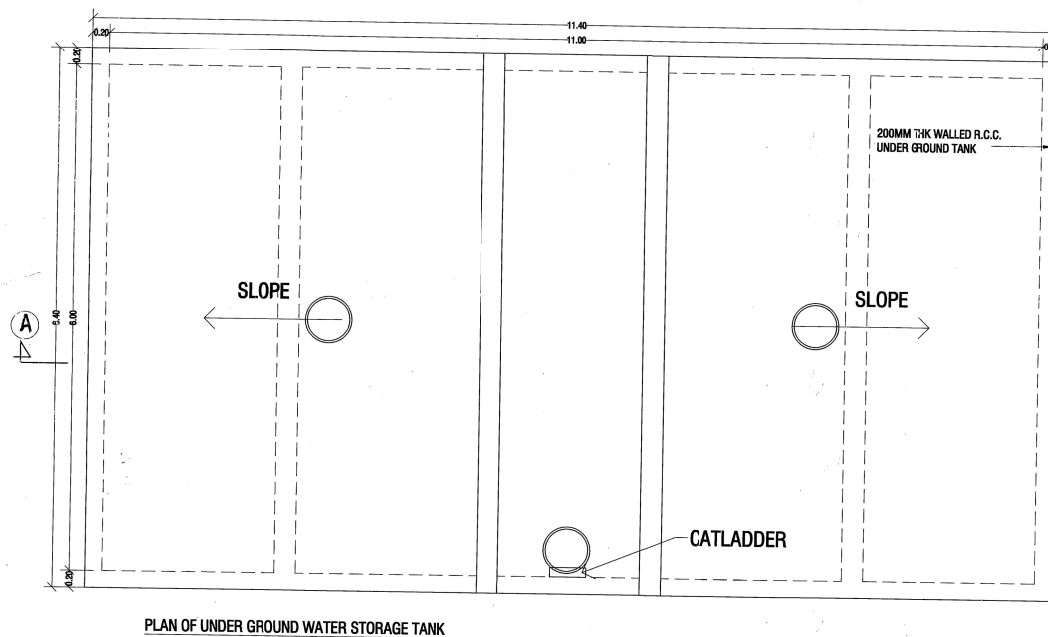
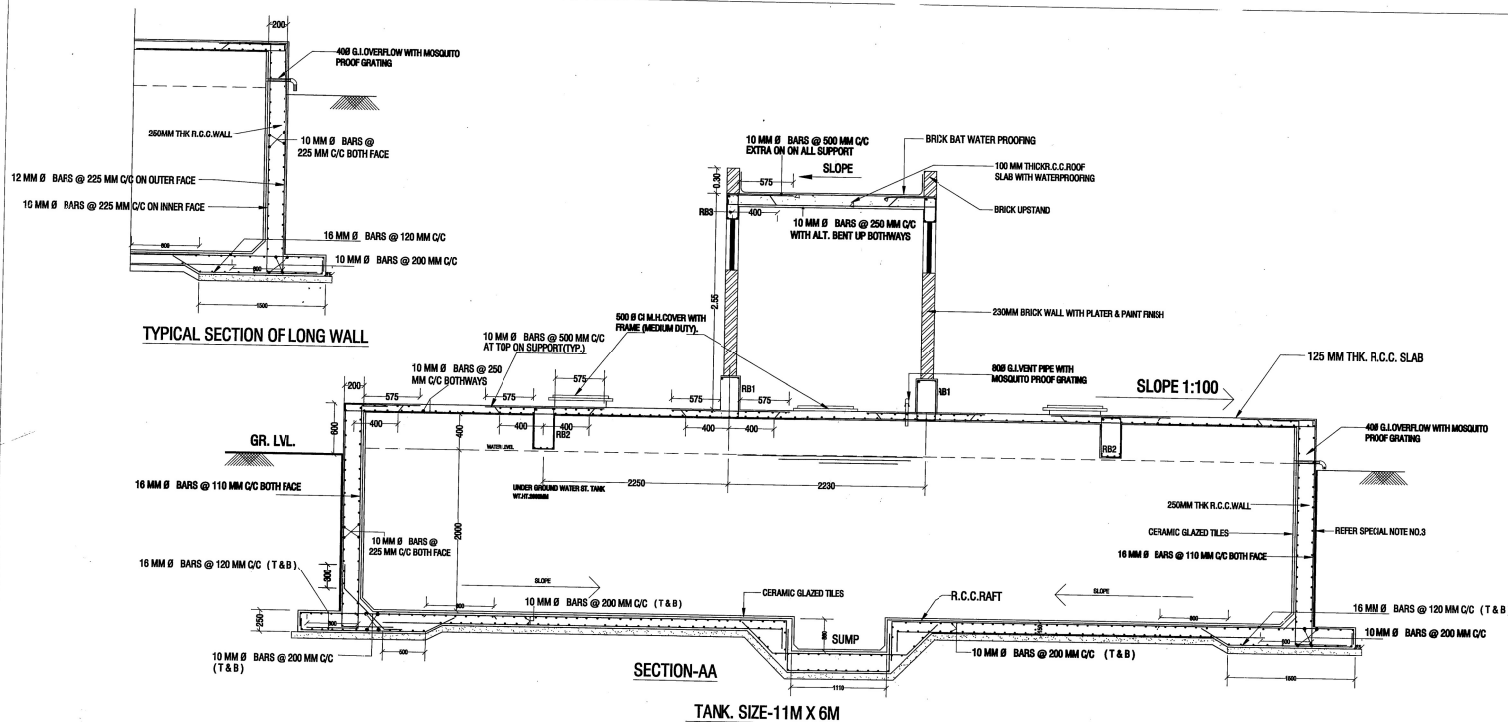


BEAM DETAILS

- RB1 250X500 MM
BOTTOM 5 NOS 25 DIA & TOP 2 NOS 20 DIA AND 1 NO 16 DIA WITH 2 LEGGED 8 DIA STIRRUPS @ 100MM C/C
- RB2 250X500 MM
BOTTOM 4 NOS 20 DIA & TOP 2 NOS 20 DIA WITH 2 LEGGED 8 DIA STIRRUPS @ 100MM C/C
- RB3 230X400 MM
BOTTOM 2 NOS 20 DIA & TOP 2 NOS 20 DIA WITH 2 LEGGED 8 DIA STIRRUPS @ 125MM C/C

SPECIAL NOTES:-

- R.C.C. FOR THE WATER RETAINING STRUCTURE MIXED WITH WATER PROOFING ADMIXTURE AS PER RECOMMENDATION OF MANUFACTURER.
- SLOPE 1:100 SHALL BE PROVIDED IN THE R.C.C. ROOF OF WATER TANK
- 4 COURSE WATER PROOFING SHALL BE DONE AS DESCRIBED IN THE DSR 2007 ITEM NO. 22.3 ON THE EXTERNAL SURFACES OF R.C.C. WALL & BOTTOM RAFT SLAB (BETWEEN PCC & RCC) AND SIDE WALLS UP TO 150 MM ABOVE F.G.L.
- CERAMIC GLAZED TILES SHALL BE PROVIDED ON WALLS AND FLOOR. WATER PROOFING COMPOUND SHALL BE MIXED IN CEMENT MORTAR FOR FIXING TILES.
- INSERTS FOR INLET & OUTLET PIPING SHALL BE LAID PRIOR TO CASTING OF R.C.C.
- WHEREVER NECESSARY RUBBER STOPER SHALL BE LAID AT THE JOINT OF R.C.C.

NOTES :-

- ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METRES.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL, ARCHITECTURAL, SERVICES DRAWINGS AND SPECIFICATIONS.
- DISCREPANCIES IF ANY FOUND SHALL BE BROUGHT TO THE NOTICE OF ENGINEER - IN-CHARGE BEFORE EXECUTION OF THE WORK.
- DRAWING SHOULD NOT BE SCALED ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED
- CONCRETE MIX SHALL BE 1:1.5:3
- LAPPING TO REINFORCEMENT FOR -
- BEAM TENSION REINFORCEMENT SHALL BE AT 1/5th OF SUPPORT (d = EFFECTIVE DEPTH).
- BEAM COMPRESSION REINFORCEMENT SHALL BE AT MID SPAN.
- COLUMN LONGITUDINAL REINFORCEMENT SHALL BE AT MID-HEIGHT OF FLOOR.
LAPPING TO REINFORCEMENT SHALL BE 60 X BAR DIA.
- REINFORCEMENT SHALL BE LAID AS PER IS:456 (LATEST) OR SP:34, IF DETAILS ARE NOT AVAILABLE IN THE DRAWING.
- ADEQUATE CHAIRS SHALL BE PROVIDED TO THE REINFORCEMENT.
- ALL REINFORCEMENT SHALL BE OF GRADE Fe - 415 CONFORMING IS:1786 OR TMT BARS OF EQUIVALENT GRADE.
- MINIMUM CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-
(a) FOOTING - 50 MM (c) BEAM - 25 MM
(b) COLUMN - 40 MM (d) SLAB - 20 MM
- ALL WORK SHALL BE CARRIED OUT AS PER CPWD SPECIFICATIONS (LATEST).

RELEASED FOR TENDER & CONSTRUCTION.

POWER GRID CORPORATION
OF INDIA LIMITED
(A Government of India Enterprise)

PROJECT: STANDARD DRAWINGS FOR TOWNSHIP

TITLE: STRUCTURAL DRAWING UNDERGROUND WATER TANK

DDCE (ENGG-CIVIL)	AGM (ENGG-CIVIL)	GM (ENGG-SS&TL)	DATE	31/09/2010
SCALE	DRAWING NO.	C/ENGG/TS/STD/UGT/STR/01	R-0	