INSTALLATION FOR UNDER PAVED AREA

POSITION METER BOX SO ALL PARTS OF 2" ANGLE VALVE CAN BE OPERATED OR REPAIRED WITHOUT MOVING METER BOX.

TOP OF BOX TO BE AT OR NO MORE THAN 1" ABOVE EXISTING GROUND.

3'-0" MIN.

2" CORPORATION STOP, C.C. INLET, COMPRESSION IPS (2.375 OD) OUTLET, WITH TEE HEAD AND WITH INSERT/STIFFENER

ARCH BASE CURB BOX WITH ROD AND LID

2" IPS BLUE HDPE WATER PIPE WITH FACTORY INSTALLED TRACER WIRE ASTM D3035 PE 4710

CONCRETE SLAB CLASS A, 5 SACK, 3000 PSI

BRONZE BODY SADDLE WITH DOUBLE STAINLESS STEEL STRAPS AWWA TAPER OUTLET (CC)

NOTES:

1. SADDLES SHALL BE BRONZE BODY WITH DOUBLE STAINLESS STEEL STRAPS WHEN TAPPING ANY MAIN. AWWA CB30 SADDLE MUST BE DESIGNED FOR PIPE MATERIAL BEING TAPPED.

2. SERVICES SHALL BE CONTINUOUS WITH NO JOINTS FROM CORPORATION STOP TO BALL VALVE (IF APPLICABLE), BALL VALVE TO ELBOW, AND ELBOW TO ANGLE VALVE. IF COPPER, JOINT TO BE OUTSIDE PAVEMENT.

3. ALL COPPER FITTINGS SHALL BE COMPRESSION FITTINGS WITH LINER/STIFFENER (STAINLESS STEEL MUST BE A STIFFENER RECOMMENDED BY COMPRESSION FITTINGS MANUFACTURER).

4. METERS SHALL NOT BE INSTALLED IN EXISTING ORO PROPOSED SIDEWALK OR WITHIN 5' OF DRIVEWAYS.

5. CURB BOXES SHALL BE INSTALLED OUTSIDE NORMAL TIRE PATH OF LANE WHEN IN PAVED ROADWAYS.

6. TAPS SHALL BE ON SAME SIDE AS METER AND PERPENDICULAR TO THE RIGHT OF WAY.

7. CONTRACTOR SHALL REMOVE ALL SAND OVER FITTINGS & INSTALL 2" METER BOX FROM CITY'S APPROVED PRODUCT LISTING PRIOR TO REQUESTING METER INSTALLATION.

8. USE 2"x1" FLANGED REDUCER IF REDUCING TO 1" METER & INSTALL 1" METER BOX FROM CITY'S APPROVED PRODUCT LISTING PRIOR TO REQUESTING METER INSTALLATION.

9. UNLESS OTHERWISE STATED ON CONSTRUCTION PLANS ALL MATERIALS UTILIZED MUST BE ON THE ARLINGTON WATER UTILITIES APPROVED PRODUCT LISTING.

10. CURB BOXES SHALL INCLUDE A 1"x1" CONCRETE PAD WHEN INSTALLED WITHIN ASPHALT PAVEMENT. THE COVER SHALL BE CENTERED WITHIN THE CONCRETE PAD. PAD SHALL MATCH PAVEMENT THICKNESS.

ELEVATION

NOT TO SCALE

INSTALLATION FOR UNPAVED AREA

(MAY BE MEDIAN OR PARKWAY)

POSITION METER BOX SO ALL PARTS OF 2" ANGLE VALVE CAN BE OPERATED OR REPAIRED WITHOUT MOVING METER BOX.

TOP OF BOX TO BE AT OR NO MORE THAN 1" ABOVE EXISTING GROUND.

3'-0" MIN.

2" METER BOX

6" - 8" DURING CONSTRUCTION 5" - 10" AT FINAL METER GRADE SET (TO MID FLANGE)

2" ANGLE STOP WITH FIP INLET WITH SLOTTED HOLES FOR 1-1/2" OR 2" METER SETTING

THRU BLock CLASS A, 5 SACK, 3000 PSI

2" IPS ELECTROFUSION 90' ELBOW PE4710

CONCRETE SLAB CLASS A, 5 SACK, 3000 PSI

MULTI-SERVICE "Y" INSTALLATIONS MAY BE PERMITTED UPON REVIEW BY ARLINGTON WATER UTILITIES.

2" CORPORATION STOP, C.C. INLET, COMPRESSION IPS (2.375 OD) OUTLET, WITH TEE HEAD AND WITH INSERT/STIFFENER

2" IPS BLUE HDPE WATER PIPE WITH FACTORY INSTALLED TRACER WIRE ASTM D3035 PE 4710

2" METER BOX

ARCH BASE CURB BOX WITH ROD AND LID

BRONZE BODY SADDLE WITH DOUBLE STAINLESS STEEL STRAPS AWWA TAPER OUTLET (CC)

2" ANGLE STOP WITH FIP INLET WITH SLOTTED HOLES FOR 1-1/2" OR 2" METER SETTING

THRU BLOCK CLASS A, 5 SACK, 3000 PSI

MULTI-SERVICE "Y" (SEE NOTE 8)

TRACER WIRE SHALL BE 10 AWG (AVERAGE WIRE GRADE). HDPE COATED SINGLE STRAND COPPER CLAD STEEL TO BE INSTALLED CONTINUOUSLY (NO SPLICING ALLOWED) FROM THE WATER MAIN TO THE METER BOX. 8" EXPOSED IN THE METER BOX ABOVE ANGLE STOP.

2" SERVICE PER 1" WATER SERVICE DETAIL (INCLUDING CORP. STOP)

2" SERVICE PER 1" WATER SERVICE DETAIL (INCLUDING CORP. STOP)

CITY OF ARLINGTON, TEXAS

FOR 2" & 1.5" OUTLETS