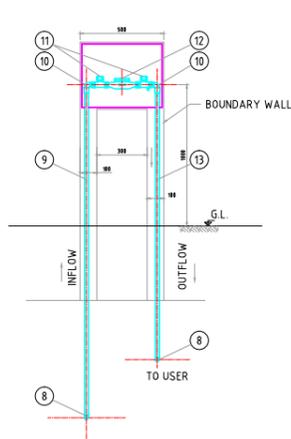
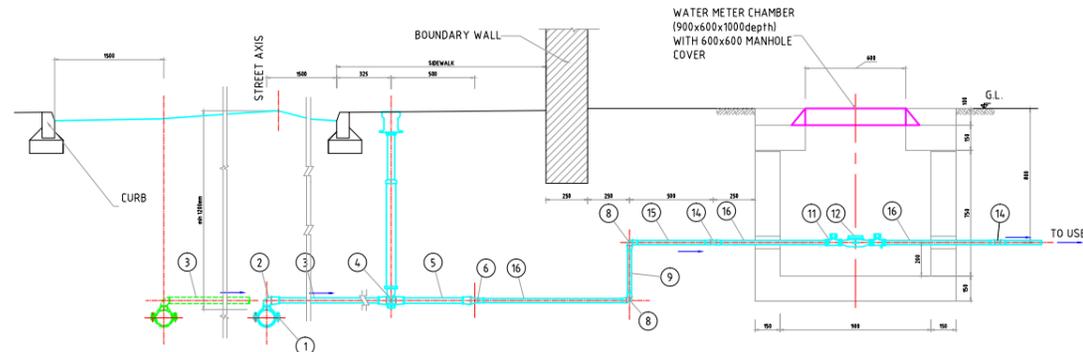


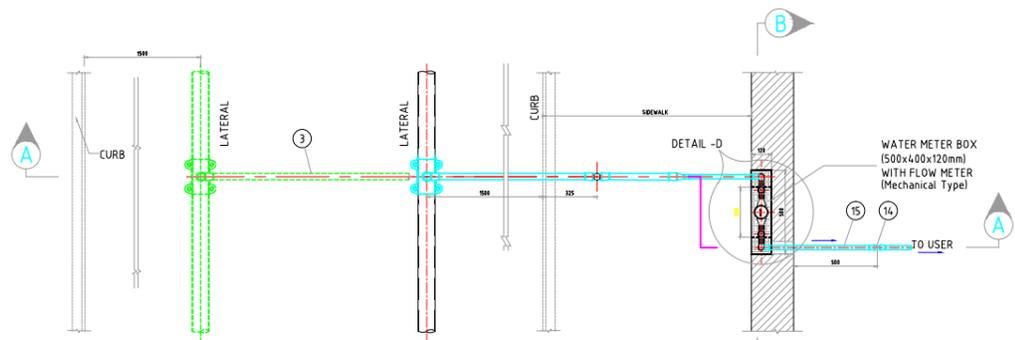
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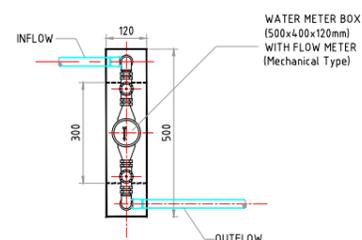
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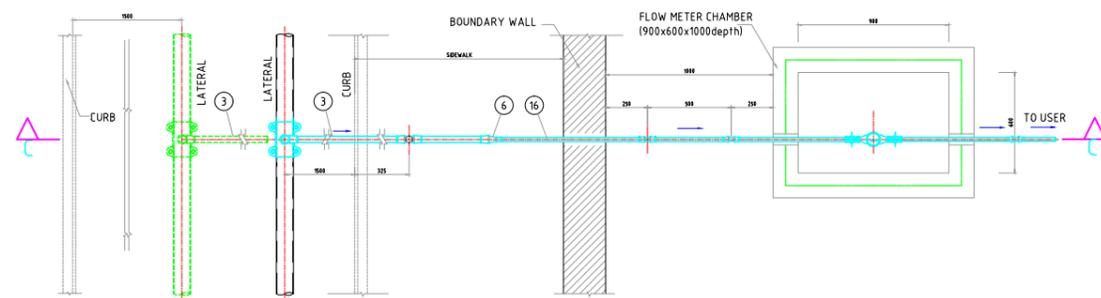
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PLAN  
SCALE 1:20



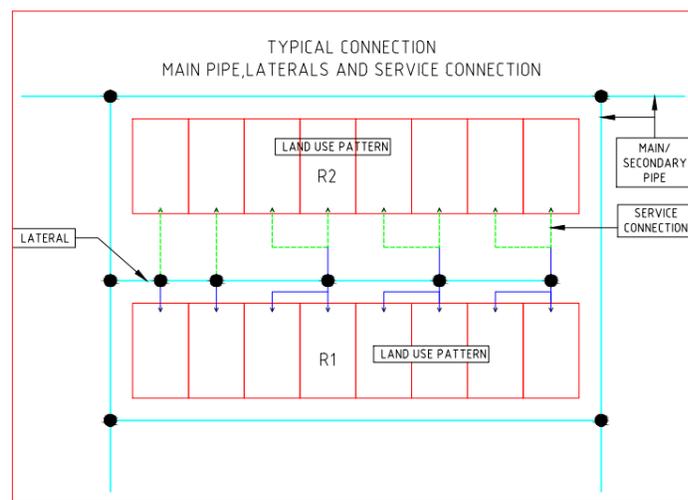
DETAIL - D  
SCALE 1:10



PLAN  
SCALE 1:20

SINGLE HOUSE CONNECTION WITH WATER METER BOX

SINGLE HOUSE CONNECTION WITH WATER METER CHAMBER



SERVICE CONNECTION TYPE

I. HOUSE CONNECTION		LSC -40/25		LSC -50/32		LSC -63/40		LSC -63/32		LSC -75/63		LSC -75/75	
ITEM	DESCRIPTION	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		25		32		40		32		63		75	
ITEM	DESCRIPTION	DIA	QUALITY										
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 GH 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		25		32		40		32		63		75	
ITEM	DESCRIPTION	DIA	QUALITY										
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 R. MADUVVAREE, MALDIVES

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

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

APPROVED	CHECKED	DESIGNED	DRAWN
SSS	SSS	RKC	SSN

SCALE	DATE	DRAWING No.	REVISION
AS SHOWN	APRIL 2017	R. MADUVVAREE/WS/12	0