Septic tank Design as per IS: 2470 Part - 1

TYPICAL SKETCH OF TWO COMPARTMENT SEPTIC TANK

<table>
<thead>
<tr>
<th>Nos. Of Users</th>
<th>Length (m)</th>
<th>Width (m)</th>
<th>Liquid Depth (m)</th>
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<td>3.00</td>
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<td>400</td>
<td>10.00</td>
<td>3.50</td>
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GENERAL NOTES:
1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METER.
2. ALL CONCRETE MIX FOR R.C.C. SHALL BE M20 UNLESS SPECIFIED AND P.C.C. M15.
3. 'T' INDICATES FE400 GRADE H.Y.S.D. BARS CONFIRMING TO IS:1786-2008
4. NOMINAL/CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWING; FOUNDATION/RAFT: 50mm, COLUMN: 40mm, RC WALL: 20mm, BEAM: 25mm AND SLAB: 15mm.
5. ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED.
6. STEEL CHAIRS SHALL BE PROVIDED TO KEEP TOP STEEL IN PROPER POSITION.
7. ALL DIMENSIONS AND LEVELS SHALL BE VERIFIED AS PER G.A.D OR ARCHITECTURE DRAWINGS. IF ANY AMBIGUITY FOUND IT SHALL BE BROUGHT TO THE NOTICE BEFORE EXECUTION.
8. DEVELOPMENT/LAP LENGTH SHALL BE NOT LESS THAN 2 TIMES THE DIAMETER.
9. CURING OF CONCRETE MEMBERS SHALL BE CARRIED OUT FOR A MINIMUM PERIOD OF 12 DAYS FROM CASTING.
10. SOIL BEARING CAPACITY IS CONSIDERED AS 150 kN/m² AT THE DEPTH OF 2M BELOW EXISTING GROUND LEVEL.
11. MORTAR MIX RATIO FOR BRICKWORK SHALL BE 1:6.

R.C.C. DETAILS OF SEPTIC TANK

SEPTIC TANK PLAN

SECTION 1-1

SECTION 2-2

SECTION 3-3

R.C.C. Baffle Wall