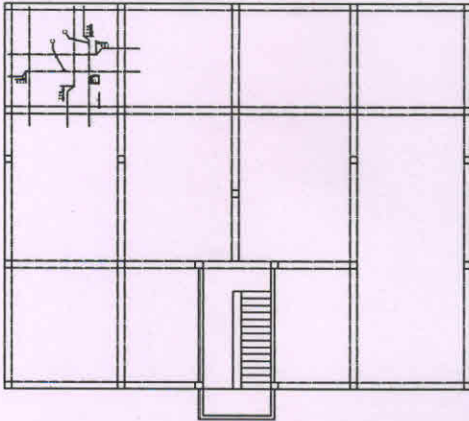


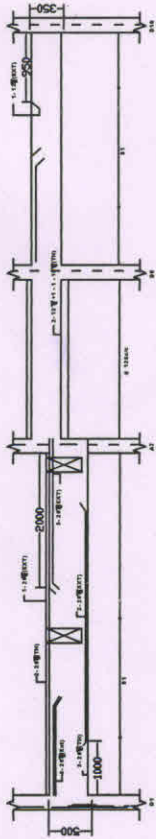
R C C STRUCTURE OF UMASHANKAR SARAWAGI



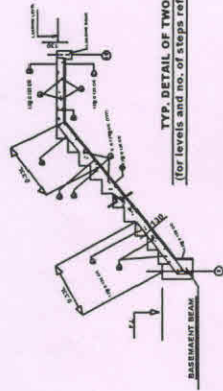
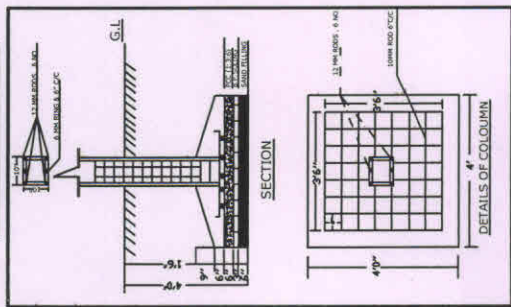
R.C.C. DETAIL FOR GROUND FLOOR SLAB.

R.C.C. DETAILS OF FLOOR SLAB	
1. FINISHED BARS	
2. 1.5% @ 100 C/S	
3. BOTTOM BARS (TYPICAL)	
4. 1.5% @ 100 C/S	
5. 1.5% @ 100 C/S	
6. 1.5% @ 100 C/S	
7. 1.5% @ 100 C/S	
8. 1.5% @ 100 C/S	
9. 1.5% @ 100 C/S	
10. 1.5% @ 100 C/S	
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98. 1.5% @ 100 C/S	
99. 1.5% @ 100 C/S	
100. 1.5% @ 100 C/S	

- 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 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 - Top bars - near support Bottom bars - near mid span.
 7. Use 10% extra cement in concrete for casting under the water table.



BEAM ALONG D1 - D7 - D8 - D10 (300 X 500 & 250 X 350)



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