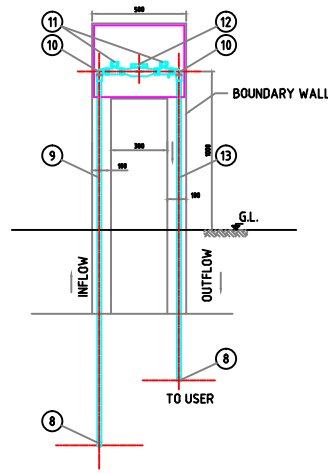
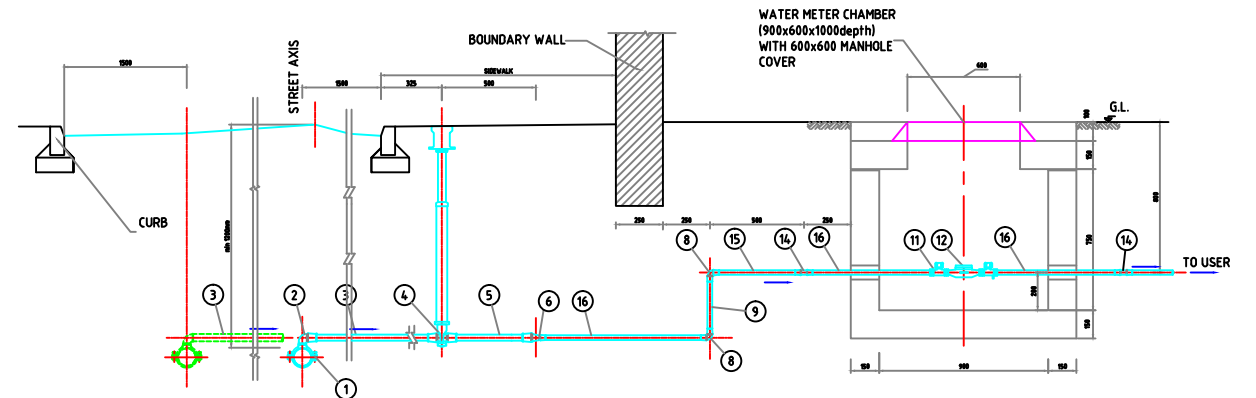


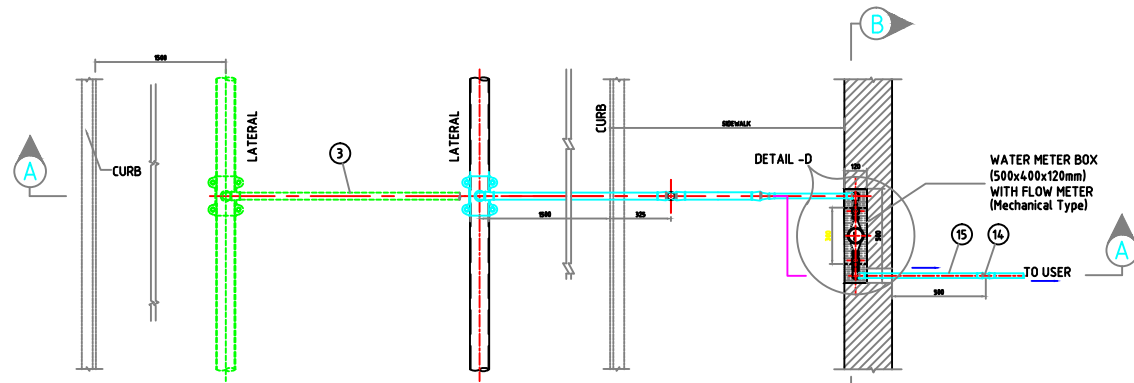
SECTION A - A
SCALE 1:20



SECTION B - B
SCALE 1:20

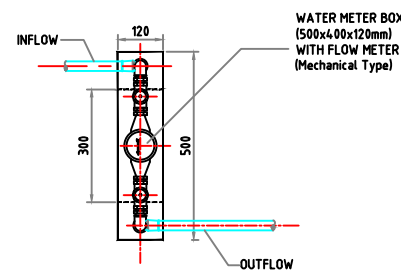


SECTION C - C
SCALE 1:20

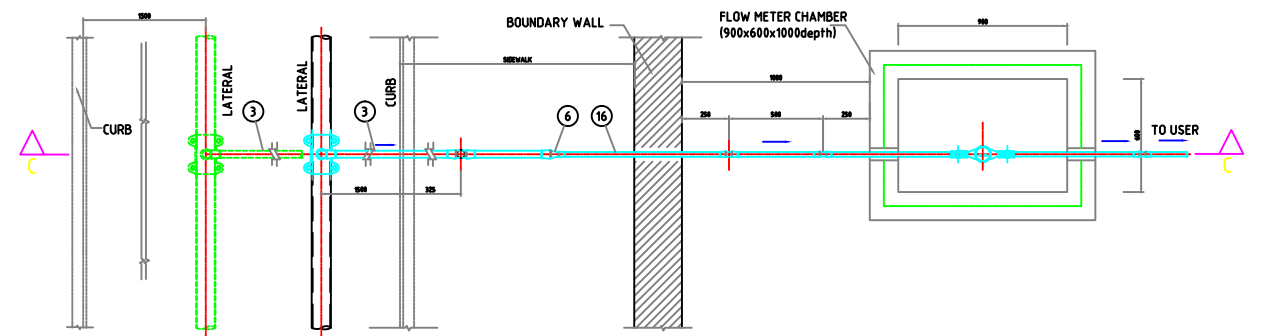


PLAN
SCALE 1:20

SINGLE HOUSE CONNECTION WITH WATER METER BOX

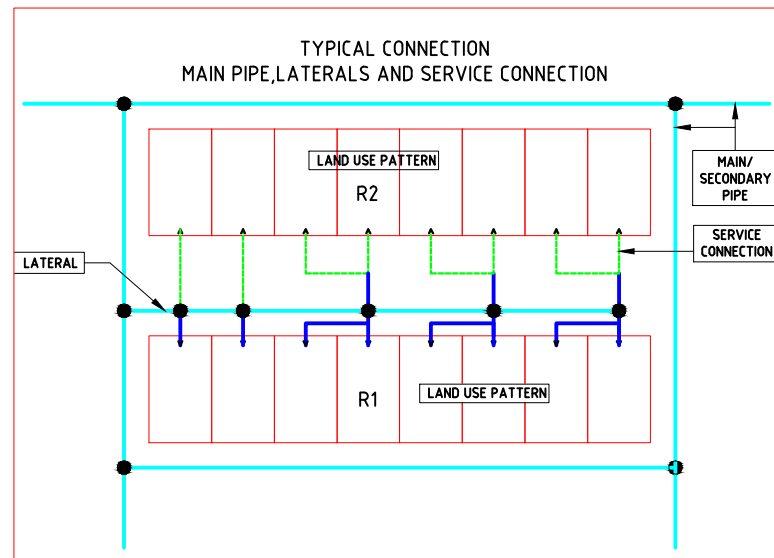


DETAIL - D
SCALE 1:10



PLAN
SCALE 1:20

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 | |
| | | DIA | QUALITY | DIA | QUALITY | DIA | QUALITY | DIA | QUALITY | DIA | QUALITY |
| 1 | UNIVERSAL PIPE SADDLE | 40 | 1 | 50 | 1 | 63 | 1 | 63 | 1 | 75 | 1 |
| 2 | ELBOW 90° | 40 | 1 | 50 | 1 | 63 | 1 | 63 | 1 | 75 | 1 |
| 3 | PE PIPE | 32 | -- | 32 | -- | 40 | -- | 40 | -- | 63 | -- |
| 4 | SERVICE VALVE for PE PIPES, COMPLETE WITH TELESCOPIC EXTENSION SPINDLE AND HEAVY BOX | 32 | 1 | 32 | 1 | 40 | 1 | 32 | 1 | 63 | 1 |
| 5 | PE PIPE | 32 | -- | 32 | -- | 40 | -- | 32 | -- | 63 | -- |
| 6 | REDUCER | 32/25 | 1 | -- | -- | 40/32 | 1 | 40/32 | 1 | -- | -- |
| II. WATER METER | | | | | | | | | | | |
| 1 | PE PIPE | 25 | -- | 32 | -- | 40 | -- | 32 | -- | 63 | -- |
| 2 | ELBOW 90° | 25 | 2 | 32 | 2 | 40 | 2 | 32 | 2 | 63 | 2 |
| 3 | PE PIPE | 25 | -- | 32 | -- | 40 | -- | 32 | -- | 63 | -- |
| 4 | ELBOW 90° WITH MALE THREAD | 25 | 2 | 32 | 2 | 40 | 2 | 32 | 2 | 63 | 2 |
| 5 | 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 |
| 6 | WATER METER | 25 | 1 | 32 | 1 | 40 | 1 | 32 | 1 | 63 | 1 |
| 7 | PE PIPE | 25 | -- | 32 | -- | 40 | -- | 32 | -- | 63 | -- |
| 8 | CONNECTOR | 25 | 2 | 32 | 2 | 40 | 2 | 32 | 2 | 63 | 2 |
| 9 | PE PIPE | 25 | -- | 32 | -- | 40 | -- | 32 | -- | 63 | -- |
| III. WATER METER CHAMBER | | | | | | | | | | | |
| 1 | PE PIPE | 25 | -- | 32 | -- | 40 | -- | 32 | -- | 63 | -- |

- 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 HDH. NOLHIVARANFARU, MALDIVES | | | |
| TITLE | | | |
| TYPICAL DRAWING OF HOUSE SERVICE CONNECTION SINGLE | | | |
| STC | | | |
| 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 | HDh.Nolhivaranfaru/WS/12 | 0 |