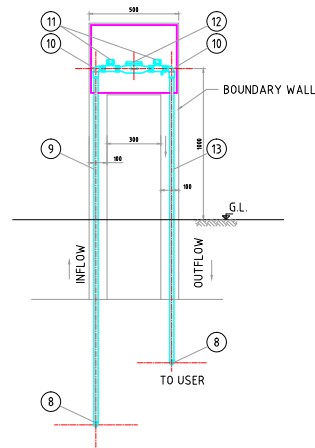
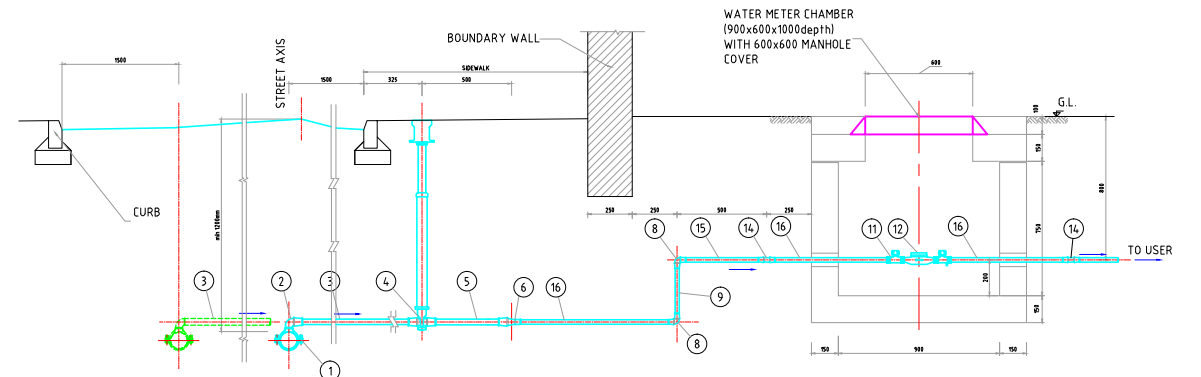


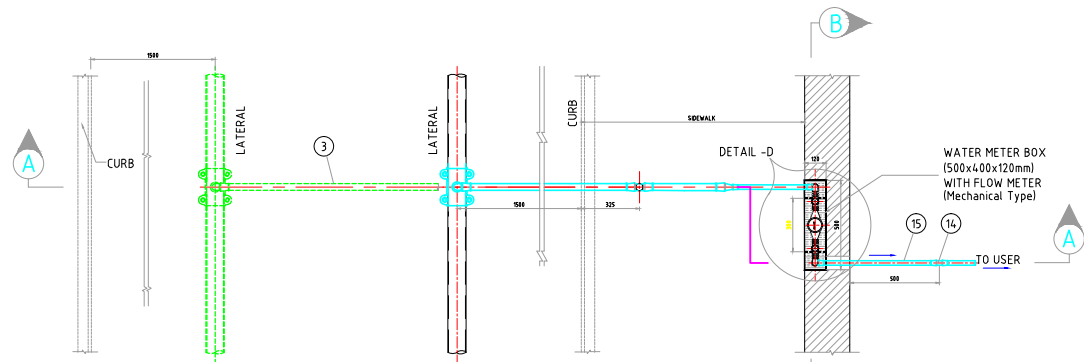
SECTION A - A  
SCALE 1:20



SECTION B - B  
SCALE 1:20

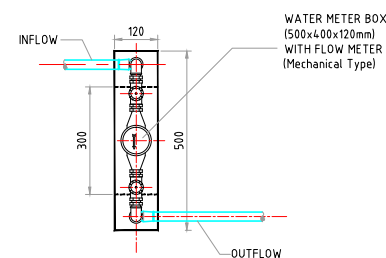


SECTION C - C  
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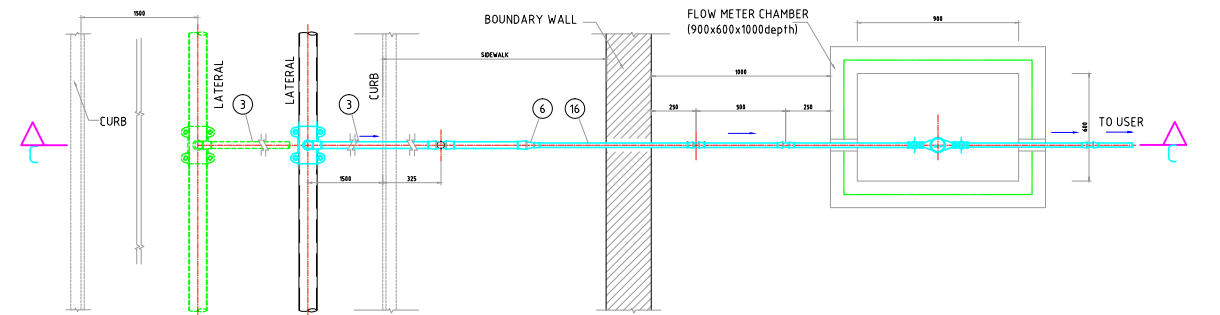


PLAN  
SCALE 1:20

SINGLE HOUSE CONNECTION WITH WATER METER BOX

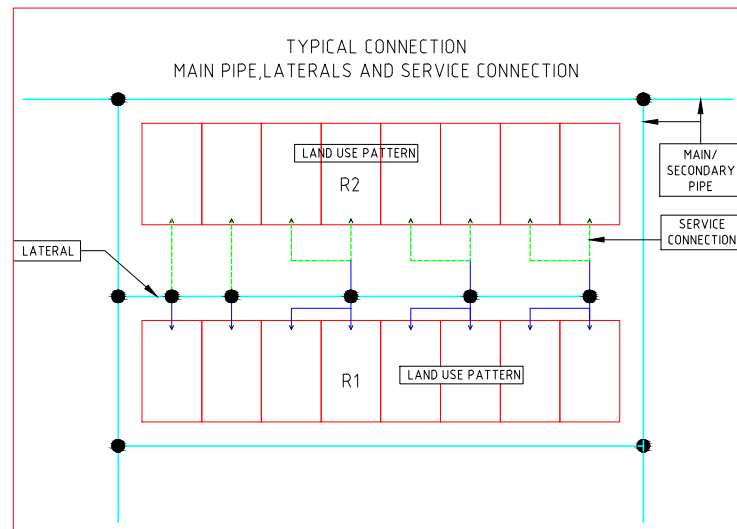


DETAIL - D  
SCALE 1:10



PLAN  
SCALE 1:20

SINGLE HOUSE CONNECTION WITH WATER METER CHAMBER



SERVICE CONNECTION TYPE

I. HOUSE CONNECTION													
ITEM	DESCRIPTION	LSC -40/25		LSC -50/32		LSC -63/40		LSC -63/32		LSC -75/63		LSC -75/75	
		DIA	QUALITY	DIA	QUALITY	DIA	QUALITY	DIA	QUALITY	DIA	QUALITY	DIA	QUALITY
1	UNIVERSAL PIPE SADDLE	40	1	50	1	63	1	63	1	75	1	75	1
2	ELBOW 90°	40	1	50	1	63	1	63	1	75	1	75	1
3	PE PIPE	32	--	32	--	40	--	40	--	63	--	75	--
4	SERVICE VALVE FOR PE PIPES, COMPLETE WITH TELESCOPIC EXTENSION SPINDLE AND HEAVY BOX	32	1	32	1	40	1	32	1	63	1	75	1
5	PE PIPE	32	--	32	--	40	1	32	--	63	--	75	--
6	REDUCER	32/25	1	--	--	40/32	1	40/32	1	--	--	--	--
II. WATER METER													
1	PE PIPE	25	--	32	--	40	--	32	--	63	--	75	--
2	ELBOW 90°	25	2	32	2	40	2	32	2	63	2	75	2
3	PE PIPE	25	--	32	--	40	--	32	--	63	--	75	--
4	ELBOW 90° WITH MALE THREAD	25	2	32	2	40	2	32	2	63	2	75	2
5	WATER METER CONSOLE WITH 2 FEMALE THREADS GM VALVES, WITH INTEGRAL BACK FLOW PREVENTOR & DRAINAGE PLUG	25	1	32	1	40	1	32	1	63	1	75	1
6	WATER METER	25	1	32	1	40	1	32	1	63	1	75	1
7	PE PIPE	25	--	32	--	40	--	32	--	63	--	75	--
8	CONNECTOR	25	2	32	2	40	2	32	2	63	2	75	2
9	PE PIPE	25	--	32	--	40	--	32	--	63	--	75	--
III. WATER METER CHAMBER													
1	PE PIPE	25	--	32	--	40	--	32	--	63	--	75	--

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS.
  - FOR LOCATION AND DEPTHS OF HOUSE CONNECTIONS REFER TO DISTRIBUTION PROFILE DRAWINGS
  - DIMENSIONS ARE INDICATIVE ONLY & ARE TO BE CONFORTED BY VENDOR PLAN.
  - THE LENGTH OF THE PIPES ARE VARIABLE, DEPENDS ON PROPERTY BOUNDARY
  - PROVISION OF FLOW METER CHAMBER & FLOW METER BOX IS THE RESPONSIBILITY OF USERS
  - SPECIALS & PIPE FITTINGS SHALL BE SELECTED TO SUIT THE PIPE LINES
  - LIMIT OF CONTRACTOR SCOPE IS UP TO WATER METER BOX
  - THE WATER METER IS OF ELECTROMAGNETIC TYPE
  - PE PIPE AND FITTINGS SHALL COMPLY WITH BS 3284 / DIN 8074 - 8075

**ABBREVIATIONS:**  
OD - OUTER DIAMETER  
MIN - MINIMUM  
GL - GROUND LEVEL  
PE - POLY ETHYLENE

- \*, THE LENGTH OF LATERAL AS PER SITE CONDITION ,
- \*, SERVICE CONNECTION TABLE IS WORKED FOR TYPICAL CONDITION, HOWEVER LATERAL DIAMETER SHOULD BE CALCULATED BASED ON WATER DEMAND AT TIME OF EXECUTION.
- \*, TYPE LSC-40/25 LATERAL PIPE - 40 mm AND SERVICE PIPE 25 mm.
- \*, TYPE LSC-50/32 LATERAL PIPE - 50 mm AND SERVICE PIPE 32 mm.
- \*, TYPE LSC-63/40 LATERAL PIPE - 63 mm AND SERVICE PIPE 40 mm.
- \*, TYPE LSC-75/63 LATERAL PIPE - 75 mm AND SERVICE PIPE 63 mm.
- \*, TYPE LSC-75/75 LATERAL PIPE - 75 mm AND SERVICE PIPE 75 mm.

RECOMMENDED FOR BULK SUPPLY

No.	DATE	DESCRIPTION	DRG. No.	DESCRIPTION
REVISION		REFERENCE DRAWINGS		

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

**PROJECT**  
CONSULTANCY SERVICES FOR SURVEY, DESIGN OF WATER SUPPLY FACILITIES IN THE ISLAND SH. FOAKAIDHOO, MALDIVES

**TITLE**  
TYPICAL DRAWING OF HOUSE SERVICE CONNECTION SINGLE

**SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA**  
In Association With  
**DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES**

APPROVED SSS	CHECKED SSS	DESIGNED RKC	DRAWN SSN
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SCALE: AS SHOWN  
DATE: APRIL 2017  
DRAWING No.: Sh. Foakaidhoo/WS/12  
REVISION: 0