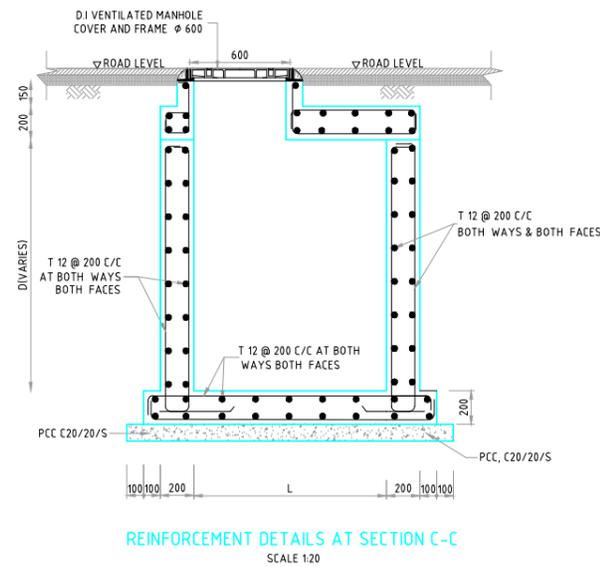


SECTION A-A
SCALE 1:20



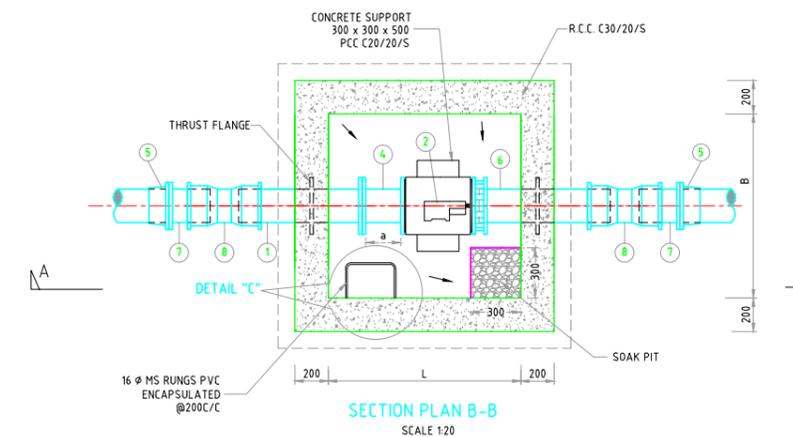
REINFORCEMENT DETAILS AT SECTION C-C
SCALE 1:20

SCHEDULE OF SPECIALS AND FITTINGS

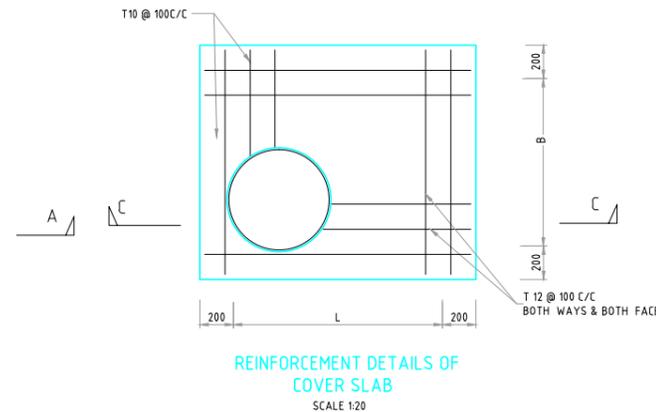
ITEM	SPECIALS AND FITTINGS	QTY
1	DI - SPIGOT PIPE WITH WELDED THRUST FLANGE	1
2	FLOW METER	1
3	FLANGED ADAPTOR	1
4	DI FLANGED-SPIGOT PIECE	1
5	DI/PE ADAPTOR	2
6	DI FLANGED SPIGOT PIPE WITH WELDED PUDDLE FLANGE	1
7	DI SHORT LENGTH FLANGED SPIGOT PIECE	2
8	DI COLLAR	2

DIMENSIONS OF VALVE CHAMBER

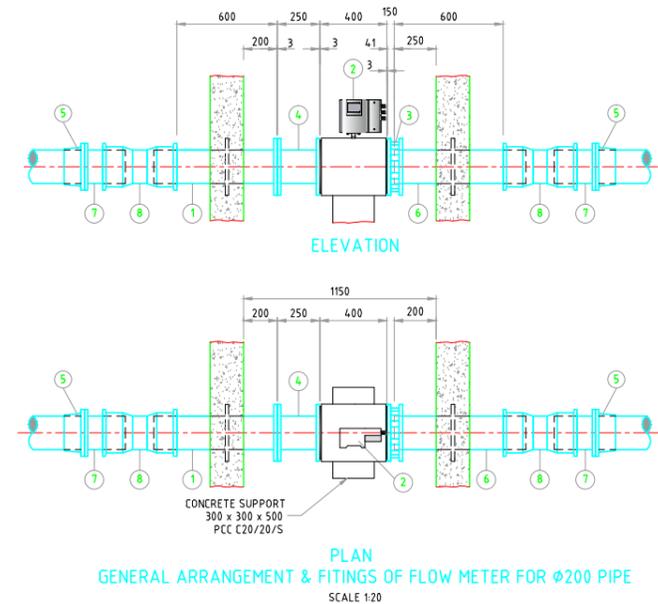
Dia of Pipe (d)	L	B	a
80-200	1200	1200	250
250	1450	1250	425
300	1750	1300	650
350	2000	1350	875
400	2300	1400	1100
450	2500	1450	1325
500	2850	1500	1575



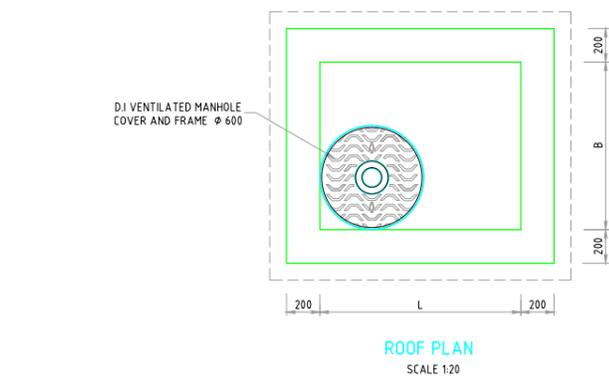
SECTION PLAN B-B
SCALE 1:20



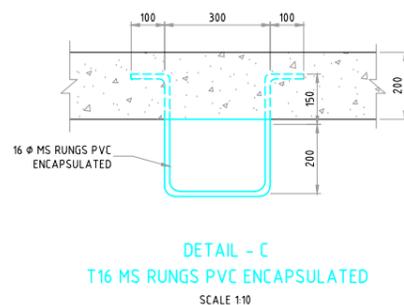
REINFORCEMENT DETAILS OF COVER SLAB
SCALE 1:20



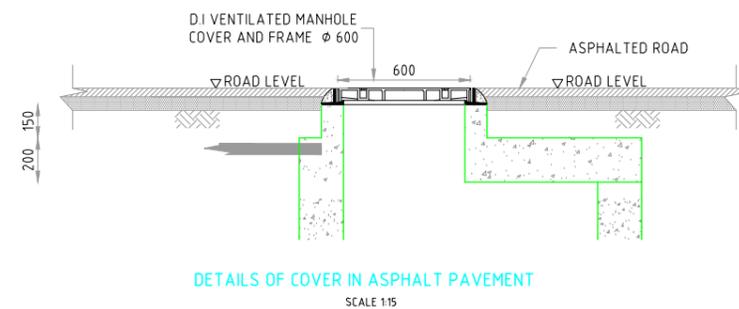
GENERAL ARRANGEMENT & FITTINGS OF FLOW METER FOR Ø200 PIPE
SCALE 1:20



ROOF PLAN
SCALE 1:20



DETAIL - C
SCALE 1:10



DETAILS OF COVER IN ASPHALT PAVEMENT
SCALE 1:15

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.
- Flow meter 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 \uparrow C 30 / 20 / S \uparrow Sulphate resistant cement
maximum size of aggregate

ABBREVIATIONS

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

- 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

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 WATER METER CHAMBER**

DESIGNED 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/07 REVISION: 0