



ELEVATION OF BEAM STRENGTHENING

FOR ALL R.C.C. WORKS,
 GRADE OF CONCRETE:- M25
 GRADE OF STEEL:- Fe415

- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS U.N.O. (BAR DIA. IN mm ONLY.)
 - P.C.C. MIN. 150mm THK. OF M15 GRADE(1:2:4)
 - FOR COLUMN LINKS REFER STANDARD DWG.
 - LAP LENGTH AND END ANCHORAGES MUST BE 50 TIMES DIAMETER OF BAR.
 - 'T' INDICATES HIGH STRENGTHS DEFORMED STEEL REINFORCEMENT BARS CONFIRMING TO IS:1786.
 - ALL CONCRETE STRUCTURES MUST BE KEPT MOIST FOR CURING FOR AT LEAST 14 DAYS FROM DATE OF CASTING.
 - DONOT SCALE THE DRAWING AND WORK THIS DRAWING WITH RELEVANT ARCHITECTURAL & OTHER CONSULTANTS DRAWINGS.
 - CONTRACTOR MUST COMPLY TO ALL RELEVANT I.S. CODES MENTIONED IN STANDARD DRAWING FOR EXECUTION OF WORK AND TESTING OF MATERIALS USED IN CONSTRUCTION.

CLEAR COVER TO REINF. (U.N.O.)

1. FOOTINGS/RAFT:	BOTTOM & TOP = 50mm. SIDE = 50mm.
2. COLUMNS:	BELOW GR. = 65mm(min). ABOVE GR. = 40mm
3. PLINTH BEAMS:	BOTTOM & TOP = 30mm. SIDE = 30mm.
4. FLOOR BEAMS:	BOTTOM = 25mm, SIDE = 25mm. TOP = 25mm.
5. FLOOR SLABS:	BOTTOM & TOP = 20mm
6. R.C.C. WALLS:	SIDE = 50mm.
7. WATER TANK:	SIDE = 50mm.
8. STAIRCASE SLAB:	SIDE = 50mm.

- LEGENDS**
- U.N.O.....UNLESS NOTED OTHERWISE
 - F.F.L.....FINISHED FLOOR LEVEL
 - F.G.L.....FINISHED GROUND LEVEL
 - E.G.L.....EXISTING GROUND LEVEL
 - TYP.....TYPICAL
 - T.O.C.....TOP OF CONCRETE
 - B.O.B.....BOTTOM OF BEAM
 - B/W.....BOTH WAYS
 - CL.....CENTRE LINE
 - C/C.....CENTRE TO CENTER SPACING

REV. NO.	REV. DATE	DSGN. BY	DRN. BY	CHKD. BY	APPR. BY
RO	04/11/2017	GSM	PRP	GSM	GSM
R1	07/11/2017	GSM	PRP	GSM	GSM
R2	15/11/2017	GSM	PRP	GSM	GSM

ARCHITECT

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TITLE:
 BEAM RECONSTRUCTION METHODOLOGY

NAME OF PROJECT:
 M.C BANK REPAIR WORK

CLIENT:
 M.C. BANK

JOB NO.
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