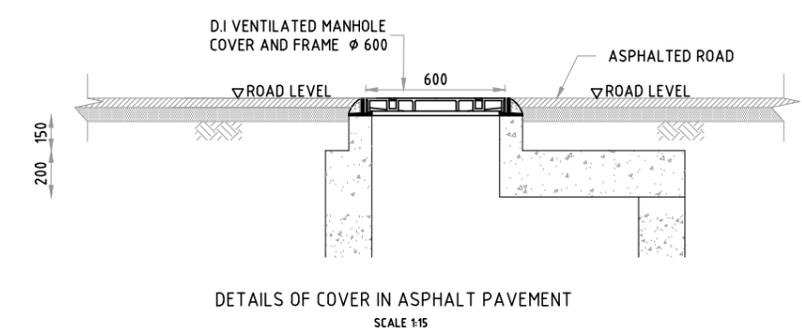
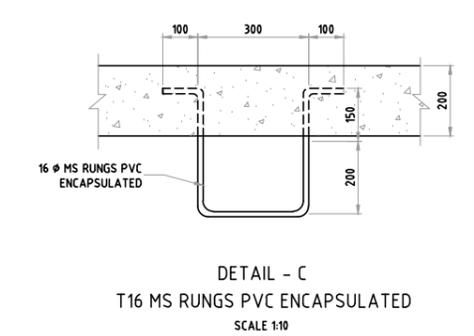
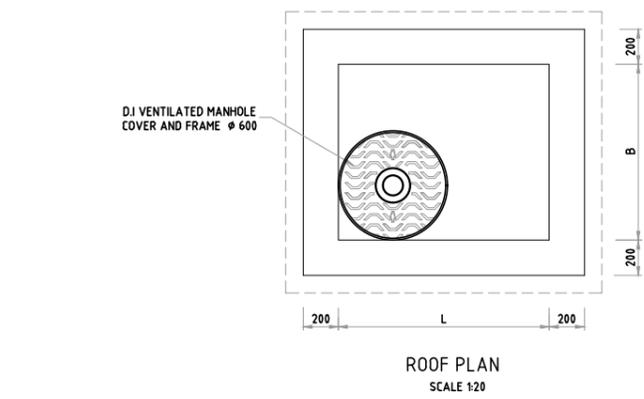
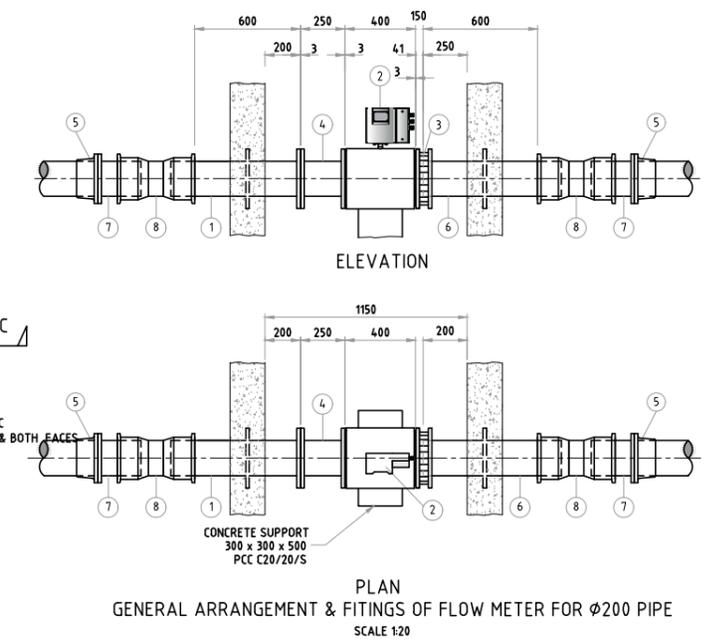
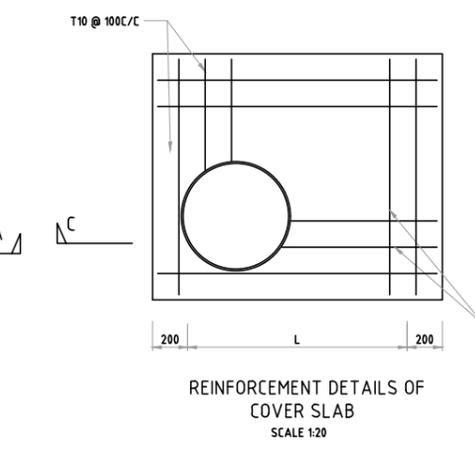
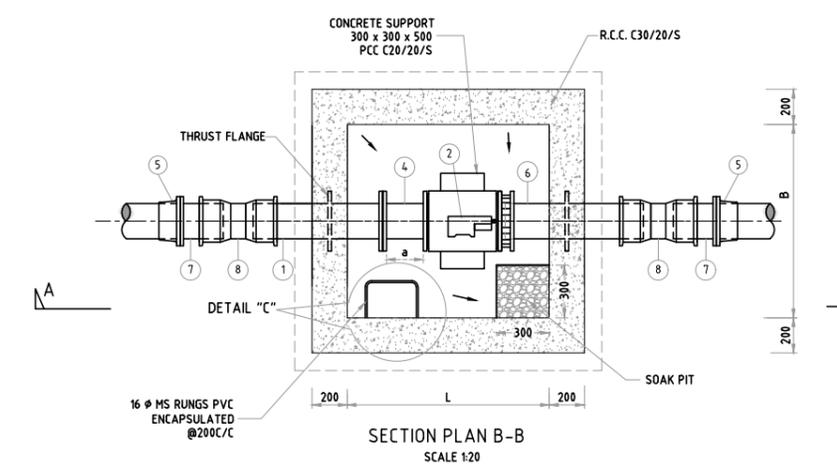


SCHEDULE OF SPECIALS AND FITTINGS

ITEM	SPECIALS AND FITTINGS	QTY
1	DI - SPIGOT PIPE WITH WELDED THRUST FLANGE	1
2	FLOW METER	1
3	FLANGED ADAPTOR	1
4	DI FLANGED-SPIGOT PIECE	1
5	DI/PE ADAPTOR	2
6	DI FLANGED SPIGOT PIPE WITH WELDED PUDDLE FLANGE	1
7	DI SHORT LENGTH FLANGED SPIGOT PIECE	2
8	DI COLLAR	2

DIMENSIONS OF VALVE CHAMBER

Dia of Pipe (d)	L	B	a
80-200	1200	1200	250
250	1450	1250	425
300	1750	1300	650
350	2000	1350	875
400	2300	1400	1100
450	2500	1450	1325
500	2850	1500	1575



- 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
- Flow meter 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
Compressive strength of concrete	maximum size of aggregate

- 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 LEEL.
MS	- MILD STEEL.
DI	- DUCTILE IRON.
PE	- POLY ETHYLENE
RCC	-REINFORCED CEMENT CONCRETE
PCC	- PLAIN CEMENT CONCRETE

REVISION

No.	DESCRIPTION	BY	DATE	APPR.

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

TENDER PURPOSE

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. BILEH AH, SH. FEYDHOO, SH. FEVAH, SH. NARUDHOO, SH. LHAIMAGU, SH. FUNADHOO, N. HENBADHOO, N. LHOHL N. MAGOODHOO, MALDIVES [PACKAGE - 2]
DRAWING TITLE	STANDARD DRAWING OF BULK FLOW METER CHAMBER
APPROVED	SSS CHECKED SSS DESIGNED SPP DRAWN PDP
SCALE	AS SHOWN
DATE	FEB 2018
DRAWING NUMBER	WS/STD/01
REVISION	0