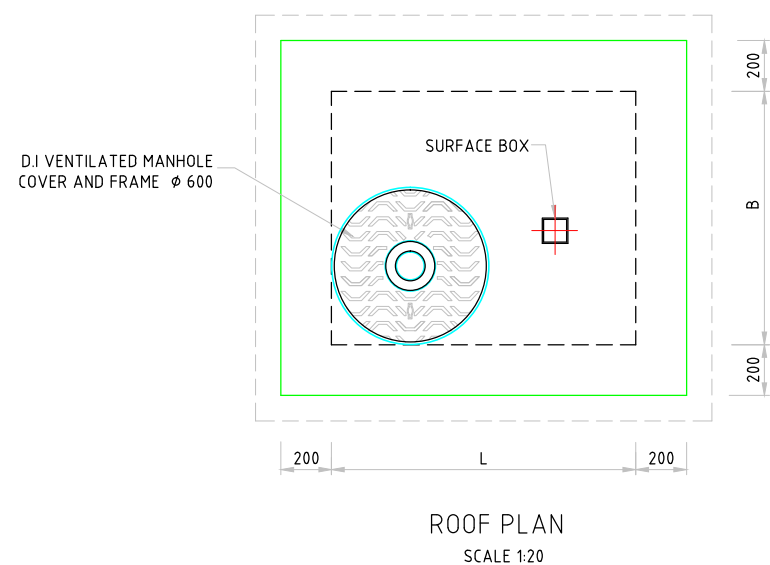
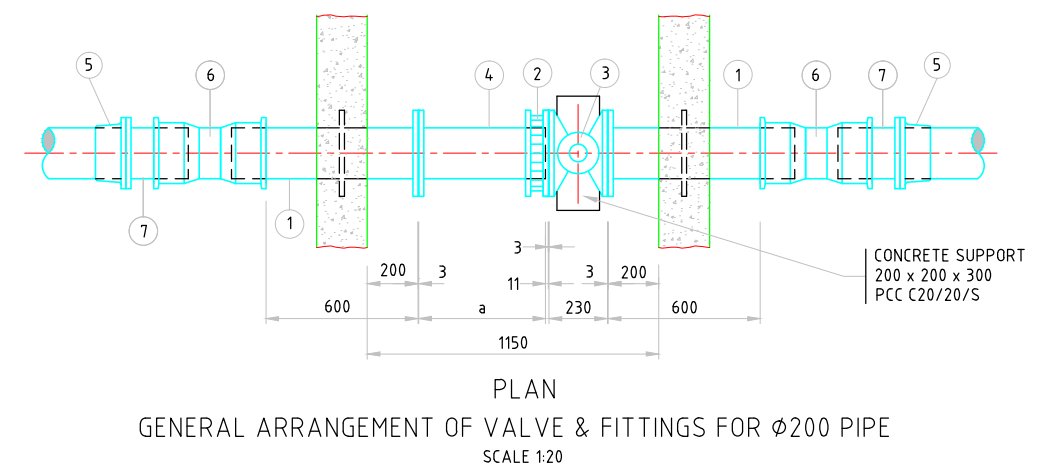
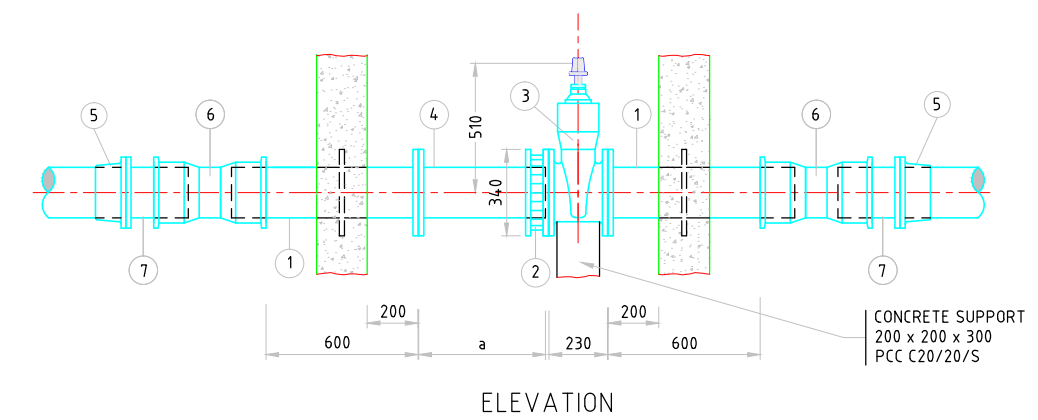
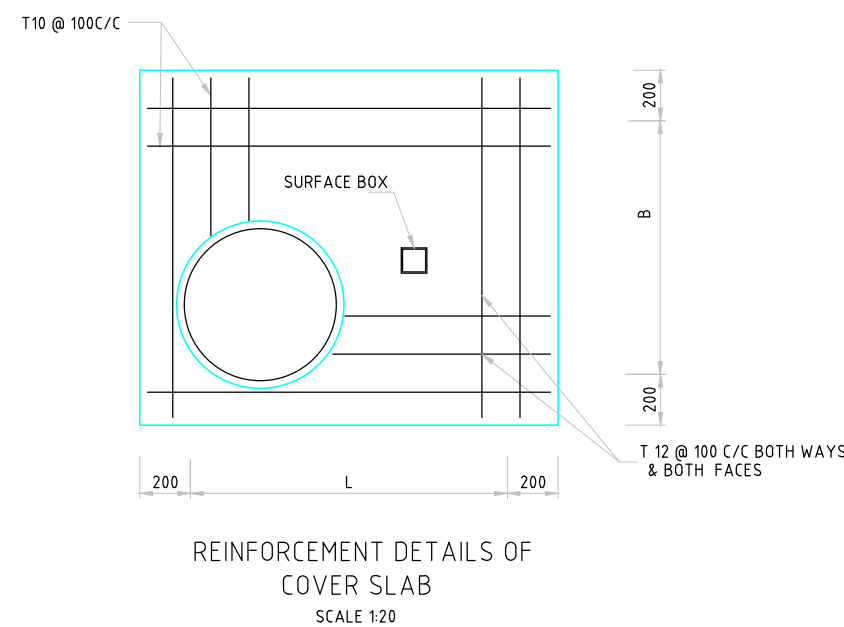
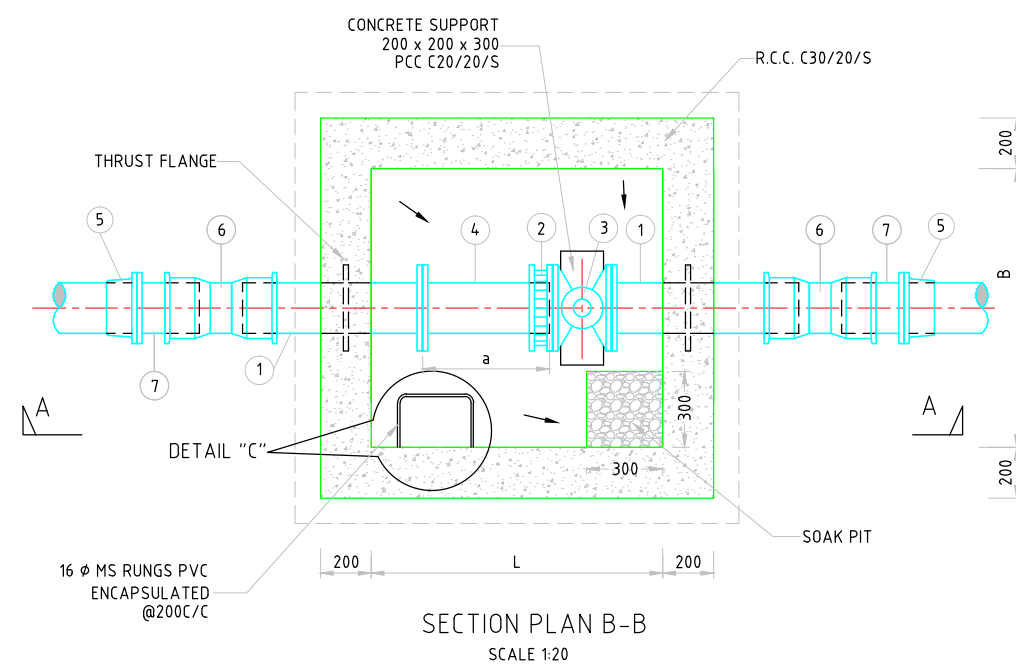


DIMENSIONS OF VALVE CHAMBER

| 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 ADAPTOR | 2 |
| 6 | DI COLLAR | 2 |
| 7 | DI SHORT LENGTH FLANGED SPIGOT PIECE | 2 |



DETAIL - C
T16 MS RUNGS PVC ENCAPSULATED
SCALE 1:10

- NOTES:
- 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
C 30 / 20 / S
Compressive strength of concrete
Sulphate resistant cement
Maximum size of aggregate

- 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. | DATE | DESCRIPTION | DRG. No. | DESCRIPTION |
|----------|------|-------------|--------------------|-------------|
| REVISION | | | REFERENCE DRAWINGS | |

| | | | | |
|--|------------------|---|--------------|---------------|
| CLIENT MINISTRY OF ENVIRONMENT AND ENERGY MALE REPUBLIC OF MALDIVES | | | | |
| PROJECT CONSULTANCY SERVICES FOR SURVEY, DESIGN OF WATER SUPPLY FACILITIES IN THE ISLAND HDH. NOLHIVARANFARU, MALDIVES | | | | |
| TITLE TYPICAL DRAWING OF SLUICE VALVE CHAMBER | | | | |
| DESIGNED BY SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA In Association With DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES | | | | |
| APPROVED SSS | CHECKED SSS | DESIGNED RKC | DRAWN VPT | REVISION 0 |
| SCALE AS SHOWN | DATE NOV 2017 | DRAWING No. HDh.Nolhivaranfaru/WS/09 | | |