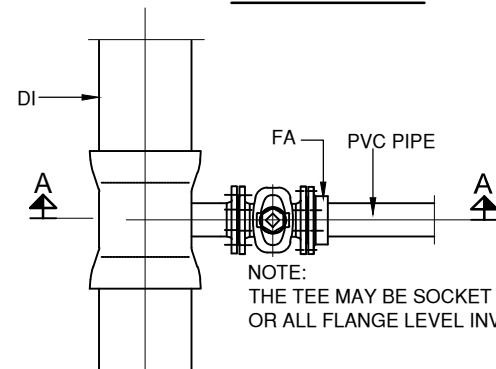
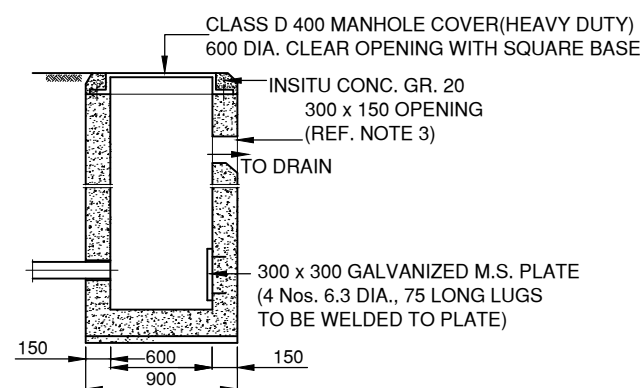


SECTION A - A

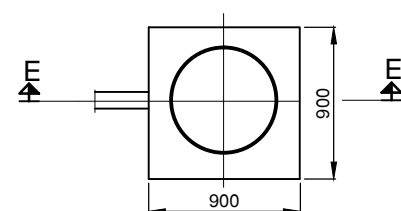


PLAN

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



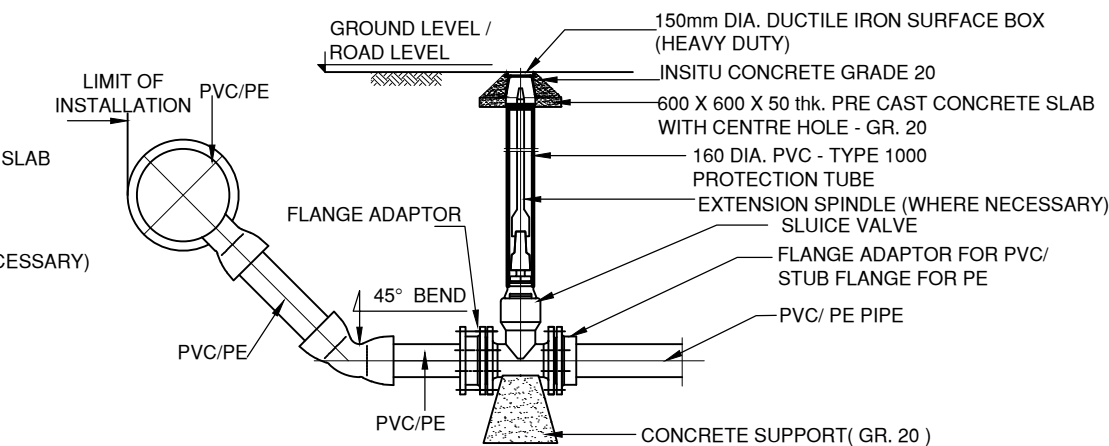
SECTION E - E



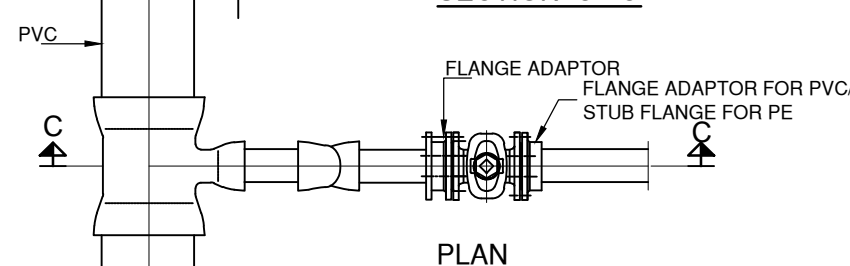
PLAN

OUTLET CHAMBER - TYPE A

DISCHARGE LEVEL ABOVE PIPE LINE AND CHAMBER SUBJECTED TO TRAFFIC LOADS

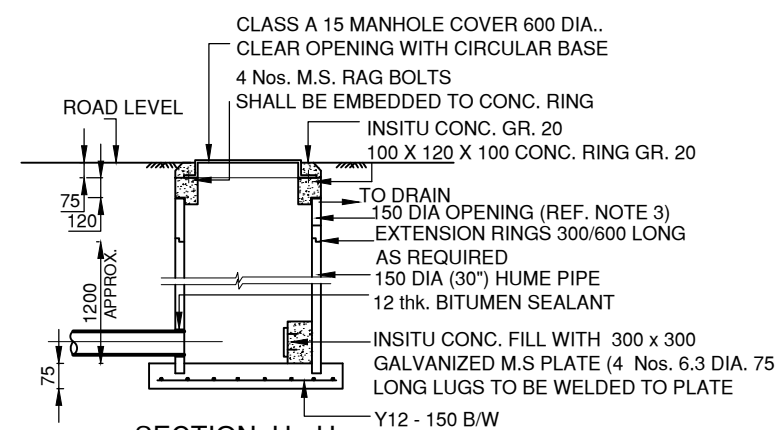


SECTION C - C

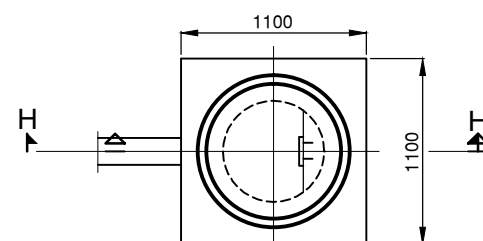


PLAN

FOR PVC PIPES 280 AND BELOW/PE PIPES 225 BELOW



SECTION H - H

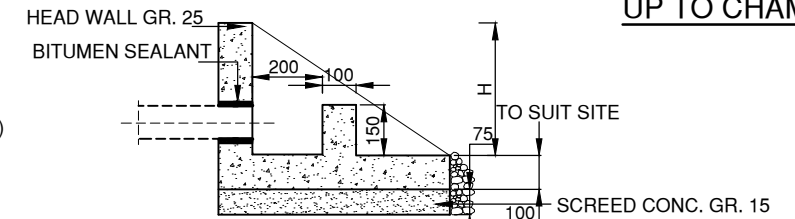


PLAN

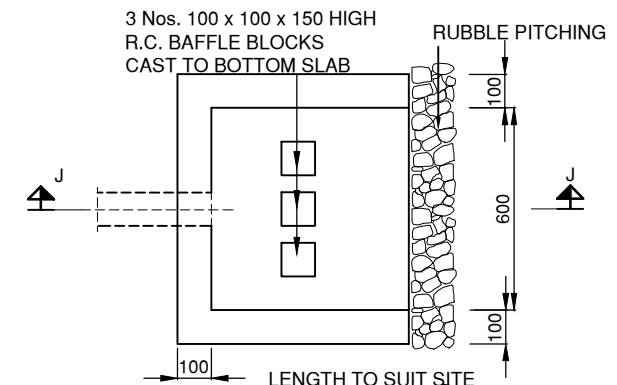
OUTLET CHAMBER - TYPE B

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

DETAILS OF CONNECTION FROM MAIN PIPE LINE UP TO CHAMBER



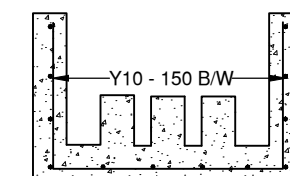
SECTION J - J



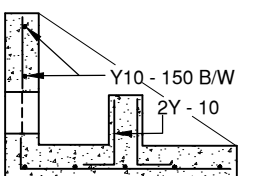
PLAN

OUTLET CHAMBER - TYPE C

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



SECTION K - K



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

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.GURAI DHOO AND Ga.VILLINGILI , MALDIVES

DESIGN

DRAWN

CHECKED

APPROVED

SL.NO

DRWING NO

DESCRIPTION

ENGINEER

DESIGN CHIEF

DATE

DRG.NO: NAIFARU/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