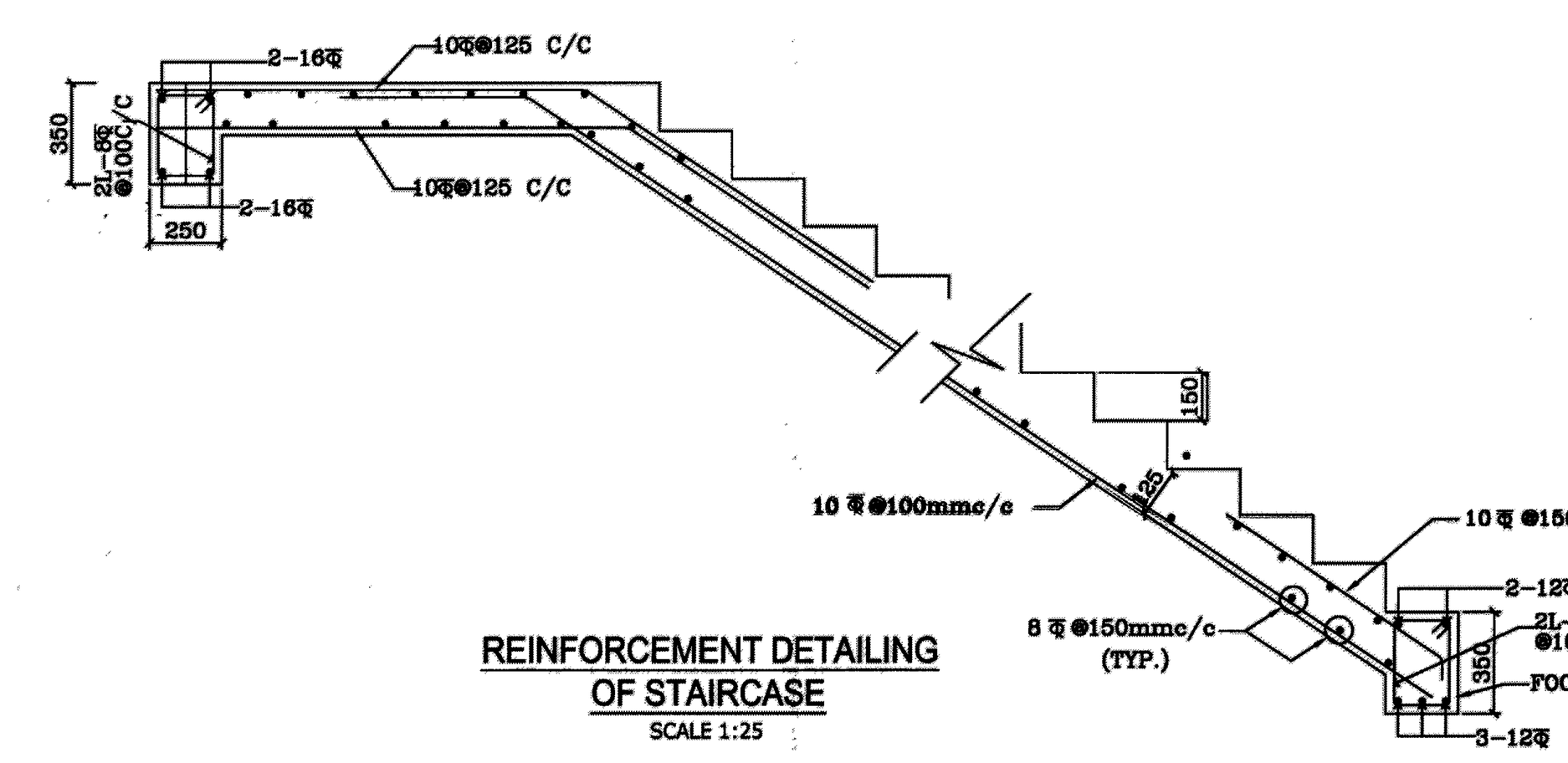
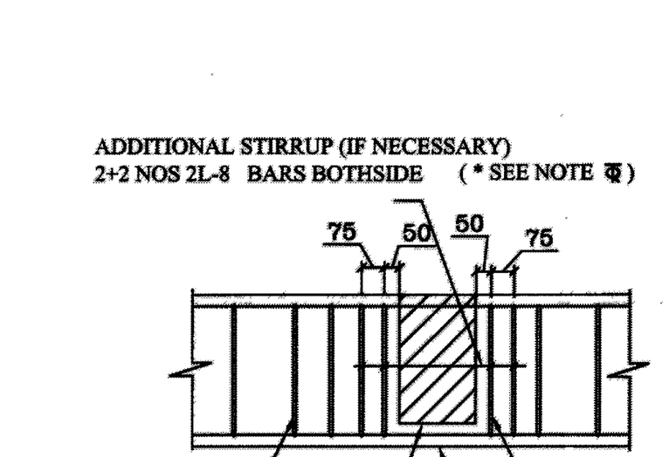
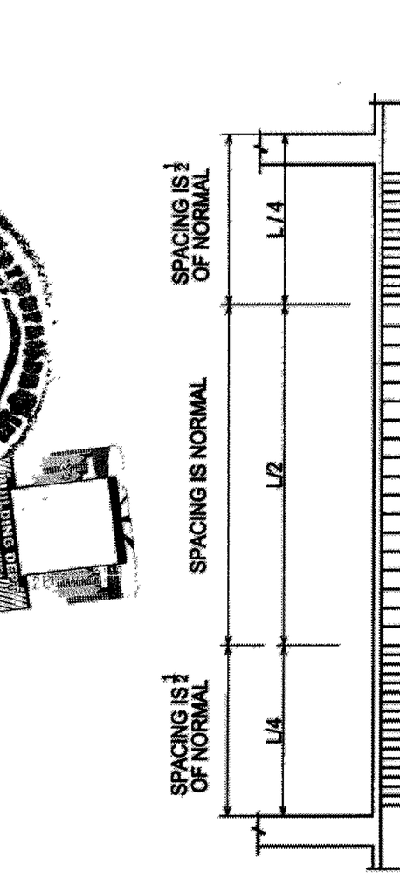


REINFORCEMENT DETAILING OF STAIRCASE
SCALE 1:25



TYPICAL DETAIL FOR ADDITIONAL STIRRUPS IN MAIN BEAM FOR MAIN BEAM TO SECONDARY BEAM JNCTN.



TYPICAL DETAIL FOR STIRRUPS ARRANGEMENT IN COLUMNS

SCHEDULE OF COLUMN

COLUMN MKD.	UPTO GROUND FLOOR ROOF		UPTO 1ST FLOOR ROOF		UPTO 2ND FLOOR ROOF		UPTO 3RD FLOOR ROOF		UPTO 4TH FLOOR ROOF		ABOVE 4TH FLOOR ROOF		STIRRUPS
	SIZE	REINFMNT	SIZE	REINFMNT	SIZE	REINFMNT	SIZE	REINFMNT	SIZE	REINFMNT	SIZE	REINFMNT	
C1, C2, C7, C8	300X450	6 - 16Ø	300X450	4 - 16Ø + 2 - 12Ø	300X450	4 - 16Ø + 2 - 12Ø	300X450	4 - 16Ø + 2 - 12Ø	300X450	4 - 16Ø + 2 - 12Ø	—	—	8Ø 2Lgd @ 100 c/c
C3, C4, C11	300X500	6 - 16Ø	300X500	6 - 16Ø	300X500	6 - 16Ø	300X500	6 - 16Ø	300X500	6 - 16Ø	—	—	8Ø 2Lgd @ 100 c/c
C5, C9, C22, C15, C18, C25	300X450	6 - 16Ø + 2 - 12Ø	300X450	6 - 16Ø + 2 - 12Ø	300X450	6 - 16Ø + 2 - 12Ø	300X450	6 - 16Ø + 2 - 12Ø	300X450	6 - 16Ø + 2 - 12Ø	—	—	8Ø 2Lgd @ 100 c/c
C10	300X500	6 - 16Ø + 2 - 12Ø	300X500	6 - 16Ø + 2 - 12Ø	300X500	6 - 16Ø + 2 - 12Ø	300X500	6 - 16Ø + 2 - 12Ø	300X500	6 - 16Ø + 2 - 12Ø	—	—	8Ø 2Lgd @ 100 c/c
C6, C12, C19, C26, C27	300X450	8 - 16Ø	300X450	8 - 16Ø	300X450	8 - 16Ø	300X450	8 - 16Ø	300X450	8 - 16Ø	—	—	8Ø 2Lgd @ 100 c/c
C14	300X500	8 - 16Ø	300X500	8 - 16Ø	300X500	8 - 16Ø	300X500	8 - 16Ø	300X500	8 - 16Ø	—	—	8Ø 2Lgd @ 100 c/c
C23, C28	300X450	10 - 16Ø	300X450	8 - 16Ø	300X450	6 - 16Ø	300X450	6 - 16Ø	300X450	6 - 16Ø	—	—	8Ø 2Lgd @ 100 c/c
C17	300X450	10 - 16Ø	300X450	8 - 16Ø	300X450	6 - 16Ø	300X450	6 - 16Ø	300X450	6 - 16Ø	300X450	6 - 16Ø	8Ø 2Lgd @ 100 c/c
C24, C29	300X450	6 - 16Ø + 4 - 20Ø	300X450	6 - 16Ø + 4 - 20Ø	300X450	8 - 16Ø	300X450	8 - 16Ø	300X450	8 - 16Ø	—	—	8Ø 2Lgd @ 100 c/c
C16	300X450	6 - 16Ø + 4 - 20Ø	300X450	6 - 16Ø + 4 - 20Ø	300X450	8 - 16Ø	300X450	8 - 16Ø	300X450	8 - 16Ø	300X450	8 - 16Ø	8Ø 2Lgd @ 100 c/c
C13	300X700	6 - 16Ø + 4 - 20Ø	300X700	6 - 16Ø + 4 - 20Ø	300X700	8 - 16Ø	300X700	8 - 16Ø	300X700	8 - 16Ø	—	—	8Ø 2Lgd @ 100 c/c
C30	300X450	8 - 16Ø + 2 - 20Ø	300X450	8 - 16Ø	300X450	6 - 16Ø	300X450	6 - 16Ø	300X450	6 - 16Ø	—	—	8Ø 2Lgd @ 100 c/c
C20	300X450	8 - 16Ø + 2 - 20Ø	300X450	10 - 16Ø	300X450	8 - 16Ø	300X450	6 - 16Ø	300X450	6 - 16Ø	300X450	6 - 16Ø	8Ø 2Lgd @ 100 c/c
C21	300X700	8 - 20Ø + 2 - 16Ø	300X700	10 - 16Ø	300X700	8 - 16Ø	300X700	6 - 16Ø	300X700	6 - 16Ø	300X700	6 - 16Ø	8Ø 2Lgd @ 100 c/c

SCHEDULE OF STRIP BEAM

FDN BEAM MKD	WIDTH (FW) (mm)	DEPTH (FD) (mm)	AT	ALL THROUGH REINF.	EXTRA REINF. AT SUPPORT / CANTILEVER	EXTRA REINF. AT MID SPAN	STIRRUPS AT SUPPORT / CANTILEVER	STIRRUPS AT MID SPAN
FBM-01, FBM-05, FBM-06, FBM-07	600	600	TOP	7-#16	(—)	5-#20(SL)	4L-#10 @150C/C	4L-#10 @300C/C
			BOT.	7-#16	(—)	(—)		
FBM-02, FBM-03, FBM-08, RFBM-01A, RFBM-01B	600	600	TOP	7-#16	(—)	5-#16(SL)	4L-#10 @150C/C	4L-#10 @300C/C
			BOT.	7-#16	(—)	(—)		
RFBM-02A	600	600	TOP	7-#16	(—)	(—)	4L-#10 @300C/C	4L-#10 @300C/C
			BOT.	7-#16	(—)	(—)		
RFBM-02C	600	600	TOP	7-#20	(—)	(—)	4L-#10 @150C/C	4L-#10 @300C/C
			BOT.	7-#20	7-#20(SL)	(—)		
FBM-04, RFBM-02B, RFBM-03A, RFBM-03B	600	600	TOP	7-#16	(—)	5-#20(SL)	4L-#10 @150C/C	4L-#10 @300C/C
			BOT.	7-#16	5-#20(SL)	(—)		

1. "SL"-> SECOND LAYER (TOP or BOT AS APPLICABLE)

SCHEDULE OF STRIP FOOTING

FOOTING MKD	WIDTH OF FOOTING (S_W) (mm)	LENGTH OF FOOTING (S_L) (mm)	DEPTH OF FOOTING SLAB (SD) (mm)	REINFORCEMENT OF FOOTING SLAB
CF-01, CF-02, CF-03, CF-08	2400	AS SHOWN	400	(main bars):- #12 @ 100 c/c, (distributn.):- #10 @ 100 c/c
CF-04, CF-05, CF-06, CF-07	3200	AS SHOWN	400	(main bars):- #12 @ 100 C/C, (distributn.):- #10 @ 100 C/C

SCHEDULE OF TIE BEAM

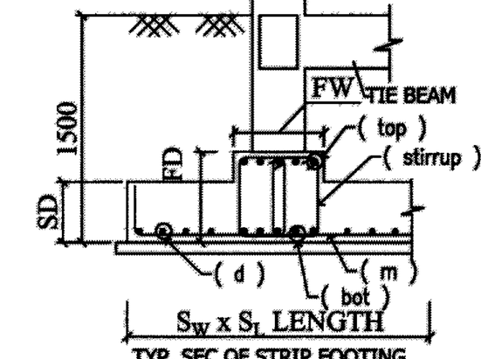
BEAM MKD.	SECTN	SUPPORT REINFMT TOP	SUPPORT REINFMT BOT	SPAN REINFMT TOP	SPAN REINFMT BOT	STIRRUPS AT SUPPORT	STIRRUPS AT SPAN
TB1	250X250	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
TB2	250X350	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @200 c/c
TB3	250X350	2 - 16Ø + 1 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @200 c/c

SCHEDULE OF SLAB

SLAB MKD.	SLAB THICKNES	REINFORCEMENT ALONG SHORT SPAN	REINFORCEMENT ALONG LONG SPAN
S1	125	8 Ø @ 150 C/C	8 Ø @ 100 C/C
S2	125	8 Ø @ 100 C/C	8 Ø @ 100 C/C
S3	125	10 Ø @ 150 C/C	10 Ø @ 150 C/C

SCHEDULE OF RAFT FOOTINGS

RAFT MKD	DEPTH OF FOOTING SLAB	REINFORCEMENT & SPACING
RF-01, RF-03	400 mm	Main Bars m1:- At Bottom #12 @ 150C/C At Top # 12 @ 175 C/C distributn:- #10 @ 150 C/C
RF-02	400 mm	Main Bars m2:-:- At Bottom #12 @ 175 C/C At Top #12 @ 200 C/C dist:-#10 @ 150 C/C



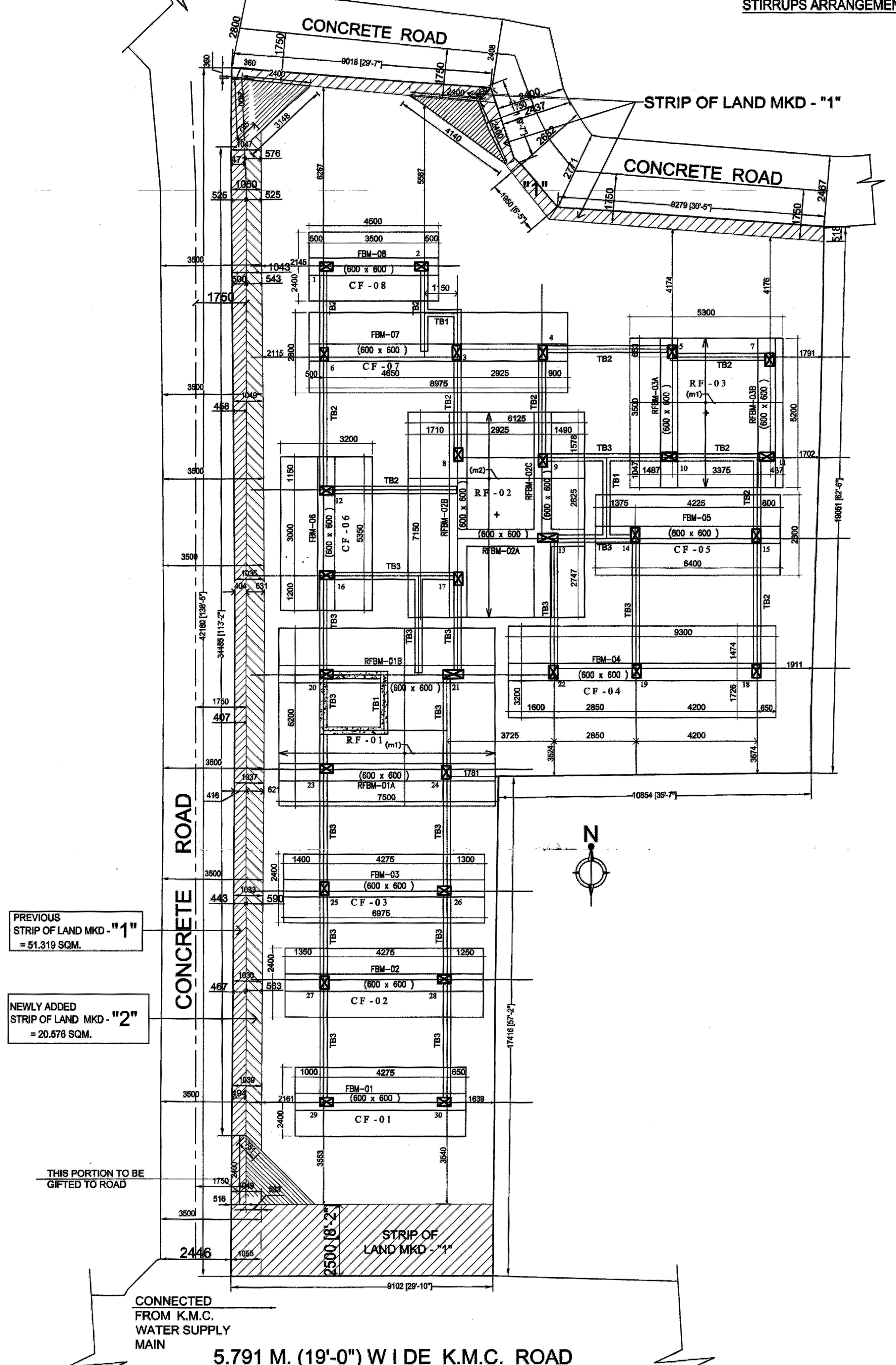
TYP. SEC OF STRIP FOOTING

SCHEDULE OF ROOF BEAM

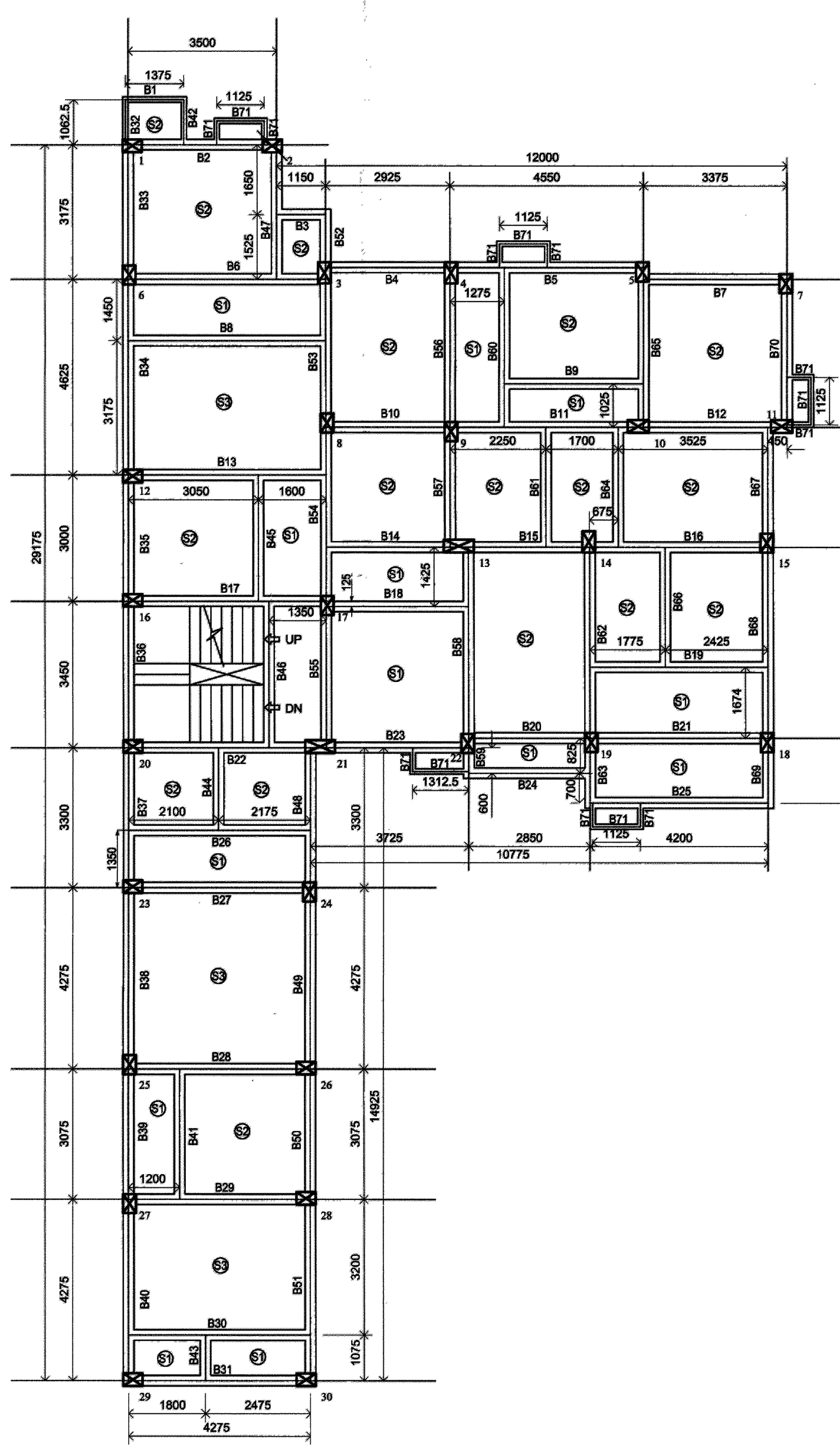
BEAM MKD.	SECTN	L.H.S. SUPPORT REINFMT TOP	L.H.S. SUPPORT REINFMT BOT	SPAN REINFMT TOP	SPAN REINFMT BOT	R.H.S. SUPPORT REINFMT TOP	R.H.S. SUPPORT REINFMT BOT	STIRRUPS AT SUPPORT	STIRRUPS AT SPAN
B1	250X250	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B2	250X350	2 - 16Ø + 2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B3	250X250	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B4	250X350	2 - 16Ø + 2 - 12Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 3 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B5	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B6	250X350	2 - 16Ø + 2 - 12Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 12Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B7	250X350	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 12Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B8	250X300	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 12Ø	2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B9	250X250	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 1 - 12Ø	2 - 12Ø + 1 - 16Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B10	250X350	2 - 16Ø + 1 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 3 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B11	250X250	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 12Ø	2 - 16Ø + 3 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B12	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B13	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B14	250X350	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø + 1 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B15	250X350	2 - 16Ø + 2 - 16Ø	2 - 16Ø + 1 - 12Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B16	250X350	2 - 16Ø + 2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B17	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 12Ø	2 - 16Ø + 4 - 16Ø	2 - 16Ø + 1 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B18	250X350	2 - 16Ø + 4 - 16Ø	2 - 16Ø + 1 - 12Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B19	250X300	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 12Ø	2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B20	250X350	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B21	250X350	2 - 16Ø + 1 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B22	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 12Ø	2 - 16Ø + 4 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B23	250X350	2 - 16Ø + 4 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B24	250X250	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B25	250X300	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 1 - 12Ø	2 - 12Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B26	250X300	2 - 12Ø + 1 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B27	250X350	2 - 16Ø + 2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B28	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 3 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B29	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 3 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B30	250X300	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B31	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 3 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B32	250X350	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B33	250X350	2 - 16Ø + 1 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 3 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B34	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 12Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B35	250X350	2 - 16Ø + 2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 16Ø	2 - 16Ø + 1 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c

SCHEDULE OF ROOF BEAM

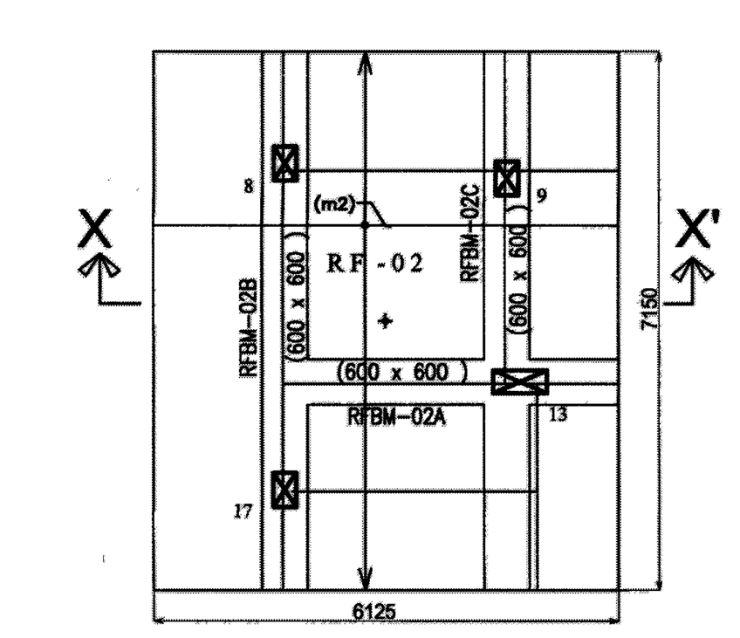
BEAM MKD.	SECTN	L.H.S. SUPPORT REINFMT TOP	L.H.S. SUPPORT REINFMT BOT	SPAN REINFMT TOP	SPAN REINFMT BOT	R.H.S. SUPPORT REINFMT TOP	R.H.S. SUPPORT REINFMT BOT	STIRRUPS AT SUPPORT	STIRRUPS AT SPAN
B36	250X350	2 - 16Ø + 2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B37	250X350	2 - 16Ø + 2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B38	250X350	2 - 16Ø + 2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B39	250X350	2 - 16Ø + 2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B40	250X350	2 - 16Ø + 2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B41	250X300	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B42	250X250	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B43	250X350	2 - 12Ø + 1 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 1 - 12Ø	2 - 12Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B44	250X250	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B45	250X250	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 1 - 16Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B46	250X350	2 - 12Ø + 1 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B47	250X350	2 - 12Ø + 4 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B48	250X350	2 - 12Ø + 1 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 3 - 16Ø	2 - 16Ø + 4 - 16Ø	2 - 16Ø + 1 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B49	250X350	2 - 12Ø + 3 - 16Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 1 - 16Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B50	250X350	2 - 12Ø + 1 - 16Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 3 - 16Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B51	250X350	2 - 12Ø + 3 - 16Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 1 - 12Ø	2 - 12Ø + 3 - 16Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B52	250X350	2 - 16Ø + 1 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 3 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B53	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 12Ø	2 - 16Ø + 3 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B54	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 3 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B55	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 1 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B56	250X350	2 - 12Ø + 2 - 16Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 2 - 16Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B57	250X350	2 - 12Ø + 2 - 16Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 1 - 12Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B58	250X350	2 - 12Ø + 3 - 16Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 1 - 12Ø	2 - 12Ø + 3 - 16Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B59	250X350	2 - 12Ø + 3 - 16Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B60	250X300	2 - 12Ø + 1 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 1 - 12Ø	2 - 12Ø + 1 - 12Ø	2 - 12Ø + 1 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B61	250X250	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 1 - 12Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B62	250X350	2 - 16Ø + 3 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 4 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B63	250X350	2 - 16Ø + 4 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	8 mm Ø @125 c/c	8 mm Ø @250 c/c
B64	250X250	2 - 12Ø + 1 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø + 1 - 12Ø	2 - 12Ø + 1 - 12Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B65	250X350	2 - 16Ø + 1 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B66	250X250	2 - 12Ø + 1 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B67	250X350	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B68	250X350	2 - 16Ø + 2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø + 3 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B69	250X350	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	2 - 16Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B70	250X350	2 - 16Ø + 1 - 16Ø	2 - 12Ø + 1 - 12Ø	2 - 16Ø	2 - 12Ø	2 - 16Ø + 1 - 16Ø	2 - 12Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c
B71	125X250	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	2 - 10Ø	8 mm Ø @100 c/c	8 mm Ø @250 c/c



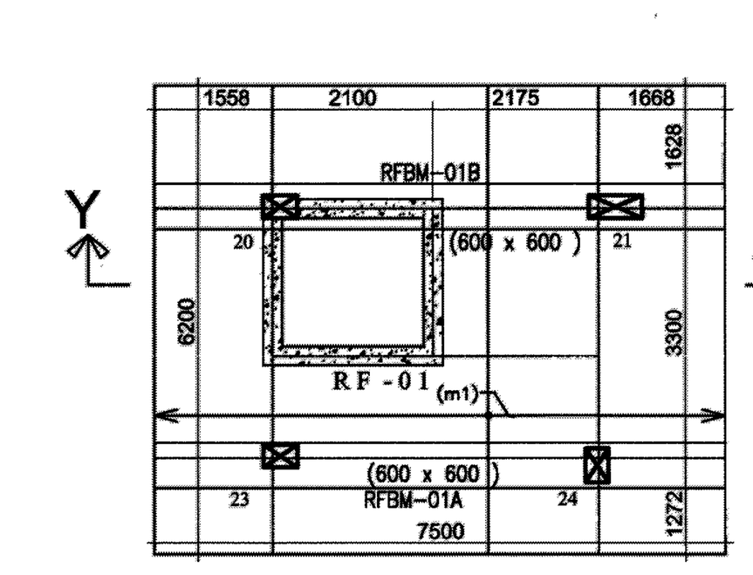
FOUNDATION & TIE BEAM LAYOUT PLAN
SCALE : 1:100



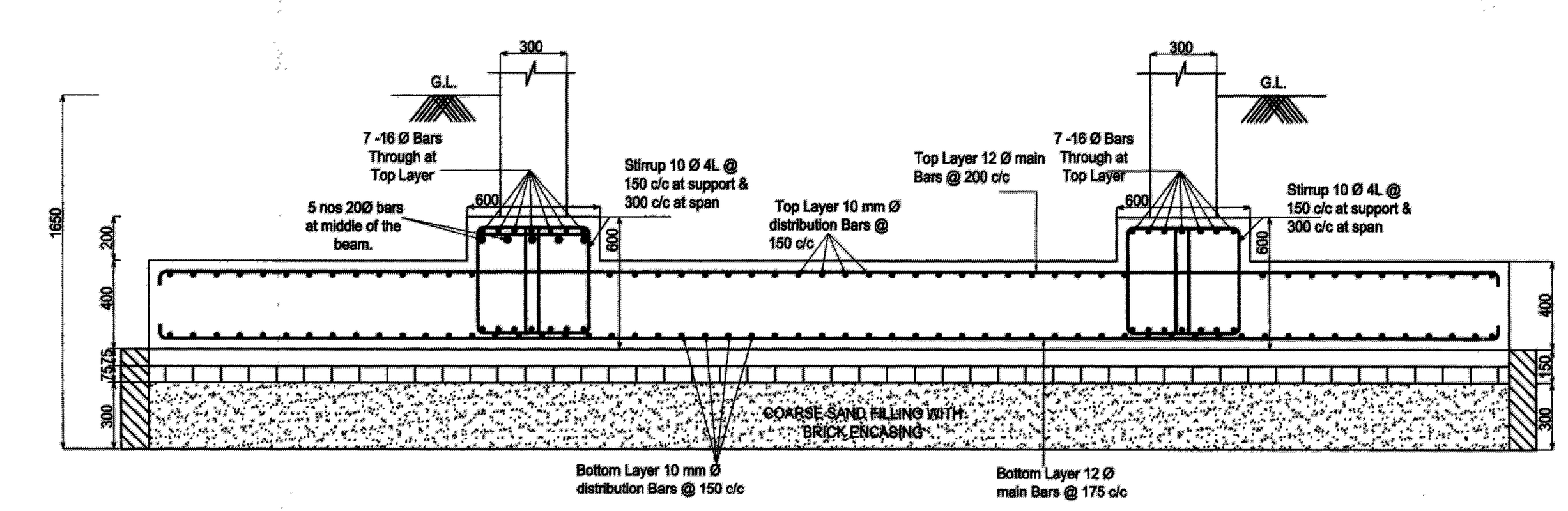
ROOF BEAM & SLAB ARRANGEMENT PLAN
SCALE : 1:100



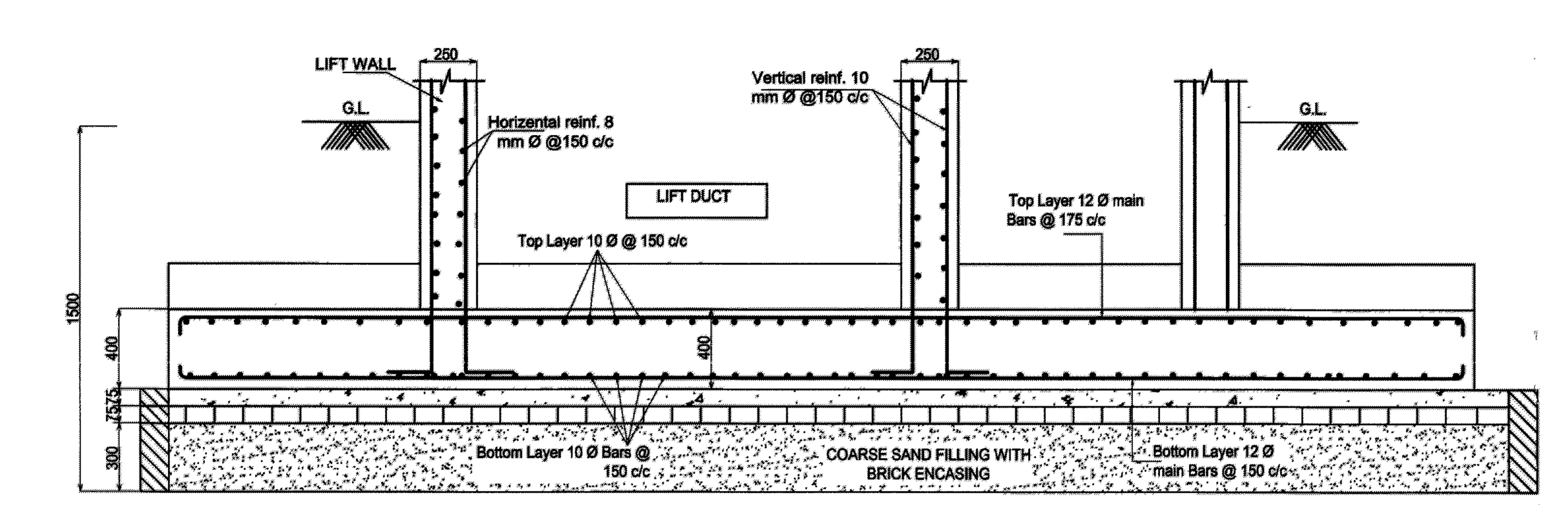
RAFT FOUNDATION (RF - 02)
SCALE 1:100



RAFT FOUNDATION (RF - 01)
SCALE 1:100



DETAIL SECTIONAL VIEW THROUGH THE RAFT FOUNDATION (RF - 02)
(X-X' SECTION) SCALE 1:25



DETAIL SECTIONAL VIEW THROUGH THE RAFT FOUNDATION (RF - 01)
(Y-Y' SECTION) SCALE 1:25

NOTES & SPECIFICATION:-

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED
3. DEPTH OF FOUNDATION OF SEPTIC TANK WILL NOT EXCEED THE DEPTH OF BUILDING FOUNDATION.
4. ALL EXTERNAL WALLS ARE 200 MM. THK. CONSTRUCTED WITH CEMENT SAND MORTAR 1 : 6
5. ALL INTERNAL PARTITION WALLS ARE 75 MM. THK. & 125 MM.THK. WITH 1: 4 CEMENT SAND MORTAR.
6. GRADE OF CONCRETE M-20 & GRADE OF STEEL FE-415.
7. PLASTERING WITH CEMENT SAND MORTAR 1 : 4 FOR R.C.C. WORK & 1 :6 FOR BRICK WORK.
8. PLAIN CEMENT CONC. WITH SAND CEMENT & JHAMA KHOA (1:3:6).
9. DAMP PROOF COURSE BELOW WALL (1 :2 :4)
10. ALL PROJECTED CHUJJA ARE 450 WIDE.

WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT -

1. I/WE SHALL ENGAGE L.B.S. & E.S.E DURING CONSTRUCTION.
2. I/WE SHALL FOLLOW THE INSTRUCTION OF L.B.S. & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER B.S. PLAN).
3. K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURES.
4. IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN.
5. THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE GUIDANCE OF L.B.S. / E.S.E., BEFORE STARTING OF BUILDING FOUNDATION WORK.
6.THE PLOT IS IDENTIFIED BY ME DURING DEPARTMENTAL INSPECTION.

USHA BUILDER & DEVELOPER
Proprietor
OWNER - APPLICANT C/A
AS PER KMC RECORD
SIGNATURE OF OWNERS

As Constituted Attorney of-
Nityanda Kumar Mukherjee
Asim Kumar Mukherjee
Amit Kumar Mukherjee
[NITYANANDA MUKHERJEE
ASIM KUMAR MUKHERJEE
AMIT MUKHERJEE]

DECLARATION OF GEO-TECHNICAL ENGINEER:-

UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE & STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
B.C.E.,M.E.,MIGS.,M.I.E.,
G.T./I/3 (K.M.C.), BM/GEO-TECH-I/002
019/RJP SON/G. T/2014-15, GTER-HIDCO/09/00014
(RUPAK KUMAR BANERJEE)
(G.T./ 1/3 , KMC)
SIGNATURE OF GEO-TECHNICAL ENGINEER

DECLARATION OF STRUCTURAL ENGINEER

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

THE SOIL TEST HAS BEEN DONE BY RUPAK KUMAR BANERJEE OF M/S TECHNO SOIL, GORKHARA , ARUNACHAL, SONARPUR , KOLKATA - 700 150. THE RECOMMENDATION OF SOIL TEST REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATION.

BIVAS BISWAS
L.B.S. OF KMC. No. 766, CLASS-I
E.S.E. OF KMC. No. 458, CLASS-II
49/A, S.V. Road, Kolkata - 32
(BIVAS BISWAS)
(E.S.E. CLASS -II , LICENCE. NO. -458)
SIGNATURE OF STRUCTURAL ENGINEER

DECLARATION OF L.B.S.

CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF K.M.C. BUILDING RULES 2009 AS AMENDED FROM TIME TO TIME AND THE SITE CONDITIONS INCLUDING WIDTH OF THE ABUTING ROAD IS MINIMUM 5.791 Mtr. WIDE CONFORMS WITH THE PLAN WHICH HAS BEEN MEASURED AND VARIFIED BY ME.IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THE LAND IS DEMARCATED BY BOUNDARY WALL.

Buddhiswar Naskar
BUDDHISWAR NASKAR
L.B.S. CLASS-I
L.C. NO.-1354
UNDER-KOLKATA MUNICIPAL CORPORATION
Ph - 9830229750
SIGNATURE OF L.B.A./L.B.S.
(BUDDHISWAR NASKAR)
(L.B.S. CLASS -1 , LICENCE. NO. -1354)

PROJECT:

STRUCTURAL PLAN OF PROPOSED G+IV STORIED (15.450 M.) RESIDENTIAL BUILDING U/S -393A OF KMC ACT 1980 & BUILDING RULES 2009, AT PREMISES NO.-54, SARDAR PARA, MOUZA-BRAHMAPUR, DAG NO. 934, KHATIAN NO.-972, WARD NO. - 111, BOROUGH-XI, P.S.- BANSDRONI, UNDER KOLKATA MUNICIPAL CORPORATION.

N

CONSULTANTS:
GRAPHIC ARCH SERVICES PVT. LTD.
ARCHITECTS & ENGINEERS
C/2, SREENAGAR MAIN ROAD
GARIA STATION, KOL-94. PH-9830229750

PARTY'S COPY

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2023110381 Date 10.02.24 for record of the Kolkata Municipal Corporation without verification No deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safety of the adjoining premises public and private properties and safety of human life during construction.

[illegible] [illegible]

EXECUTIVE ENGINEER/ASSTT.ENGINEER
BOROUGH NO. XI

BUILDING DEPARTMENT ★ KOLKATA MUNICIPAL CORPORATION, BR.-XI
RECEIVED
Dt. 09/2/24