



NOTES:

1. WHEN INSTALLING SENSUS COMPOUND METERS, A MINIMUM OF FIVE (5) PIPE DIAMETERS OF STRAIGHT RUN OF PIPE OR EQUIVALENT FULL OPEN COMPONENTS IS REQUIRED UPSTREAM OF THE METER. FULL OPEN FLOW COMPONENTS MAY CONSIST OF: A STRAINER, STRAIGHT PIPE, FULL OPEN GATE VALVES, BYPASS TEES AND CONCENTRIC REDUCERS (1 NOMINAL REDUCTION ONLY). A STRAINER IS STRONGLY RECOMMENDED FOR PROTECTION AND FLOW CONDITIONING OF METER.
2. DO NOT INSTALL ELBOWS, BENDS, NON-CONCENTRIC REDUCERS, CHECK VALVES AND/OR PRESSURE REDUCING DEVICES WITHIN TEN (10) PIPE DIAMETERS UPSTREAM OR THREE (3) PIPE DIAMETERS DOWNSTREAM OF THE METER.
3. DO NOT INSTALL BUTTERFLY VALVES WITHIN FIVE (5) PIPE DIAMETERS UPSTREAM OF THE METER.
4. GATE VALVES LOCATED IMMEDIATELY UPSTREAM OF THE METER SETTING ARE ACCEPTABLE, PROVIDED THEY ARE FULLY OPEN DURING METER SERVICES AND ARE NOT USED TO THROTTLE FLOW RATES THROUGH THE METER.

MOON TOWNSHIP MUNICIPAL AUTHORITY ALLEGHENY COUNTY PENNSYLVANIA		TYPICAL METER SET FOR COMMERCIAL/ PUBLIC METERS 3" AND LARGER WITH BY-PASS
Not to scale	June 2016	Standard Detail SD-038