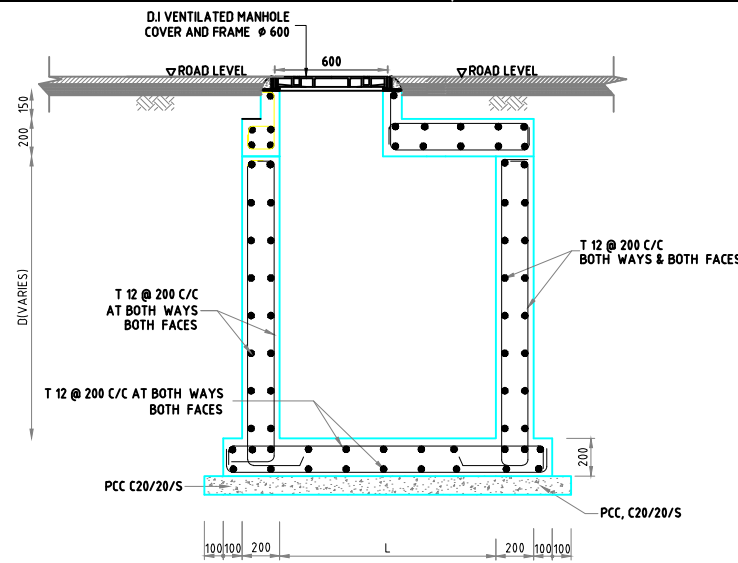


SECTION A-A
SCALE 1:20



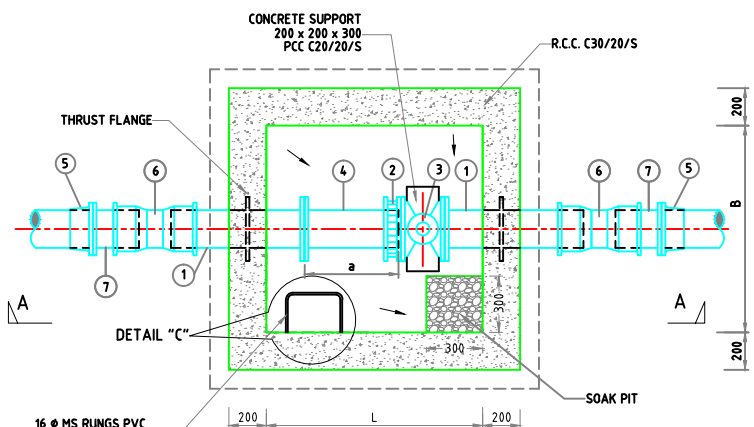
REINFORCEMENT DETAILS AT SECTION A-A
SCALE 1:20

DIMENSIONS OF VALVE CHAMBER

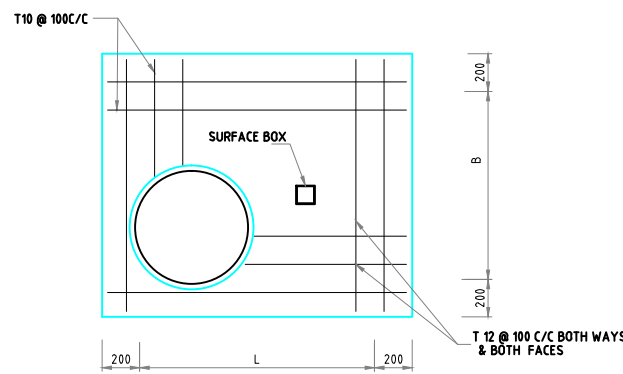
DIA OF PIPE (D)	L	B	a
200	1150	1100	500
250	1600	1200	250

SCHEDULE OF SPECIALS AND FITTINGS

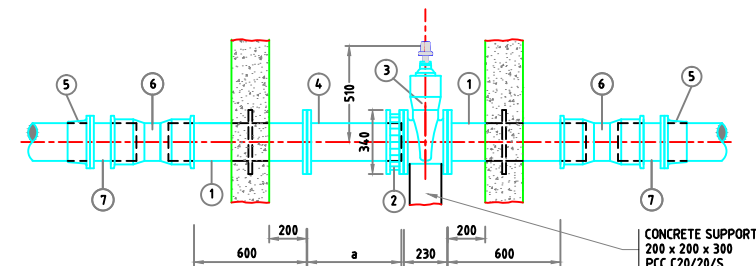
ITEM	SPECIALS AND FITTINGS	QTY
1	DI FLANGED SPIGOT PIPE WITH WELDED THRUST FLANGE	2
2	FLANGE ADAPTOR	1
3	DI GATE VALVE	1
4	DI FLANGED-SPIGOT PIECE	1
5	DI/PE ADOPTOR	2
6	DI COLLAR	2
7	DI SHORT LENGTH FLANGED SPIGOT PIECE	2



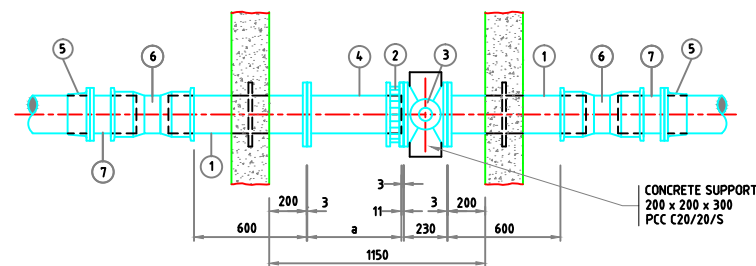
SECTION PLAN B-B
SCALE 1:20



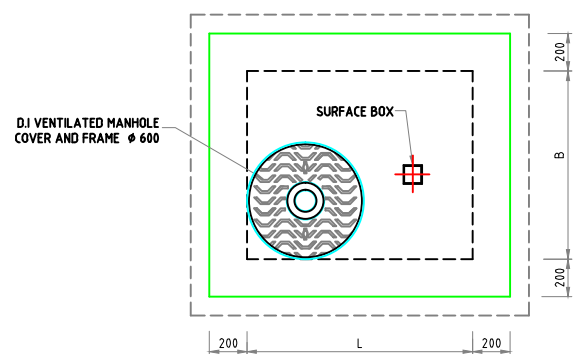
REINFORCEMENT DETAILS OF COVER SLAB
SCALE 1:20



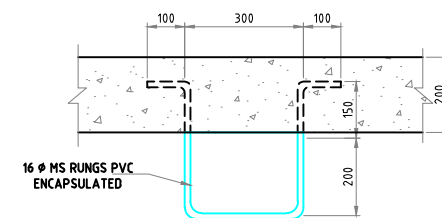
ELEVATION



PLAN
GENERAL ARRANGEMENT OF VALVE & FITTINGS FOR Ø200 PIPE
SCALE 1:20



ROOF PLAN
SCALE 1:20



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
Compressive strength of concrete C 30 / 20 / S
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	

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