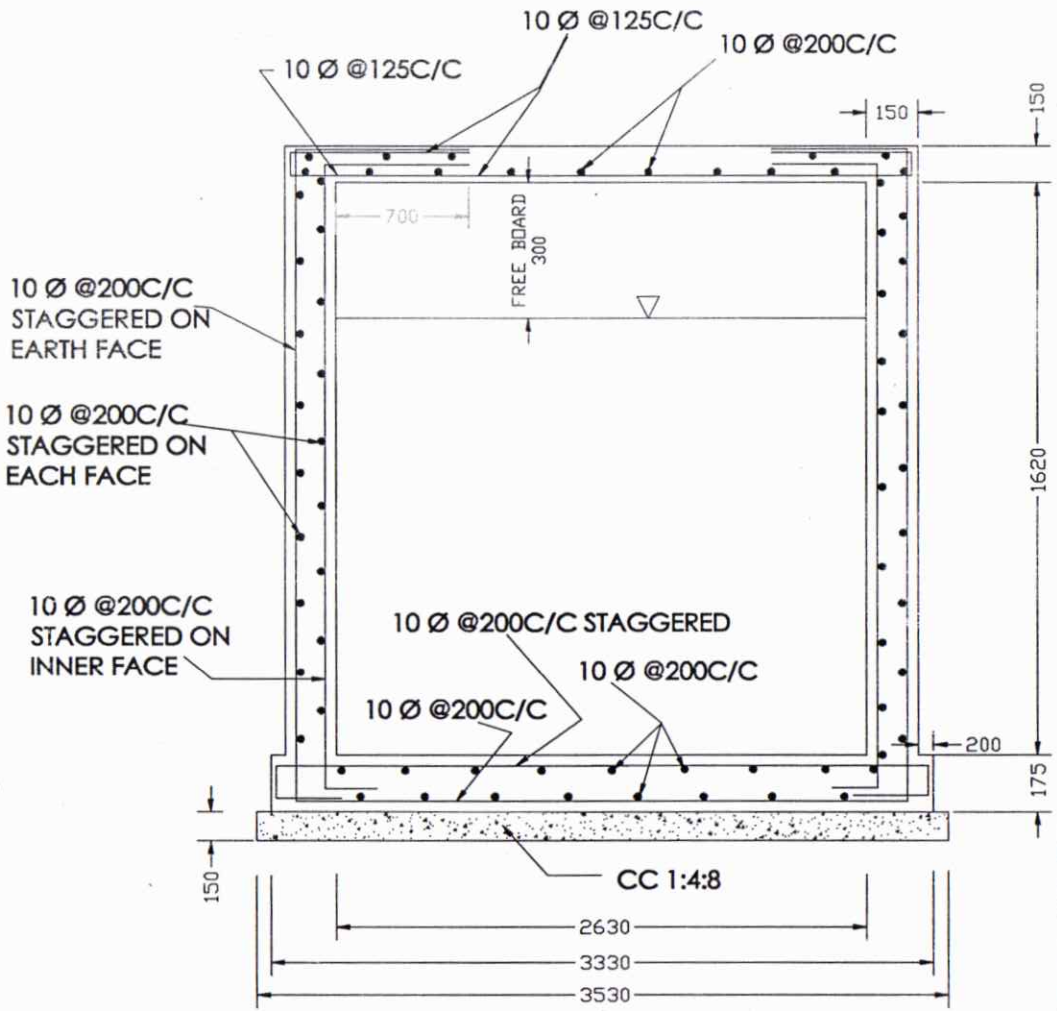
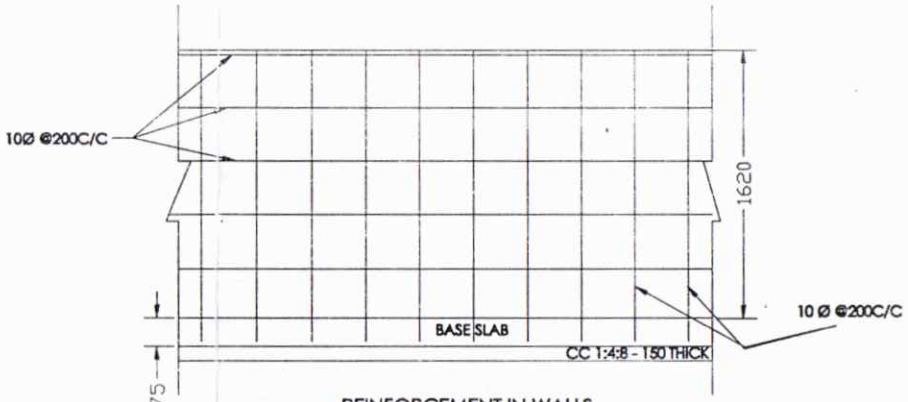
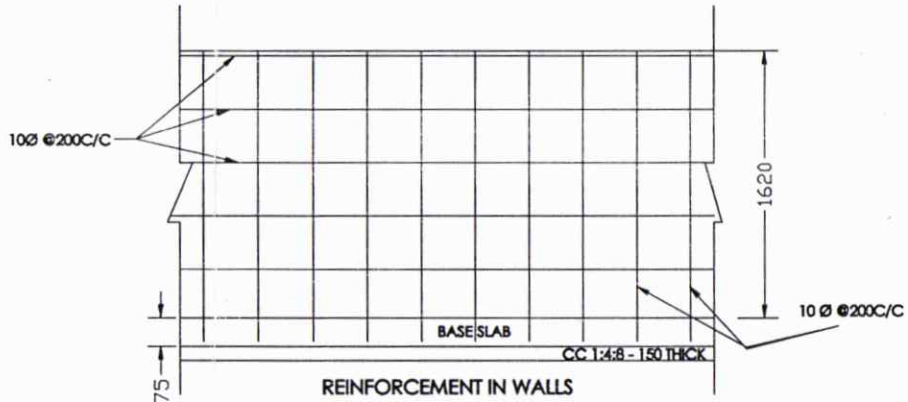
RCC DRAIN (2.63m Wx1.32m SWD+0.30m FB)



REINFORCEMENT IN WALLS & BASE SLAB
(WATER/EARTH SIDE FACE)



REINFORCEMENT IN WALLS
(EARTH SIDE FACE)



REINFORCEMENT IN WALLS
(WATER SIDE FACE)

NOTES:-

1. Use M-30 grade conc. for RCC work.
2. Use 150mm thick PCC 1:4:8 in foundation/footing below RCC slab.
3. All dimensions are in mm. Dia of bars are in mm.
4. Grade of HYSD bars Fe 500 conforming to IS 1786 code be used.
5. Lap Length for bars may be adopted as 50 times the diameter of bar.
6. Use 50mm cover for steel in base slab, except 35mm in walls.
7. The structural design has been done as per the hydraulic design provided by J.E. concened.
8. In case of any ambiguity please consult Structural Engineer/Consultant
9. The structural design has been done assuming Safe bearing capacity of soil as 0.65KN/m2 as informed by J. E. concerned.
10. Lvls. of channel at site shall be maintaintained as per approved DNIT or as per direction /approval of Engineer -in Charge .

DRAWING FOR APPROVAL

CLIENT:- EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION NO.3, HISAR (HARYANA)	**PROJECT:-** Shifting of existing Storm Water drain on Bagla Road required due to land acquisition by HSVP Hisar at existing site of storm water drain in Sector-33 Hisar (HARYANA).	**APPROVED BY:-**	unitech WATER SOLUTIONS 1250/7, KURUKSHETRA (HARYANA) DRAWN BY — DIVYANSH SCALE- N.T.S. DATE — 22/07/2020	CONTRACTOR: Drawing :- STRUCTURAL DETAILS OF BOTTOM & TOP SLAB SLAB, WALLS OF RCC DRAIN SHEET NO-1/2 R1V-0 Drawing Ref. no. :- PHED/DIV-II/HISAR/DRAWING/STR/R-1	**SIGNATURE OF:-** DESIGNER / J.E. / S.D.E. / E.E.