



PLAN
DOUBLE HOUSE CONNECTION WITH WATER METER BOX AND 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	4.0	1	5.0	1	6.3	1	6.3	1	7.5	1	7.5	1
2	ELBOW 90°	4.0	1	5.0	1	6.3	1	6.3	1	7.5	1	7.5	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	---	---	---	---
7	TEE	4.0	1	5.0	1	6.3	1	6.3	1	7.5	1	7.5	1
8	CONNECTOR	4.0	1	5.0	1	6.3	1	6.3	1	7.5	1	7.5	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	-----												
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 HDH. NOLHIVARANFARU, MALDIVES

TITLE
 TYPICAL DRAWING OF HOUSE SERVICE CONNECTION DOUBLE

DESIGNED BY
SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA
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DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES

APPROVED SSS	CHECKED SSS	DESIGNED RKC	DRAWN SSN
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