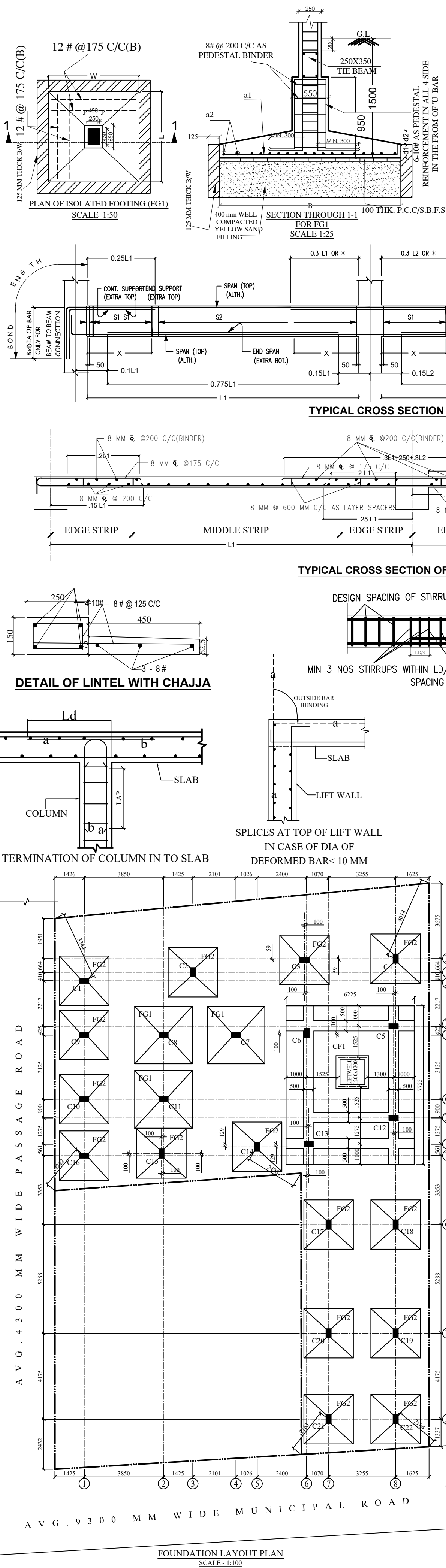


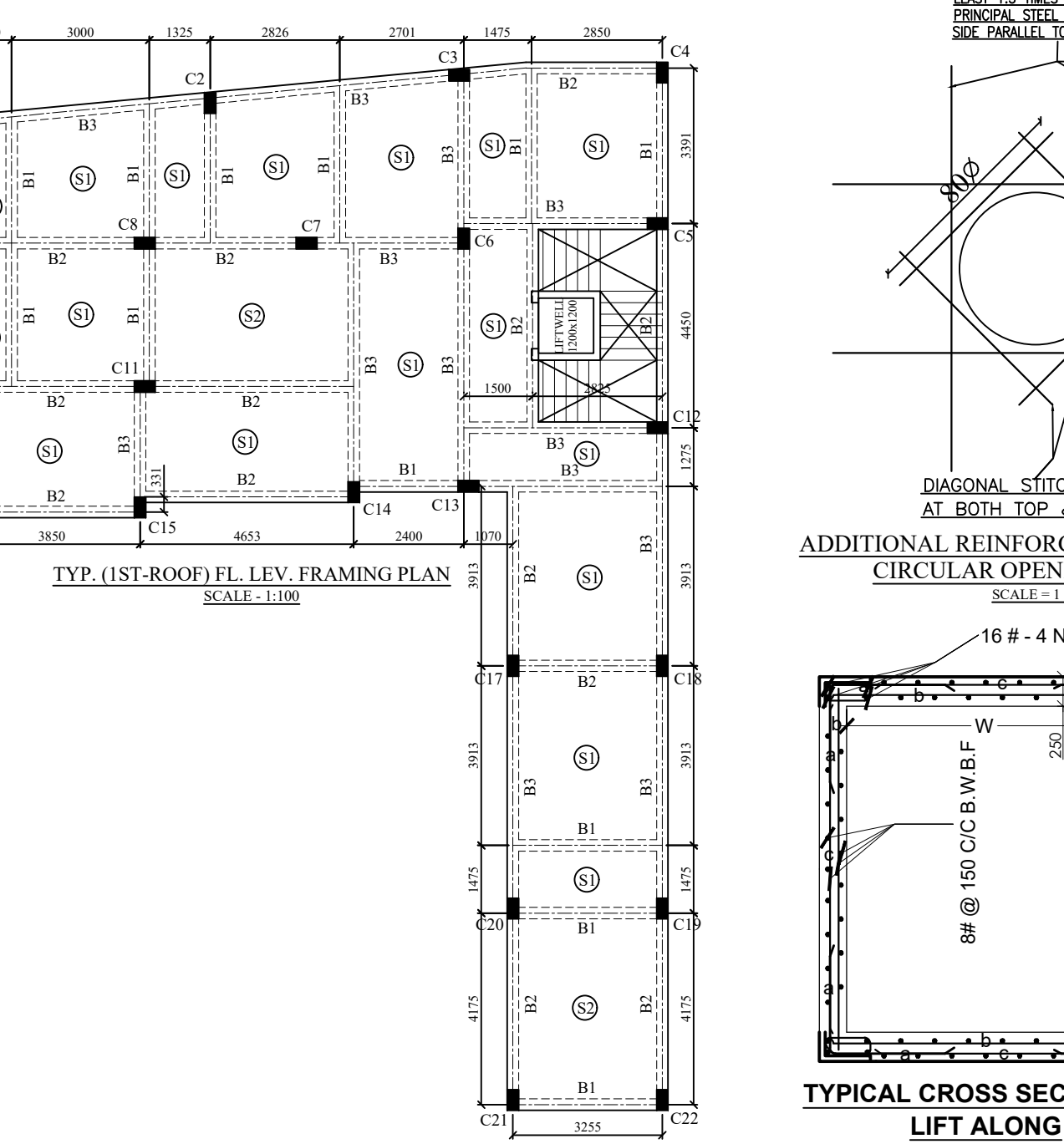
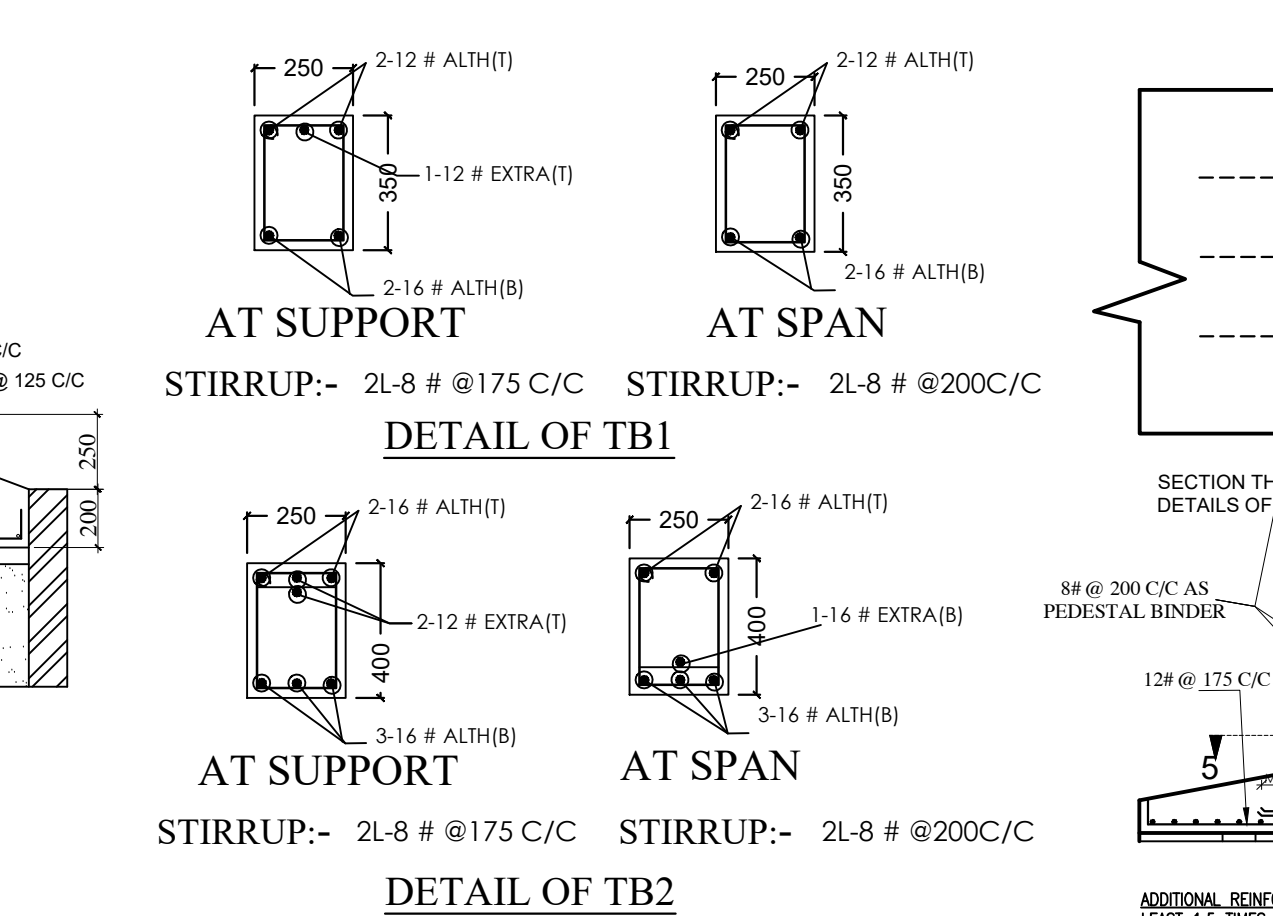
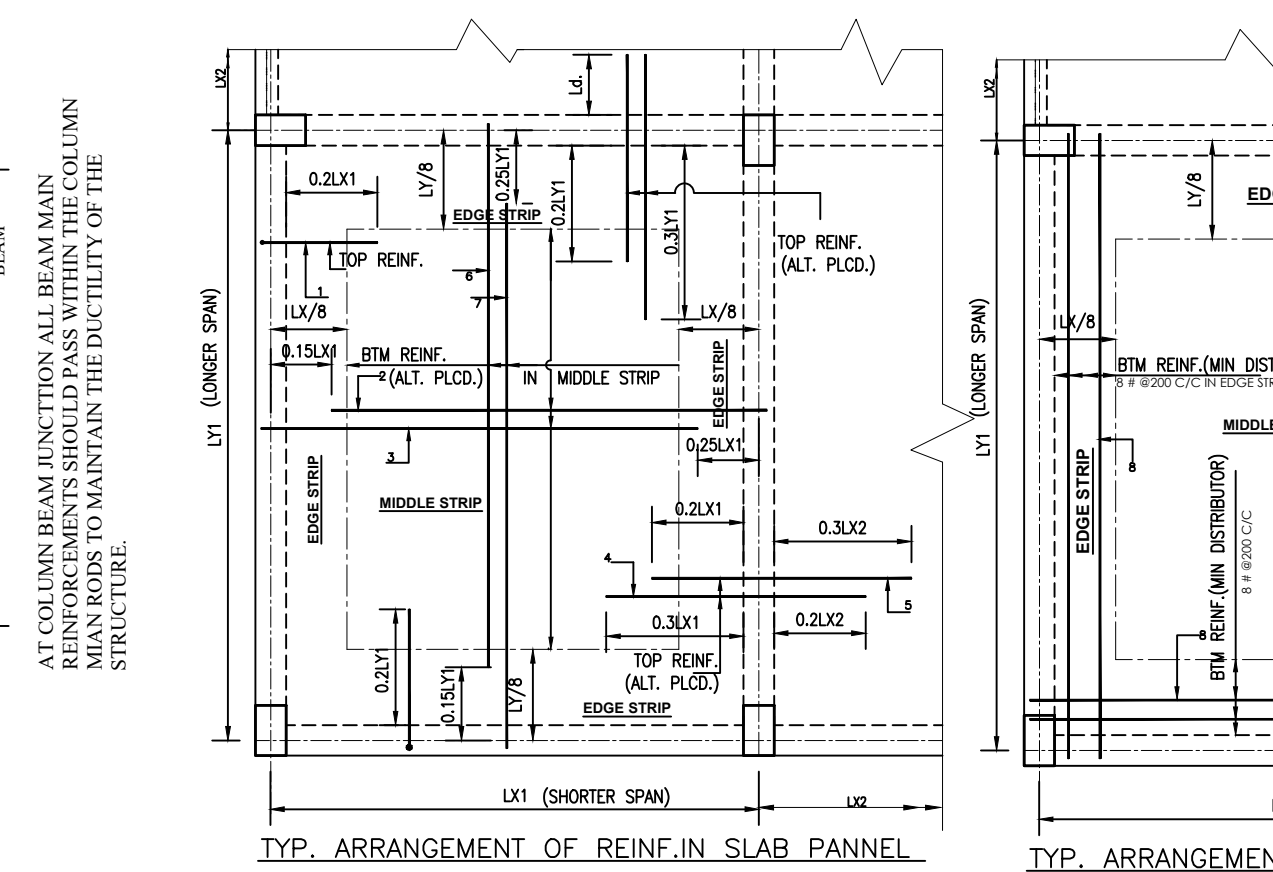


SCHEDULE OF R.C.C. COLUMN :- CONCRETE GRADE = M25				
GR-MARK	COLUMN-MARK	GR. TO 2ND FL. LEV.	UPTO ROOF LEV.	LINK ARRANGEMENT
GR-I	C6, C7, C8, C11.			
GR-II	C1,C2,C3,C4,C5,C9, C10,C12,C13,C14, C15,C16,C17,C18, C19,C20,C21,C22.			

SCHEDULE OF ISOLATED FOOTING (CONC. GRADE - M25)					
FOOTING MKD	SIZE (WxL)	d1	d2	REINFORCEMENT	
FG1	2800X2800	250	250	12 # @ 150C/C	12 # @ 150C/C
FG2	2400X2400	200	200	12 # @ 175C/C	12 # @ 175C/C

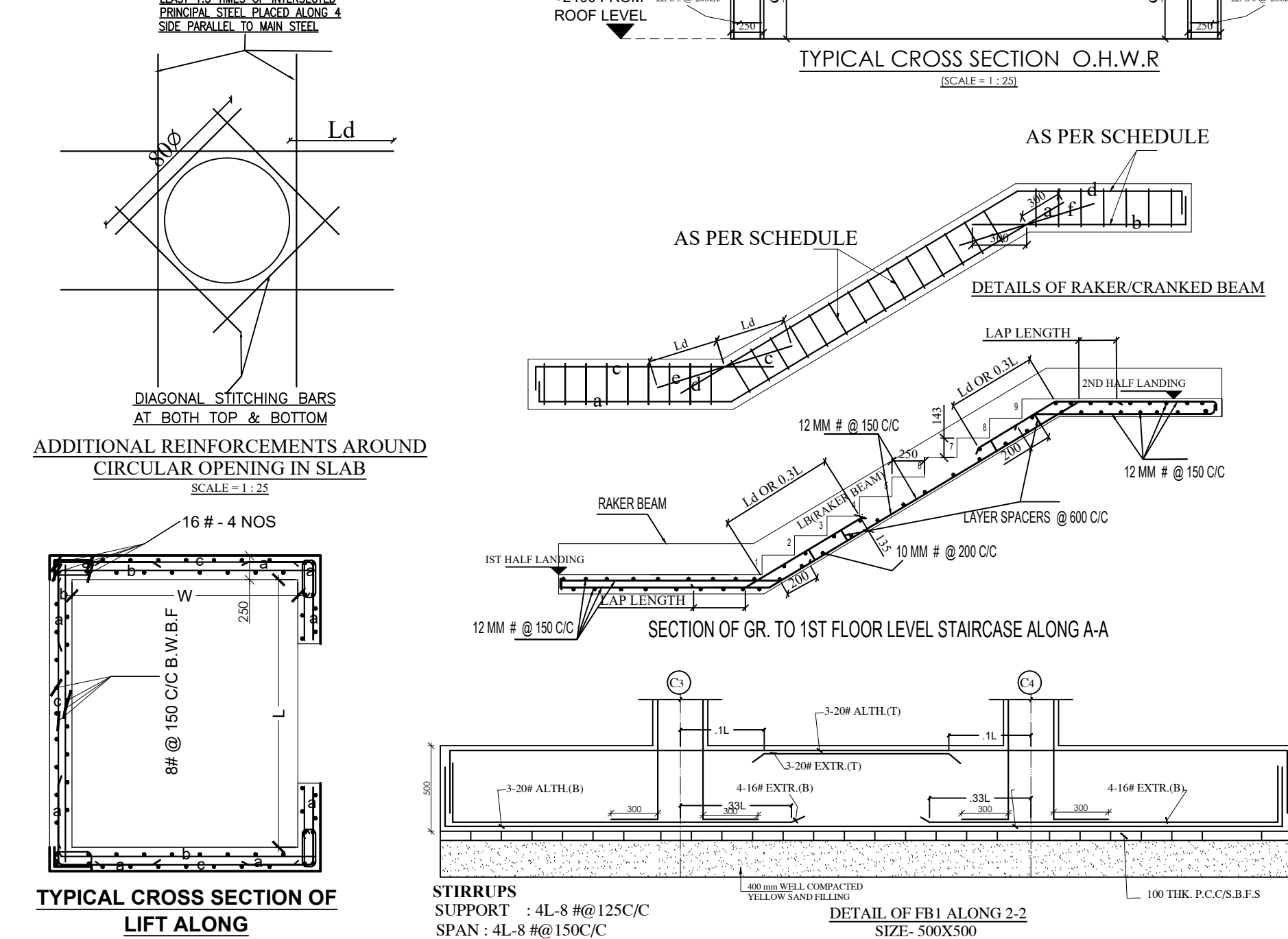
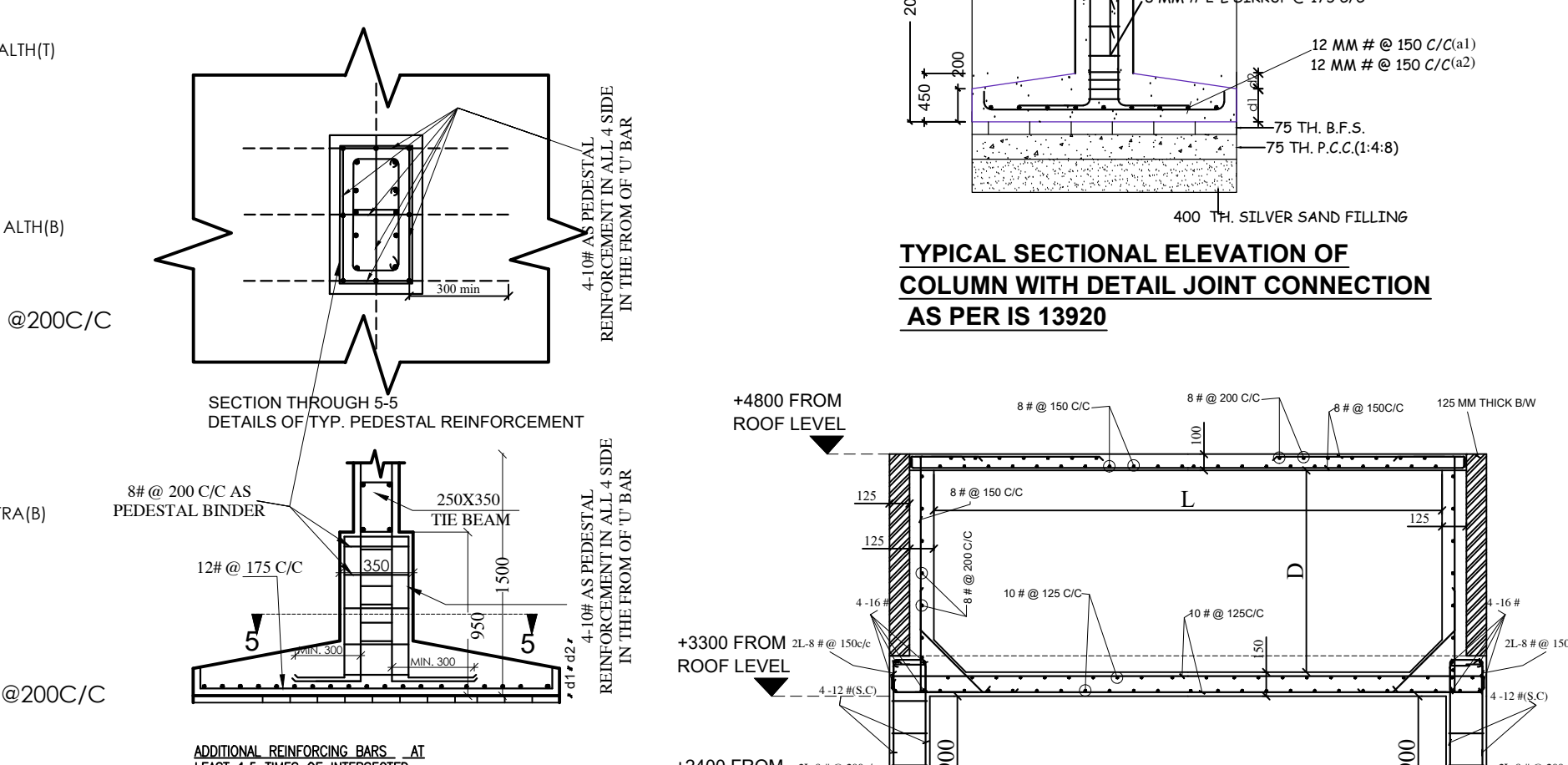
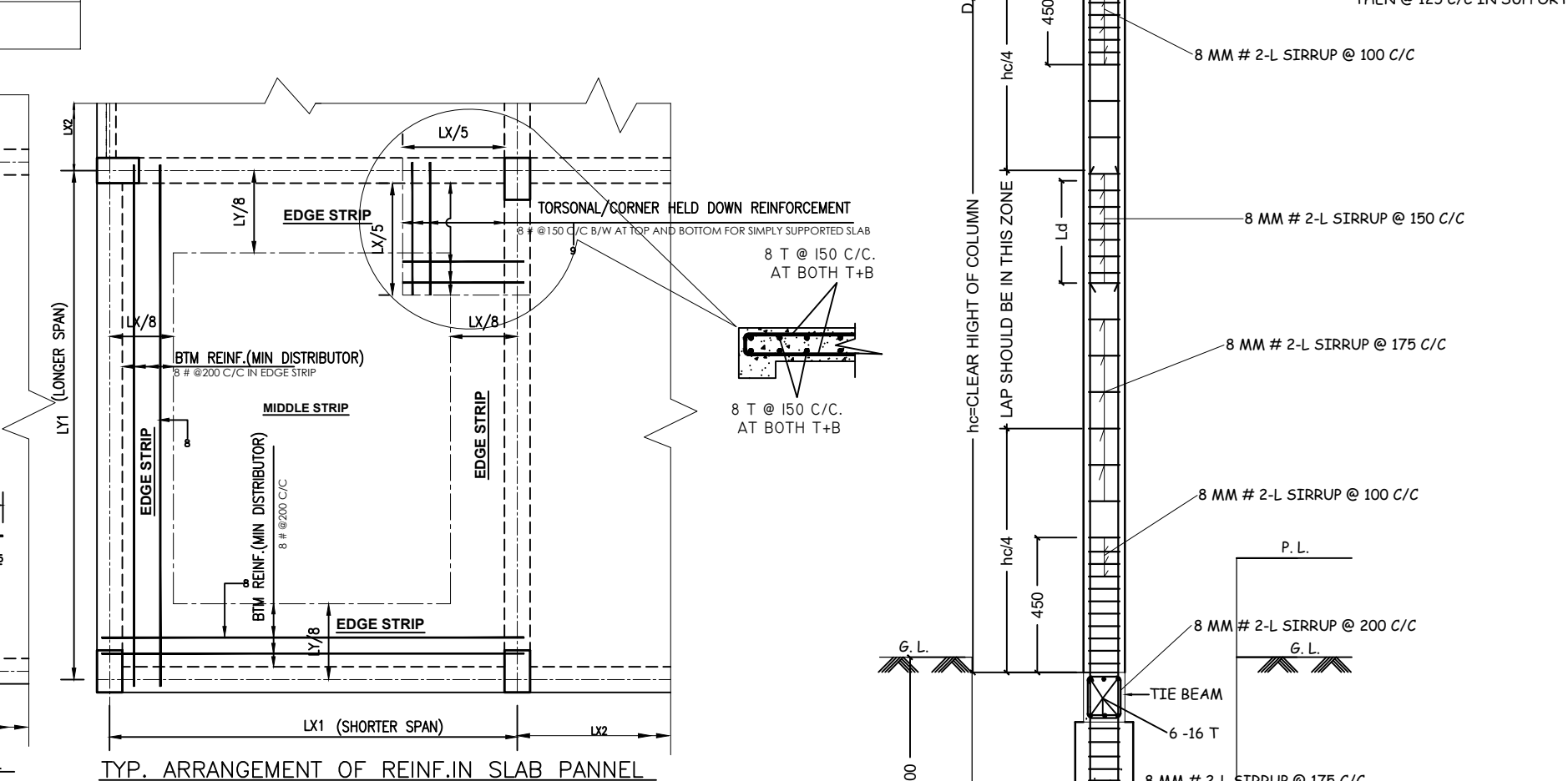
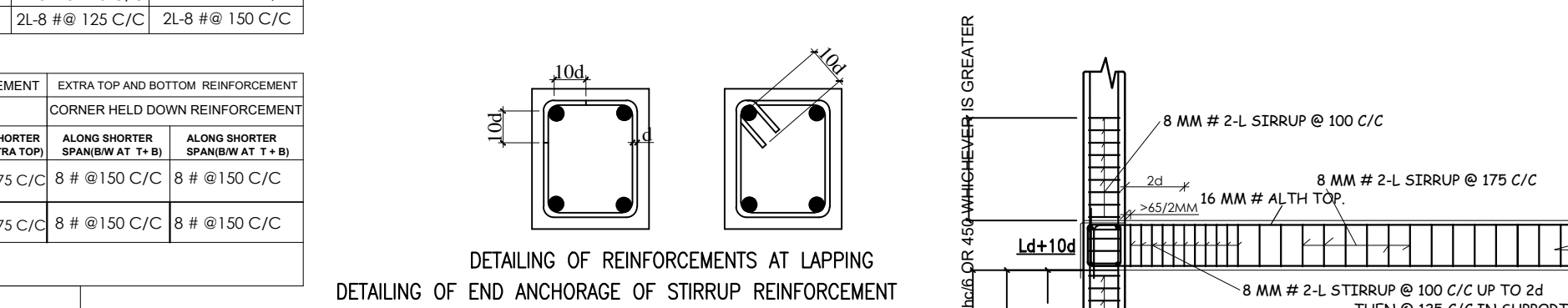
SCHEDULE OF FLOOR BEAMS (CONC. GRADE - M25)					
BEAM MKD.	SIZE	ALTH. REINFORCEMENT		EXTRA REINFORCEMENT	STIRRUPS
		TOP	BOTTOM	CONT. SUPP. TOP	
B1	250X350	2-16#	2-16#	2-12#	2L-8 # @ 125 C/C
B2	250X350	2-16#	2-16#	1-16#	2L-8 # @ 125 C/C
B3	250X450	3-16#	2-16#	3-16#	2L-8 # @ 125 C/C
LB	250X350	2-16#	2-16#	2-12#	2L-8 # @ 125 C/C

SCHEDULE OF SLABS (CONC. GRADE - M25)					
SLAB MKD.	SLAB THK	BOTTOM REINFORCEMENT		EXTRA TOP REINFORCEMENT	EXTRA TOP AND BOTTOM REINFORCEMENT
		MIDDLE STRIP (ALT. PLCD)	EDGE STRIP	EDGE STRIP	CORNER HELD DOWN REINFORCEMENT
S1	115 mm	8 # @ 175 C/C	8 # @ 175 C/C	8 # @ 175 C/C	8 # @ 150 C/C
S2	130 mm	8 # @ 175 C/C	8 # @ 175 C/C	8 # @ 175 C/C	8 # @ 150 C/C



SCHEDULE OF COMBINED COLUMN FOOTING & FOUNDATION BEAM (CONC. GRADE - M25)											
FOOTING MKD	SIZE AXB	d1	d2	REINFORCEMENT		BEAM SIZE bxd	TOP	BOTTOM	EXTRA REINF.		
				a1	a2				CONT. SUPP.(B)	MID. (T)	DISCONT. EDGE.
CF1	7725x6225	200	250	12 # @ 150 C/C	10 # @ 175 C/C	500x500	4 - 16 #	4 - 16 #	2 - 16 #	2 - 16 #	2 - 16 #

SCHEDULE OF TIE BEAMS: (USE CONC. GRADE-M25)											
BEAM MKD.	SIZE	ALTH. TOP	ALTH. BOTTOM	REINFORCEMENT		EXTRA TOP AT CONT. SUPPORT	EXTRA BOT. AT SPAN.	EXTRA TOP AT DISCON.SUPPORT	STIRRUP AT SUPP.	STIRRUP AT SPAN	SPAN
				a1	a2						
TB1	250x350	2-16#	2-16#	2-12#	2-12#	1-12#	1-12#	1-12#	2L-8# @ 175C/C	2L-8# @ 200C/C	4L-8 # @ 150 C/C
TB2	250x400	2-16#	2-16#	2-12#	2-12#	1-16#	1-16#	1-16#	2L-8# @ 175C/C	2L-8# @ 200C/C	4L-8 # @ 150 C/C



CERTIFICATE OF STRUCTURAL STABILITY

WE HEREBY CERTIFY THAT THE FOUNDATION & SUPER PROPOSED FOR CONSTRUCTION ON HOLDING NO. 190 OF HAVE BEEN SO DESIGNED BY / US WILL MAKE SUCH FOUNDATION ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING SOIL ETC....

CHIRANJEET DAS
STRUCTURAL ENGINEER
B.E. DIPLOMA IN CIVIL CLASS 1 MED
REGISTRATION NO. 2003116874
SIGNATURE OF STRUCTURAL ENGINEER

DECLARATION OF OWNER & ARCHITECT/L.B.S

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWING OF THE PROJECT HAVE BEEN PREPARED BY ME COMPLYING WITH THE WEST BENGAL MUNICIPAL BUILDING RULE 2007. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES (THE WEST BENGAL MUNICIPAL BUILDING RULES 2007) IS FOUND. IN ANY OF THE DRAWING AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

ADITYA CONSTRUCTIONS CO.

BISWAJIT TRIVEH

CONSTITUTE POWER OF ATTORNEY OF
1. DIPJIT DAS
2. MIHIR PAL
3. SISHIR PAL
4. ARUNA GHOSH
5. SOMA DEY
6. RUMA DAS

SIGNATURE OF OWNER

- NOTES
- 1) ALL DIMENSIONS ARE IN MM. UNLESS SPECIFIED.

2) GRADE OF CONCRETE - PILE = M-25, PILE CAP=M-25, BEAM=M-25, COLUMN=M-25, SLAB=M-25

3) GRADE OF STEEL - H.Y.S.D. (Fe 415), (Fe 500)

4) DO NOT SCALE THE DRAWING, WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

5) BASIS OF DESIGN IS LIMIT STATE METHOD .

6) LAPS & ANCHORAGE OF REINF. 50 TIMES DIA OF BARS.

7) CLEAR COVER TO MAIN REINFORCEMENT PILE = 50MM, PILE CAP/FOUNDATION=75MM, BEAM= 25 MM, COLUMN= 40 MM, SLAB= 20 MM.

8) BEARING CAPACITY OF SOIL CONSIDERED AS PER SOIL REPORT.

9) CUT OFF LEVEL OF PILE = 1.5 M BELOW G.L.

10) STRUCTURAL DESIGN IS MADE BY STAAD PRO & SAFE ARE CONSIDERING IS 456-2000, IS 1893-2002 (SEISMIC CODE), IS 13920 (SEISMIC DETAILING) AND LOAD IS CONSIDER AS PER IS 875

11) THIS DRAWING IS A PRIVATE & CONFIDENTIAL DOCUMENT OF THE CONSULTANT. IT MUST NOT BE COPIED OR CHANGED WITHOUT THEIR CONSENT.

PROJECT:-
PROPOSED G+III STORIED RESIDENTIAL BUILDING PLAN WITH CONSIDERING STRUCTURAL LOAD OF EXTRA ONE STORIED FOR MOUZA- NATAGARH, J. L. NO. - 15, L.O.P NO.- 14 & 16, R.S. KHATIAN NO.- 16, L.R. KHATIAN NO-1807, C.S DAG NO- 2058(P), R.S. & L.R. DAG NO-2058, WARD NO.- 31, HOLDING NO.-190, TIRTHA BHARATI, P.S.- GHOLA, KOLKATA -700110,, DISTRICT-NORTH 24 PARGANAS, UNDER PANIHATI MUNICIPALITY.

OWNER NAME:- 1. SRI DIPAJIT DAS ALIAS DIPJIT DAS, 2. SRI MIHIR PAL, 3. SRI SISHIR PAL, 4. SMT. ARUNA GHOSH, 5. SMT. SOMA DEY, 6. SMT. RUMA DAS.

TITLE:-
DETAILS OF FOUNDATION, GRID & COLUMN LAYOUT
DETAILS OF SECTIONAL REINFORCEMENT, TIE BEAM & TYPICAL FLOOR BEAM FRAMING PLAN WITH ALL SECTIONAL DETAILS ALONG WITH ALL NECESSARY DUCTILITY DETAILS OF REINFORCEMENT

STRUCTURAL CONSULTANT :-

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SCALE:- 1 : 500 , 1 : 100 , 1 : 50 , 1 : 25
DRAWN BY :- K. HALDER
CHECKED BY :- Chiranjeev Das/Aziz Hossain
DATE:- 25.05.2024
SUBJECT:-
FOUNDATION LAYOUT, LAYOUT, TIE BEAM, TYPICAL FLOOR FRAMING PLAN, COLUMN LAYOUT, SLAB LAYOUT & DETAILS OF SAME.

DRG.NO :- DHA/ADITYA CONSTRUCTION/STR-WORK-1/24-25