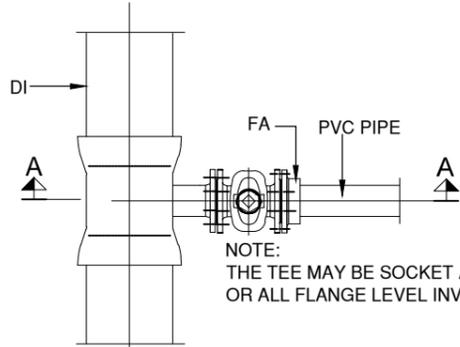
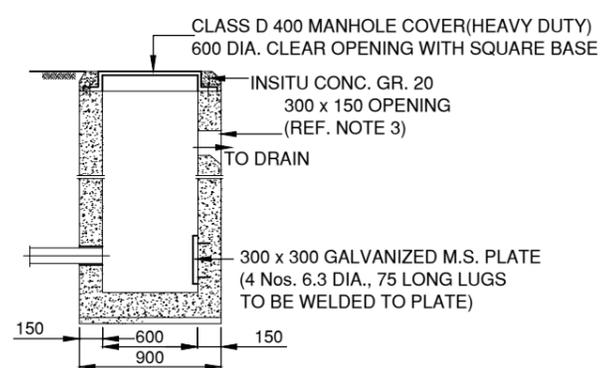


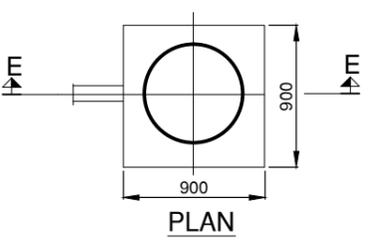
SECTION A - A



FOR DI PIPES (250 AND ABOVE)/ PE PIPES (280 AND ABOVE)

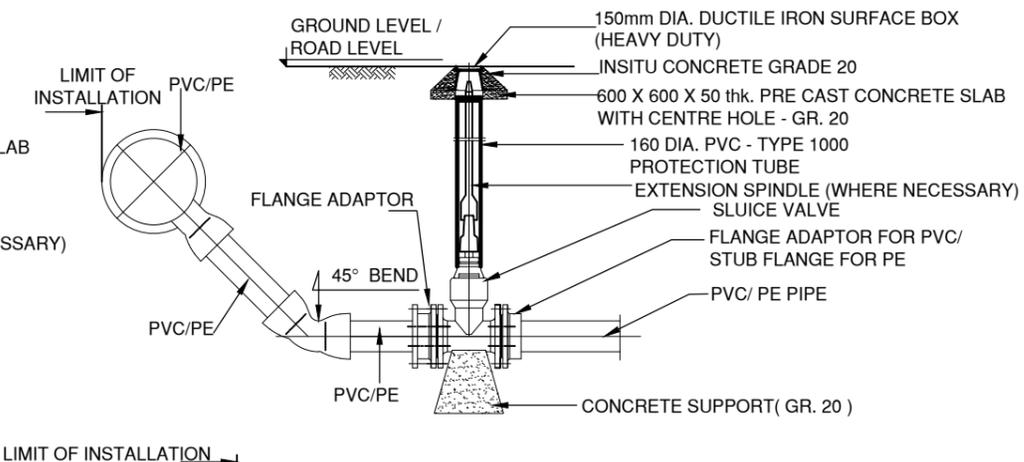


SECTION E - E

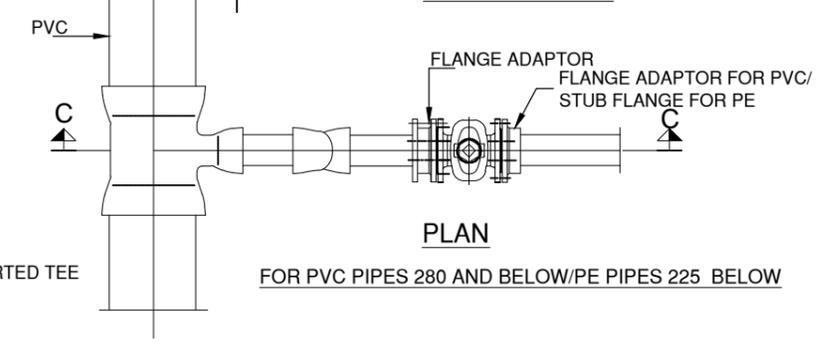


OUTLET CHAMBER - TYPE A

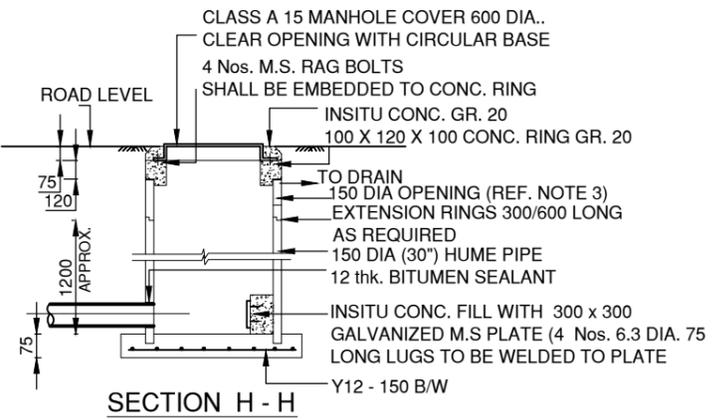
DISCHARGE LEVEL ABOVE PIPE LINE AND CHAMBER SUBJECTED TO TRAFFIC LOADS



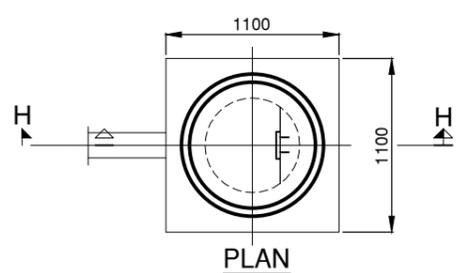
SECTION C - C



FOR PVC PIPES 280 AND BELOW/PE PIPES 225 BELOW



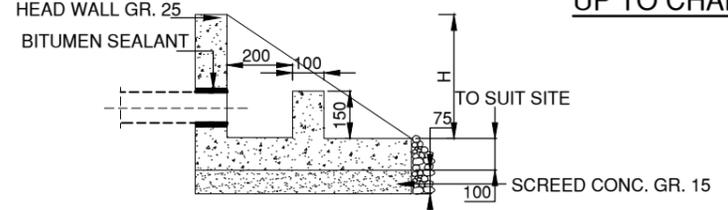
SECTION H - H



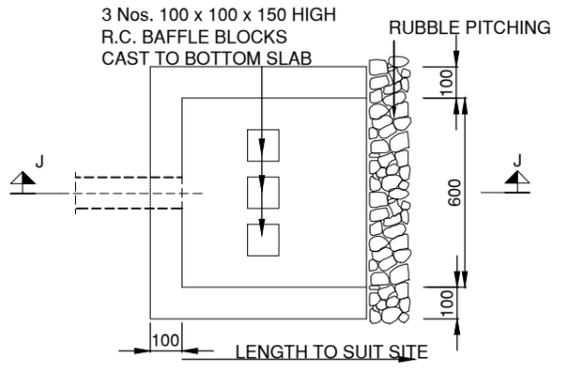
OUTLET CHAMBER - TYPE B

DISCHARGE LEVEL ABOVE PIPE LINE AND CHAMBER NOT SUBJECTED TO TRAFFIC LOADS

DETAILS OF CONNECTION FROM MAIN PIPE LINE UP TO CHAMBER

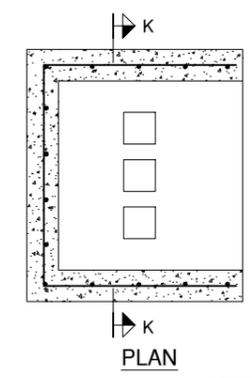


SECTION J - J

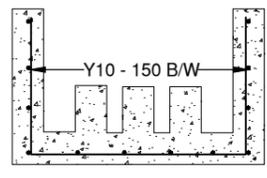


PLAN

OUTLET CHAMBER - TYPE C  
DISCHARGE LEVEL BELOW PIPE LINE AND STRUCTURE NOT SUBJECTED TO TRAFFIC LOADS



REINFORCEMENT DETAILS FOR PRECAST CONCRETE STRUCTURE OF WASHOUT TYPE - A AND TYPE - C CHAMBER



SECTION K - K

| SIZE OF MAIN PIPE LINE | SIZE OF WASHOUT VALVE | SIZE OF LEAD AWAY PIPE FROM MAIN PIPE TO CHAMBER |
|------------------------|-----------------------|--|
| UP TO 280 PVC/ PE      | 80                    | 90 PVC/ PE                                       |
| 250 - 300 DI           | 80                    | 90 PVC/ PE                                       |
| 350 - 400 DI           | 100                   | 110 PVC/ PE                                      |
| 600 DI                 | 100                   | 110 PVC/ PE                                      |

NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES.
- LENGTH OF PIPE FROM THE VALVE TO THE DISCHARGE POINT SHALL BE TO SUIT THE SITE
- FOR TYPE A & TYPE B IF THE LOCATION OF CHAMBER DOES NOT PERMIT DIRECT DISCHARGE TO A NATURAL DRAINAGE OUTLET, THEN A LEAD PIPE FROM THE CHAMBER SHALL BE USED UP TO A SUITABLE LOCATION.
- PRE-CAST CONCRETE TO BE GRADE 35 A.



CLIENT:  
MINISTRY OF ENVIRONMENT AND ENERGY

CONSULTANCY SERVICES FOR DESIGN OF WATER SUPPLY FACILITIES IN Ha.HORAFUSHI, Hdh.HANIMAADHOO,Sh.MILANDHOO,R.UNGOOFAARU,Lh.NAIFARU,Dh.KUDAHUVADHOO,Th.GURAIHOO AND Ga.VILLINGILI, MALDIVES

| DESIGN ENGINEER | DRAWN                     | CHECKED             | APPROVED | SL.NO | DRWING NO | DESCRIPTION |
|-----------------|---------------------------|---------------------|----------|-------|-----------|-------------|
| DATE            | DRG.NO: UNGOOFAARU/STD/06 | SCALE: NOT TO SCALE |          |       |           |             |



GREENTECH CONSULTANTS (Pvt.) Ltd IN ASSOCIATION WITH DEVELOPMENT COLLABORATION PARTNERSHIP (Pvt.) Ltd MALDIVES AND OPTIMUM SOLOUTIONS (Pvt) Ltd, MALDIVES

TITLE:  
**WASHOUT VALVE CHAMBERS**  
R.UNGOOFAARU