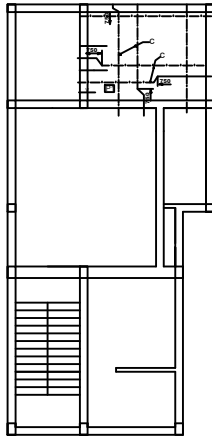


R C C STRUCTURE OF SMT. BABY DEVI

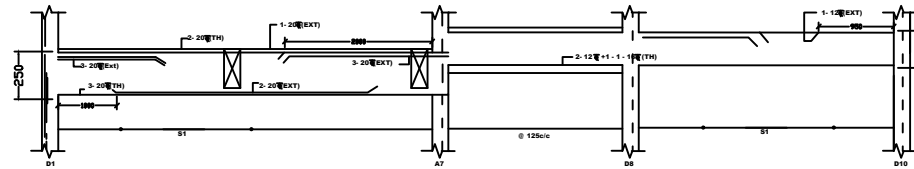


R.C.C. DETAIL
GROUND & 1ST FLOOR SLAB.

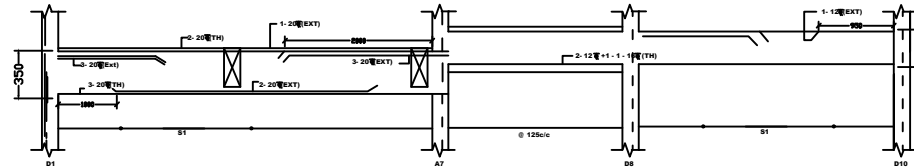
R.C.C DETAILS OF FLOOR SLAB	
A. CRANKED BARS	
a:	10 $\bar{\Phi}$ @ 140 C/C
B. BOTTOM BARS (THROUGH)	
g1:	10 $\bar{\Phi}$ @ 125 C/C
C. TOP BARS	
f:	8 $\bar{\Phi}$ @ 125 C/C
LEGEND	
—	TOP BAR
—	BOTTOM BAR

NOTE

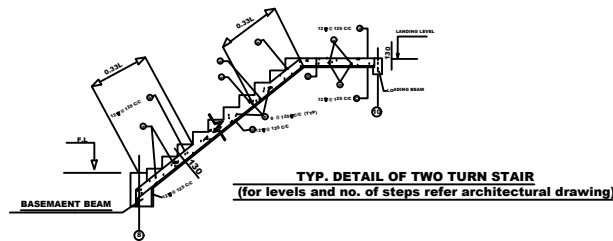
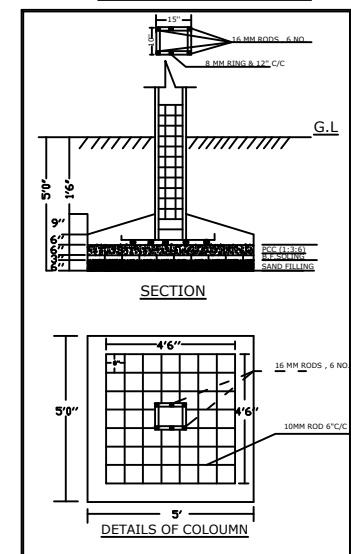
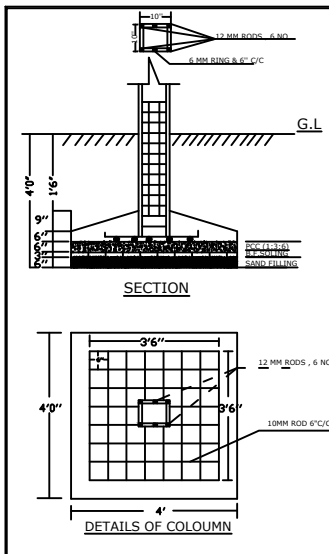
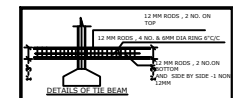
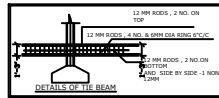
1. Read this drawing along with architectural & structural
2. Grade of concrete shall be M-20 & shall be conforming to IS:456-2000.
3. Reinforcement steel shall be high strength deformed TMT as per IS: 1786-1985 and having a minimum yield strength of 500 N/mm and having elongation more than 14.5% .
4. Clear cover to main reinforcement shall be 50 mm for for footing 40mm for column 25mm for beam and 20mm for slab side cover of footing shall be 75 mm.
5. Not more than 50% of bars shall be lapped at any section.
6. Lap length shall be equal to $l_d = 57$ times smaller Dia of bars and shall be avoided in following cases - Yop bars - near support Bottom bars -near mind span.
7. Use 10% extra cement in concrete for casting under the water table.



BEAM ALONG D1 - D7 - D8- D10 (250 X 250 & 250 X 250)



BEAM ALONG D1 - D7 - D8- D10 (300 X 350 & 300 X 350)



TYP. DETAIL OF TWO TURN STAIR
(for levels and no. of steps refer architectural drawing)