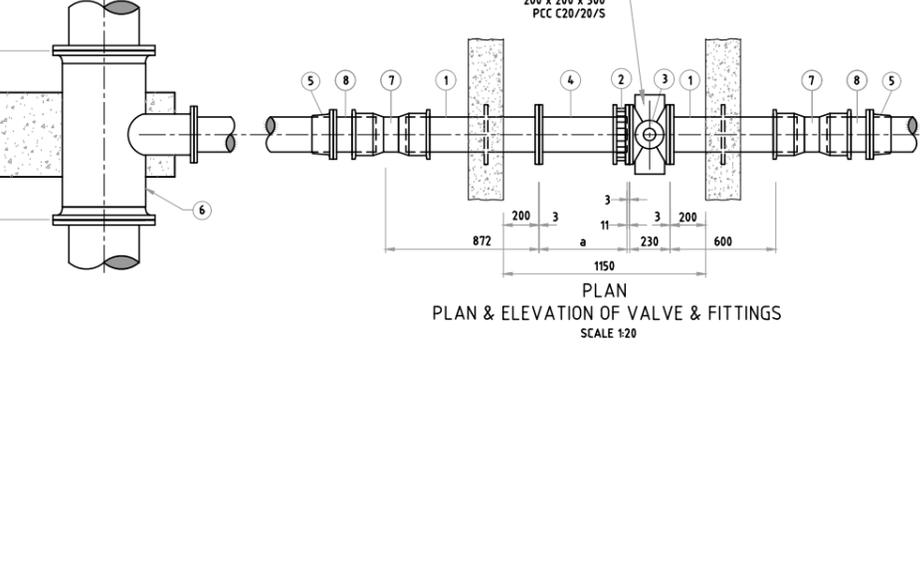
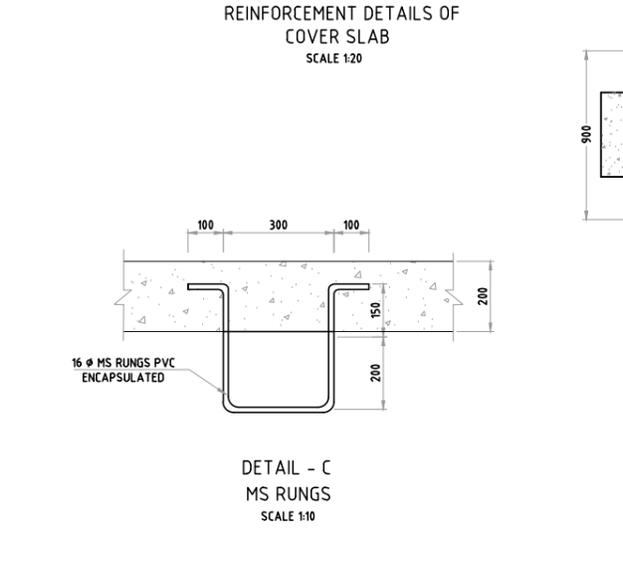
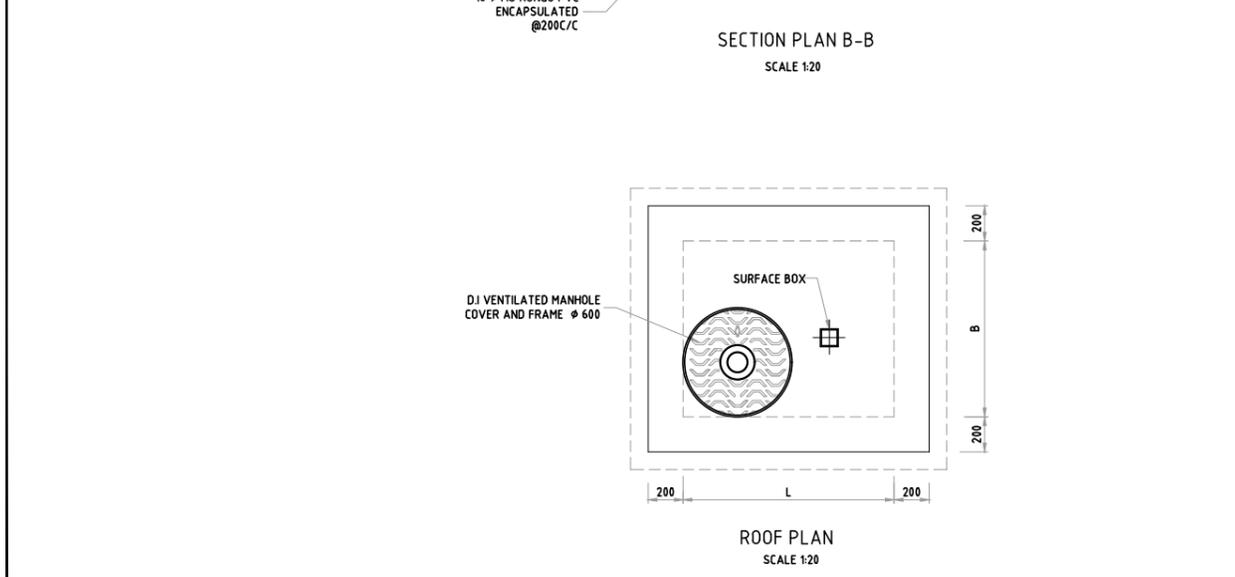
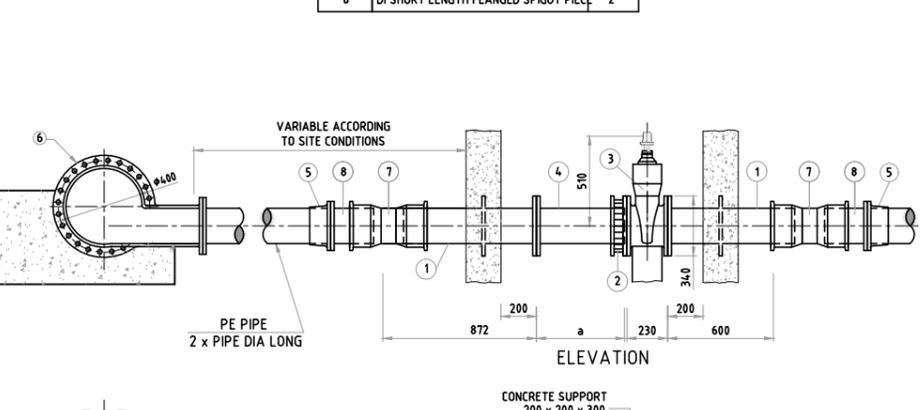
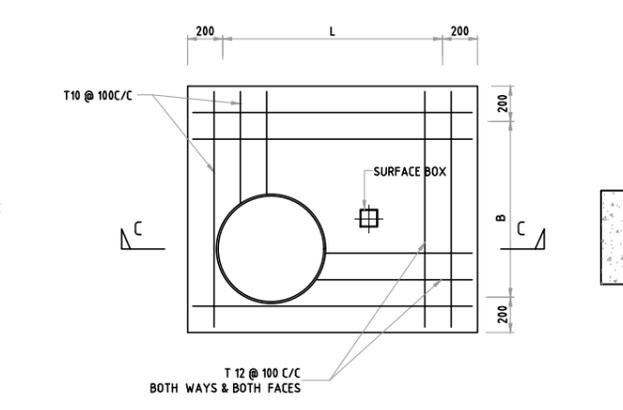
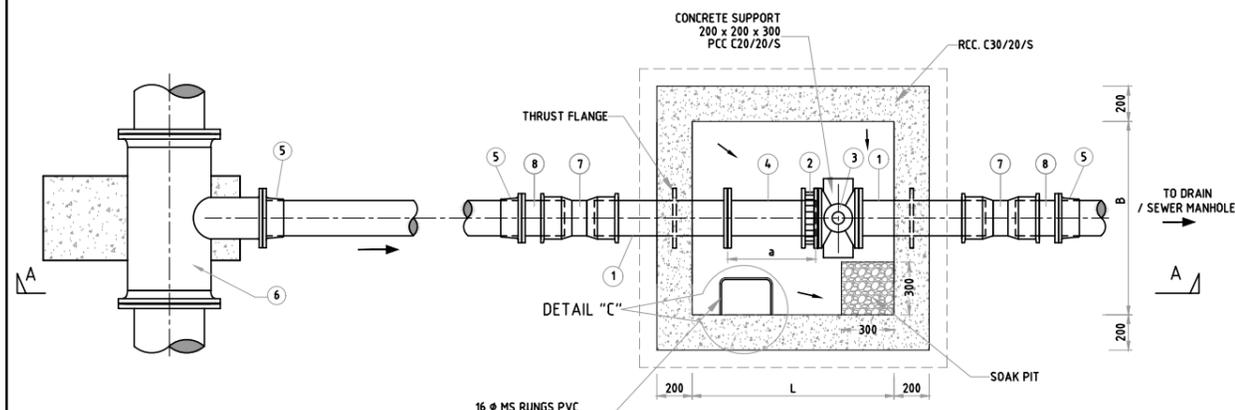


DIMENSIONS OF VALVE CHAMBER

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



1. ALL DIMENSIONS ARE IN MM
 2. FOR LOCATION AND DEPTHS OF GATE VALVE CHAMBER REFER TO DRAWINGS OF PIPELINE PLANS AND PROFILES.
 3. THE SPECIALS AND PIPE FITTINGS SHALL BE SELECTED TO SUIT THE SUPPLY PIPE LINE
 4. ALL THE VALVES, SPECIALS AND PIPES INSIDE THE CHAMBER SHOULD BE OF DUCTILE IRON
 5. GATE VALVE SHALL COMPLY WITH BS 5150
 6. DI PIPE & FITTING SHALL COMPLY WITH BS 4772
 7. BUILDING MATERIALS:-
 DESCRIPTION OF BUILDING MATERIALS IS AS FOLLOWS
 C 30 / 20 / 5
 COMPRESSIVE STRENGTH OF CONCRETE SULPHATE RESISTANT CEMENT
 MAXIMUM SIZE OF AGGREGATE

8. CONCRETE:
 A. MIXES SHALL COMPLY WITH BS 8110
 B. MINIMUM 28 DAY CHARACTERISTIC STRENGTH IN ACCORDANCE WITH BS 8110
 9. COVER TO REINFORCEMENT TO BE 50MM,
 10. THE STEEL USED SHALL BE OF FY 350 GRADE.
 11. THE TANKING SHALL BE WITH TWO LAYERS OF BITUMINOUS PAINT FOR EXTERNAL SURFACES OF VALVE CHAMBER
 12. GATE VALVE CHAMBER TO BE PROVIDED FOR PIPE DIA 200 TO 300 MM
 13. MH COVER SHOULD COMPLY TO BS EN 124 CLASS D4/00

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

REVISION			
No.	DESCRIPTION	BY	DATE

CONSULTANT: **SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA**
 IN ASSOCIATION WITH **DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES**

CLIENT: **MINISTRY OF ENVIRONMENT AND ENERGY**
 MALE, REPUBLIC OF MALDIVES

PROJECT: **PROVISION OF RAINWATER HARVESTING SYSTEM IN 10 ISLANDS**

ASSIGNMENT: **CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN SH. NOOMARA, SH. BILEHFAHL, SH. FEYDHOO, SH. FEVVAH, SH. NARUDHOO, SH. LHAIMAGU, SH. FUNADHOO, N. HENBADHOO, N. LHOHI, N. MAGODHOO, MALDIVES [PACKAGE - 2]**

DRAWING TITLE: **STANDARD DRAWING OF SCOUR VALVE CHAMBER**

APPROVED: **SSS** CHECKED: **SSS** DESIGNED: **SPP** DRAWN: **PDP**

SCALE: **AS SHOWN** DATE: **FEB 2018** DRAWING NUMBER: **WS/STD/04** REVISION: **0**

TENDER PURPOSE