



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 R. MADUVVAREE, 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	SPP	PDP

SCALE: NTS    DATE: NOV 2017    DRAWING No.: R. MADUVVAREE/WS/12A    REVISION: 0