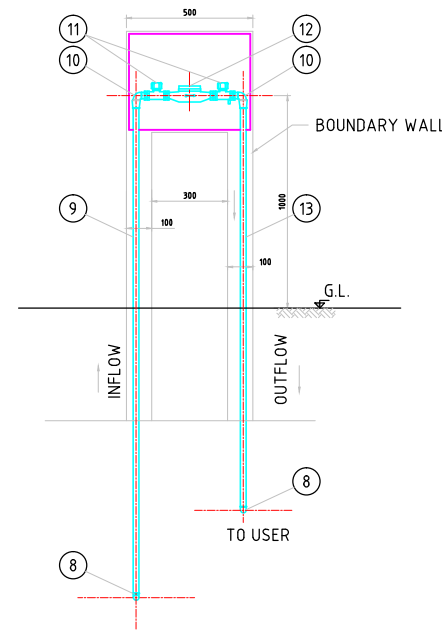
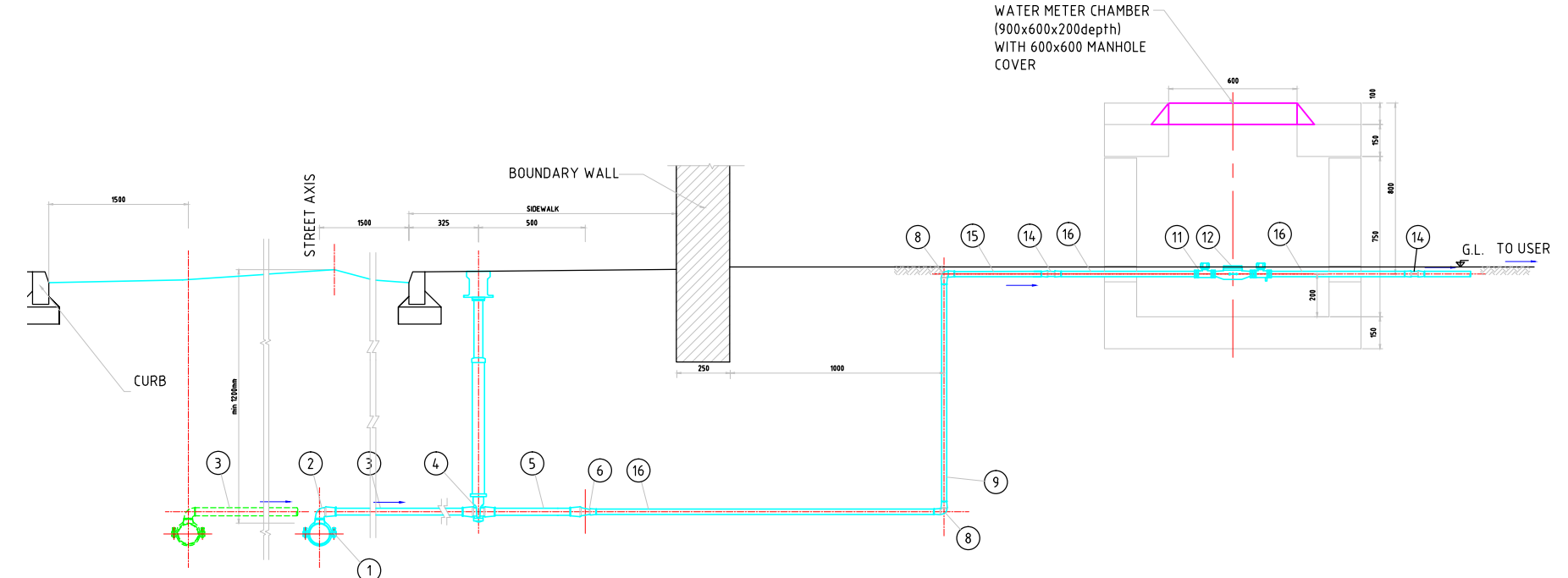


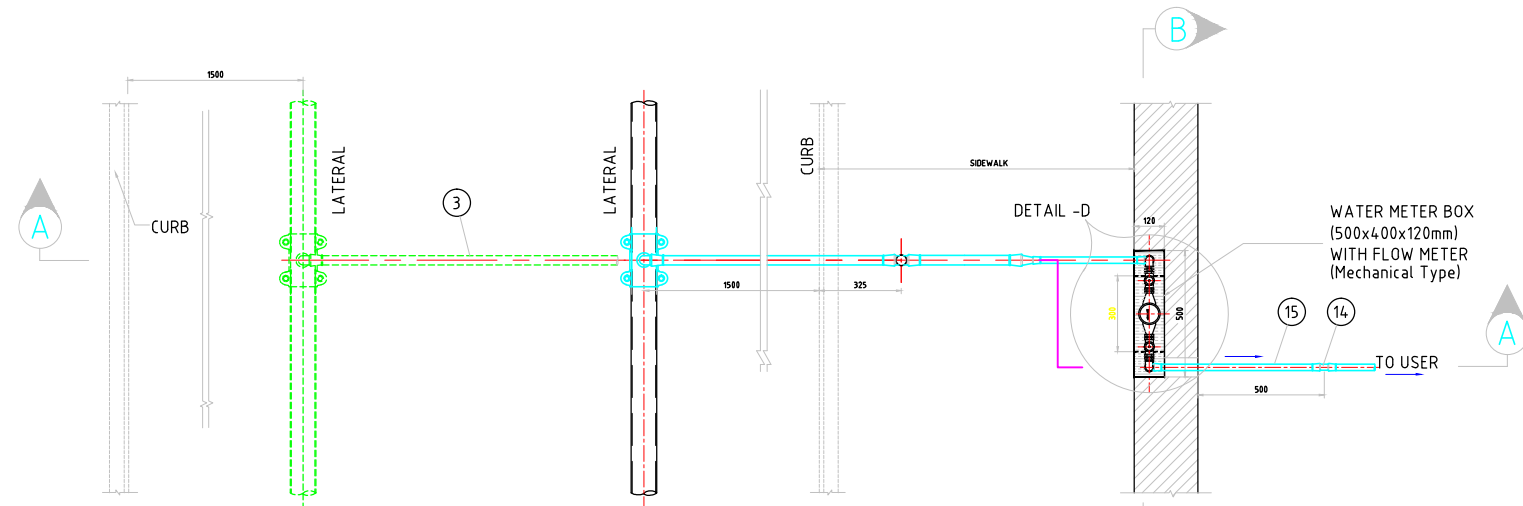
SECTION A - A
SCALE 120



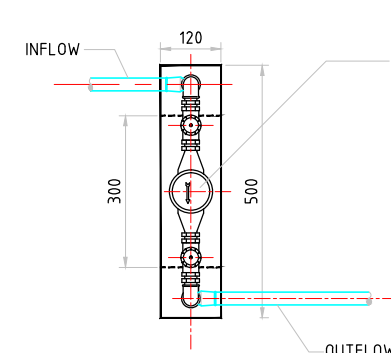
SECTION B - B
SCALE 120



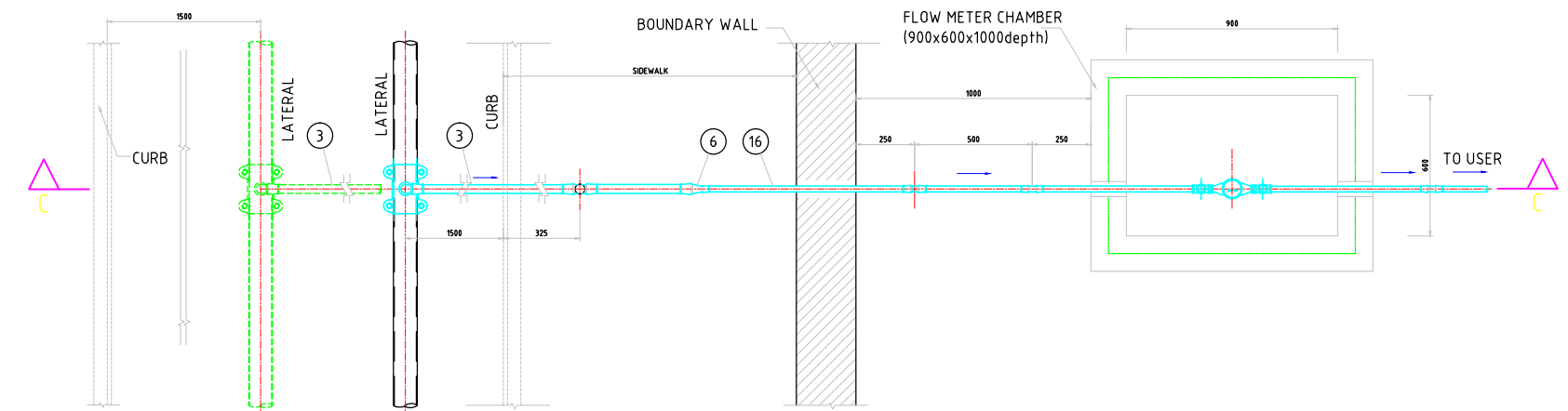
SECTION C - C
SCALE 120



PLAN
SCALE 120



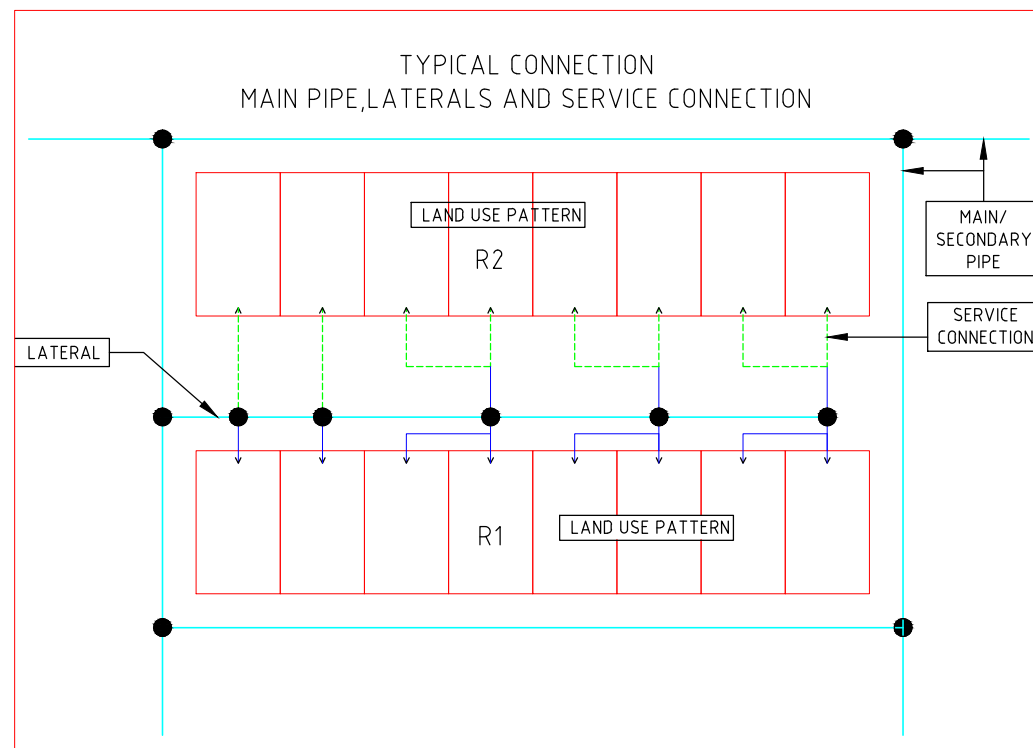
DETAIL -D
SCALE 1:10



PLAN
SCALE 120

SINGLE HOUSE CONNECTION WITH WATER METER BOX

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, 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
5	WATER METER	25	1	32	1	40	1	32	1	63	1	75	1
6	PE PIPE	25	--	32	--	40	--	32	--	63	--	75	--
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
MALÉ 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

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

APPROVED	CHECKED	DESIGNED	DRAWN
SSS	SSS	SPP	SSN

SCALE	DATE	DRAWING No.	REVISION
AS SHOWN	NOV 2017	Sh. Foakaidhoo/WS/12	0