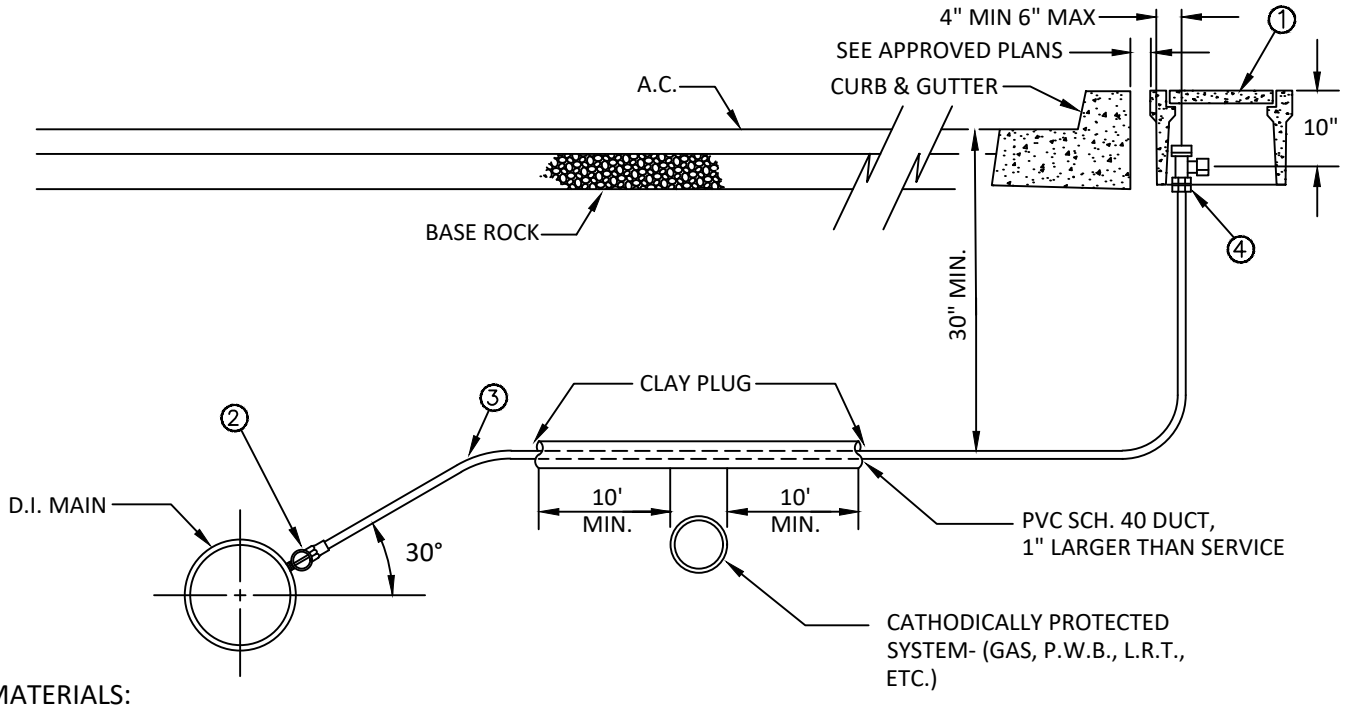
This Detail Drawing may not be altered or changed in any manner except by the City Engineer. It is the responsibility of the user to acquire the most current version.



MATERIALS:

1. APPROVED BOX, COVER AND LID:
   - STANDARD: SEE DETAIL NO. WT-3035 - WT-3037.
   - TRAFFIC RATED: SEE DETAIL NO. WT-3038 - WT-3040.
2. CORP. STOP AWWA "CC" THREADS X 110 COMP. MUELLER H-15008 OR FORD FB1000-*-Q; *=3 FOR 3/4" AND 4 FOR 1" SERVICES, WITH OPERATING NUT AT 3 OR 9 O'CLOCK.
3. SOFT TEMPER, TYPE 'K' COPPER TUBING COMPLYING WITH ASTM B-88.
4. ANGLE METER STOP 110 COMP. MUELLER H-14258 OR FORD KV43-***W-Q; ***=332 FOR 3/4" AND 444 FOR 1" SERVICES.

NOTES:

1. SUBSTITUTES FOR ANY MATERIALS SHOWN SHALL BE APPROVED PRIOR TO CONSTRUCTION BY THE CITY WATER DEPARTMENT.
2. ALL PIPE AND STRUCTURE ZONES SHALL BE BACKFILLED USING 3/4"-0 CRUSHED AGGREGATE AND COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
3. WHEN AN ACTIVE CATHODIC PROTECTED SYSTEM IS ENCOUNTERED, SCH. 40 PVC SHALL BE INSTALLED AS SHOWN ABOVE WITH CLAY PLUG.
4. ANGLE METER STOP SHALL BE PLUMB AND CENTERED SIDE TO SIDE WITHIN THE METER BOX. THE COMPLETED METER ASSEMBLY SHALL BE LOCATED WITHIN THE METER BOX.
5. METER BOX HEIGHT ADJUSTMENTS ON EXISTING SERVICES SHALL BE MADE WITH MANUFACTURER METER BOX EXTENSION OR BY STACKING METER BOXES AS APPROVED BY THE MANUFACTURER.
6. METER BOX SHALL BE LOCATED IN PLANTER AREAS ONLY; SEE PUBLIC WORKS STANDARDS FOR TRAFFIC RATED BOXES AND COVERS.
7. METER BOX SHALL BE LOCATED BEHIND THE SIDEWALK AT LOCATIONS WITH CURB TIGHT SIDEWALK.
8. METER BOX SHALL BE LOCATED NOT MORE THAN 12" FROM BACK OF CURB OR SIDEWALK.
9. METER BOX SHALL MATCH SIDEWALK GRADE (IF SIDEWALK EXISTS) OTHERWISE SET FLUSH WITH SURROUNDING GROUND SURFACE.
10. IF REQUIRED, CUSTOMER SHALL INSTALL AN APPROVED BACKFLOW PREVENTION DEVICE AND OBTAIN THE NECESSARY PERMITS AND INSPECTIONS FROM THE BUILDING DEPARTMENT.
11. EACH PROPERTY SHALL HAVE AN INDIVIDUAL WATER SERVICE FROM THE WATER MAIN. SHARED OR DOUBLE WATER SERVICES ARE NOT ALLOWED.
12. WHERE RESIDENTIAL METER BOXES ARE PLACED TOGETHER NEAR THE PROPERTY LINES OR IN BANKS OF METERS, THEY SHALL BE INSTALLED IN CONFORMANCE TO DETAIL WT-3100 ALLOWING DUAL REMOTE READER SENSORS TO BE USED.

3/4" & 1" Single Service			CITY OF WILSONVILLE
DRAWING NUMBER: WT-3030	DRAWN BY: SR	SCALE: N.T.S.	
FILE NAME: WT-3030.DWG	APPROVED BY: NK	DATE: 1/30/18	PUBLIC WORKS STANDARDS