

INSTALLATION REQUIREMENTS FOR 1-1/2" AND LARGER METERS WITH INTEGRAL STRAINER

All meters, valves, piping and other appurtenances related to a meter installation are the property of the owner and shall be maintained by the owner. The GIUD Water Department may read, inspect or test a meter at any reasonable time or with such frequency as it deems advisable.

The Plumber shall be responsible for furnishing and installing all appropriate plumbing piping, fittings, couplings, unions, flanges, and hardware necessary for the installation of the water meter by the City of Grand Island Water Department.

Meters 1-1/2 inches and larger are not to be suspended nor supported by the piping. The Plumber shall be responsible for furnishing and installing the appropriate size meter supports.

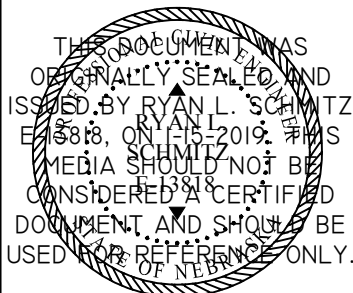
Water meters shall be set level and in a horizontal position, at a minimum height of one (1) foot and a maximum height of three (3) feet and as near as possible to the point where the water service enters the building. Meters shall not be exposed to damage by freezing.


There shall be least eighteen (18) inches of clearance above and horizontally around the meter and kept readily accessible. If obstructions exist which interfere with meter installation, reading, testing, maintenance or removal, the GIUD Water Department may discontinue water service until the obstructions are removed.

One and one half (1-1/2) inch through ten (10) inch meters shall have an integral strainer, and shall be installed with a minimum of five (5) pipe diameters of straight run of pipe or equivalent full open components upstream of the meter-strainer flange; and with a minimum of two and one half (2.5) pipe diameters of straight run of pipe or equivalent full open components downstream of the meter flange. Full open flow components may consist of: straight pipe, full open gate valves, bypass tees and concentric reducers (1 nominal pipe size reduction only).

Fully open gate valves may be located immediately upstream or downstream, provided they are not used to throttle flow rates through the meter.

Install non-concentric reducers, check valves, backflow preventers, PRV (pressure reducing valves), throttling devices, or altitude valves no closer than four (4) pipe diameters downstream of the meter.



	REVISED: 1/8/2019 DRAWN BY: TDZ CHECKED BY: R.L.S.	<h2 style="margin: 0;">1-1/2" and Larger Water Meter Installation</h2>	<h2 style="margin: 0;">PLAN 162</h2> 2 OF 2
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