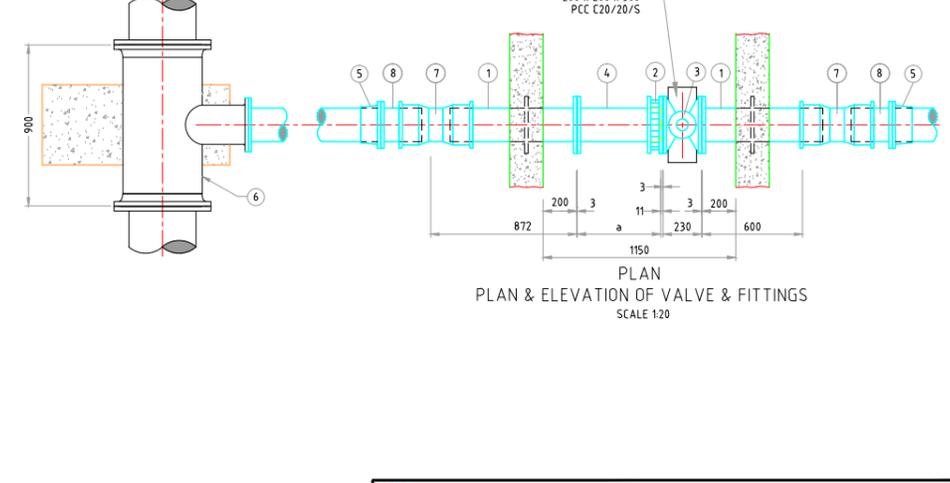
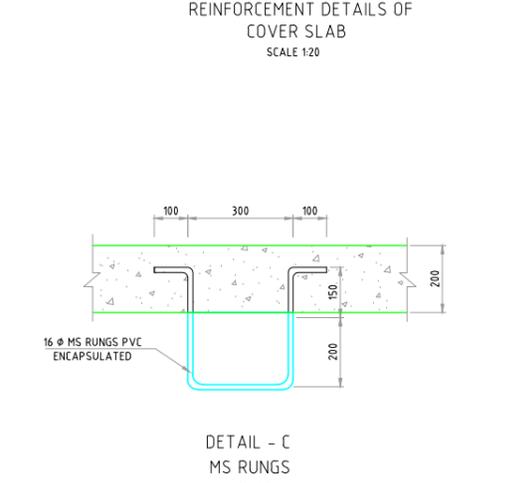
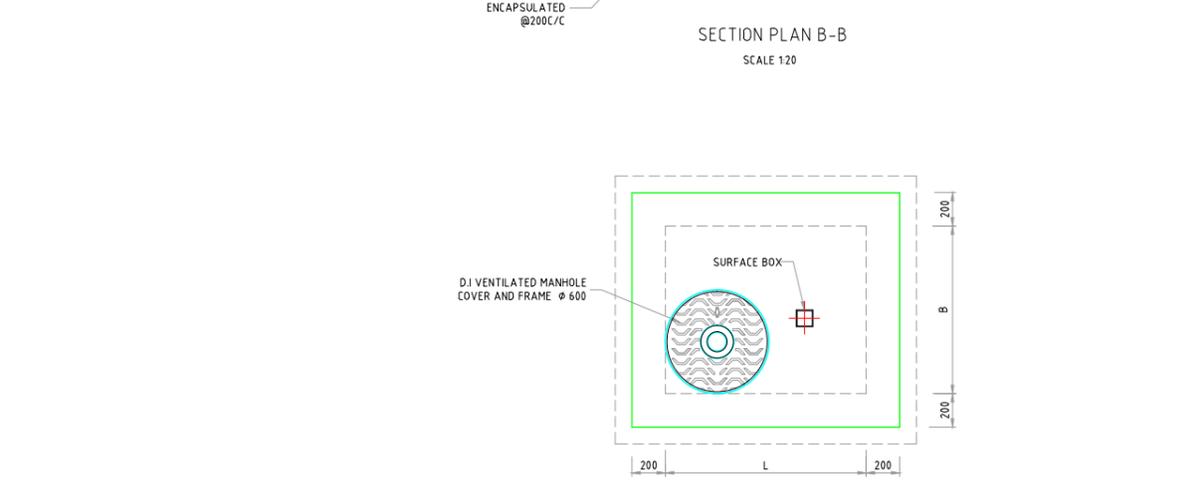
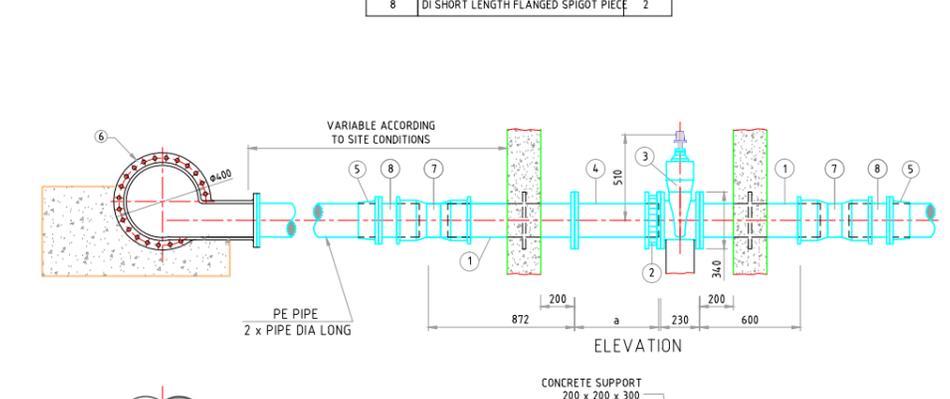
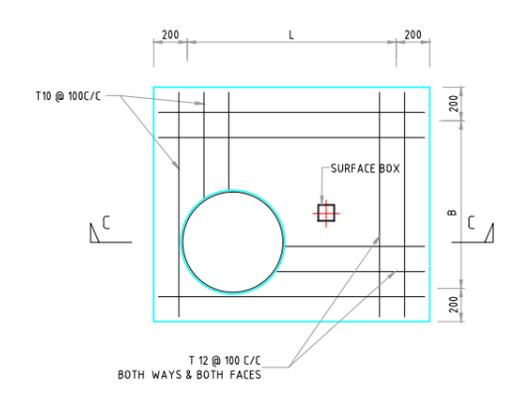
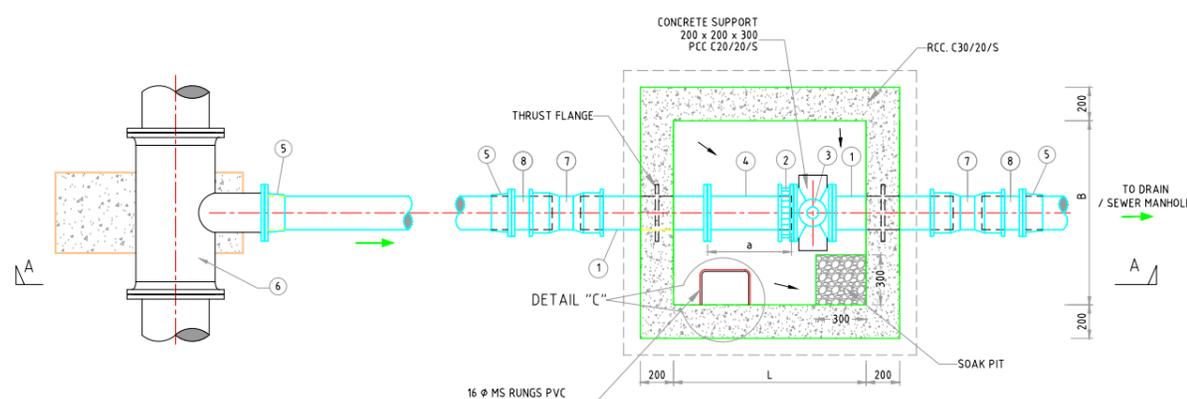


DIMENSIONS OF VALVE CHAMBER

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	ALL FLANGED LEVEL SCOUR TEE	1
7	DI COLLAR	2
8	DI SHORT LENGTH FLANGED SPIGOT PIECE	2



**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 SHOULD 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	SULPHATE RESISTANT CEMENT	MAXIMUM SIZE OF AGGREGATE
C 30 / 20 / S		

**8. CONCRETE:**

- MIXES SHALL COMPLY WITH BS 8110
- 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  
MALDIVES REPUBLIC OF MALDIVES

**PROJECT**  
CONSULTANCY SERVICES FOR SURVEY, DESIGN OF WATER SUPPLY FACILITIES IN THE ISLAND SH. FOAKAIDHOO, MALDIVES

**TITLE**  
TYPICAL DRAWING OF SCOUR VALVE CHAMBER

**PREPARED BY**  
SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA  
In Association With  
DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES

APPROVED	CHECKED	DESIGNED	DRAWN
SSS	SSS	RKC	SSN

**SCALE** AS SHOWN  
**DATE** APRIL 2017  
**DRAWING No.** Sh. Foakaidhoo/WS/10  
**REVISION** 0