



ELEVATION

NOTE: CONTRACTOR RESPONSIBLE FOR PARTS AND INSTALLATION.

CITY OF CEDAR PARK

PUBLIC WORKS DEPARTMENT

STANDARD DETAIL FOR 1.5 " OR 2" WATER METER SERVICE

ADOPTED: 7-2014
SCALE: NTS
INITIAL:

DARWIN MARCHELL, P.E.
DIRECTOR OF
ENGINEERING

1 OF 3

MATERIALS LIST

METER SIZE

A. SERVICE CLAMP FOR CONNECTION- REQUIRED ON ALL PLASTIC AND ASBESTOS CEMENT PIPE AND ALL IRON PIPE 300 mm (12") AND SMALLER	(1 1/2 ")	(2")
B. CORPORATION STOP - SERVICE PIPE OUTLET	(1 1/2 ")	(2")
C. SERVICE PIPE (POLYETHYLENE)	(1 1/2 ")	(2")
D. COUPLING: SERVICE PIPE TO MALE I.P.T. (COMPRESSION FITTING)	(1 1/2 ")	(2")
E. BRONZE BALL VALVE. FEMALE I.P.T 18"-24" FROM ANGLE STOP	(1 1/2 ")	(2")
F. COUPLING: SERVICE PIPE TO MALE I.P.T. (COMPRESSION FITTING)	(1 1/2 ")	(2")
G. SERVICE PIPE (POLYETHYLENE)	(1 1/2 ")	(2")
H. COUPLING: SERVICE PIPE TO MALE IPT (COMPRESSION FITTING)	(1 1/2 ")	(2")
I. THREADED BRASS 90	(1 1/2 ")	(2")
J. 1 1/2" METER STOP FORD PART #BF83-666W 2" METER STOP FORD PART #BF83-777W	(1 1/2 ")	(2")
K. FORD BOX FPMB-7	(1 1/2 ")	(2")
L. BRONZE OVAL SHAPE FLANGE, FEMALE THREADED X FLANGE.	(1 1/2 ")	(2")
M. CUSTOMER SHUT OFF VALVE	(1 1/2 ")	(2")
N. BACK FLOW DEVICE	(1 1/2 ")	(2")
O. WATER METER LENGTH WITH GASKETS	(13 1/4")	(17-1/4")
P. 5/8" GRAVEL ROCK FOUNDATION. 6-INCH MINIMUM DEPTH		

ADDITIONAL NOTES:

1. COORDINATE ALL SERVICE CONNECTIONS WITH THE CITY SERVICE CENTER AT 512-401-5550
2. BACKFLOW PREVENTER IS REQUIRED, CONTACT ENGINEERING DEPARTMENT.
3. OWNER IS RESPONSIBLE FOR ALL PARTS, LABOR AND MATERIALS UNLESS DIRECTED OTHERWISE BY THE SERVICE CENTER

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NOTES:

1. SERVICE PIPE SHALL BE 200 psi BLACK COLORED POLYETHYLENE. HAVING A DIMENSION RATION OF 9 (DR9). (SPL WW-65)
2. TOP OF BOXES SHOULD BE 25 mm (1") ABOVE FINISHED GROUND.
3. PIPING AND TUBING IN STREET RIGHT-OF-WAY SHALL BE BEDDED IN GRANULAR MATERIALS AS REQUIRED BY SECTION 510.3 (14) OF THE CITY OF AUSTING STANDARD SPECIFICATIONS: BACKFILL ABOVE GRANULAR BEDDING AS REQUIRED BY SECTION 510.3 (25).
4. BOX MUST BE BEHIND CURB AND/OR SIDEWALK AND OUT OF VEHICULAR TRAFFIC AREA.
5. IF TWO METERS ARE INSTALLED, THEY SHALL BE INSTALLED WITH SEPARATE TAPS AND IN SEPERATE BOXES. EACH SERVICE LINE SHALL BE EQUAL SIZE TO METER.

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