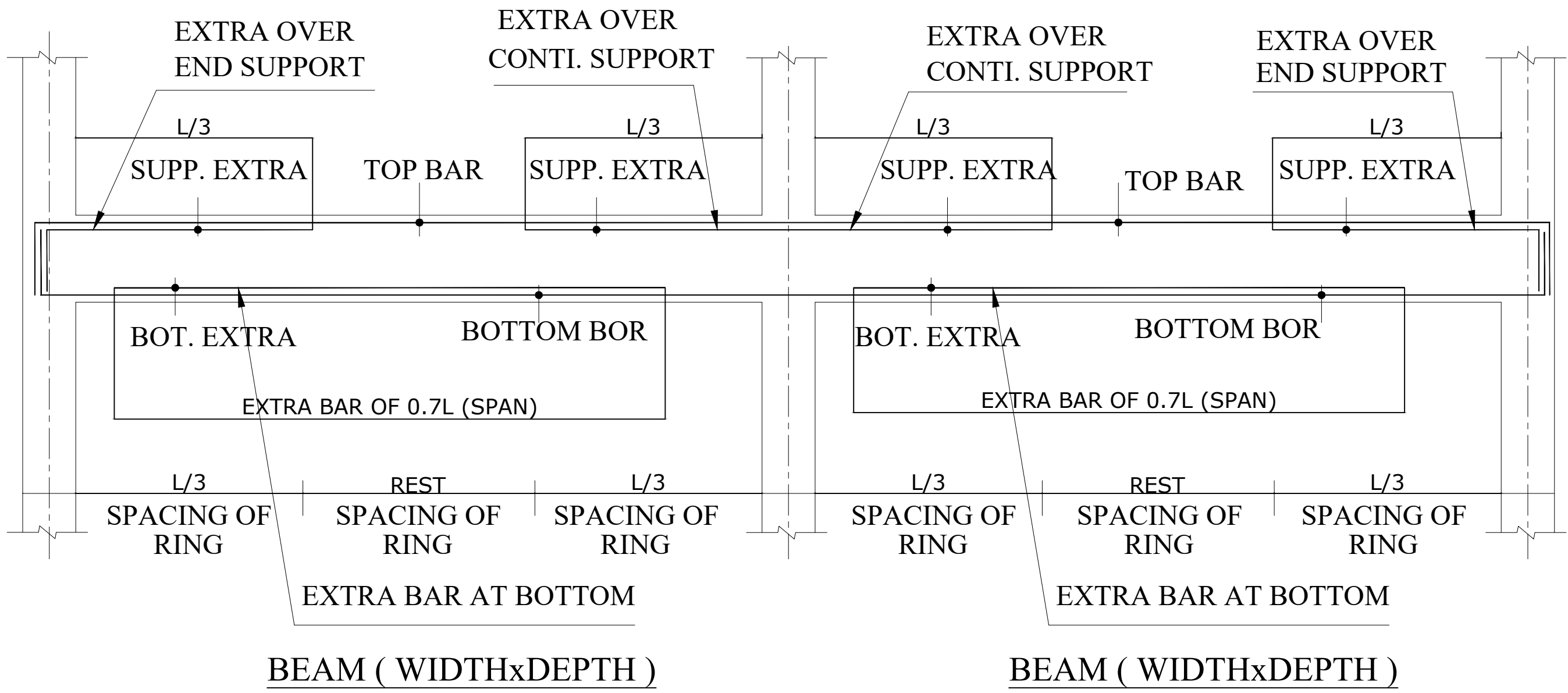


NOTE:- NDT OF ALL
CRITICAL COLUMN AT
FIRST AND SECOND
FLOOR ARE
MENTATORY.

SCHEDULE OF FIFTH FLOOR BEAM REINFORCEMENT

BEAM	TOP BAR	BOT. BAR	EXT. AT BOT. OF 0.7L	EXT. OVER END SUPP.	EXT. OVER CONTI. SUPP.	RINGS SPACING	REMARKS
B1 (230x1200)	2-20#	2-20#	-----	-----	1-16#	8# @ 150c/c	2X2-8# F.B.
B2 (230x1200)	2-20#+1-16#	2-20#+1-16#	-----	-----	4-20#	8# @ 150c/c	2X2-8# F.B.
B3 (230x1200)	2-20#	2-20#	-----	3-20#	-----	8# @ 150c/c	2X3-8# F.B.
B4 (230x1200)	2-20#	2-20#	-----	2-20#	-----	8# @ 150c/c	2X3-8# F.B.
B5 (230x1200)	2-20#	2-20#	-----	4-20#	-----	8# @ 150c/c	2X2-8# F.B.
B6 (1040x1200)	3-20#+3-16#	3-20#+3-16#	-----	-----	-----	10# @ 150c/c	2X3-12# F.B.
B7 (230x1200)	2-20#+1-16#	2-20#+1-16#	-----	-----	-----	8# @ 150c/c	2X2-8# F.B.
B8 (230x1200)	2-20#+1-16#	2-20#+1-16#	2-16#	-----	-----	8# @ 150c/c	2X3-8# F.B.
B9 (230x1200)	2-20#	2-20#	2-20#	1-16#	-----	8# @ 150c/c	2X3-8# F.B.
B10 (230x1200)	3-25#	3-25#	2-25#	2-25#	-----	10# @ 150c/c	2X2-8# F.B.
B11 (230x1200)	2-20#	3-20#	2-20#	2-20#	-----	8# @ 150c/c	2X3-8# F.B.



SCHEDULE OF FIFTH FLOOR BEAM REINFORCEMENT

BEAM	TOP BAR	BOT. BAR	EXT. AT BOT. OF 0.7L	EXT. OVER END SUPP.	EXT. OVER CONTI. SUPP.	RINGS SPACING		REMARKS
						L/3 EITHER SIDE	REST	
B12 (230x300)	2-12#	2-12#	1-12#	1-12#	2-12#	8# @ 175c/c		-----
B13 (230x700)	3-20#	3-20#	3-20#	3-20#	-----	8# @ 125c/c	8# @ 200c/c	2X2-8# F.B.
B14 (230x700)	3-20#	3-20#	3-20#	3-20#	-----	8# @ 125c/c	8# @ 200c/c	2X3-8# F.B.
B15 (230x700)	2-12#	2-12#	1-12#	1-12#	2-12#	8# @ 175c/c		2X3-8# F.B.
B16 (230x700)	3-20#	3-20#	3-20#	3-20#	-----	8# @ 125c/c	8# @ 200c/c	2X2-8# F.B.
B17 (230x450)	2-16#	2-16#	1-16#	1-16#	-----	8# @ 150c/c	8# @ 200c/c	-----
B18 (230x700)	3-20#	3-20#	3-20#	3-20#	-----	8# @ 125c/c	8# @ 200c/c	2X3-8# F.B.
B19 (230x450)	2-16#	2-16#	-----	1-16#	-----	8# @ 150c/c	8# @ 200c/c	-----
B20 (230x450)	2-16#	2-16#	1-16#	1-16#	-----	8# @ 150c/c	8# @ 200c/c	-----
B21 (230x450)	2-16#	2-16#	-----	1-16#	-----	8# @ 150c/c	8# @ 200c/c	-----

SCHEDULE OF SLAB REINFORCEMENT

SLAB	THK.	BEHAVIOUR	STEEL IN SHORTER ALT. BENT UP AT 0.2 L	STEEL IN LONGER ALT. BENT UP AT 0.2 L	EXTRA OVER END SUPP. L/3 OF LONG SPAN AT TOP.	EXTRA OVER END SUPP. L/3 OF SHORT SPAN AT TOP.	REMARK
S1	125	TWO-WAY	8# @ 200 C/C STR. AT TOP & BOT.	8# @ 200 C/C STR. AT TOP & BOT.	----	----	GRID SLAB
S2	125	ONE-WAY	10# @ 175 C/C ALT. BENT UP	8# DIST. @ 200 C/C ACROSS MAIN BARS	----	10# @ 350 C/C EXT. OVER SUPP.	----
S3	125	TWO-WAY	8# @ 175 C/C ALT. BENT UP	8# @ 175 C/C ALT. BENT UP	8# @ 350 C/C EXT. OVER SUPP.	8# @ 350 C/C EXT. OVER SUPP.	8# DIST. @200 C/C WHEREVER REQUIRED

NOTES:-

1. ALL DIM. ARE IN MILIMETER UNLESS NOTED OTHERWISE
2. NOT MORE THEN HALF THE COLUMN BARS SHALL BE LAPED AT A SECTION
3. GRADE OF CONCRETE MIX SHALL BE M-25 FOR STRUCTURE CONFRMING TO IS:456 - 2000.
4. STEEL REINFORCEMENT SHALL BE GRADE Fe:500-D N/SQ. mm AS PER IS:1786-2007.
5. CLEAR COVER TO THE R/F SHALL BE AS FOLLOWS.
I COLUMN - 40mm ALROUND
II BEAM - 25 mm ALROUND
III SLAB - 20 mm TOP/BOT.
6. DEVELOPMENT LENGTH & LAP LENGHT SHALL BE 50 TIMES DIA OF BAR
7. TOP & BOTTAM BARS SHOULD BE BEND AT THE ENDS AT LEAST FOR BEAM DEPTH IN CASE OF DEVELOPMENT LENGTH SATISFIED.
8. TOP BARS OF BEAM SHALL BE LAPPED AT THE CENTRE OF THE SPAN AND BOTTAM BARS SHALL BE LAPPED AT TWICE THE DEPTH AWAY FROM SUPPORT OR AT SUPPORT WITH LAP LENGTH FOR BOTH THE BARS

TENDER DRAWING

REV		
ISSUED TO	DATE	NO. OF PRINTS
DATE	DISCRPTION	

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JOB TITLE

PROPOSED LECTURE HALL FOR
MAHAMATMA GANDHI MISSION
TRUST, KAMOTHE, NAVI MUMBAI.

SHEET TITLE

STRUCTURAL DETAILS OF SIXTH
FLOOR BEAMS & SLABS.

DEALT BY.		DRG.NO
CHECKED BY.		S-01
SCALE		