



PLAN
DOUBLE HOUSE CONNECTION WITH WATER METER BOX AND 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 TELESCOPE, 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	--	--	--	--
7	TEE	40	1	50	1	63	1	63	1	75	1	75	1
8	CONNECTOR	40	1	50	1	63	1	63	1	75	1	75	1
9	-----												
10	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
11	ELBOW 90°	25	1	32	1	40	1	32	1	63	1	75	1
12	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
13	ELBOW 90°	25	1	32	1	40	1	32	1	63	1	75	1
14	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
15	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
16	CONNECTOR	25	2	32	2	40	2	32	2	63	2	75	2
17	METER	25	1	32	1	40	1	32	1	63	1	75	1
18	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
19	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
20	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
21	ELBOW 90°	25	2	32	2	40	2	32	2	63	2	75	2
22	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
23	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
24	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
25	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
26	PE PIPE	25	1	32	1	40	1	32	1	63	1	75	1
27	CONNECTOR	25	2	32	2	40	2	32	2	63	2	75	2
28	WATER METER	25	1	32	1	40	1	32	1	63	1	75	1
		25	1	32	1	40	1	32	1	63	1	75	1

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS.
 - FOR LOCATION AND DEPTHS OF DISTRIBUTION SUPPLY PIPE LINE REFER TO PROFILES.
 - DIMENSIONS ARE INDICATED ONLY & ARE TO BE COMFORTED BY VENDOR PLAN
 - THE WATER METER CHAMBER & WATER METER BOX TO BE PROVIDED BY CONSUMER
 - SPECIALS & PIPE FITTINGS SHALL BE SUPPLIED BY THE VENDOR 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 B. DHARAVANDHOO, MALDIVES

TITLE
TYPICAL DRAWING OF HOUSE SERVICE CONNECTION DOUBLE

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
NTS	NOV 2017	B. Dharavandhoo/WS/12(A)	0