

**31054 CIVIL ENGINEERING DRAWING II**

**LIST OF DRAWINGS**

**PUBLIC HEALTH ENGINEERING DRAWING**

1. Infiltration gallery (with one infiltration well, one straight gallery pipe, one inspection well and one jack well)
2. Rapids and Filter
3. Septic Tank with dispersion Trench / Soak pit
4. Bio gas plant with floating type
5. Two span Pipe Culvert
6. Two span Tee Beam Bridge with square returns.

**BRIDGE DRAWING**

**STRUCTURAL ENGINEERING DRAWING WITH BAR BENDING SCHEDULE**

7. Simply supported one-way slab
8. Simply supported two-way slab
9. Restrained two-way slab
10. Singly reinforced simply supported beam
11. Doubly reinforced Continuous beam with two spans
12. Tee Beams supporting continuous slab
13. Dog-legged staircase
14. Lintel cum Sunshade
15. R.C.C Column with square isolated footing

REFERENCE: 1. drawing manual - N.I.T.T.R – Chand & Co. 2. Structural Drawing and Detailing - Krishnamurthy

**Reference Book:**

1. M Chakraborti, "Civil Engineering Drawing"
2. Gurucharan singh & Subhash Chandar Sharma, "Civil Engineering Drawing"
3. S Chand & Company (pvt) Ltd., "Civil Engineering Drawing Manual"