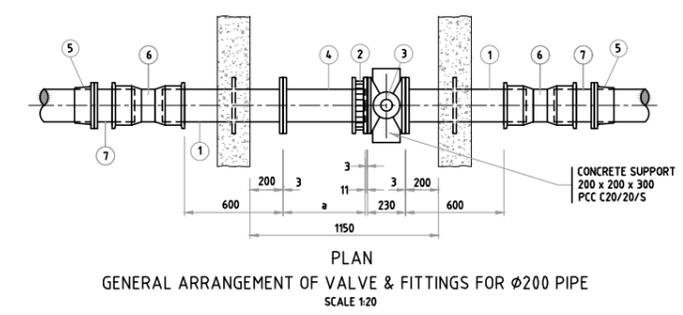
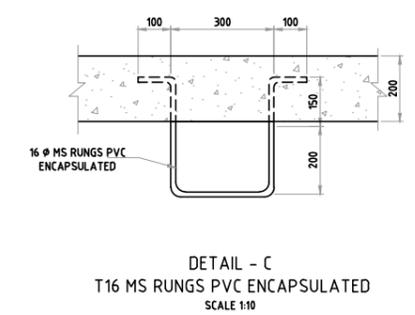
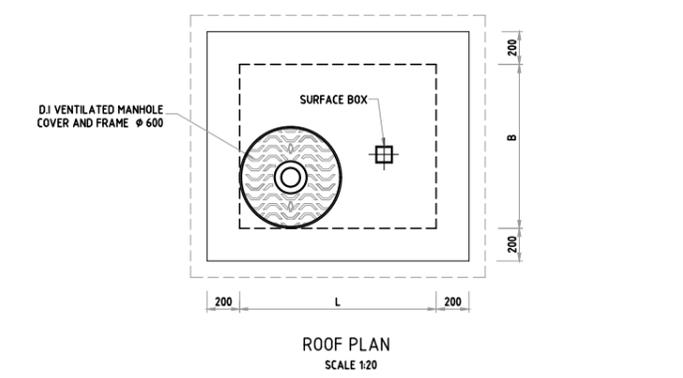
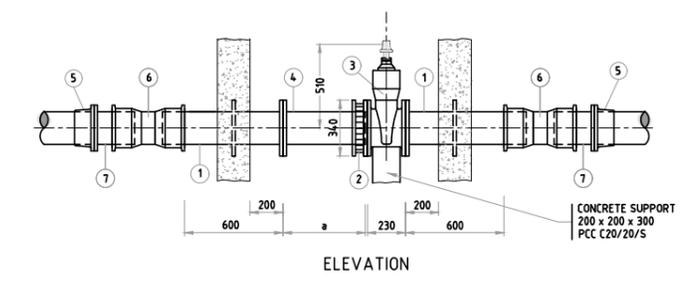
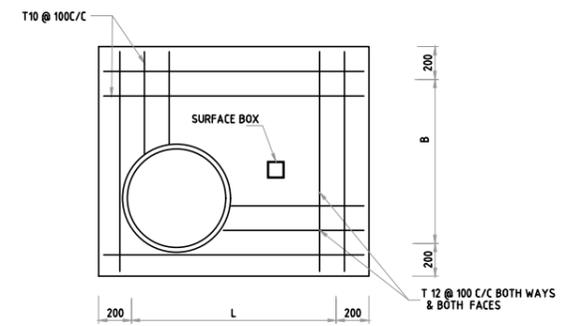
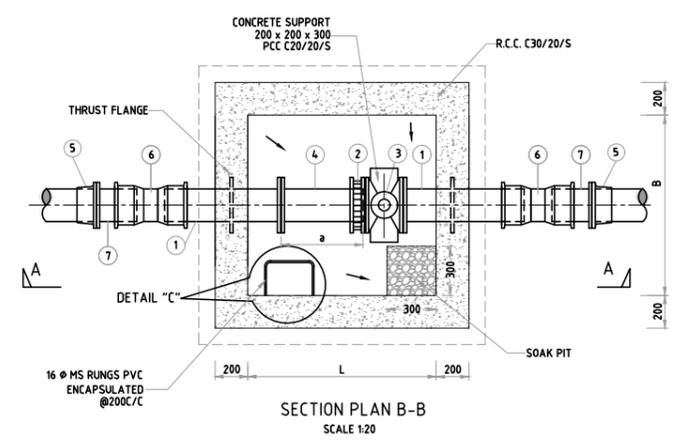


DIMENSIONS OF VALVE CHAMBER

| DIA OF PIPE (D) | L | B | a |
|-----------------|------|------|-----|
| 200 | 1150 | 1100 | 500 |
| 250 | 1600 | 1200 | 250 |

SCHEDULE OF SPECIALS AND FITTINGS

| ITEM | SPECIALS AND FITTINGS | QTY |
|------|--|-----|
| 1 | DI FLANGED SPIGOT PIPE WITH WELDED THRUST FLANGE | 2 |
| 2 | FLANGE ADAPTOR | 1 |
| 3 | DI GATE VALVE | 1 |
| 4 | DI FLANGED-SPIGOT PIECE | 1 |
| 5 | DI/PE ADOPTOR | 2 |
| 6 | DI COLLAR | 2 |
| 7 | DI SHORT LENGTH FLANGED SPIGOT PIECE | 2 |



- All dimensions are in mm
- For location and depths of Gate Valve chamber refer to drawings of pipeline plans and profiles.
- The specials and pipe fittings shall be selected to suit the supply pipe line
- All the valves, specials and pipes inside the chamber shall be of Ductile iron
- Gate Valve shall comply with BS 5150
- DI pipe & Fitting shall comply with BS 4772
- Building materials:-
Description of building materials is as follows
Compressive strength of concrete: C 30 / 20 / S
Maximum size of aggregate: Sulphate resistant cement

- Concrete:-
a. mixes shall comply with BS 8110
b. minimum 28 day characteristic strength in accordance with BS 8110
- Cover to reinforcement to be 50mm,
- The steel used shall be of fy 350 grade.
- The tanking shall be with two layers of Bituminous Paint for external surfaces of Valve chamber
- Gate Valve Chamber to be provided for Pipe dia 200 to 300 mm
- MH Cover Should Comply to BS EN 124 Class D400

- ABBREVIATIONS
- PIL - PIPE INVERT LEVEL.
 - MS - MILD STEEL.
 - DI - DUCTILE IRON.
 - PE - POLY ETHYLENE
 - RCC -REINFORCED CEMENT CONCRETE
 - PCC - PLAIN CEMENT CONCRETE

| No. | DESCRIPTION | BY | DATE | APPR. |
|---|-------------|----|------|-------|
| REVISION | | | | |
| CONSULTANT | | | | |
| SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA | | | | |
| IN ASSOCIATION WITH | | | | |
| DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES | | | | |

| | | | | |
|--|----------|----------------|----------|-----|
| CLIENT | | | | |
| MINISTRY OF ENVIRONMENT AND ENERGY MALDIVES REPUBLIC OF MALDIVES | | | | |
| PROJECT | | | | |
| PROVISION OF RAINWATER HARVESTING SYSTEM IN 9 ISLANDS | | | | |
| ASSIGNMENT | | | | |
| CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN TH. VANDHOO, TH. GAADHIFUSHI, TH. OMADHOO, TH. KANDOOBHOO, TH. KINHDHOO, TH. DHIYAMGILI, M. RAYMANSDHOO, M. VEYVARI, M. NAALAFUSHI, MALDIVES (PACKAGE - 4) | | | | |
| DRAWING TITLE | | | | |
| STANDARD DRAWING OF SLUICE VALVE CHAMBER | | | | |
| APPROVED | CHECKED | DESIGNED | DRAWN | PDP |
| SSS | SSS | SPP | | |
| SCALE | DATE | DRAWING NUMBER | REVISION | |
| AS SHOWN | FEB 2018 | WS/STD/03 | 0 | |

TENDER PURPOSE