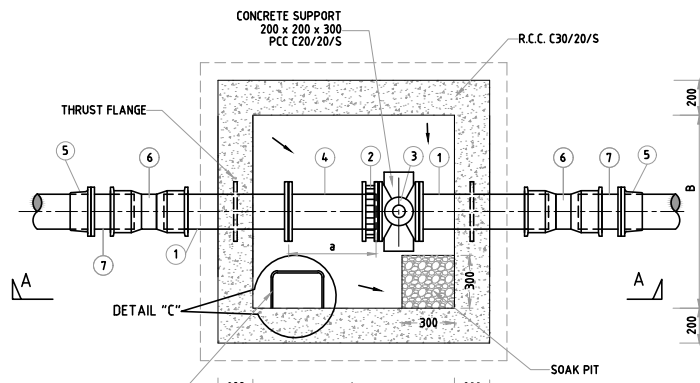
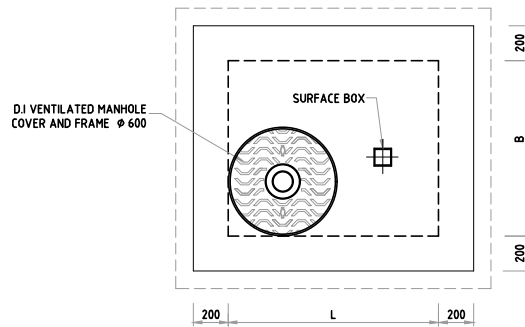


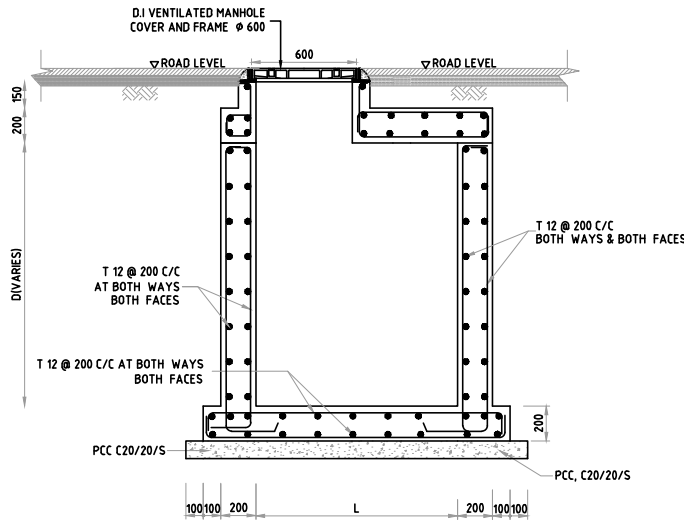
SECTION A-A
SCALE 1:20



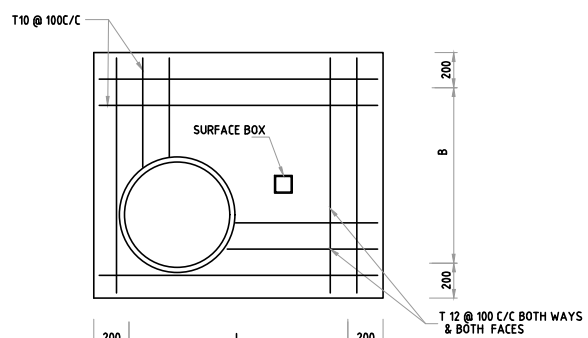
SECTION PLAN B-B
SCALE 1:20



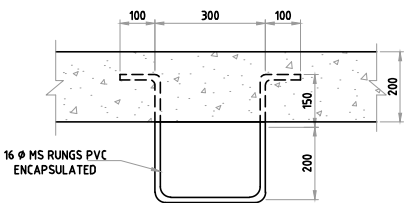
ROOF PLAN
SCALE 1:20



REINFORCEMENT DETAILS AT SECTION A-A
SCALE 1:20



REINFORCEMENT DETAILS OF COVER SLAB
SCALE 1:20



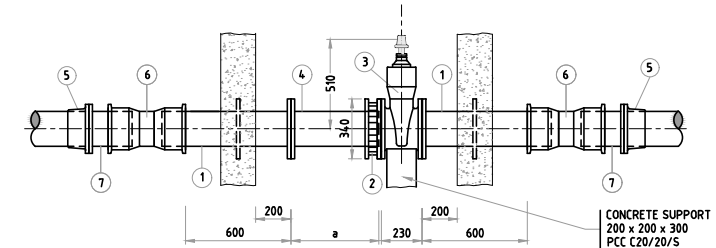
DETAIL - C
T16 MS RUNGS PVC ENCAPSULATED
SCALE 1:10

DIMENSIONS OF VALVE CHAMBER

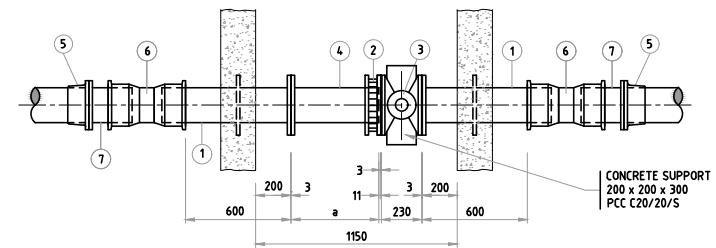
DIA OF PIPE (D)	L	B	a
200	1150	1100	500
250	1600	1200	250

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



ELEVATION




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

- 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		TENDER PURPOSE		
 MINISTRY OF ENVIRONMENT AND ENERGY MALE 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. KANDOODHOO, TH. KINHDHOO, TH. DHYAMGILI, M. RAYMANDHOO, M. VEYVAH, M. NAALAFUSHI, MALDIVES (PACKAGE - 4)				
DRAWING TITLE				
STANDARD DRAWING OF SLUICE VALVE CHAMBER				
APPROVED		CREATED	DESIGNED	DRAWN
SSS		SSS	SPP	PDP
SCALE	DATE	DRAWING NUMBER		REVISION
AS SHOWN	FEB 2018	WS/STD/03		0

TENDER PURPOSE