

SECOND FLOOR BEAMS SCHEDULE :

BEAM NO.	B x D	BOTTOM BARS		TOP BARS		STIRRUPS		REMARKS
		STRAIGHT	CURTAINED	TOP EXTRA BARS	MID SPAN	NEAR SUPPORT		
2B1	230 x 600	2-16	-	2-16	8@150 c/c	8@150 c/c		
2B2, 3, 4, 5, 17, 18, 19, 20	230 x 600	2-16	2-12	2-12	8@230 c/c	8@150 c/c		
2B6, 11	230 x 600	2-16	-	2-12	8@150 c/c	8@150 c/c		
2B7, 8, 9, 10, 14, 15, 16	300 x 600	3-16	2-12	2-12	8@200 c/c	8@150 c/c		
2B12, 13	230 x 400	2-20	2-12	2-12	8@175 c/c	8@125 c/c		
2B51	230 x 450	2-16	2-12	2-12	8@200 c/c	8@150 c/c		
2B52	230 x 450	2-16	-	2-12	8@150 c/c	8@150 c/c		
2B53	230 x 600	2-12	-	2-12	8@150 c/c	8@150 c/c		
2B55	300 x 600	3-20	2-16	2-20	8@175 c/c	8@135 c/c		
2B61, 64, 67, 70	300 x 600	3-20	2-16	2-12	8@150 c/c	8@125 c/c		
2B54, 56, 60, 62, 63, 65, 66, 68, 69, 71	300 x 600	2-20	-	2-20	8@125 c/c	8@125 c/c		CANTILEVER
2B57, 58, 59	230 x 400	2-16	-	2-10	8@150 c/c	8@150 c/c		

ROOF BEAMS SCHEDULE :

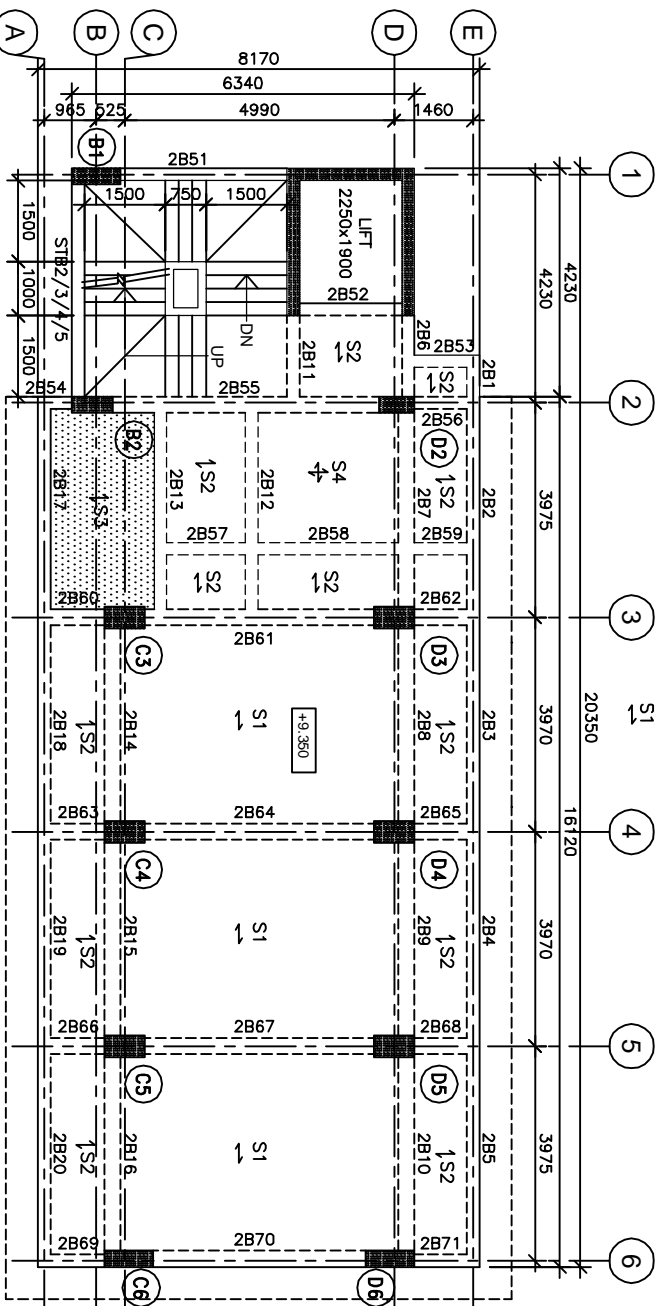
BEAM NO.	B x D	BOTTOM BARS		TOP BARS		STIRRUPS		REMARKS
		STRAIGHT	CURTAINED	TOP EXTRA BARS	MID SPAN	NEAR SUPPORT		
RB1	230 x 600	2-16	-	2-16	8@150 c/c	8@150 c/c		
RB2, 3, 4, 5, 18, 19, 20, 21	230 x 600	2-16	2-10	2-10	8@230 c/c	8@150 c/c		
RB6, 11	230 x 600	2-16	-	2-12	8@150 c/c	8@150 c/c		
RB7, 8, 9, 10, 14, 15, 16, 17	300 x 600	3-16	2-12	2-12	8@200 c/c	8@150 c/c		
RB12, 13	230 x 600	2-16	2-12	2-12	8@200 c/c	8@150 c/c		
RB51	230 x 450	2-16	2-10	2-12	8@200 c/c	8@150 c/c		
RB52	230 x 450	2-12	-	2-12	8@150 c/c	8@150 c/c		
RB53	230 x 600	2-12	-	2-12	8@150 c/c	8@150 c/c		
RB55	300 x 600	3-20	2-12	2-20	8@175 c/c	8@135 c/c		
RB56, 61, 64, 67	300 x 600	3-20	2-12	2-12	8@150 c/c	8@125 c/c		
RB54, 58, 57, 59, 60, 62, 63, 65, 66, 68	300 x 600	2-20	-	2-20	8@125 c/c	8@125 c/c		CANTILEVER

ROOF SLABS SCHEDULE :

SLAB NO.	ONE WAY/ TWO WAY	THICKNESS (mm)	SHORT BARS	LONG BARS	REMARKS
RS1	ONE WAY	150	12 @ 140 c/c ALT. BENT UP	10 @ 150 c/c ALT. BENT UP	
RS2	ONE WAY	150	10 @ 125 c/c ALT. BENT UP	8 @ 125 c/c STRAIGHT BARS	
RS3	ONE WAY	150	8 @ 125 c/c STRAIGHT BARS	8 @ 125 c/c STRAIGHT BARS	
RS4	TWO WAY	150	10 @ 125 c/c ALT. BENT UP	8 @ 125 c/c ALT. BENT UP	

SECOND FLOOR SLABS SCHEDULE :

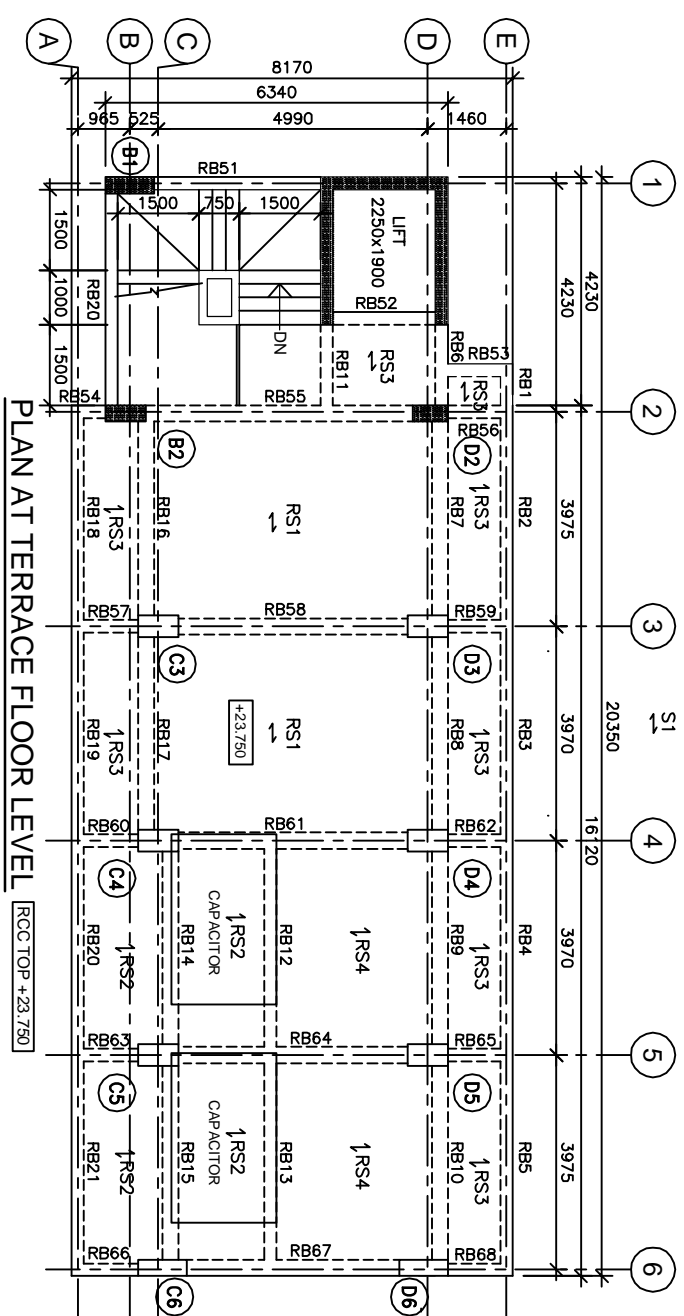
SLAB NO.	ONE WAY/ TWO WAY	THICKNESS (mm)	SHORT BARS	LONG BARS	REMARKS
S1	ONE WAY	200	12 @ 90 c/c ALT. BENT UP	10 @ 135 c/c STRAIGHT BARS	
S2	ONE WAY	150	8 @ 125 c/c STRAIGHT BARS	8 @ 125 c/c STRAIGHT BARS	
S3	ONE WAY	150	10 @ 125 c/c STRAIGHT BARS	8 @ 125 c/c STRAIGHT BARS	SUNK BY 250
S4	TWO WAY	150	10 @ 150 c/c ALT. BENT UP	10 @ 150 c/c ALT. BENT UP	



PLAN AT SECOND TO FIFTH FLOOR LEVEL

RCC TOP +9.350, +12.950, +16.550, 20.150

SCALE:-1:100



PLAN AT TERRACE FLOOR LEVEL

RCC TOP +23.750

SCALE:-1:100

GENERAL NOTES:

- 1) ALL DIMENSIONS ARE IN MILLIMETER & ALL LEVELS ARE IN METER UNLESS NOTED OTHERWISE.
- 2) DIMENSIONS SHALL NOT BE SCALED OFF FROM THE DRAWING.
- 3) THE WORKS SHALL BE GENERALLY IN ACCORDANCE WITH I.S.456-2000, I.S.1893.I.S.13920-1993 AND OTHER RELEVANT CODES.
- 4) THIS DRAWING SHALL BE READ ALONG WITH THE RELEVANT ARCHITECTURAL, STRUCTURAL & SERVICE DRAWINGS.
- 5) IN CASE OF ANY DISCREPANCY IN THE RELEVANT DRAWINGS, INSTRUCTIONS SHALL BE OBTAINED FROM THE ARCHITECT/STRUCTURAL ENGR BEFORE EXECUTION.
- 6) DETAILS SHOWN IN THE DRAWING ARE SUBJECT TO REVISION AT THE STAGE OF EXECUTION.

SPECIAL NOTES FOR RCC WORK:

- CONCRETE MIX TO BE [M-30] FOR ALL RCC WORK BELOW PLINTH & [M-30] FOR SUPERSTRUCTURE
- CLEAR COVER TO REINF.: FOR SLAB 20mm, FOR BEAM 25mm, FOR COL.40mm
- REPRESENTS TMT STEEL OF GRADE Fe500 D & Ø REPRESENTS MILD STEEL
- IN ALL CASES COLUMN LINKS TO BE PRESENT WITHIN BEAM DEPTH
- FIRST STIRRUP IN BEAM SHALL BE 50 mm AWAY FROM FACE OF THE SUPPORT



CLIENT : M/S RELIANCE INFRASTRUCTURE LTD.

PROJECT : PROPOSED CONSTRUCTION OF RECEIVING STATION AT CTS NO.877 OR VILLAGE DAHISAR(W), TAL. BORIVALI,MUMBAI

CONSULTING ENGINEER : SATISH PATANKAR & ASSOC. MULUND (E), MUMBAI-400081

RCC LAYOUT & SCHEDULE OF SECOND TO TERRACE FLOOR

DRAWING NO. STR-05

DATE 21/10/2017

SCALE 1:100

DRAWN BY K S

CHECKED BY SSP

SATISH PATANKAR (M.TECH.)