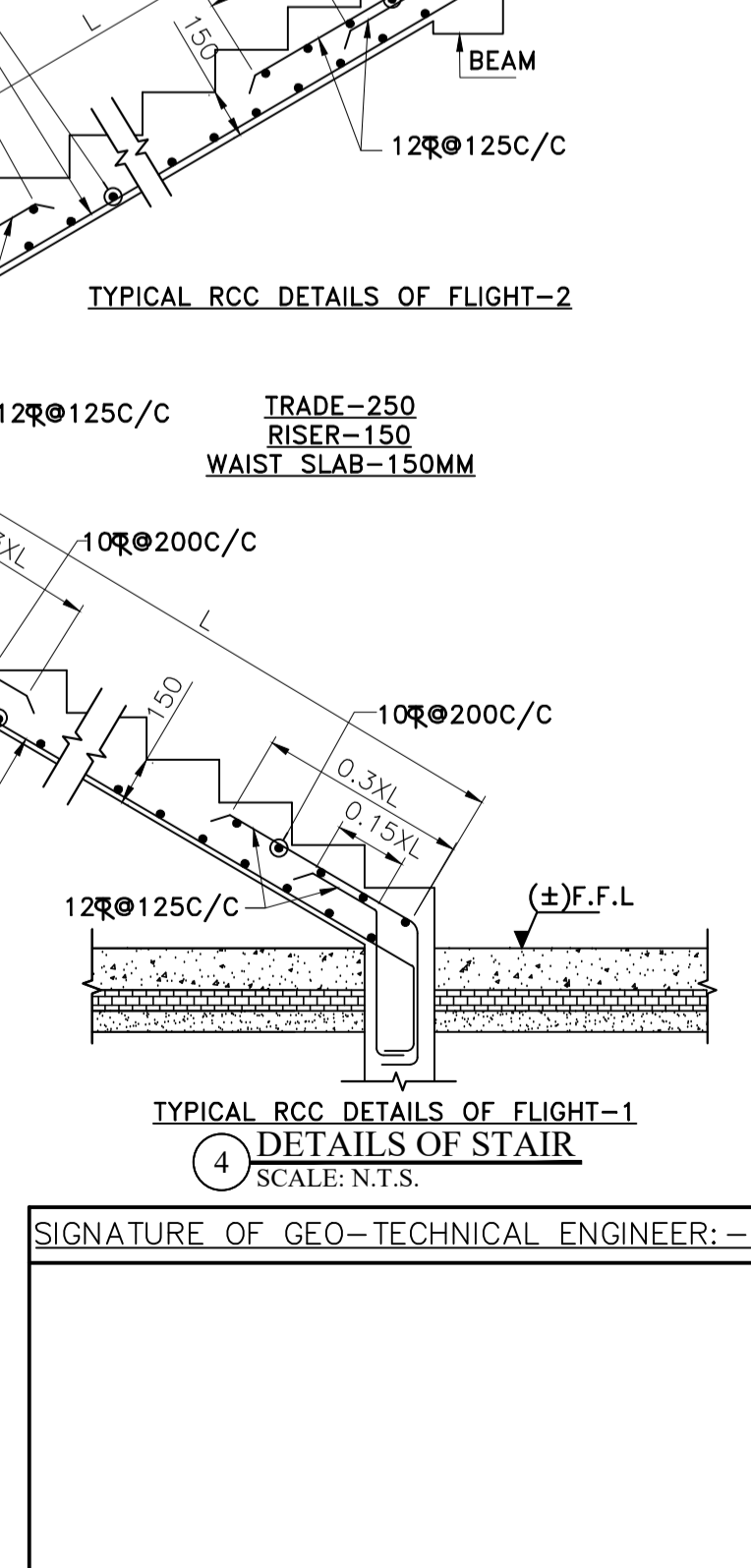
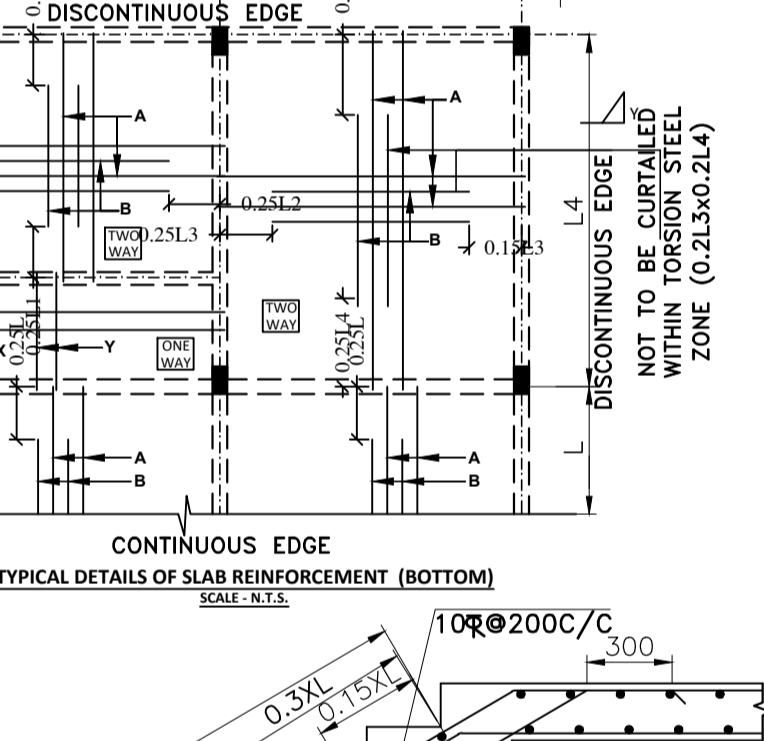
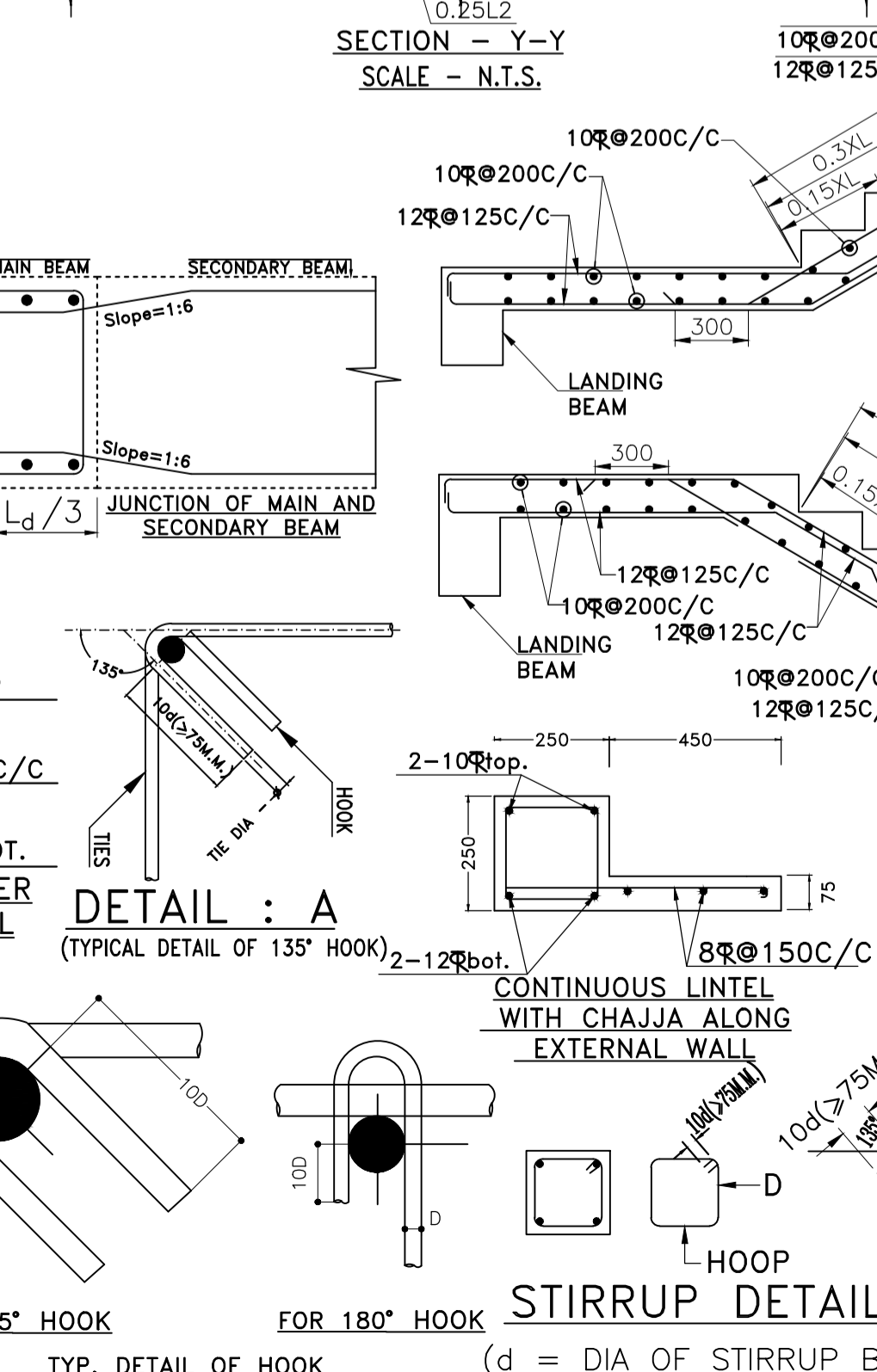
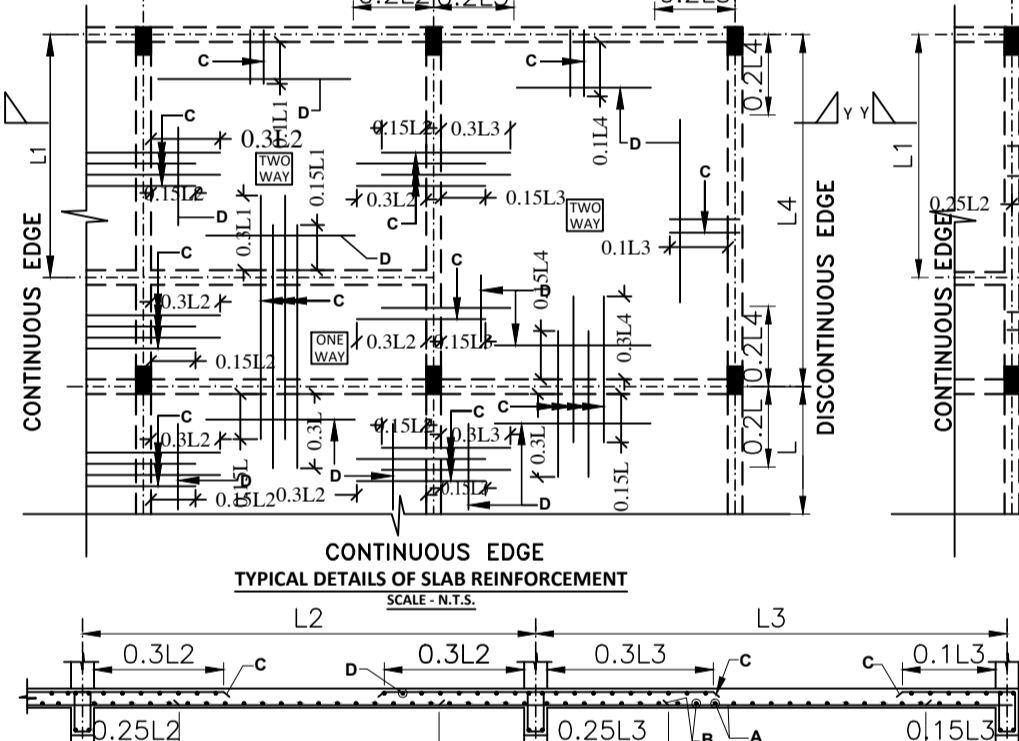
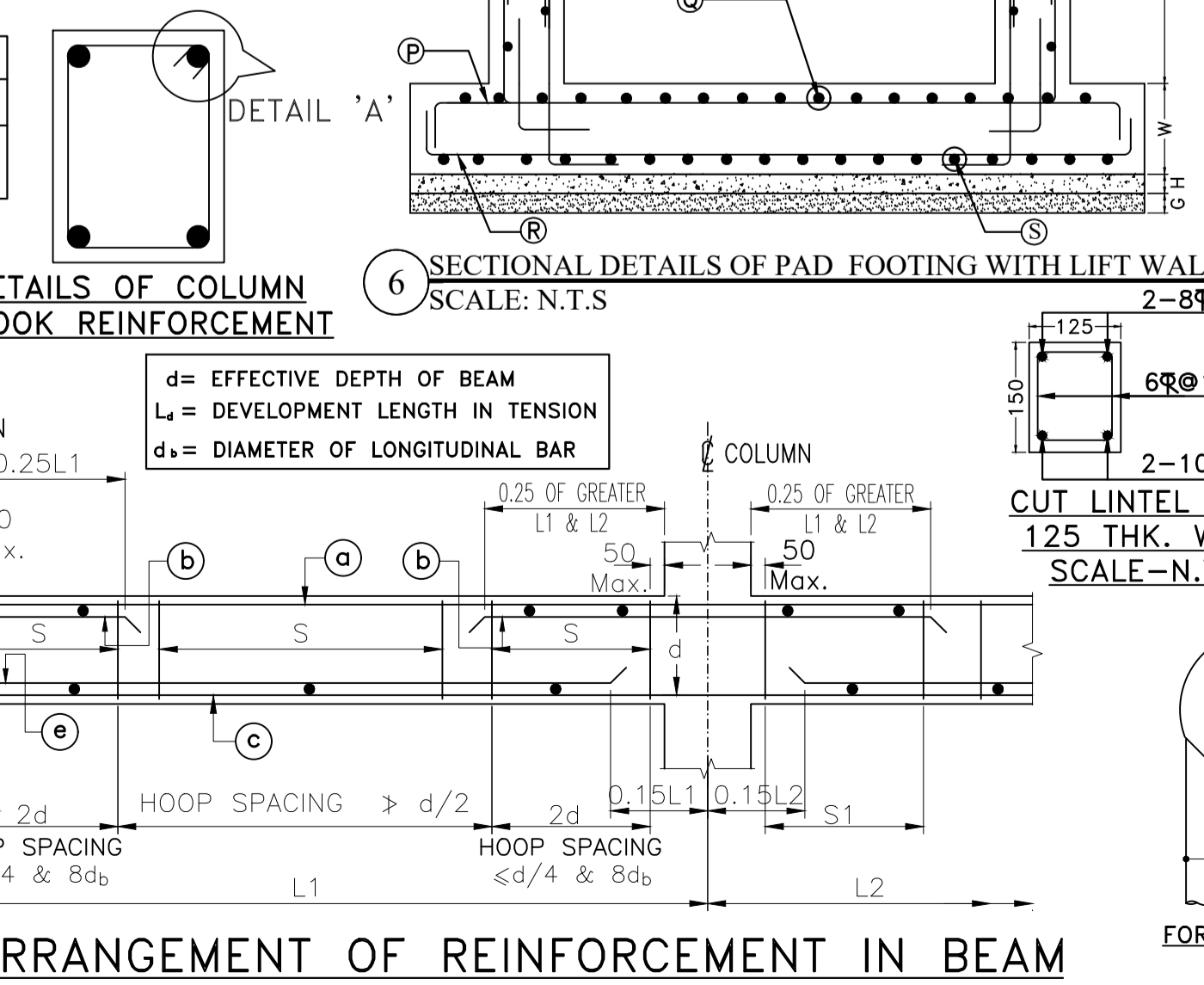
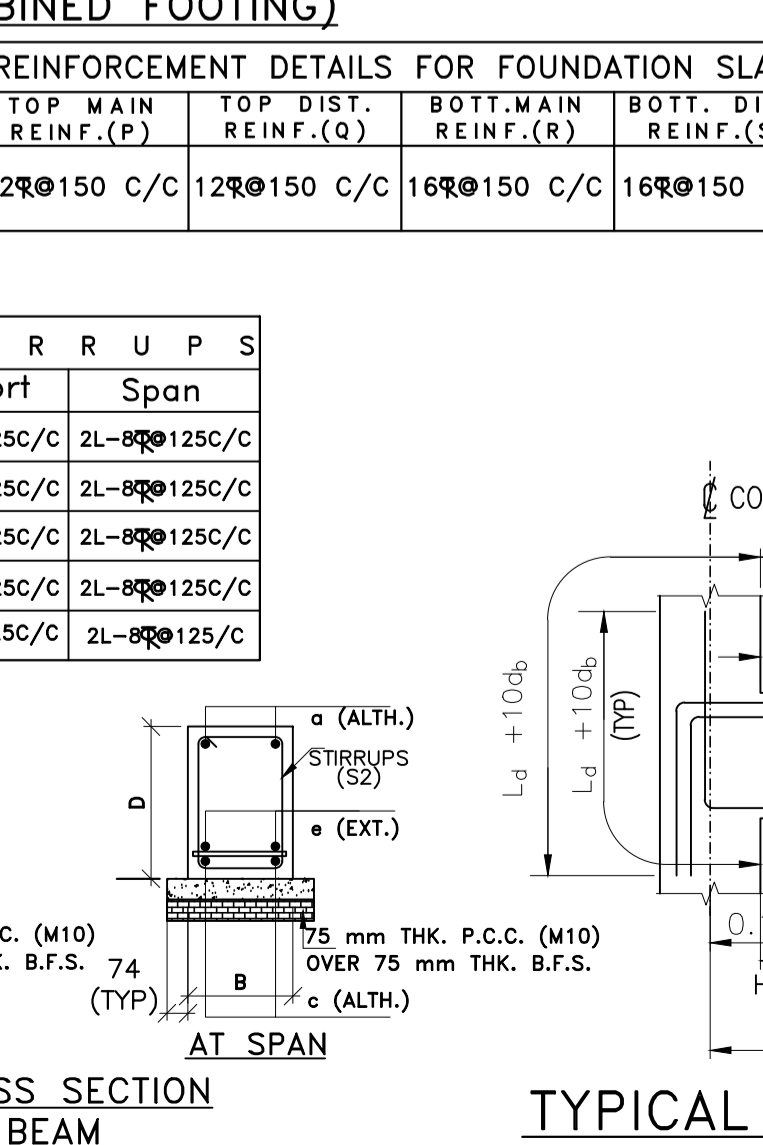
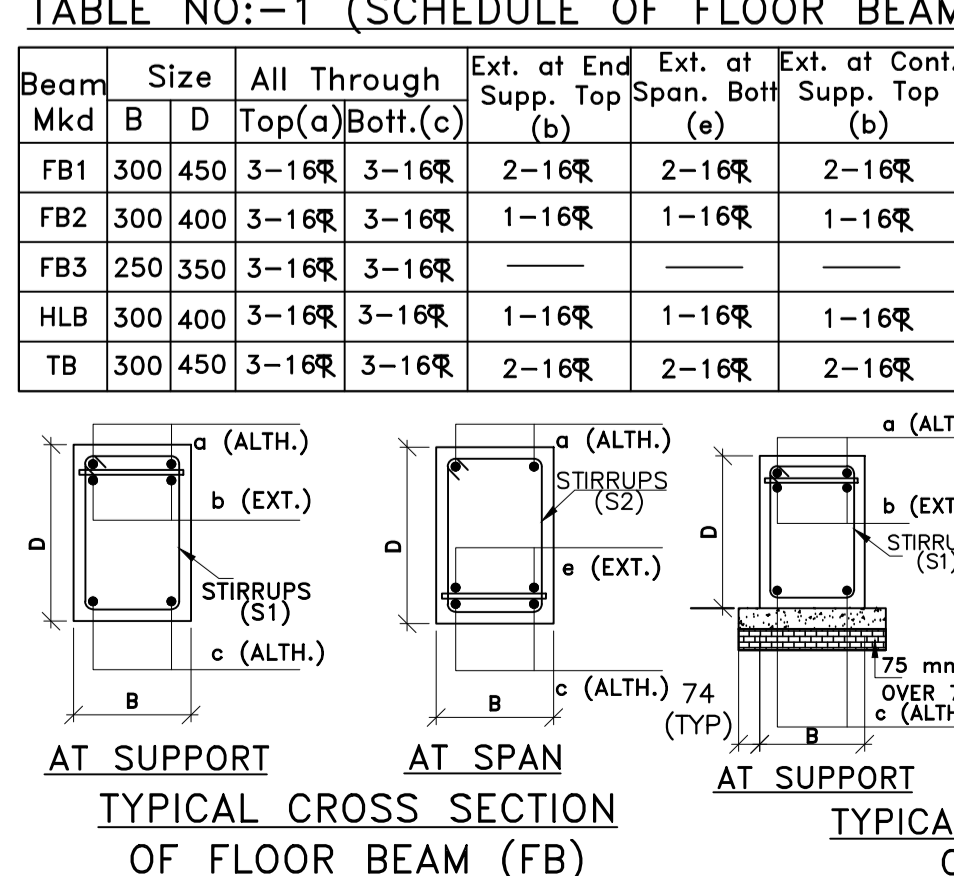


TABLE NO:-01 (SCHEDULE OF ISOLATE FOOTING)

FOUNDATION TYPE	COLUMN UNDER	L (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	K (mm)	G (mm)	H (mm)	W (mm)	M (mm)	N (mm)	REINFORCEMENT DETAILS FOR FOUNDATION SLAB
F1	C1, C2, C3, C4, C5, C12, C16, C21, C22, C23, C24, C25, C26, C27, C28	3000	3000	450	300	550	400	500	250	150	450	2000	X 3150	TOP MAIN REINF. (P) 12 ϕ 150C/C, TOP DIST. REINF. (Q) 12 ϕ 150C/C, BOTT. MAIN REINF. (R) 16 ϕ 150C/C, BOTT. DIST. REINF. (S) 16 ϕ 150C/C
F2	C7, C8, C9, C13, C14, C15, C17, C18, C19, C20	2500	2500	450	300	550	400	500	250	150	450	2000	X 2650	TOP MAIN REINF. (P) 12 ϕ 150C/C, TOP DIST. REINF. (Q) 12 ϕ 150C/C, BOTT. MAIN REINF. (R) 16 ϕ 150C/C, BOTT. DIST. REINF. (S) 16 ϕ 150C/C

TABLE NO:-02 (SCHEDULE OF SLAB TYPE COMBINED FOOTING)

FOUNDATION TYPE	COLUMN UNDER	W (mm)	A (mm)	M (mm)	L (mm)	B (mm)	G (mm)	H (mm)	REINFORCEMENT DETAILS FOR FOUNDATION SLAB
F3	(C6+C10+C11+LIFT)	450	1150	2000	4070	5675	250	150	12 ϕ 150 C/C, 12 ϕ 150 C/C, 16 ϕ 150 C/C, 16 ϕ 150 C/C



PROJECT NAME:-
 STRUCTURAL DRAWING FOR PROPOSED FIVE (G+4) STORIED RESIDENTIAL BUILDING OF MANGAL CHANDI DEVELOPERS REPRESENTED BY ITS PROPRIETOR S/O SRI BHUBAN DAS OVER R.S. PLOT L.R. PLOT NO. 420(P), 409(P), L.R. K. MOUZA -HARIBAZAR, J.L. NO. 106, SUB PLOT NO. - 60/A, 60/B & 60/C, DIST- PASCHIM BARDHAMAN, UNDER D.M.C HOLDING NO. - N/182 ASSESSMENT NO. - 3309404330271 STREET NAME: ROAD-70, PARDAI VILLAGE DGP-06

- NOTES:-
- (±) 0.00 M LEVEL REFERS TO EXISTING ROAD LEVEL.
 - ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METER. EXCEPT OTHERWISE MENTIONED. ONLY WRITTEN DIMENSIONS 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.
 - UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
 - STRUCTURAL DRAWINGS SHALL BE READ ALONG WITH THIS DRAWING AS WELL AS RELEVANT ARCHITECTURAL DRAWINGS.
 - ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT BEFORE EXECUTION OF WORK.
 - UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT. BARS OF GRADE FE-500/500 D CONFORMING TO IS-1786-2008.
 - ADEQUATE CHAIR BARS TO BE PROVIDED TO KEEP THE TOP REINFORCEMENT IN PROPER POSITION.
 - UNLESS OTHERWISE STATED LAP LENGTH OF BARS SHALL BE DEVELOPMENT LENGTH=50XBAR DIA.
 - UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8T @ 250 C/C
 - CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:- A) BEAM:-25MM, B) COLUMN:-40MM, C) SLAB:-15MM, D) FOOTING:-75MM, E) R.C.C WALL:-20MM, F) STAIR:-20MM.
 - GRADE OF CONCRETE WILL BE M30 FOR COLUMN AND FOUNDATION, M25 FOR BEAM AND SUB STRUCTURE AS PER IS: 456:2000.
 - DEVELOPMENT LENGTH 50XD FOR LAP & SPICES SHOULD BE PROVIDED AS PER THE PROVISIONS LAID DOWN IN SP34:1987

SIGNATURE OF DEVELOPER/OWNER:-

 MANGAL CHANDI DEVELOPER
 Proprietor

SIGNATURE OF STRUCTURAL ENGINEER:-

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

VETTED BY:-
 TITLE:-
 ALL STRUCTURAL LAYOUT WITH R.C.C. DETAILING.
 DRAWN BY:-
 CHECKED BY:-
 SCALE:- 1:100, 1:50, 1:25, N.T.S
 REV-00 DATE:- 26.12.2024
 SHEET NO:- STRUCTURE- 01/01

