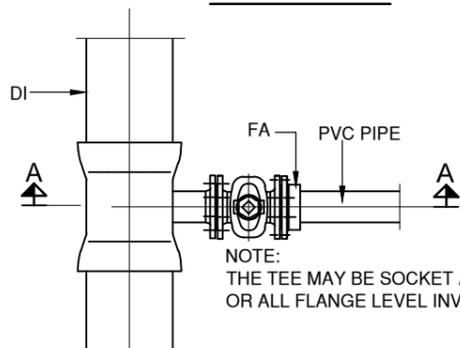
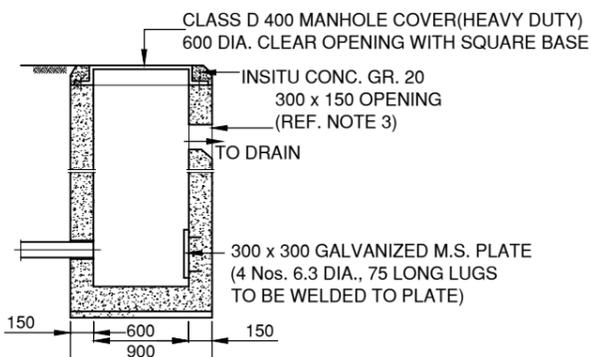


SECTION A - A

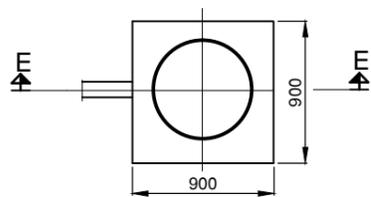


PLAN

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



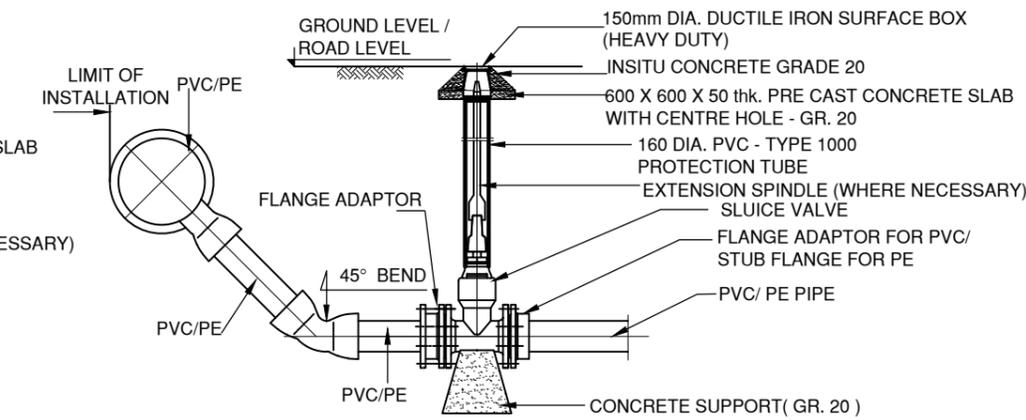
SECTION E - E



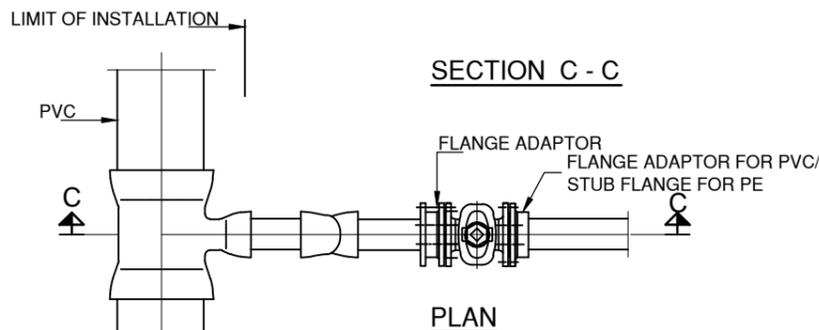
PLAN

OUTLET CHAMBER - TYPE A

DISCHARGE LEVEL ABOVE PIPE LINE AND CHAMBER SUBJECTED TO TRAFFIC LOADS

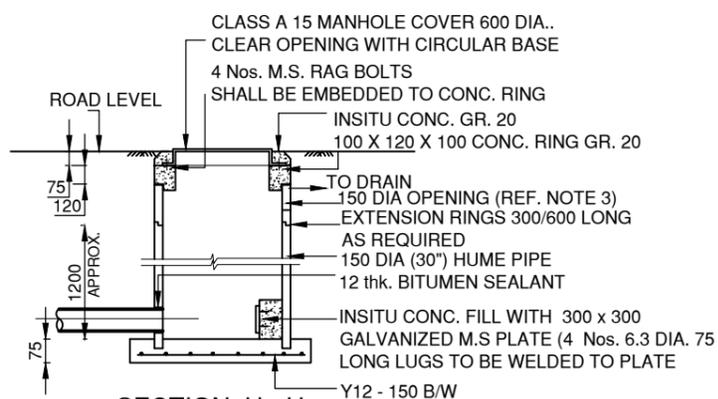


SECTION C - C

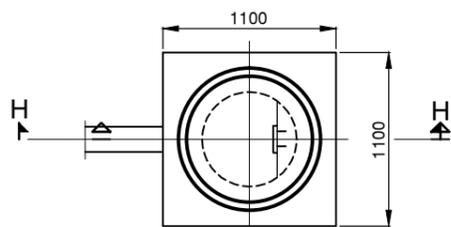


PLAN

FOR PVC PIPES 280 AND BELOW/PE PIPES 225 BELOW



SECTION H - H

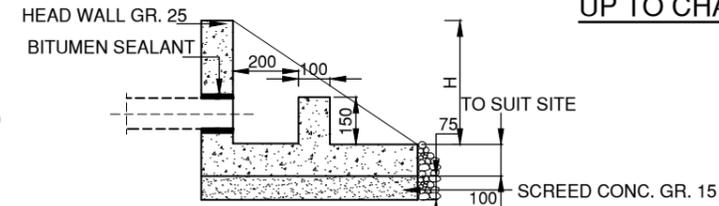


PLAN

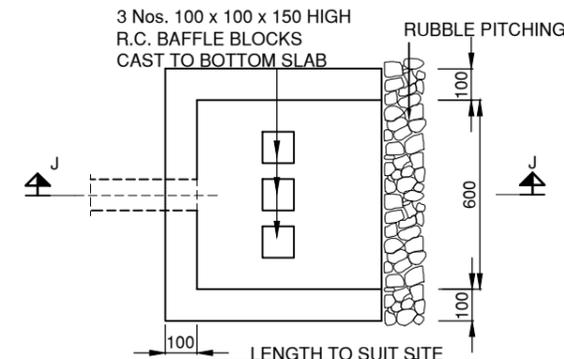
OUTLET CHAMBER - TYPE B

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

DETAILS OF CONNECTION FROM MAIN PIPE LINE UP TO CHAMBER



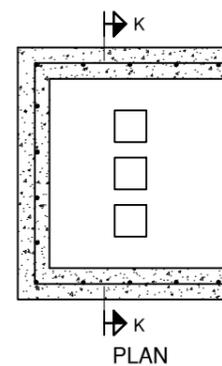
SECTION J - J



PLAN

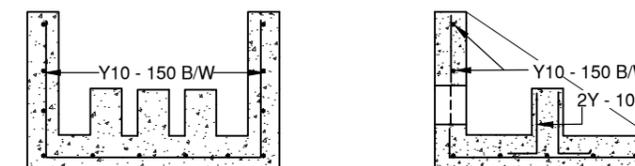
OUTLET CHAMBER - TYPE C

DISCHARGE LEVEL BELOW PIPE LINE AND STRUCTURE NOT SUBJECTED TO TRAFFIC LOADS



PLAN

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.UNGOOF AARU,Lh.NAIFARU,Dh.KUDAHUVADHOO,
,Th.GURAIHOO AND Ga.VILLINGILI, MALDIVES

| DESIGN ENGINEER | DRAWN | CHECKED | APPROVED | SL.NO | DRWING NO | DESCRIPTION |
|-----------------|------------------------|--------------|----------|-------|-----------|-------------|
| DATE | DRG.NO: NAIFARU/STD/06 | DESIGN CHIEF | | | | |
| | 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