

- Ⓡ 1" COUPLING: SERVICE PIPE TO MALE I.P. THREAD, (COMPRESSION FITTING)
- Ⓡ 1" SERVICE PIPE.
- Ⓡ 1" ANGLE METER STOP; SERVICE PIPE INLET X SWIVEL COUPLING NUT OUTLET, AND 1" X 3/4" BRASS BUSHING. A 1" X 3/4" METER BUSHING IS REQUIRED AT THE ANGLE STOP FOR ALL 5/8" AND 3/4" METERS.
- Ⓡ DUAL CHECK VALVE WITH TEST PORTS, INLET METER COUPLING FOR 1", 3/4" OR 5/8" METER, AND OUTLET FEMALE NPT CONNECTION.
- Ⓡ 12" SCHEDULE 80 PVC THREADED NIPPLE
- Ⓡ 1" BRASS GATE VALVES.
- Ⓡ 1" PIPE MEETING CITY OF NEW BRAUNFELS PLUMBING CODE REQUIREMENTS.
- Ⓡ METER BOX , EJIW 15P - PLASTIC METER BOX & CAST IRON LID OR APPROVED EQUAL.
- Ⓡ LID
- Ⓡ CUSTOMERS' CUTOFF VALVE BOX (CONCRETE). MAY BE 12" PIECE SDR 26, 6" PVC- GIFFORD-HILL INC. OR APPROVED EQUAL.
- Ⓡ DUAL CHECK BACKFLOW DEVICE - 1" DUAL CHECK CONBRACO, MN 40-3S65A

NOTES:

1. SERVICE PIPE SHALL BE COPPER TUBE SIZE. IT SHALL BE ANNEALED SEAMLESS TYPE "K" COPPER TUBING MEETING THE CURRENT ASTM B88 STANDARD WITH NO SWEAT OR SOLDERED JOINTS.
2. SERVICE SADDLE SHALL BE WRAPPED COMPLETELY WITH 8 MIL POLYETHYLENE FILM.
3. BRANCH CONNECTION AND BOTH ANGLE METER STOPS MUST BE INSTALLED PRIOR TO FIRST METER INSTALLATION EVEN THOUGH SECOND PROPERTY MAY NOT BE READY FOR SERVICE.
4. TOP OF BOXES SHOULD BE 1" ABOVE GROUND OR FLUSH WITH PAVEMENT SURFACE.
5. PIPING AND TUBING IN STREET RIGHT-OF-WAY SHALL BE BEDDED IN GRANULAR MATERIALS AS REQUIRED BY THE SPECIFICATIONS; BACKFILL ABOVE GRANULAR BEDDING AS REQUIRED BY SPECIFICATIONS.
6. BOX CONSISTENTLY SPACED BEHIND CURB WITH A MAXIMUM OF 12" AND/OR SIDEWALK (6" FROM PROPERTY LINE) AND OUT OF VEHICULAR TRAFFIC AREA.
7. ANGLE STOP PLACED A MAXIMUM OF 4" FROM BACK OF BOX THAT FACES CURB.



NEW BRAUNFELS UTILITIES  
WATER SYSTEMS ENGINEERING

DRAWN BY:  
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STANDARD DRAWING:

**STANDARD INSTALL DETAIL FOR TWO  
5/8", 3/4" & 1" METER**

UPDATED:  
**4-11-03**

SCALE:  
**N.T.S.**

SHEET:  
**2 OF 2**

DRAWING NO.  
**201**