CITY OF ROUND ROCK

SINGLE 5/8", 3/4" OR 1"
WATER METER DETAIL

NOTE: 1. SERVICE PIPE SHALL BE COPPER TUBE SIZE. IT MAY BE 150 PSI ANNEALED SEAMLESS TYPE "K" COPPER TUBING OR 200 PSI BLACK COLORED POLYETHYLENE HAVING A DIMENSION RATIO OF 9 (DR9).
2. ALL STAINLESS STEEL INSERTS THAT COME WITH COMPRESSION FITTINGS SHALL NOT BE USED ON ANY CONNECTIONS.
3. SERVICE SADDLES SHALL BE WRAPPED COMPLETELY WITH 8 MIL. POLYETHYLENE FILM.
4. TOP OF BOXES SHALL BE 1" ABOVE FINISHED GRADE.
5. PIPING AND TUBING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 510.3 OF THE STANDARD SPECIFICATIONS. SPECIAL ATTENTION IS CALLED TO "PIPE BEDDING ENVELOPE" AND "BACKFILLING", SECTIONS 510.3 (14) AND 510.3 (25), RESPECTIVELY.
6. AXIS OF METER ASSEMBLY (LINE THROUGH METER STOP, METER, PIPING AND OWNERS CUTOFF) SHALL BE 10" BELOW TOP OF BOX.
7. SLOTS PROVIDED IN METER BOX TO ACCOMODATE PIPING INTO AND OUT OF BOX, SHALL NOT BE MODIFIED.
8. LOCATION OF METER BOXES SHALL BE SUBJECT TO THE APPROVAL OF THE C.O.R.R.

P. M. ROSS
Civil Engineer

MOVED TO FILE
PUBLIC WORKS DEPARTMENT

RECORD SIGNED COPY ON FILE AT PUBLIC WORKS
APPROVED 10-20-11
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THIS APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)

D. D. HARRISON

LOCAL WATER METER DETAIL

MAXIMUM SLOPE 1 1/4 FT. FRONT TO BACK OR BACK TO FRONT

PLATE TO BE LEVEL SIDE TO SIDE

DETAILED C. L. M. T. W. W. W. W.

WATER METER IN BOX (SEE TABLE BELOW)

H. WATER METER COUPLING; MALE I.P.T. X SWIVEL COUPLING NUT:
- FOR 5/8" AND 3/4" METERS: 3/4" X 8 1/2" LONG.
- FOR 1" METERS: 3/4" X 8 1/2" LONG.
- FOR 1" METERS: LENGTH OF PIPE TO BE DETERMINED BY CONTRACTOR. EXTEND PIPE TO 4"-6" OUTSIDE OF METER BOX.

I. BRONZE GATE VALVE: NON-RISING STEM (3/4" OR 1"
- FOR 5/8" AND 3/4" METERS: 3/4" X 8 1/2" LONG.
- FOR 1" METERS: 3/4" X 8 1/2" LONG.
- FOR 1" METERS: LENGTH OF PIPE TO BE DETERMINED BY CONTRACTOR. EXTEND PIPE TO 4"-6" OUTSIDE OF METER BOX.

J. 3/4" OR 1" PIPE MEETING CITY OF ROUND ROCK PLUMBING CODE REQUIREMENTS.

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PART NUMBER SERIES SIZE HEIGHT WIDTH LENGTH
DFW26C-6001* 36C STANDARD 12-1/4" TOP = 13-3/4" TOP = 10"
DFW26C-6012* 36C STANDARD 12-1/4" BASE = 10" BASE = 18-1/4"
DFW26C-6012* 36C STANDARD 12-1/4" BASE = 10" BASE = 18-1/4"

METER SIZE LENGTH
5/8" 7 1/2"
3/4" 7 1/2"
1" 11"

* ROUTE BY DFW PLASTICS INCORPORATED OR APPROVED EQUAL.