

# MEMORANDUM OF UNDERSTANDING

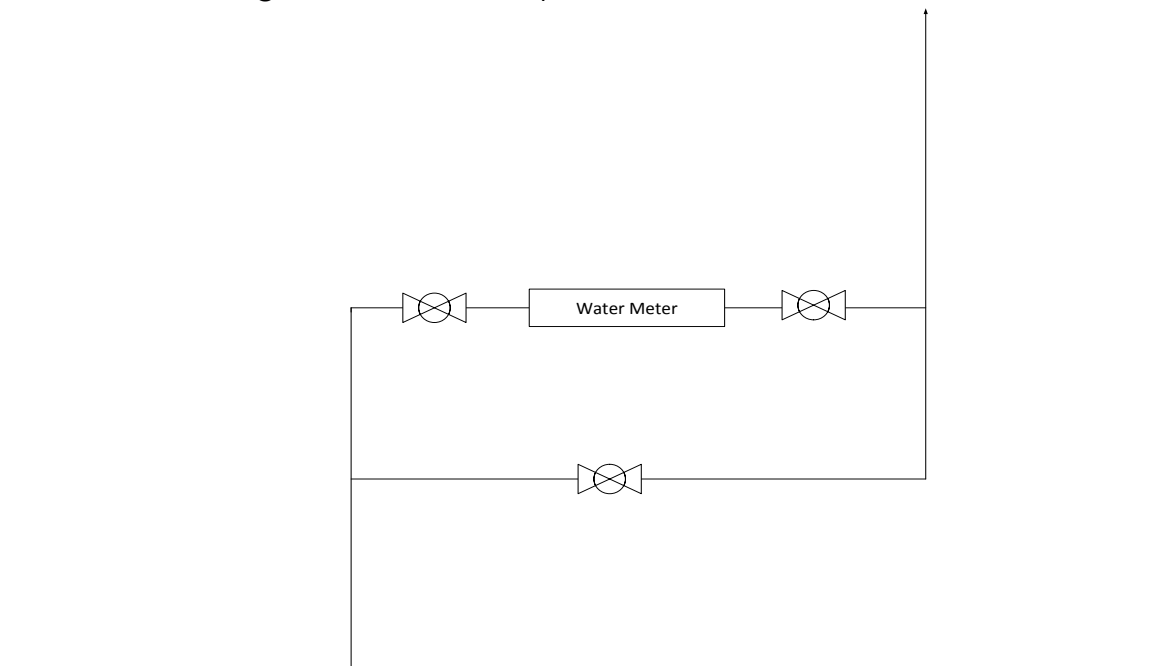
CITY OF  
**ST. CLOUD**  
MINNESOTA



## Water Service Line & Meter Installation Replacement and Abandonment

Please review the information provided below:

- All one inch (1") water meters in multiple dwellings will have a bypass to sufficiently supply water during service interruptions. Bypass not required for deduct or irrigation meters.
- All one & one-half inch (1½") meters or larger will have a bypass. Deduct and irrigation meters are exempt.
- Where bypass is required, bypass shall be no more than one pipe size smaller than service line diameter.
- Bypass piping will be plumbed below or lower than the meter.
  - If this is not possible, the bypass piping will be plumbed parallel the water meter (see figure below). Water meter must be accessible and will not be installed below grade or in crawl space areas.



- Water meters 1.5" or larger will be installed with the required amount of straight pipe as per the manufacturers specifications which are supplied upon delivery.
- Meter sizing will be done by the Public Utilities Department.
- When requesting a 2" or larger meter, there is a one month lead time.

#### Water Service Line & Meter Installation Replacement and Abandonment

- Cast iron or ductile iron pipe water main or service lines will be chlorinated and bacteria tested by the Public Utilities Department, prior to being placed in service. The Contractor will complete pressure testing.
- **NO** curb box or gate box will be placed closer than two feet from any building or structure and will have a minimum twelve (12) feet overhead clearance.
- All curb boxes, gate boxes will be centered over the operating bar, plumb, up-to-grade and exposed. All gate boxes are to be set in cement and checked for alignment by the Public Utilities Department. It is the Contractors responsibility to have the gate box approved prior to street paving
- Public Utilities Department staff will operate all gate valves or curb stops. All water service and main tapping will be completed by the Public Utilities with a minimum of 24 hours' notice.
- The Public Utilities Department requires water and sewer services be shut off at the water main when service is abandoned. This is the property owner's responsibility. On building demolitions, a disconnect permit must be received from the Building Safety Department. Both the water and sewer services will be disconnected. The water service is to be shutoff at the corporation on the water main. The sewer service is to be capped at the main line in a manner that will prevent inflow. All disconnects will be inspected by the City's Plumbing Inspector to verify work is in compliance.
- Fire lines and domestic lines will be separated before entering a building; a valve will be installed on the domestic line outside the building. The valve will control the domestic water in a way not to disturb the fire protection during a domestic shutoff for repairs.

Questions regarding any of these specifications should be directed to:

- Timothy Hewett, Infrastructure Services Manager (320) 255-7225
- Rob Zwiener, Infrastructure Services Specialist (320) 255-7225
- Bill Adams, Plumbing Inspector (320) 255-7239

*Updated: February 8, 2018*