

FOOTING SCHEDULE (M25:Fe500)

FOOTING NUMBERS	COLUMN NUMBERS	FOOTING TYPE	FOOTING DIMENSION				FOOTING REINFORCEMENT	
			L	B	D1	D	ALONG B	ALONG L
F1	C1,C3,C19	SLOPED	2000	2000	200	350	T12@150 C/C	T12@150 C/C
F2	C2,C4,C21,C22	SLOPED	2100	2100	200	350	T12@150 C/C	T12@150 C/C
F3	C5,C6,C7,C13 C20,C23,C24	SLOPED	2200	2200	200	350	T12@150 C/C	T12@150 C/C
F4	C8,C14	SLOPED	2300	2300	200	350	T12@150 C/C	T12@150 C/C
F5	C9+C10+C11+C12+ C15+C16+C17+C18	COMBINED	9775	5125	400	400	T12@150 C/C	T12@150 C/C TOP & BOTTOM BOTH LAYERS

** THE DEPTH OF FOUNDATION SHOULD BE 1.200 M BELOW THE E.G.L.

FOUNDATION BEAM SCHEDULE (M25:Fe500)

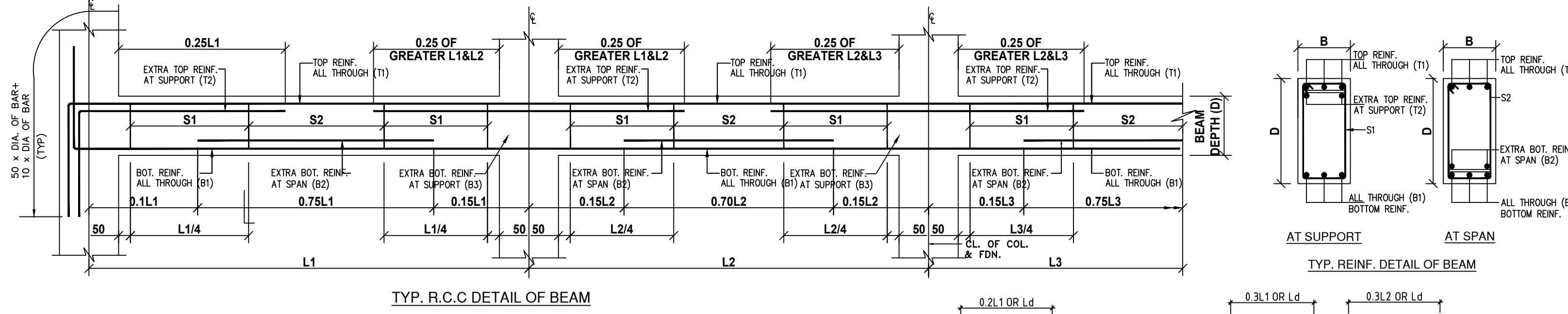
BEAM NUMBERS	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT		SHEAR STIRRUPS	
	B1	D2	SUPPORT	SPAN	SUPPORT	SPAN	SUPPORT(S1)	SPAN(S2)
SB1	500	600	5-T16	5-T16	5-T16	5-T16	4L-T8@125 C/C	4L-T8@150 C/C

COLUMN SCHEDULE (M25:Fe500)

ROOF TO FOOTING	M25 : Fe500 , COVER = 40mm END / CONFINING ZONE = 450 MM			M25 : Fe500 , COVER = 40mm END / CONFINING ZONE = 450 MM			M25 : Fe500 , COVER = 40mm END / CONFINING ZONE = 450 MM			M25 : Fe500 , COVER = 40mm END / CONFINING ZONE = 450 MM		
	Z1 MAIN LINK	Z1 OTHERS	Z2 LINKS	Z1 MAIN LINK	Z1 OTHERS	Z2 LINKS	Z1 MAIN LINK	Z1 OTHERS	Z2 LINKS	Z1 MAIN LINK	Z1 OTHERS	Z2 LINKS
	T8 @ 75	T8 @ 75	T8 @ 150	T8 @ 75	T8 @ 75	T8 @ 150	T8 @ 75	T8 @ 75	T8 @ 150	T8 @ 75	T8 @ 75	T8 @ 150
	10-T16			8-T16			8-T16			6-T16		
COLUMN MARKED	C8,C9,C10,C11,C14,C15,C16,C17						C6,C12,C18,C20,C24			C2,C4,C5,C23		

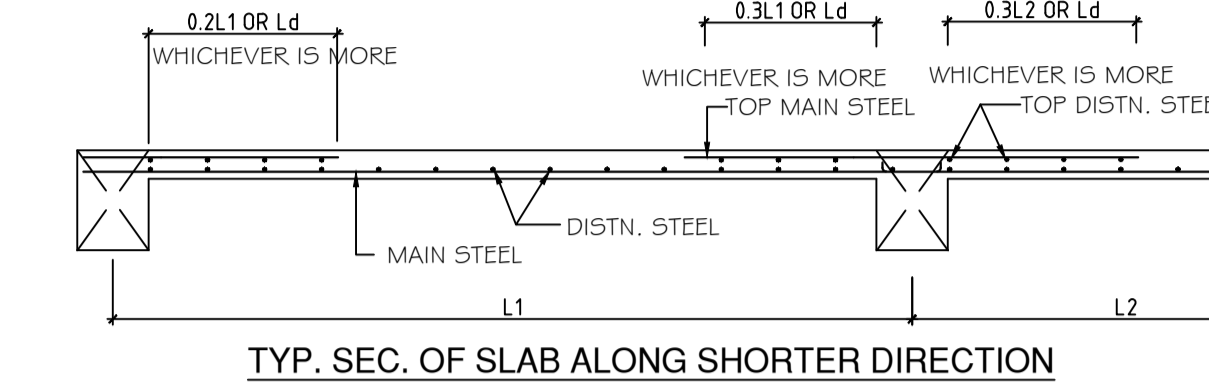
BEAM SCHEDULE (M25:Fe500)

BEAM NUMBERS	SIZE		BOTTOM REINFORCEMENT			TOP REINFORCEMENT			SHEAR STIRRUPS	
	B	D	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	SUPPORT	SPAN
B1	250	400	3-T16	3-T16 + 2-T12	3-T16	3-T16 + 2-T16	3-T16	3-T16	2L-T8 @ 125 C/C	2L-T8 @ 125 C/C
B2	250	400	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16	2L-T8 @ 125 C/C	2L-T8 @ 125 C/C
B3	250	350	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8 @ 125 C/C	2L-T8 @ 125 C/C
B4	200	350	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16	2L-T8 @ 125 C/C	2L-T8 @ 125 C/C
TB1	250	350	3-T16	3-T16	3-T16	3-T16 + 2-T12	3-T16	3-T16	2L-T8 @ 125 C/C	2L-T8 @ 125 C/C
TB2	250	350	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8 @ 125 C/C	2L-T8 @ 125 C/C
TB3	200	350	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16	2L-T8 @ 125 C/C	2L-T8 @ 125 C/C



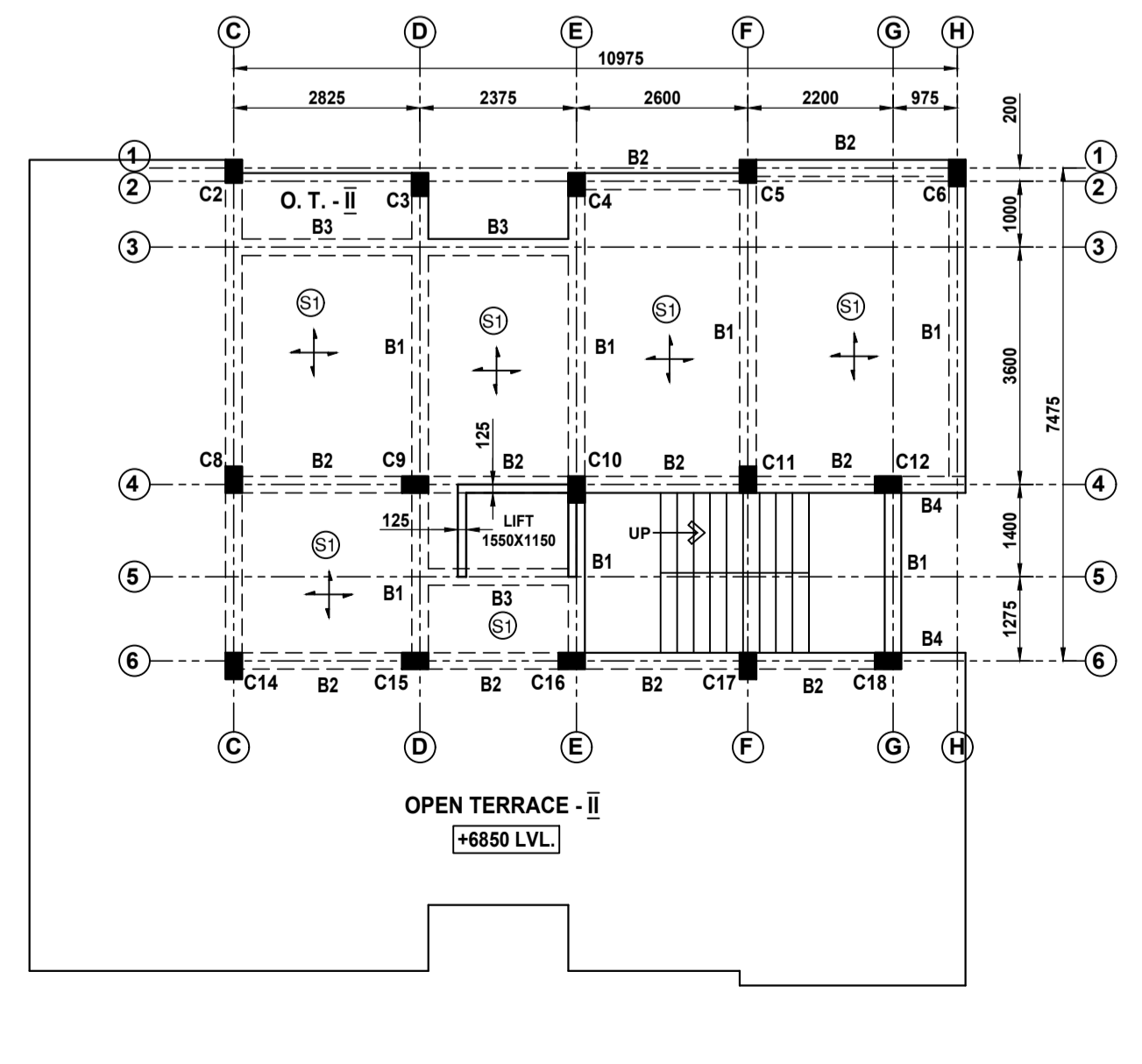
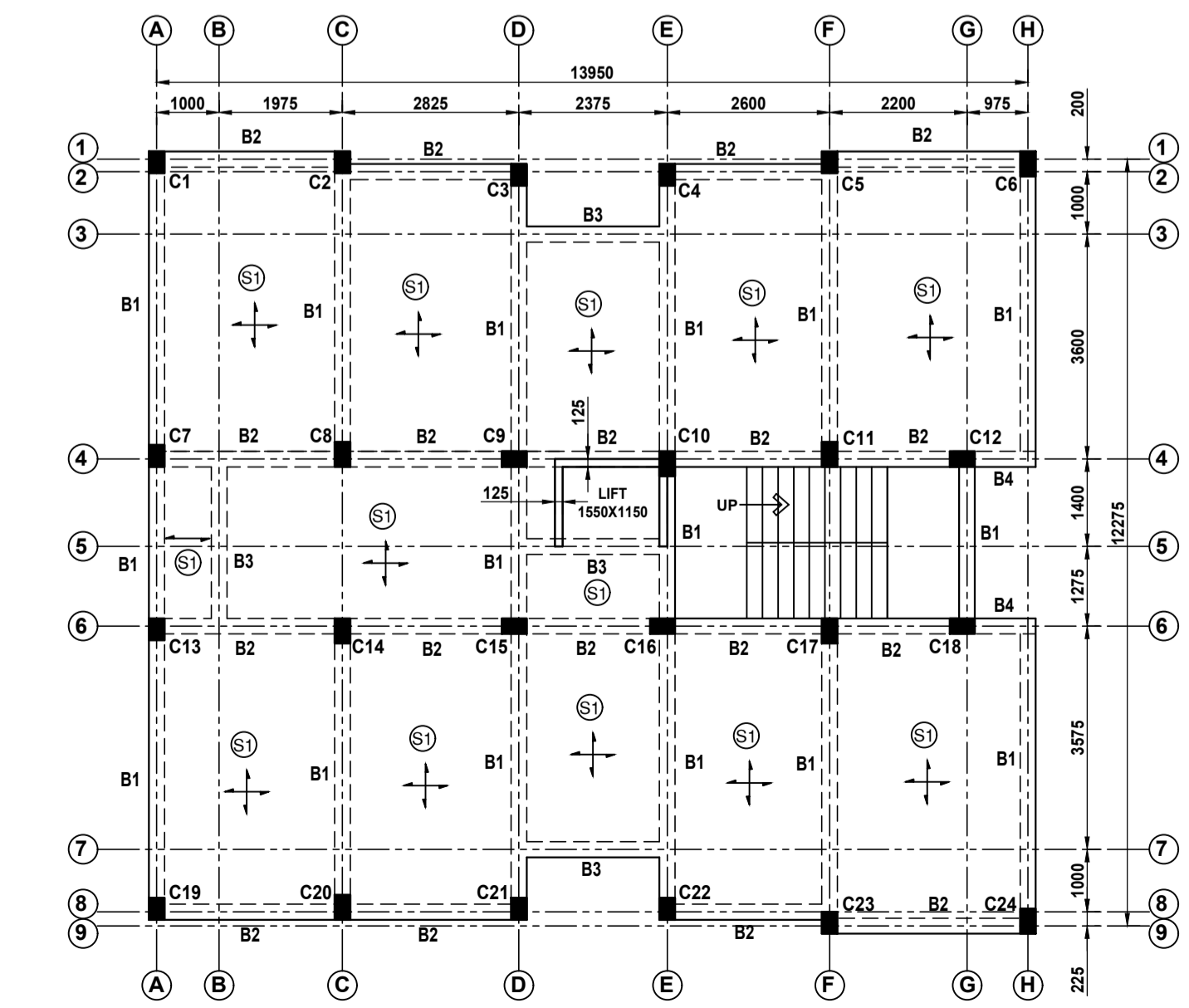
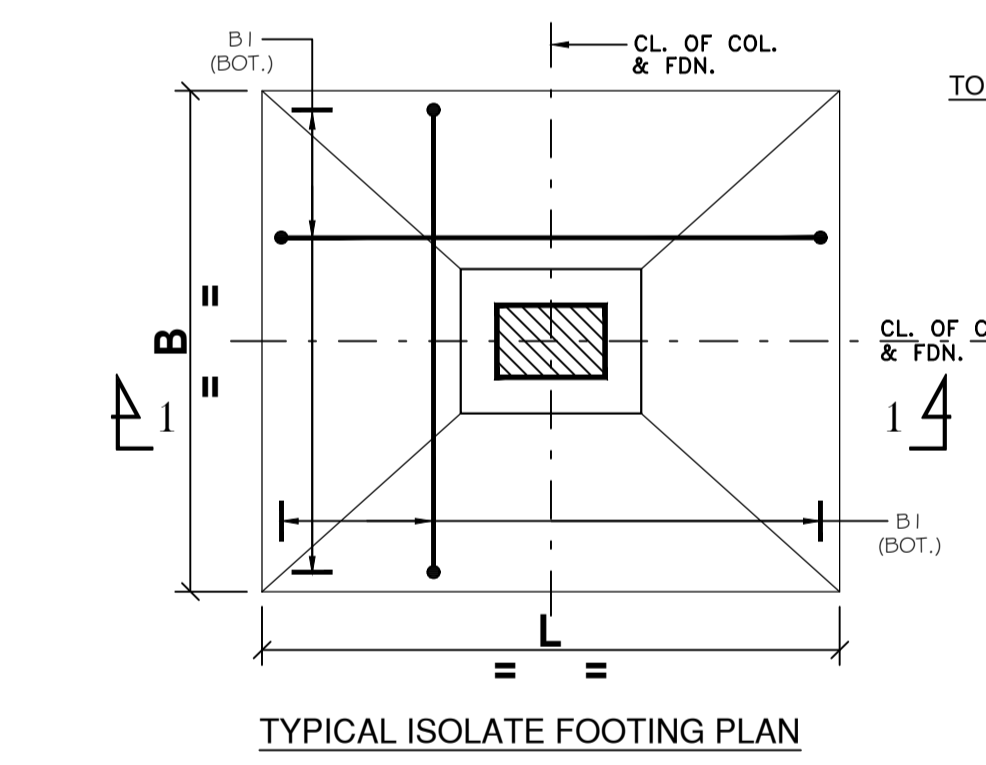
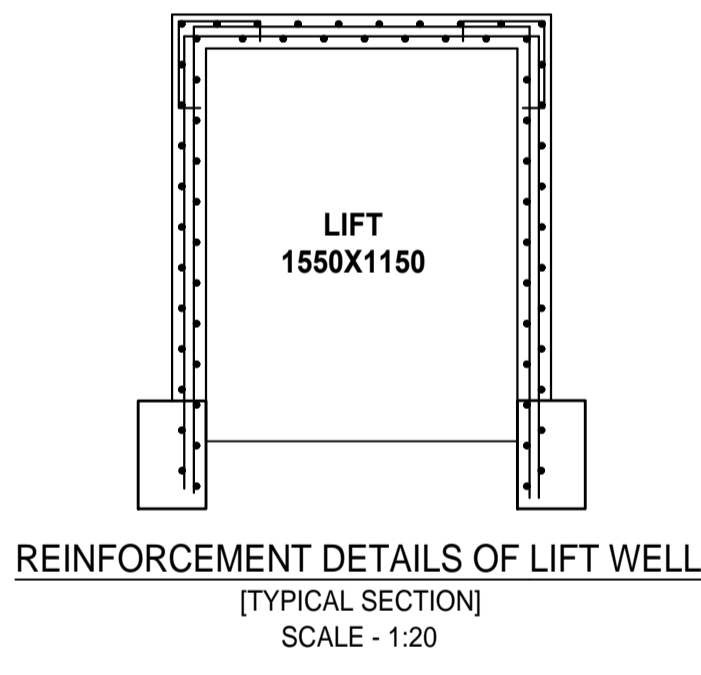
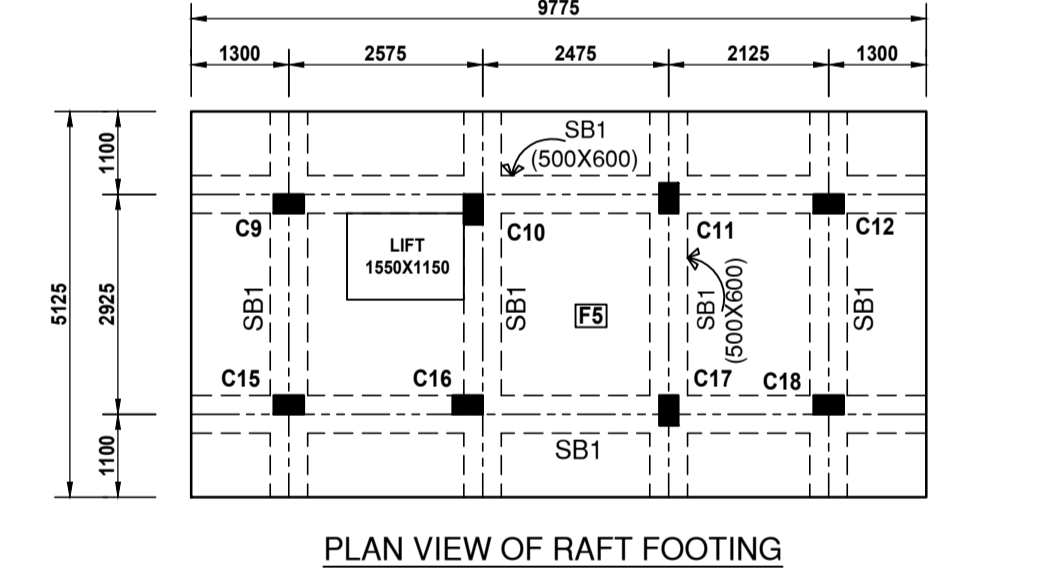
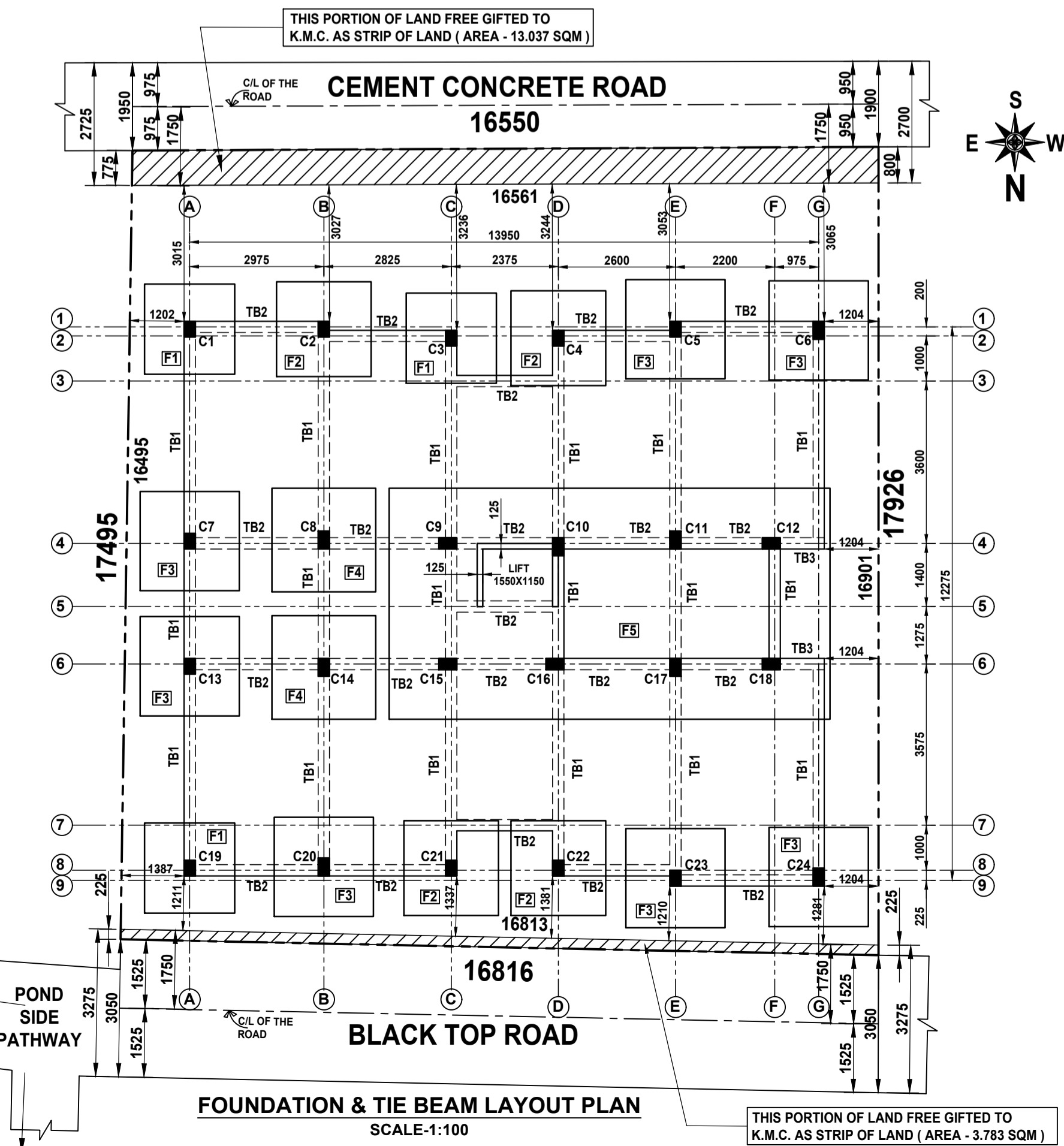
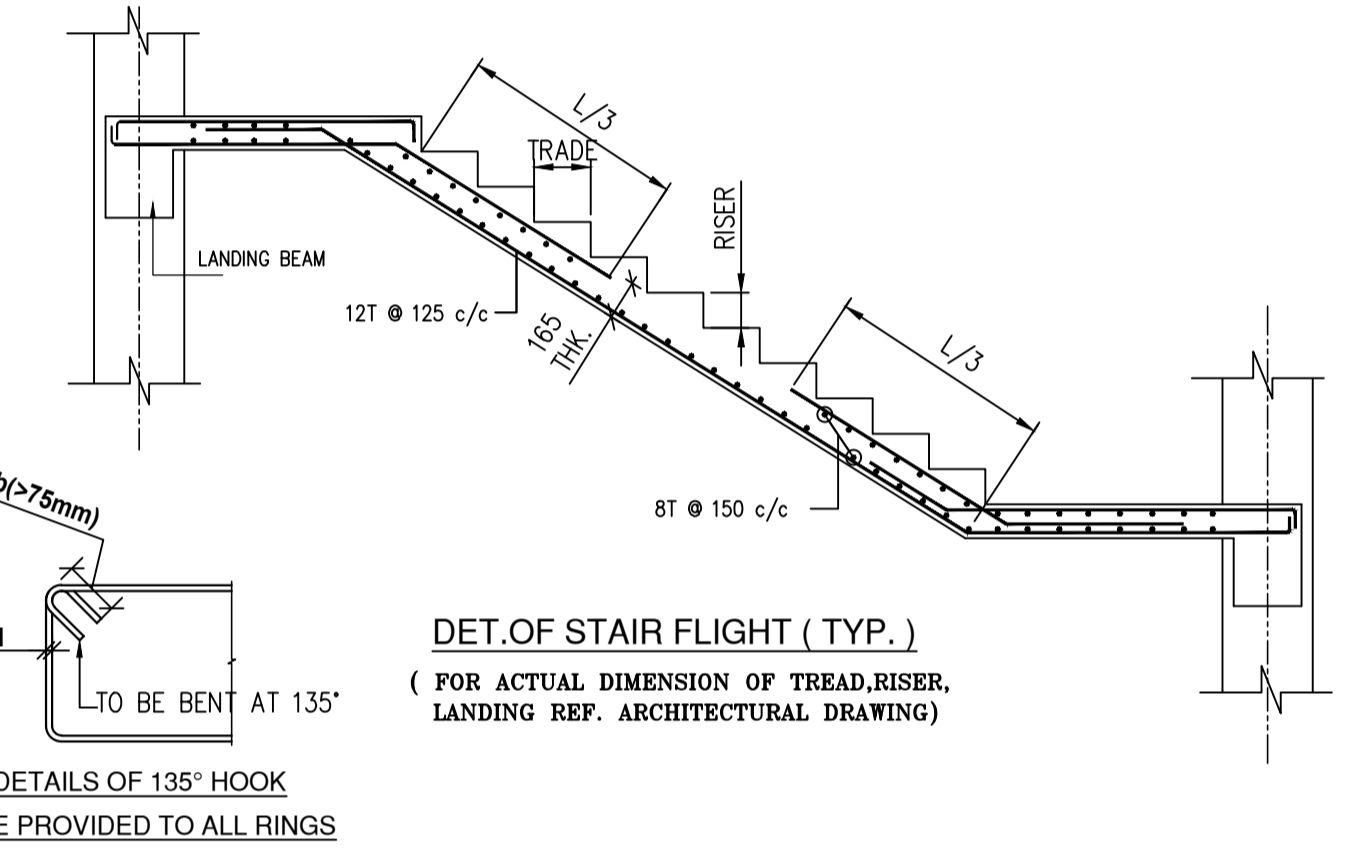
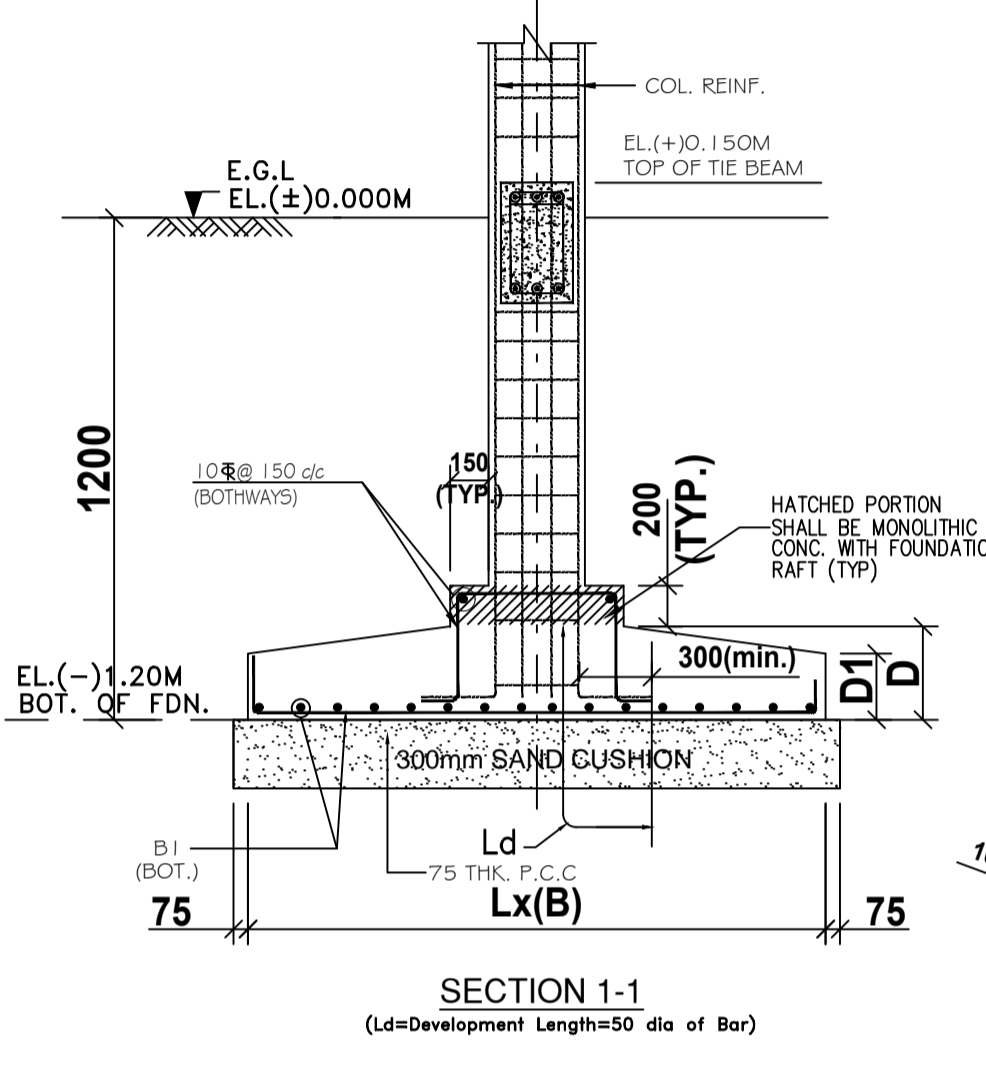
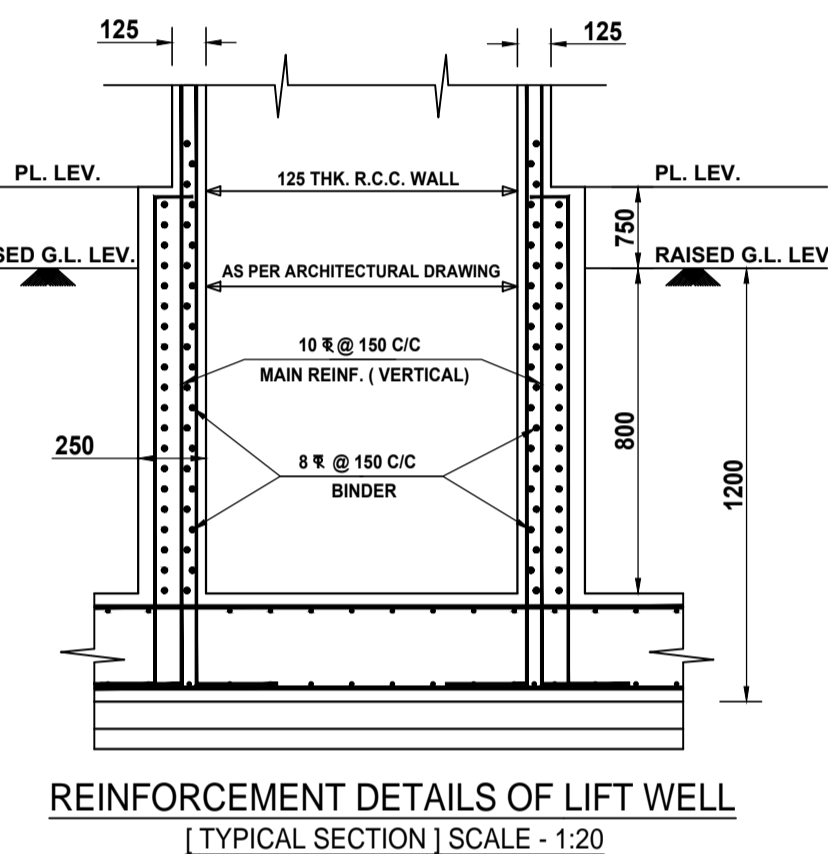
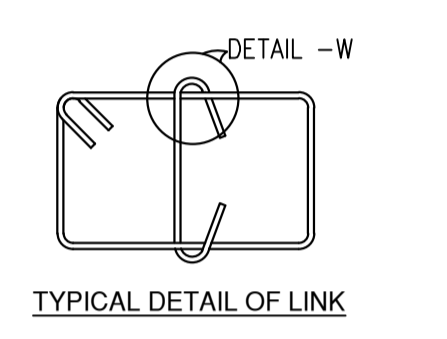
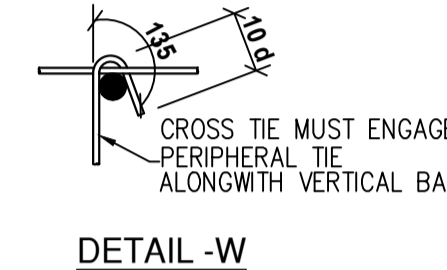
FLOOR SLAB SCHEDULE (M25 : Fe500)

SLAB MARKED	SLAB THICKNESS	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
		ALONG SHORT SPAN	ALONG LONG SPAN	OVER LONG SUPPORT	OVER SHORT SUPPORT
S1	125	T8 @ 150 C/C	T8 @ 150 C/C	T8 @ 150 C/C	T8 @ 150 C/C



NOTES:-

- UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
- 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.
- ALL 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 STRUCTURAL 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 8 T @ 250 C/C
- CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
 - i) COLUMNS : 40 MM
 - ii) SLAB : 20 MM
 - iii) BEAM : 25 MM
 - iv) WALL : 20 MM
 - v) STAIR : 20 MM
- GRADE OF CONCRETE WILL BE M25 FOR BOTH SUB AND SUPERSTRUCTURE AS PER IS: 456:2000.
- DEVELOPMENT LENGTH 50XD FOR LAP & SPICES SHOULD BE PROVIDED AS PER THE PROVISIONS LAID DOWN IN SP34:1987



CERTIFICATE OF STRUCTURAL ENGINEER :-
 CERTIFIED WITH FULL RESPONSIBILITY THAT THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME , CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

Manash M.G. Majumder
 (M.Tech.-Struc.)
 Empanelled Structural Engineer,
 Kolkata Municipal Corporation
 E.S.E. No.-II/506

SIGNATURE OF E.S.E.
MANASH M.G. MAJUMDER, ESE / II / 506

SANJAY BOSE
 (PROPRIETOR OF M/S SANJAY CONSTRUCTION)
 AS CONSTITUTED POWER OF ATTORNEY FOR
 SRI SAIBAL SAHA ROY &
 SRI SWAPAN KUMAR BOSE

SIGNATURE OF APPLICANT
 SANJAY BOSE (PROPRIETOR OF M / S. SANJAY CONSTRUCTION), AS CONSTITUTED POWER OF ATTORNEY FOR SRI SAIBAL SAHA ROY & SRI SWAPAN KUMAR BOSE

Manash M. G. Majumder
 (Civil Engineer)
 Class-I LBS, Kolkata Municipal Corporation
 LBS NO.- 1078(I)

SIGNATURE OF LBS
MANASH M.G. MAJUMDER, LBS / I / 1078

STRUCTURAL DRAWING FOR THREE STORIED RESIDENTIAL BUILDING (U / S 393A OF K.M.C. ACT 1980 & K.M.C. BLDG. RULE - 2009) AT PREMISES NO. - 243, PURBA FULBAGAN & FULBAGAN ROAD, WARD NO.- 101, BOROUGH - XII, P.S.- PATULI, KOLKATA - 700 086, (BUILDING HEIGHT - 9.900M) , MOUZA- BADEMASUR, J.L. NO. - 31, E.P. NO.- 165 & 165A, S.P. NO.- 998 & 998/1, C.S. PLOT NO.- 272(P), UNDER THE KOLKATA MUNICIPAL CORPORATION

Drawn by Bikash Halder | Checked by M.M.G.M. | Approved by - date M.M.G.M. - 23/12/22 | Filename S / P / 393A / 11 / 36 / 22-23 | Date 22.12.2022 | Scale 1:100, 50,600,4,000

Space-S
 LAYOUT PLANS, TYPICAL SECTIONAL, DETAILS & SCHEDULES
 243, PURBA FULBAGAN & FULBAGAN ROAD
 Sheet 0 / 1

ALL DIMENSIONS ARE IN MM OTHERWISE MENTIONED.