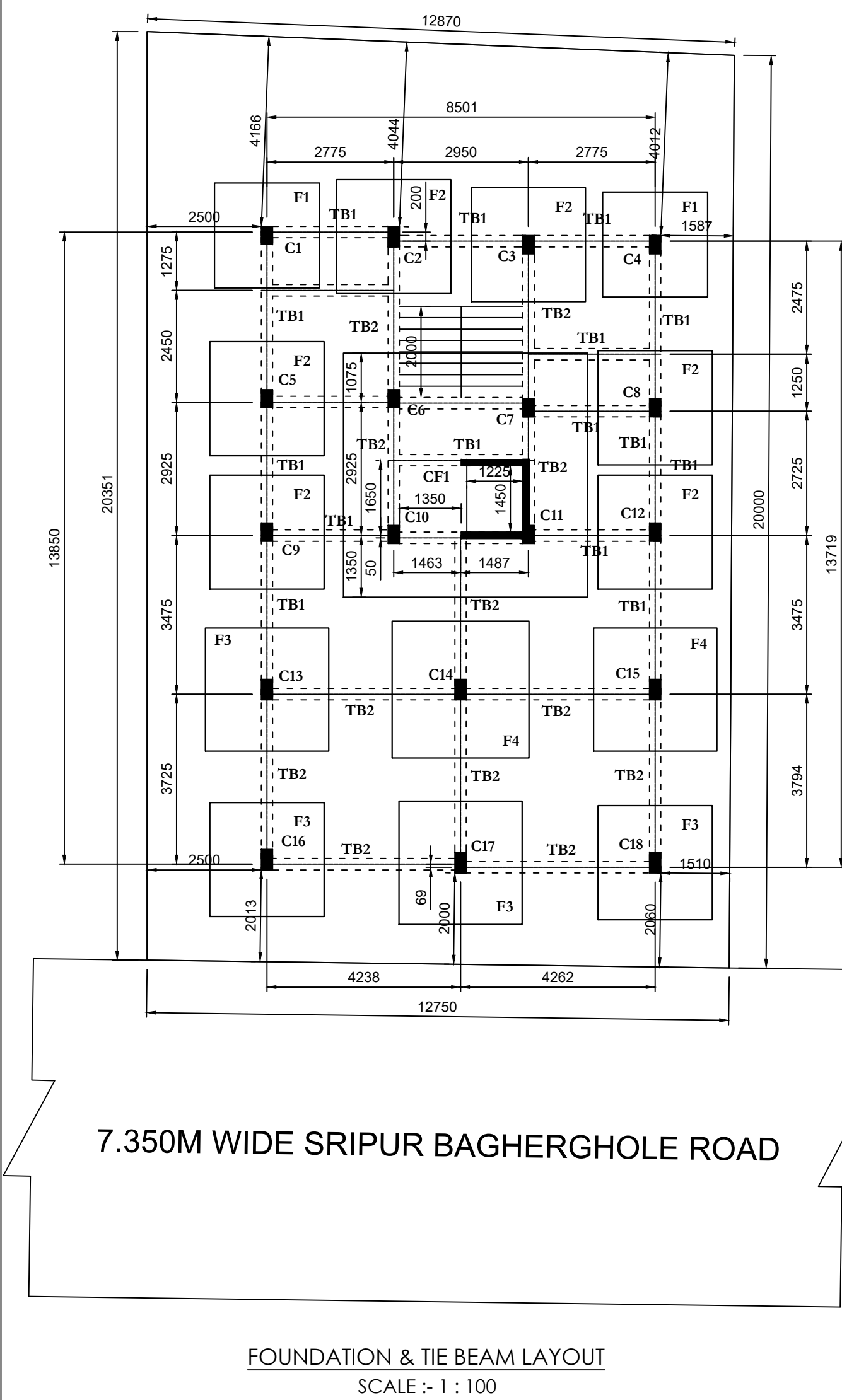
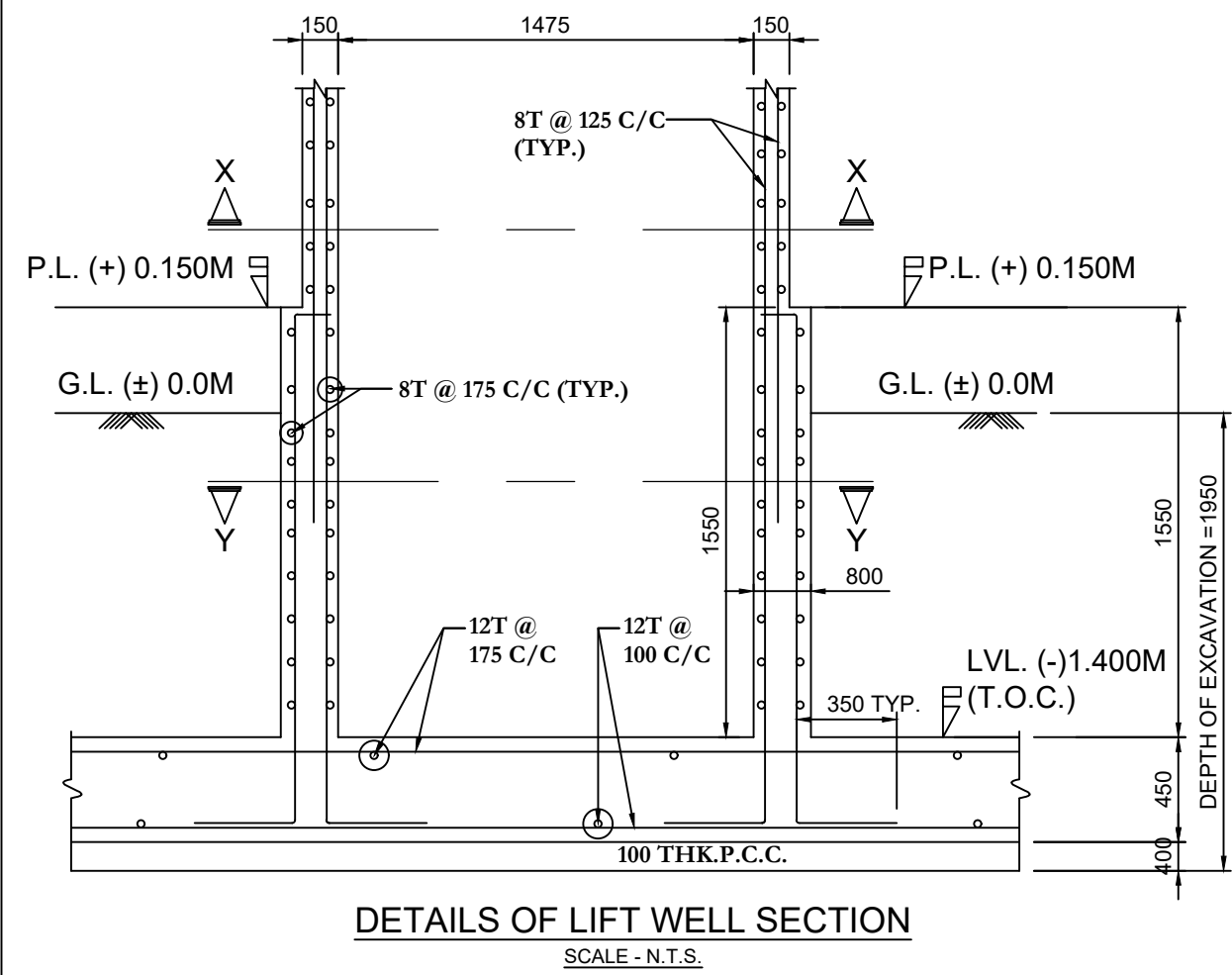
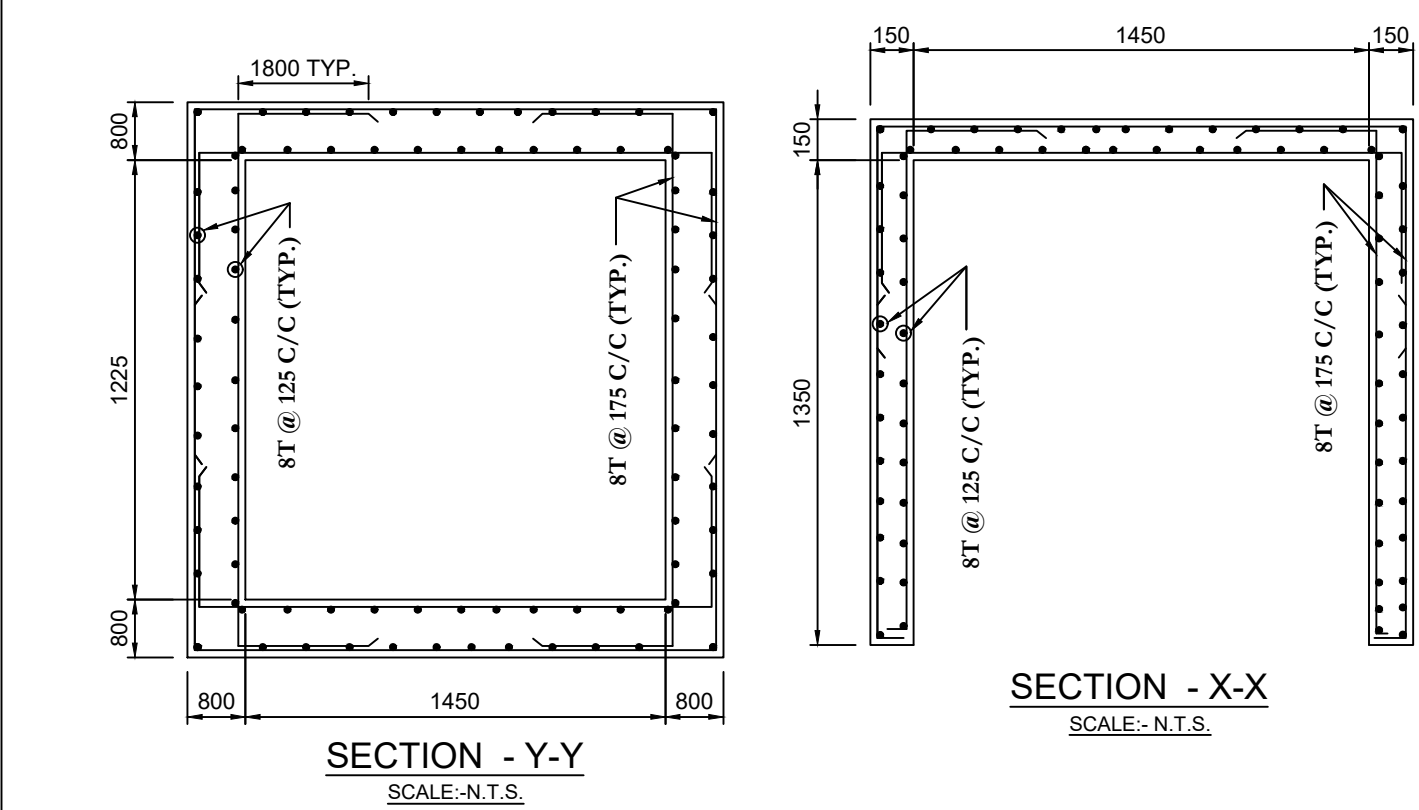


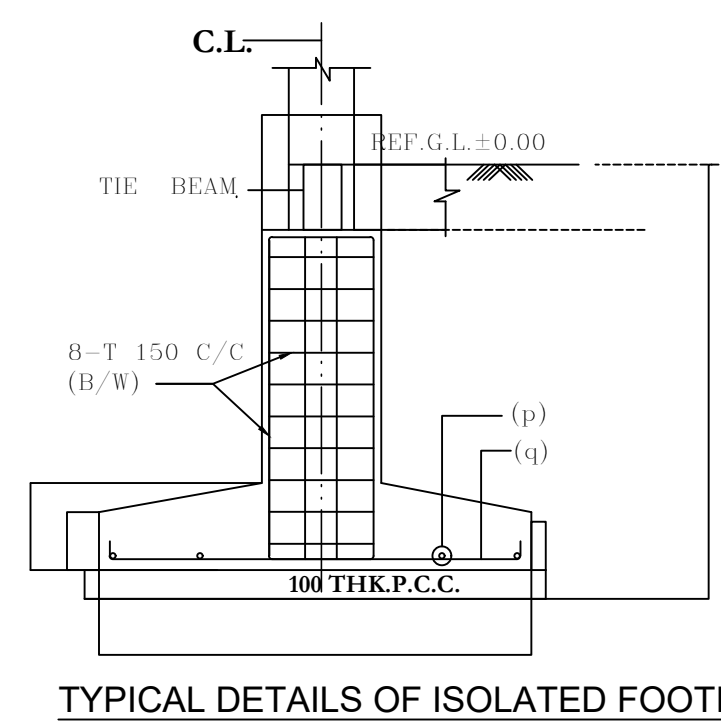
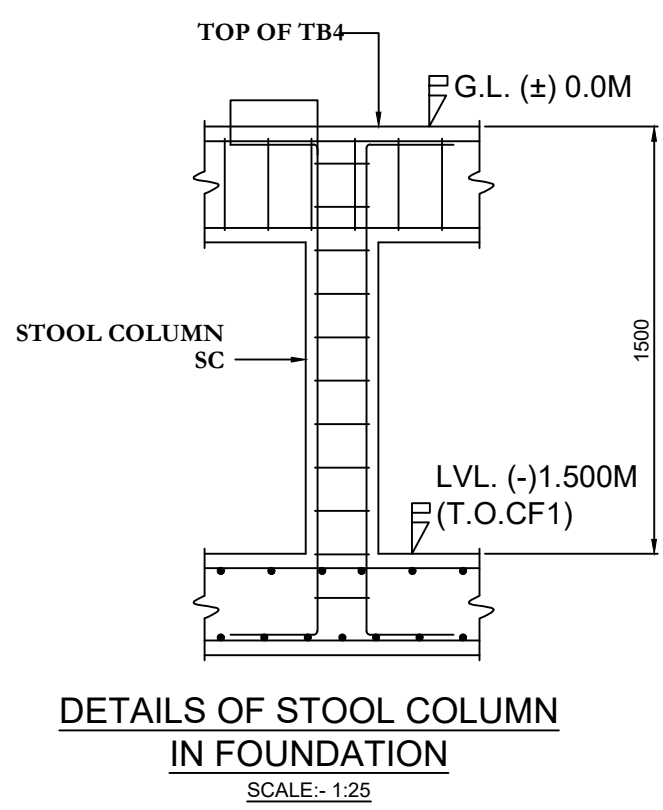
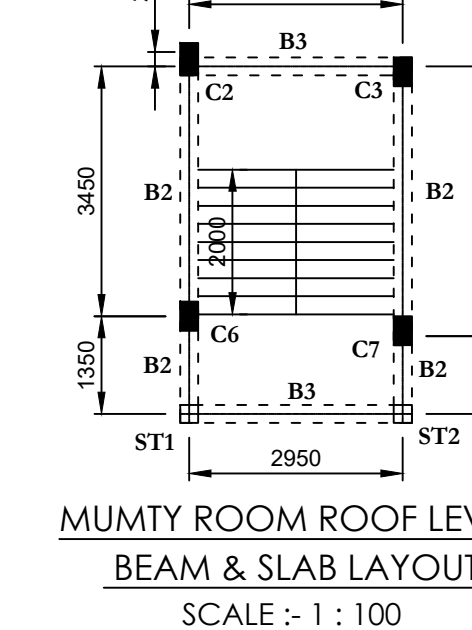
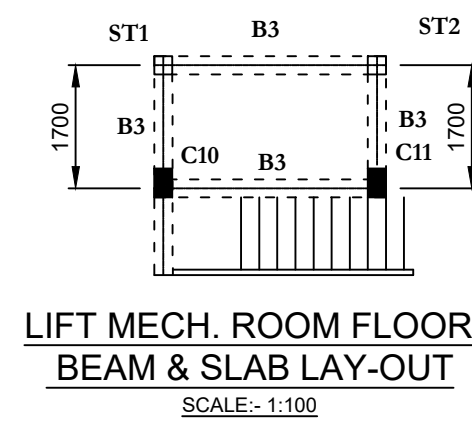
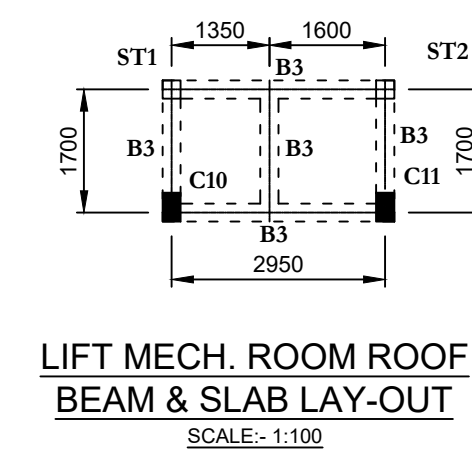
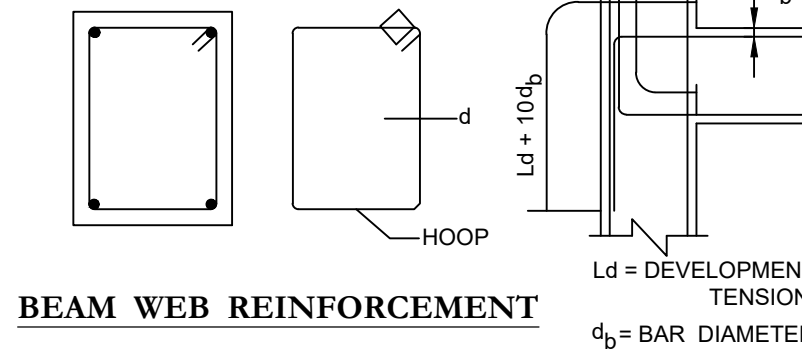
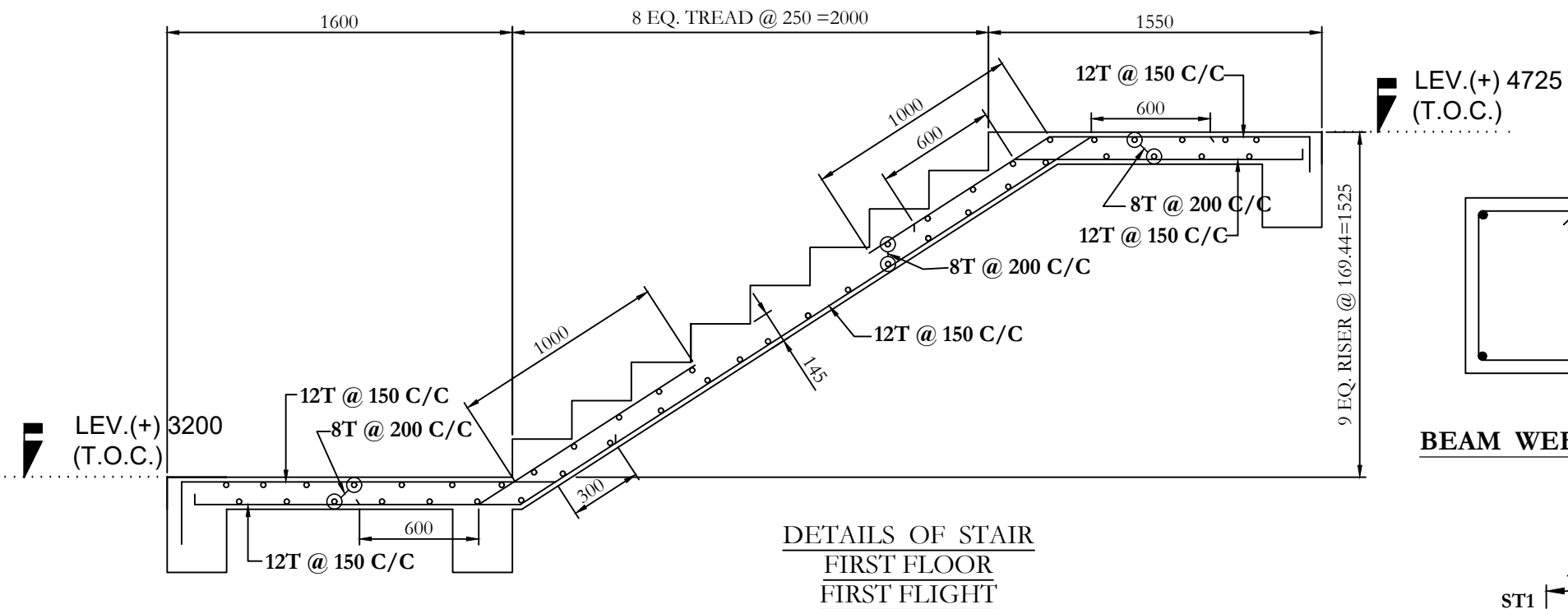
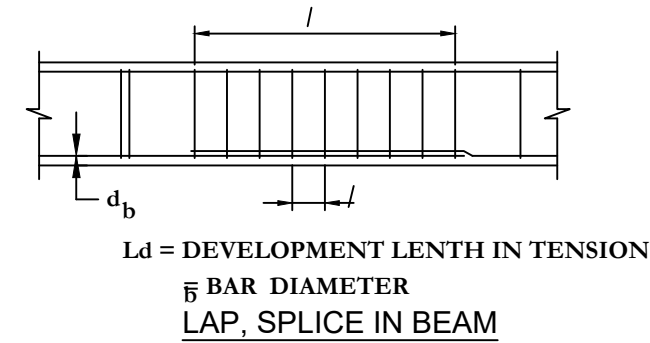
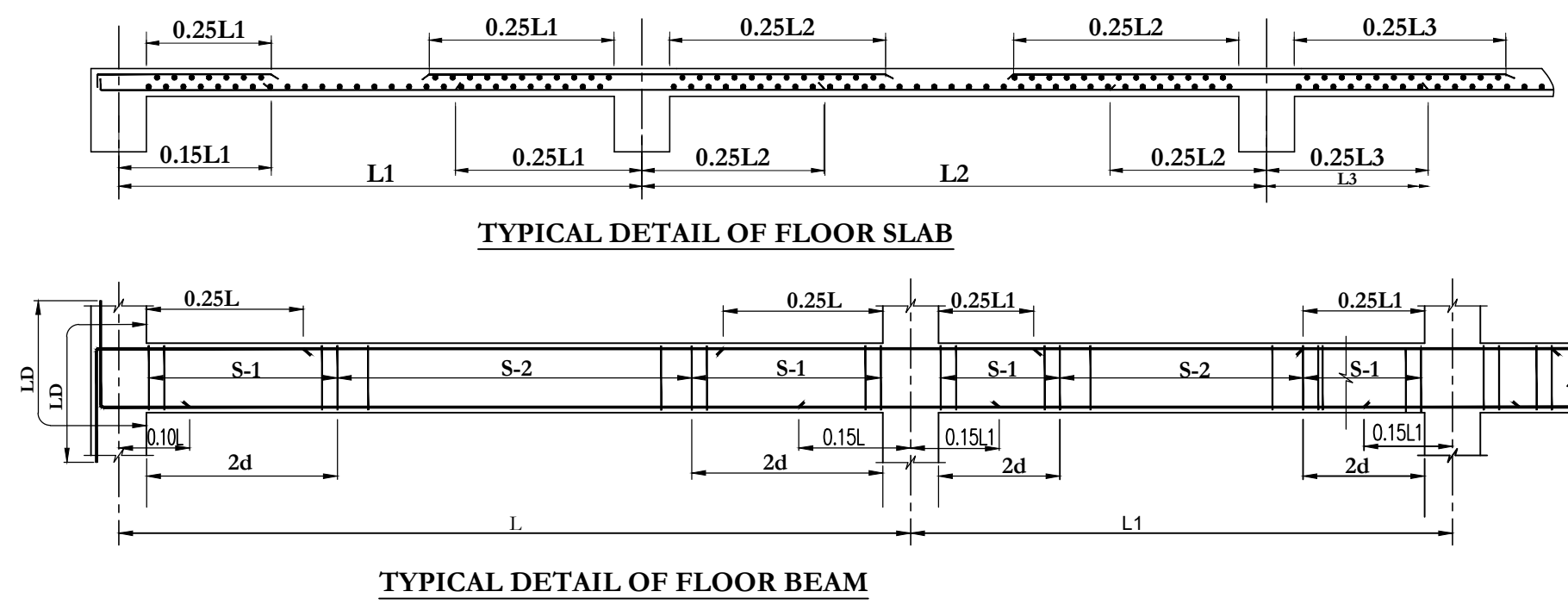


FOOTING MARK	SCHEDULE OF FOUNDATION									NO. OF FOOTING
	COLUMN MARK	LENGTH(L) (mm)	WIDTH(W) (mm)	THICKNESS(mm)		PEDESTAL		REINFORCEMENT		
				EDGE(E)	CENTER(C)	LENGTH(a)	WIDTH(b)	SHORTER SPAN(q)	LONGER SPAN(p)	
F1	C1,C4	2300	2300	200	350	+100 OF COL WIDTH	+100 OF COL LENGTH	12T @ 175 C/C	12T @ 175 C/C	2
F2	C2,C3,C6,C8,C9,C12	2500	2500	200	350	+100 OF COL WIDTH	+100 OF COL LENGTH	12T @ 175 C/C	12T @ 175 C/C	6
F3	C13,C15,C16,C17,C18	2700	2700	200	350	+100 OF COL WIDTH	+100 OF COL LENGTH	12T @ 150 C/C	12T @ 150 C/C	5
F4	C14	3000	3000	200	400	+100 OF COL WIDTH	+100 OF COL LENGTH	12T @ 150 C/C	12T @ 150 C/C	1
CF1	C6-C7-C10-C11	7150	3325	450	450			12T @ 175 C/C (AT TOP) 12T @ 100 C/C (AT BOTTOM)	12T @ 175 C/C (AT TOP) 12T @ 100 C/C (AT BOTTOM)	1

MKD.	THICK	SCHEDULE OF SLAB							
		REINFORCEMENT							
		SHORTER SPAN		LONGER SPAN					
S1	115	TOP	BOT.	TOP	BOT.	TOP	BOT.	TOP	BOT.
S2	150	10T @ 150 C/C	10T @ 300 C/C	10T @ 150 C/C	10T @ 300 C/C	10T @ 150 C/C	10T @ 300 C/C	10T @ 150 C/C	10T @ 300 C/C
S3	145	LONGITUDINAL REINFORCEMENT- 10T @ 125 C/C DISTRIBUTION STEEL - 8T @ 200 C/C							

MKD.	SIZE		REINFORCEMENT				STIRRUP (2L-8T)	
			SUPPORT		SPAN			
	WIDTH	DEPTH	TOP	BOTT.	TOP	BOTT.	SUPP.(s1)	SPAN (s2)
B1	250	400	3-16T+2-16T	3-16T	3-16T	3-16T	100 C/C	150 C/C
B2	250	400	3-16T+2-12T	2-16T+1-12T	3-16T	2-16T+1-12T	100 C/C	150 C/C
B3	250	400	3-16T	2-12T+1-16T	2-16T	2-12T+1-16T	100 C/C	150 C/C
B4	250	400	2-12T+1-16T	3-12T	2-12T+1-16T	3-12T	100 C/C	150 C/C
B5	250	400	3-12T	2-12T+1-16T	3-12T	2-12T+1-16T	100 C/C	150 C/C
B6	250	400	2-12T	2-12T	2-12T	2-12T	100 C/C	150 C/C

MKD.	SIZE		REINFORCEMENT				STIRRUP (2L-8T)	
			SUPPORT		SPAN			
	WIDTH	DEPTH	TOP	BOTT.	TOP	BOTT.	SUPPORT(s1)	SPAN (s2)
TB1	250	400	2-16T+1-12T	1-12T	2-16T+1-12T	1-12T	100 C/C	150 C/C
TB2	250	400	3-16T	3-16T	3-16T	3-16T	100 C/C	150 C/C



SCHEDULE OF COLUMN			NO. OF COL.
COLUMN MKD.	REINFORCEMENT		
	BELOW G.L. TO TOP LEVEL	SHAPE OF BAR	
C1,C2,C3,C4, C5,C8,C9, C10,C11,C12	4-16T + 4-12T WITH 2 C.L. PER SET	8T @150 C/C	10
C6,C7,C13, C15,C16, C17,C18	2-12T+8-16T WITH 2 C.L. PER SET	8T @150 C/C	7
C14	2-12T+10-16T WITH 2 C.L. PER SET	8T @150 C/C	1
STOOL COLUMN	4-16T WITH 1 C.L. PER SET	8T @150 C/C	

NOTES & SPECIFICATIONS

- 1.ALL DIMENSIONS ARE IN M.M. UNLESS OTHER
- 2.WRITTEN DIMENSIONS TO BE FOLLOWED.
- 3.ALL P.C.C WORK WILL BE IN (1:3:6)
- 4.ALL BUILDING MATERIALS TO BE USED AS PER
- 5.MINIMUM COVER FOR R.C.C. STRUCTURES :
FOR SLAB- 20 M.M.
FOR BEAM- 25 M.M.
FOR COLUMN- 40 M.M.
- 6.GRADE OF CONCRETE- M 20 (1:1.5:3).
- 7.GRADE OF STEEL - Fe 500
- 8.FOUNDATION DESIGNED CONSIDERING SOIL BEARING CAPACITY TO BE 10.0 T/SQM. AS PER SOIL REPORT.
9. FOUNDATION DEPTH= -1.5 M BELOW GROUND LEVEL.
10. CONSIDERING UNIT WEIGHT OF BRICK 20Kn/Cum.
11. THE STRUCTURAL DESIGN IS MADE CONSIDERING G+III STORIED STRUCTURE .

STRUCTURAL CERTIFICATE

THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER- STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME, CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER N.B.C. OF INDIA AND CERTIFICATE THAT IT IS SAFE AND STABLE IN ALL RESPECT.

SAMIRAN MUKHERJEE
GEOTECH
G.T.E-30(CLASS-1)
NAME OF G.T.E .

SAMIRAN MUKHERJEE
B.C.E.
E.S.E. NO. - 57
NAME OF E.S.E.

SOURMEN DEY
E.B.S. NO.- 102(CLASS-I)
P.O.-BORAL , MAJHER PARA,
P.S.-NARENDERPUR
KOLKATA - 700154,
NAME OF CONSULTANT.

M/S SWASTIK CONSTRUCTION

1. SRI . BHASKAR PAL.
2. SRI . SANJAY ROY .
3. SRI . BISHU MANNA .
4. SRI . SUBHADIP SARKAR

NAME OF POWER HOLDER .

SRI .MINTU KARMAKAR ,
SMT. RAMA GANGULY , &
SRI. SOURAV KARMAKAR.
NAME OF OWNER .

STRUCTURAL DRAWING OF PROPOSED G+ IV RESIDENTIAL BUILDING PLAN AT MOUZA - SRIPUR BAGHERGHOLE , J.L. No.- 59 , C.S. DAG NO. -15(P) , L.O.P. NO. -958 , WARD No.- 34 , HOLDING No.- 74 , SRIPUR BAGHERGHOLE , P.S.-SONARPUR , DIST.-24 PARGANA(S).
UNDER RAJPUR SONARPUR MUNICIPALITY.
OWNERS' NAME SRI .MINTU KARMAKAR , SMT. RAMA GANGULY , & SRI. SOURAV KARMAKAR.

TITLE
DETAILS OF:-
FOUNDATION,LIFT,COLUMN,TIE-BEAM,BEAM & SLAB.

STRUCTURAL SHEET

SCALE - 1:100 & AS NOTED

OFFICE USE ONLY