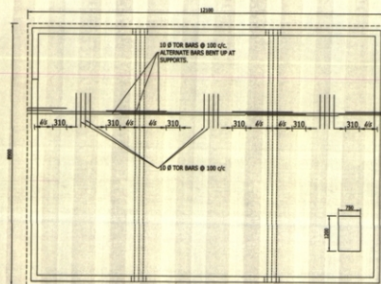


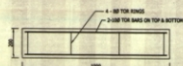
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED
2. ALL R.C.C. WORK SHALL BE MIXED CONCRETE M-20 AS PER IS: 456-2000 CODE OF WORK PRACTICE FOR PLAIN AND REINFORCED CONCRETE.
3. CONCRETING SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS Laid down in IS: 456-2000
4. PROPER CURING OF CONCRETE TO ACQUIRE HARDNESS, STRENGTH AND OTHER PROPERTIES, ESSENTIAL FOR SATISFACTORY SERVICE SHALL BE ENSURED.
5. ALL CONCRETE SHALL BE MECHANICALLY MIXED AND VIBRATED.
6. COVER TO REINFORCEMENT SHALL NOT BE MORE THAN 25mm FOR SLAB AND MORE THAN 40mm FOR BEAMS AND COLUMNS.
7. HIGH YIELD STRENGTH COIL TWISTED DEFORMED BARS SHALL CONFORM TO IS: 1786-1985.
8. PARTICULAR CARE MUST BE TAKEN TO ENSURE THAT
 - (i) NO SAG OCCURS IN THE REINFORCING BARS DURING CONSTRUCTION.
 - (ii) STRIPS ARE EFFECTIVELY TIED WITH WIRE TO THE MAIN REINFORCING BARS.
9. THE NUMBER OF BARS SHALL BE DECIDED FROM THE SPACING MENTIONED ON THE DRAWING AND NOT BY COUNTING THE BARS.
10. ALL R.C.C. WORK MUST BE CARRIED OUT UNDER THE PERSONAL SUPERVISION OF SITE IN CHARGE.
11. TOR STEEL SHOULD BE USED.
12. 250mm THICK BRICK WALL TO BE IN CEMENT MORTAR 1:6.
13. INLET AND OUTLET PIPE CAN BE PROVIDED ON ANY OF THE FOUR WALLS AS PER SITE HOLDINGS.
14. SEAL ALL EXISTING MAN HOLES.
15. RAISE HEIGHT OF THE TANK WITH CONCRETE OR BRICK WORK SO THAT TOP OF ROOF SLAB IS 1475mm ABOVE GROUND LEVEL. RAISING TO BE DONE IN BRICK WORK OR CONCRETE.
16. EXISTING WINDOW TO BE PROVIDED WITH CLEAR GLASS PANE OF TOP 100mm TO CLEAR.
17. VIEWING UNDERGROUND TANKS WHICH DO NOT HAVE PROPER GASKETS, INSPECTION WINDOWS AND INLET / OUTLET PIPES SHOULD BE MODIFIED AS SHOWN IN THE DRAWING AT /7. THE PURPOSE IS TO PROVIDE ACCESS FOR INSPECTION AND TO PREVENT FURTHER CONTAMINATION OF TREATED STORED WATER BY PROVIDING PROPER COVER TO IMMEDIATELY RAISING THE TOP OF THE TANK ABOVE THE GROUND LEVEL.
18. THE GROUND LEVEL SHOULD BE AT LEAST 150mm BELOW THE TOP OF THE TANK. THE FREE SURFACE OF THE TANK SHOULD BE SUCH THAT GROUND CLEARANCE IS NOT LESS THAN THE SUBSURROUNDING GROUND SHOULD BE LOWENED TO PREVENT SURFACE RUN OFF FROM COMING IN CONTACT WITH THE TANK. IF NOT FEASIBLE THE EXISTING ROOF OF TANK MAY BE OBLIGATED TO RAISE THE TANK WALL TO 1475mm TO 1490mm ABOVE GROUND LEVEL.

CLEAR COVER TO BE AS FOLLOWS:-

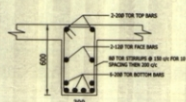
- | | | |
|--------------|---|--|
| 1. FOR BEAMS | — | 25 MINIMUM OR TWICE DIA OF BAR
WHICHEVER IS MORE. |
| 2. FOR SLABS | — | 20 MINIMUM OR TWICE DIA OF BAR
WHICHEVER IS MORE. |



R.C.C. DETAILS OF SLAB



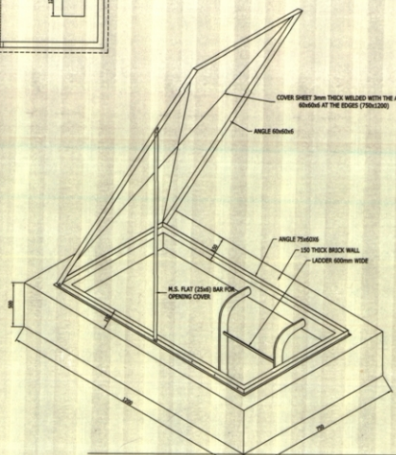
R.C.C. DETAILS OF BED BLOCK



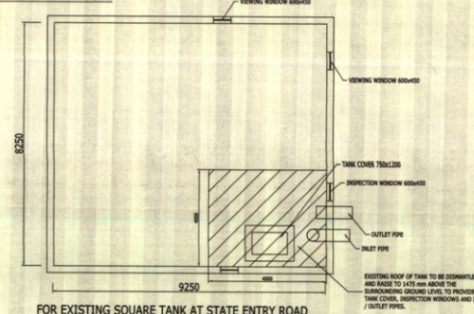
R.C.C. DETAILS OF BEAM



FOR EXISTING RECTANGULAR TANK AT BARODA HOUSE

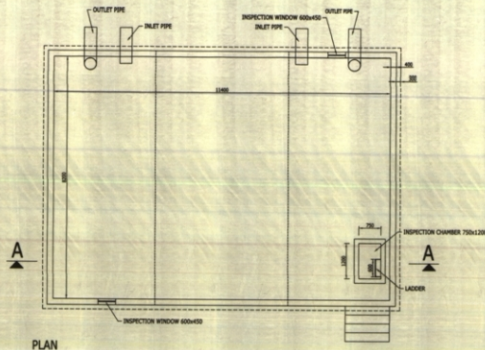


DETAIL OF TANK COVER 750x1200



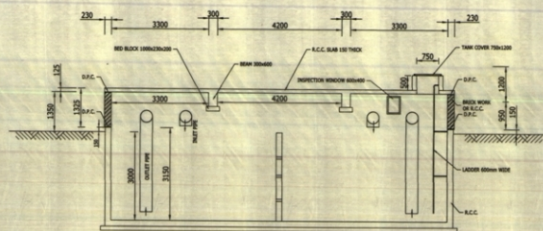
FOR EXISTING SQUARE TANK AT STATE ENTRY ROAD

(B) TYPICAL ALTERATIONS TO THE EXISTING UNDERGROUND TANKS TO PROVIDE TANK COVER, INSPECTION WINDOWS AND INLET / OUTLET AND TO PREVENT CONTAMINATION OF THE STORED TREATED WATER FROM INGRESS OF SURFACE WATER FROM THE SURROUNDING GROUND.



PLAN

(A) FOR NEW TANK



SECTION AT A-A

[illegible]