



FURNISHED AND INSTALLED BY PROPERTY OWNER

**INSTALLATION NOTES:**

1. OUTSIDE METER SETTINGS MAY BE REQUIRED AS DESCRIBED IN C.T.W.A. RULES.
2. SHUT OFF VALVE INSTALLED BEFORE METER.
3. PRESSURE REGULATOR IS RECOMMENDED.
4. A CLOSED SYSTEM IS CREATED WITH A BACKFLOW PREVENTER IN PLACE. PROVISIONS MUST BE MADE FOR THERMAL EXPANSION.
5. WATER LINE SHALL NOT BE PLACED BELOW DRIVEWAYS, PATIOS, OR OTHER PAVED AREAS.
6. ACCESS TO METER AREAS MUST BE UNRESTRICTED AT ALL TIMES.
7. SEE ATTACHMENT "B", AND THE CAPITAL FEES POLICY FOR ADDITIONAL DETAILS.
8. THIS DETAIL APPLIES TO 3/4" AND 1" RESIDENTIAL NON-SPRINKLER METER SETTINGS ONLY. METER SETTINGS ABOVE THOSE WILL BE DETAILED ON AN INDIVIDUAL BASIS.

**MATERIALS:**

UNDERGROUND SERVICE LINE (ALL UNDERGROUND FITTINGS TO BE FORD COMPRESSION WITH PACK JOINT.  
 FOR 1" USE TYPE K SOFT COPPER TUBING w/ COMPRESSION FITTINGS.  
 FOR 1-1/2" AND LARGER USE TYPE K SOFT COPPER TUBING w/ COMPRESSION CONNECTIONS.

- BRASS VALVE- BRASS VALVE w/ FLARE BY 3/4" OR 1" THREAD CONNECTION.
- BACKFLOW PREVENTER- DUAL CHECK VALVE PROVIDED BY C.T.W.A.
- REGULATOR- BRONZE BODY PRESSURE REGULATOR w/ STRAINER.
- EXPANSION TANK- HOT WATER HEATING SYSTEM EXPANSION TANK.
- METER- RESIDENTIAL METER UP TO 3/4" AND TOUCH READ FURNISHED BY THE C.T.W.A.. SIZES ABOVE 3/4" METER WILL BE FURNISHED BY THE AUTHORITY AND PAID FOR BY THE APPLICANT/PROPERTY OWNER.

Drawn By	Scale:	N.T.S.
Checked By	Firm Name: <b>SEN. LINE AND METER BE. PEG. INSTALL</b>	
Approved By	Date: <b>August 16, 2013</b>	

**STANDARD SINGLE FAMILY  
 RESIDENTIAL WATER SERVICE DETAIL (NON-SPRINKLER)  
 CENTER TOWNSHIP WATER AUTHORITY**