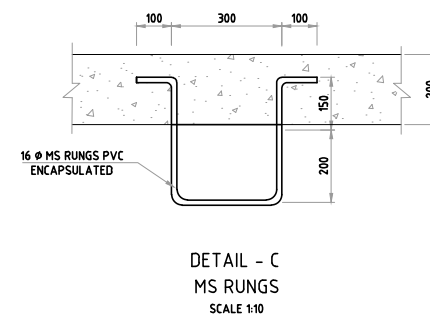
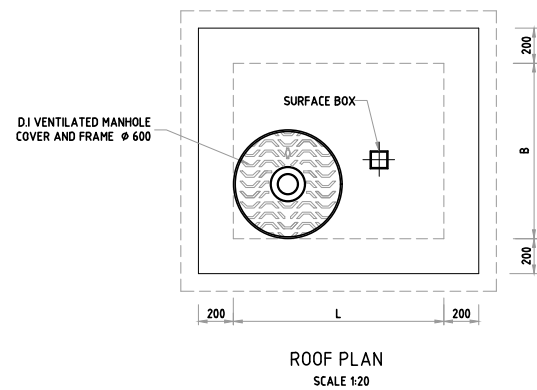
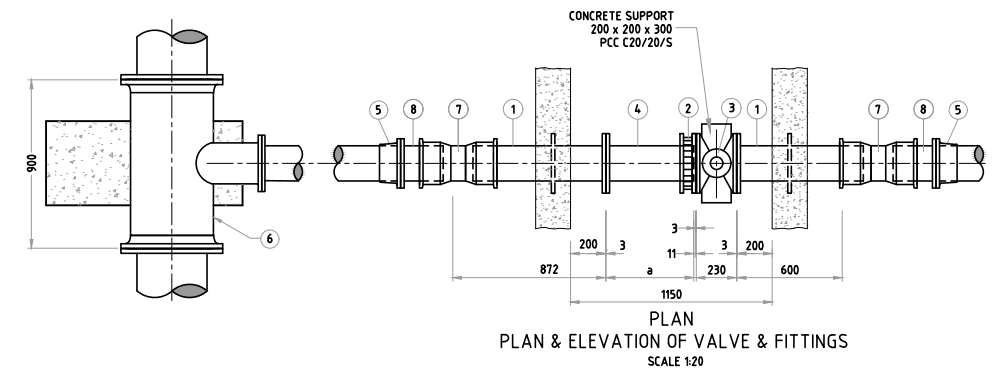
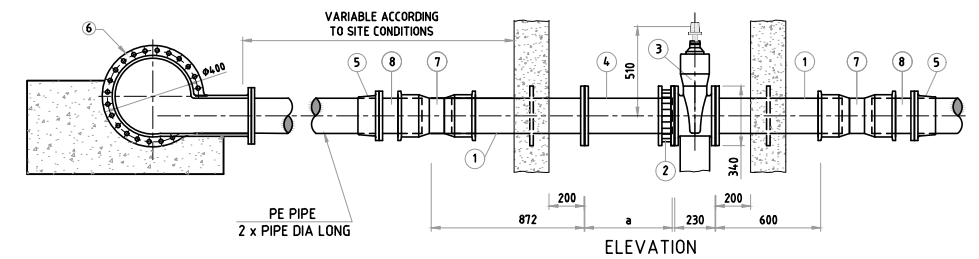
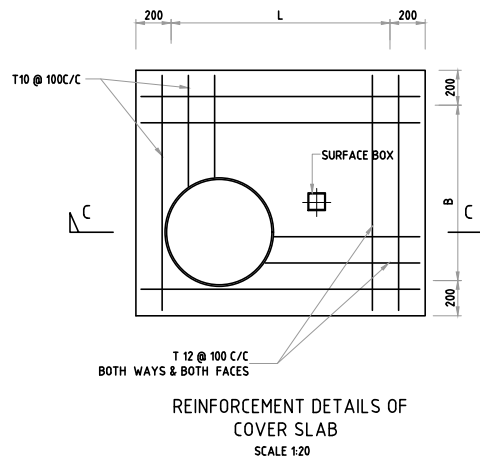
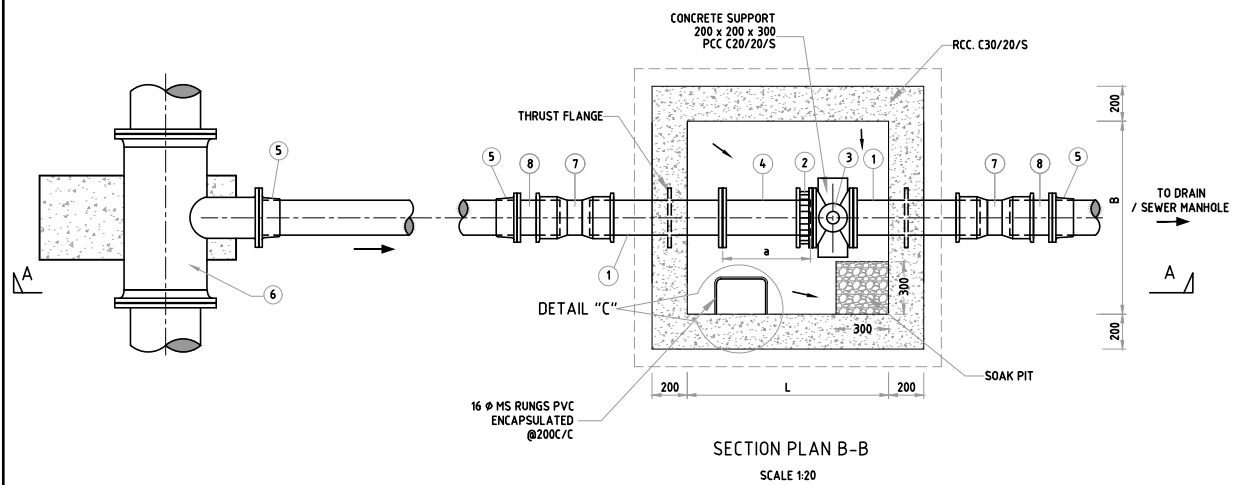


DIMENSIONS OF VALVE CHAMBER

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



TENDER PURPOSE

- 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 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

				CLIENT MINISTRY OF ENVIRONMENT AND ENERGY MALE' REPUBLIC OF MALDIVES			
				PROJECT PROVISION OF RAINWATER HARVESTING SYSTEM IN 8 ISLANDS			
				ASSIGNMENT CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN GA. NILANDHOO, GA. MAAMENDHOO, GA. KONDEY, GDH. NADDELLA, GDH. WOADEHDHOO, GDH. FIYOARI, GDH. RATHAFANDHOO, GDH. FAREMAATHODAA, MALDIVES [PACKAGE - 5]			
				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