



**MATERIALS:**

1. STANDARD VALVE BOX AND LID. SEE STANDARD DETAIL NO. WT-3020.
2. PIPE O.D. X 2" I.P.T. TEE OR STAINLESS STEEL STRAP WITH DUCTILE IRON BODY SADDLE.
3. 2" X 6" BRASS I.P.T. NIPPLE.
4. 2" I.P.T. X I.P.T. GATE VALVE (MUELLER NO. A-2360-8).
5. 2" M.I.P. X 110 COMP. STRAIGHT COUPLING MUELLER H-15428 OR FORD C84-77-Q.
6. 2" ASTM B-88 TYPE 'K' RIGID COPPER TUBING. IF SLEEVED IN A RIGID CASING USE SOFT TEMPER TYPE "K" TUBING.
7. 2" 110 COMP. X 110 COMP - 1/4 BEND MUELLER H-15526 OR FORD L84-77-Q.
8. 1 1/2"-2" 110 COMP. ANGLE METER STOP MUELLER H-14277 ONLY.
9. APPROVED BOX, COVER AND LID:  
 - STANDARD: SEE DETAIL NO. WT-3050 - WT-3052.  
 - TRAFFIC RATED: SEE DETAIL NO. WT-3053 - WT-3055
10. VALVE OPERATOR EXTENSION, AS NEEDED. SEE DETAIL NO. WT-3015.

**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 WITH CLAY PLUG.
4. METER BOX SHALL BE CENTERED OVER THE COMPLETED METER AND FITTING ASSEMBLY
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.

1 1/2" - 2" Single Service

CITY OF  
WILSONVILLE



DRAWING NUMBER: WT-3045

DRAWN BY: SR

SCALE: N.T.S.

FILE NAME: WT-3045.DWG

APPROVED BY: NK

DATE: 1/23/18

PUBLIC WORKS STANDARDS