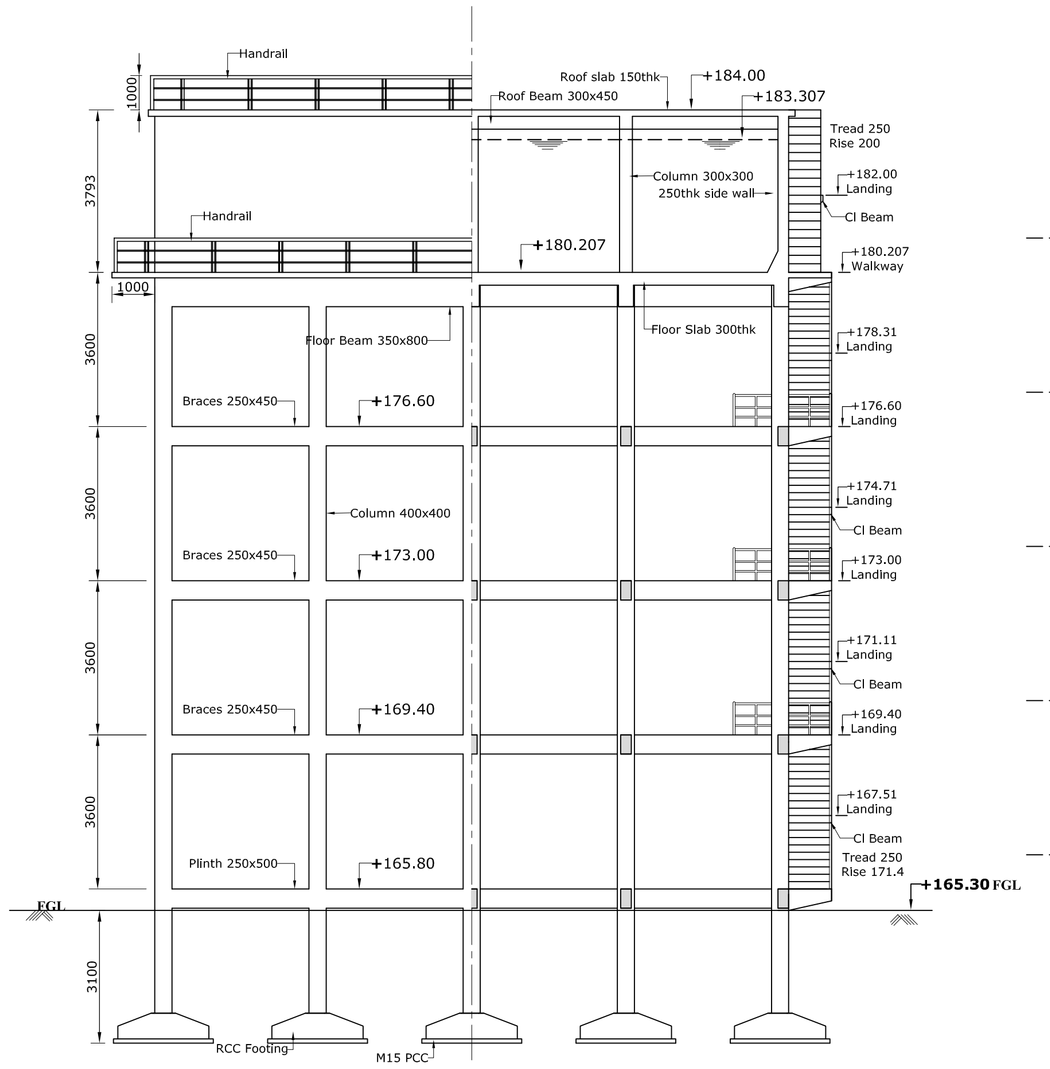
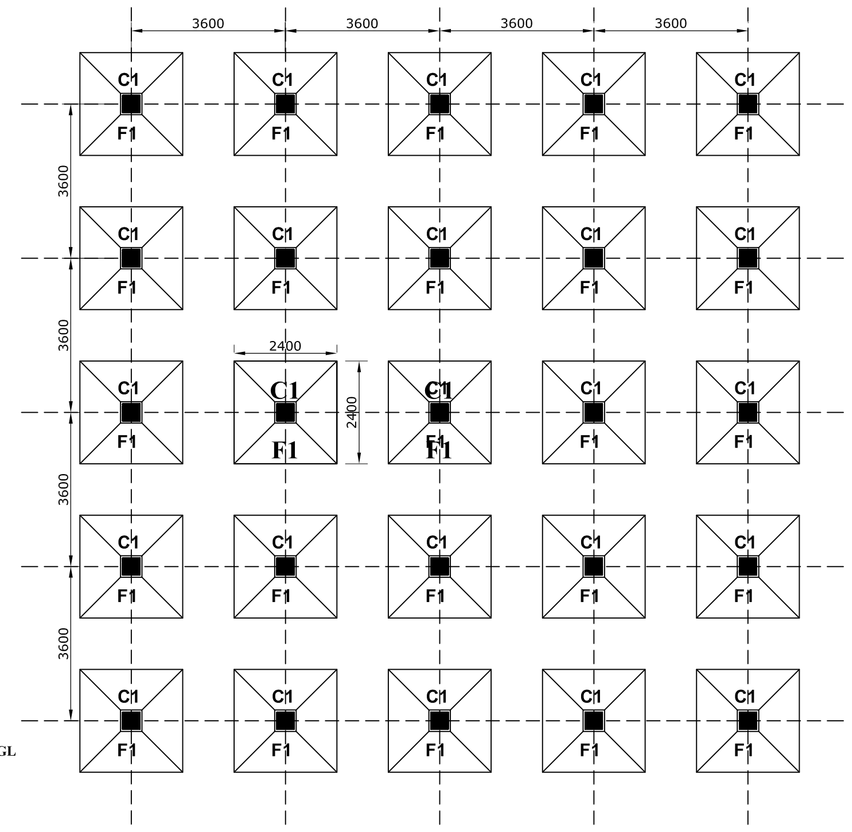
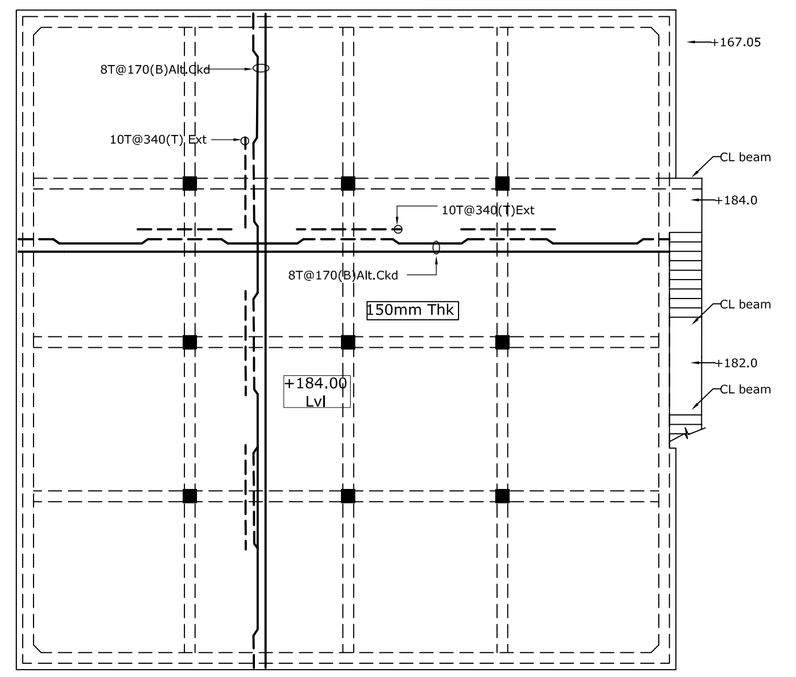


HALF SECTIONAL ELEVATION
Scale -1:100



COLUMN /FOOTING LAYOUT PLAN
(Scale - 1:100)



REINFORCEMENT DETAILS OF ROOF SLAB AT LEVEL +184.00 **(Scale - 1:100)**

NOTE

1. All dimensions are in millimetres unless otherwise specified.
2. Figured dimensions supersede measured ones.
3. Use RCC mix of M30 for water retaining parts and M25 for the rest.
4. Use steel of fy$\geq$ 415N/mm².
5. Lap lengths provided as per relevent ISS.
6. SBC of 160KN/m² at 3.0m depth has been adoped for design as per SIR
7. Suitable arrangements for inlet,outlet overflow,manhole,air vent etc
8. Suitable arrangements for M.S ladders,handrails etc may be provided.
9. Clear cover to the reinforcement should be provided as follows.

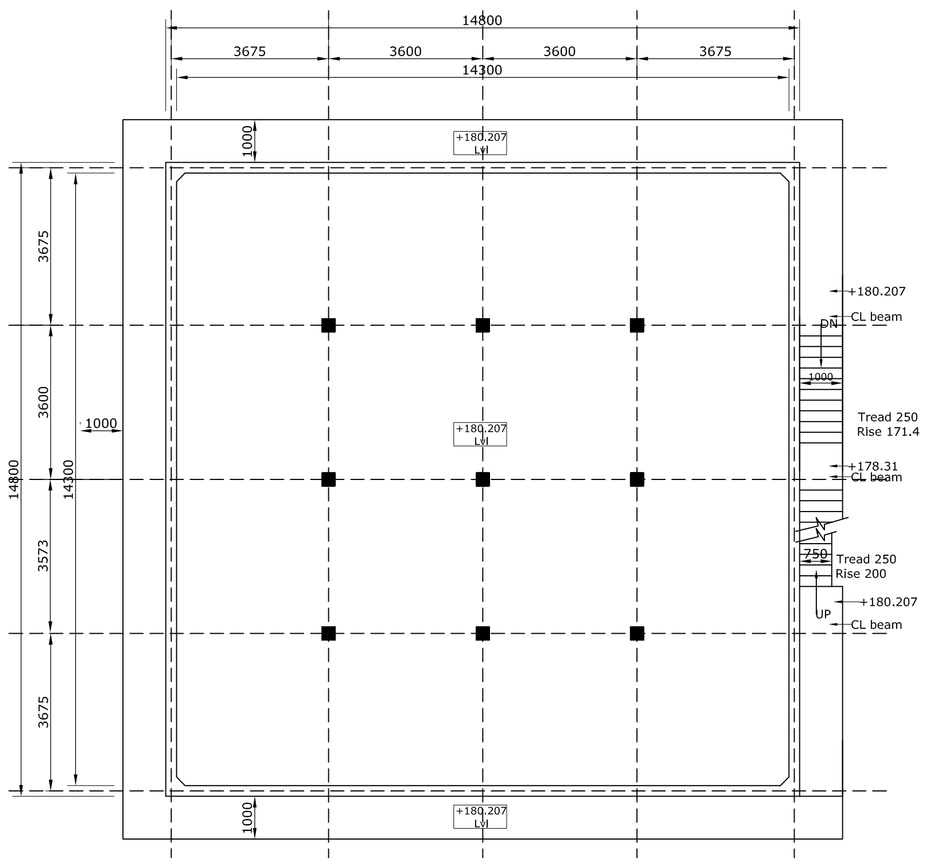
Water face of slab,beam and side wall	-	45mm
Column	-	40mm
Footing	-	50mm
All other faces	-	30mm

10. The bar bending details of the stirrups are as follows.

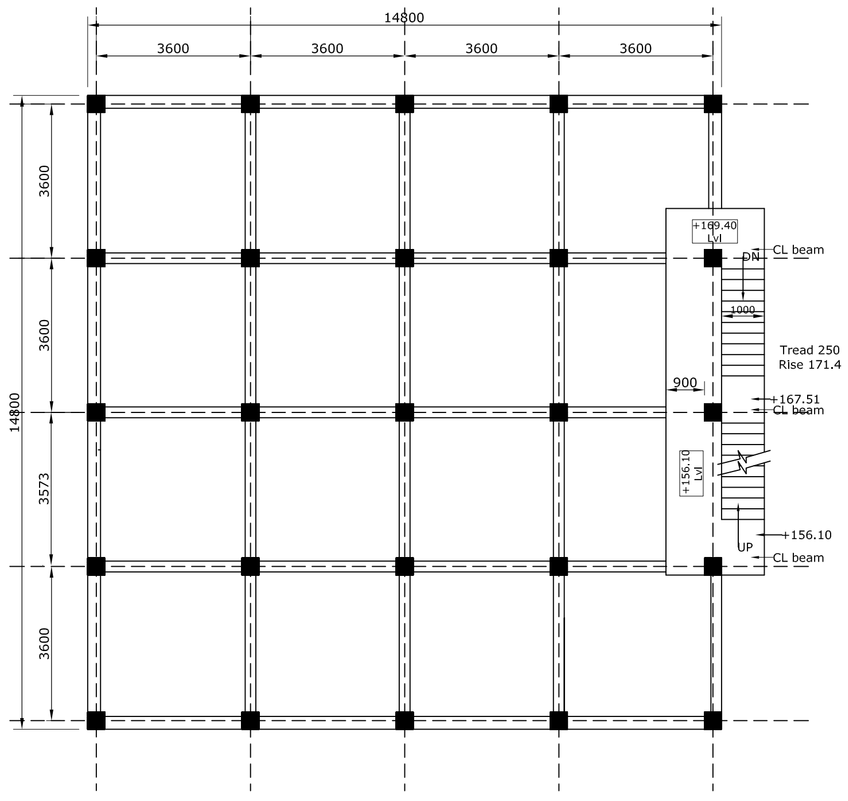
TYPICAL BEAM SECTION

Legend:

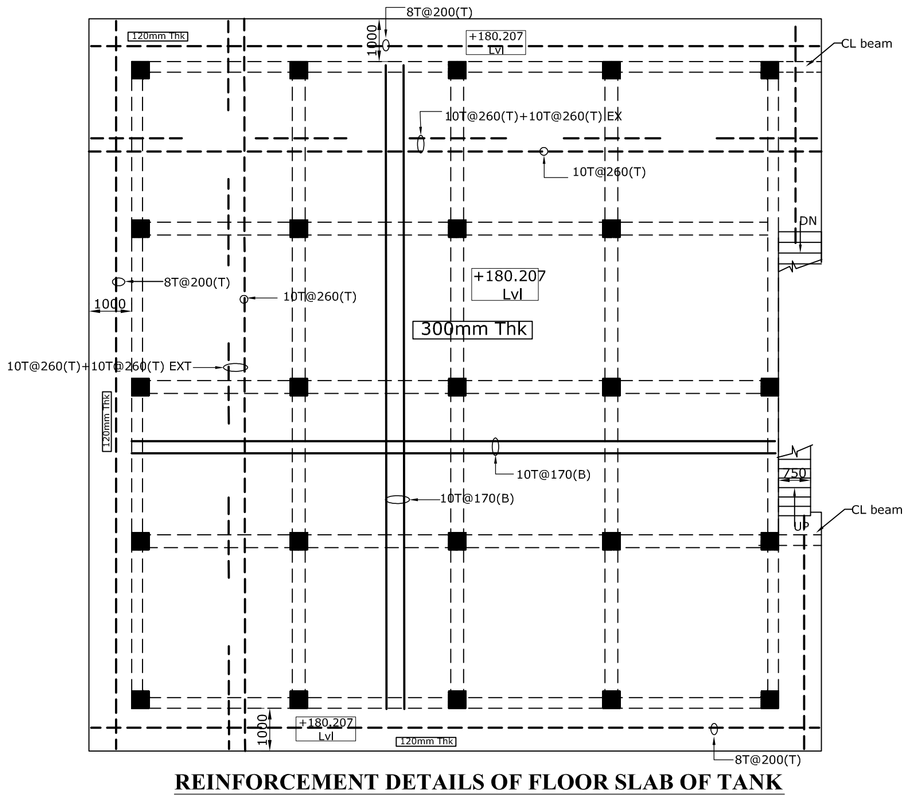
8 T@ 200 indicates 8 mm tor/TMT steel bars @ 200 mm c/c.
2 #20T indicates 2 Numbers 20 mm dia bar.
(B) indicate Bottom Layer.
(T) indicate Top layer.



PLAN OF TANK
(Scale - 1:100)



PLAN AT BRACE LEVEL AT +169.40
(Scale - 1:100)



REINFORCEMENT DETAILS OF FLOOR SLAB OF TANK AT LEVEL +180.207
(Scale - 1:100)

KERALA WATER AUTHORITY

PROJECT- JJM (2021-2024) "Anad &Nanniyode panchayaths-"CWSS to Anad,Kurupuzha & Palode villages "Phase III - Package V&VIII

COMPONENT: STRUCTURAL DESIGN OF 6.250 LL CAPACITY OHSR AT KOOP

Scale as shown Sheet no: 1/3 (A1)

Drawing no: EDP/KUP/6.25LLOH/01

Contractor: EDWIN PRASAD