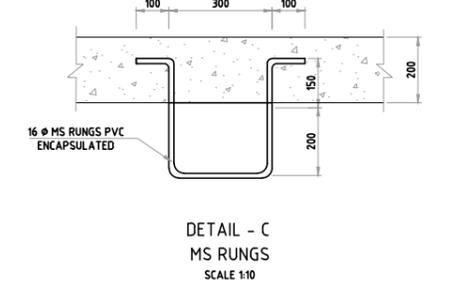
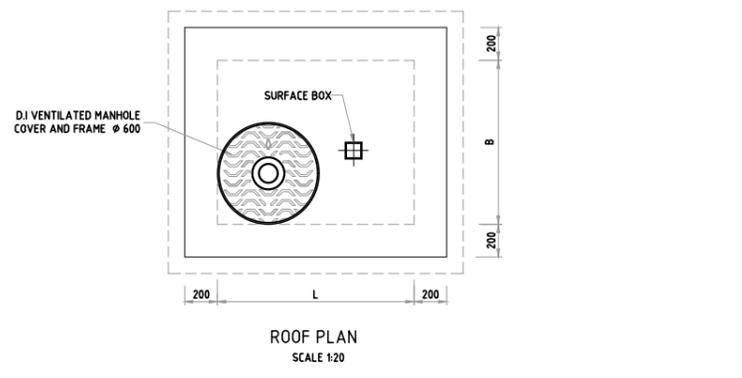
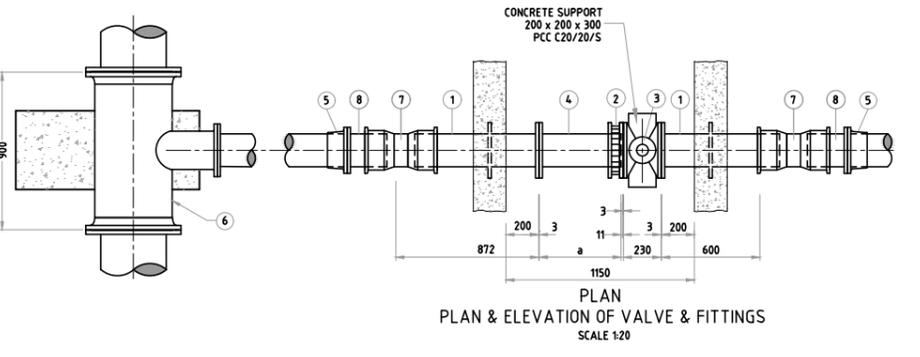
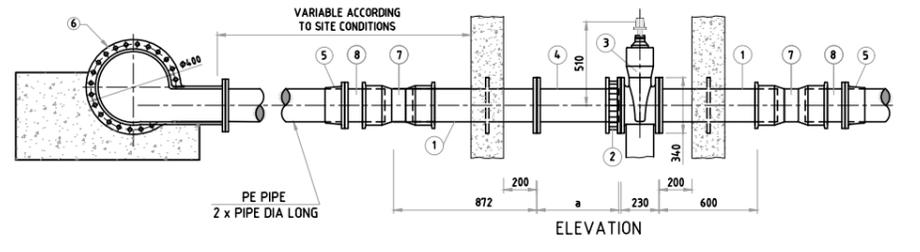
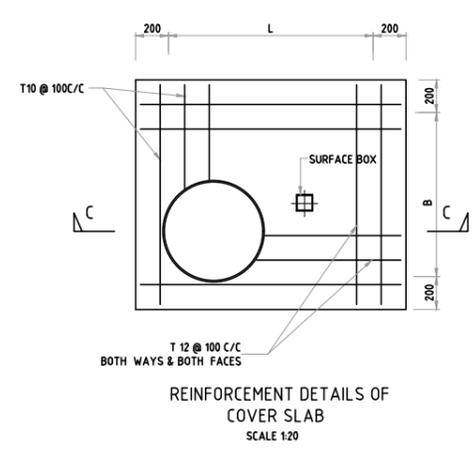
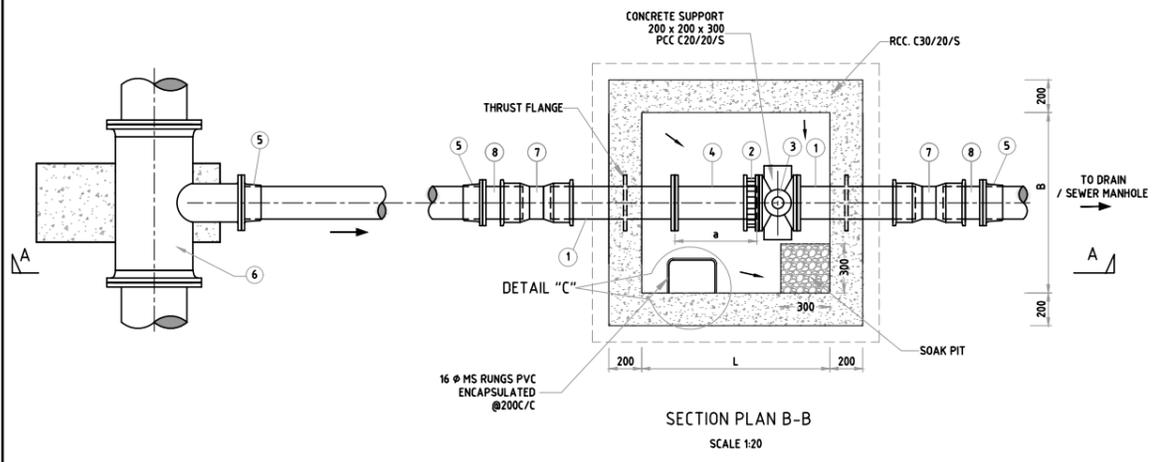


**DIMENSIONS OF VALVE CHAMBER**

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



- 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  
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 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				
MINISTRY OF ENVIRONMENT AND ENERGY MALDIVES 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. OMAADHOO, TH. KANDOOBHOO, TH. KINBIDHOO, TH. DHIYAMGILI, M. RAYMANBHOO, M. VEYVARI, M. NAALAFUSHI, MALDIVES (PACKAGE -4)				
DRAWING TITLE				
STANDARD DRAWING OF SCOUR VALVE CHAMBER				
APPROVED	CHECKED	DESIGNED	DRAWN	
SSS	SSS	SPP	PDP	
SCALE	DATE	DRAWING NUMBER	REVISION	
AS SHOWN	FEB 2018	WS/STD/04	0	

TENDER PURPOSE