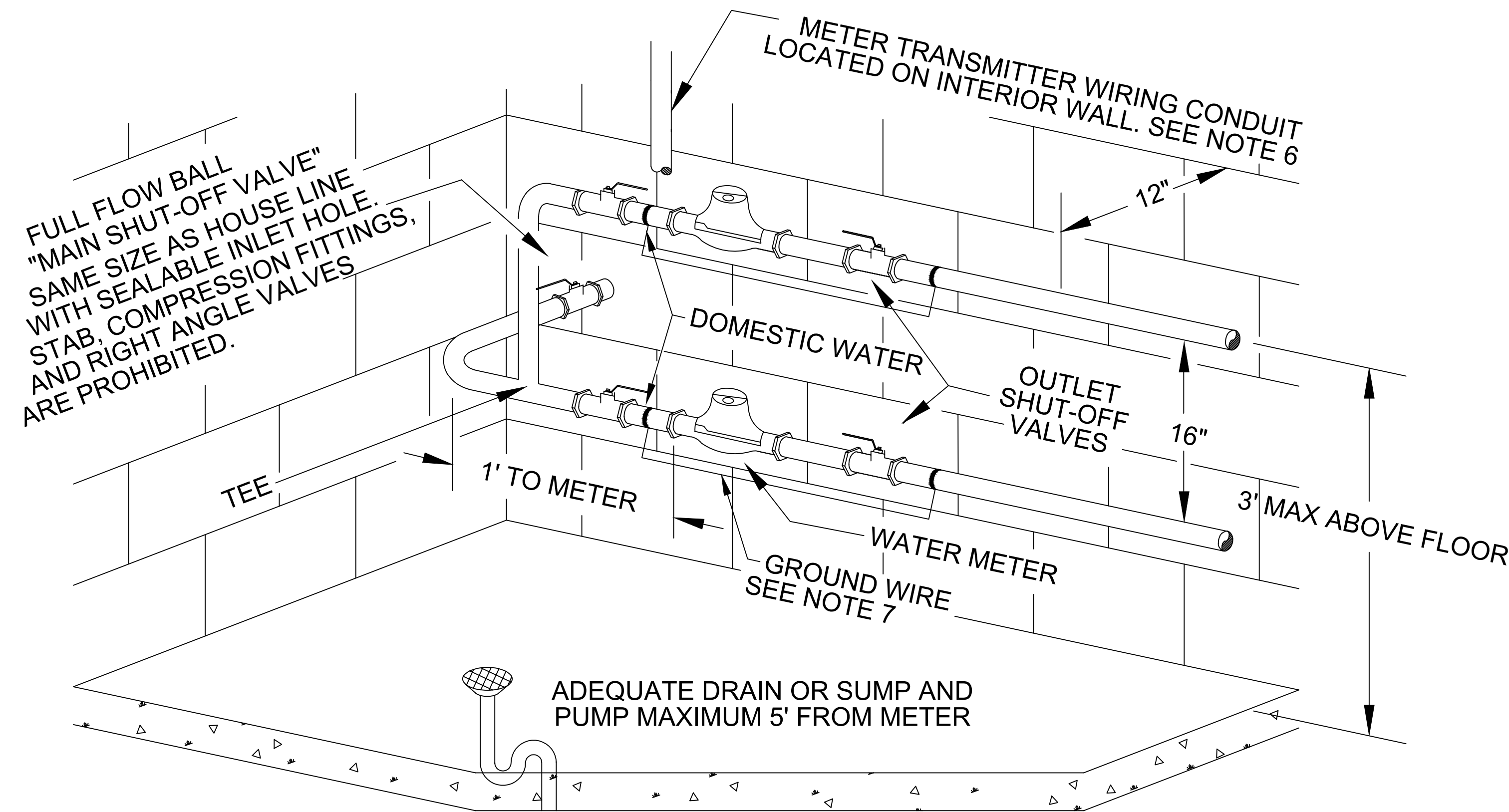


**MANIFOLD METER SETTING  
LAWN IRRIGATION**



**MANIFOLD METER SETTING  
DOMESTIC MULTI-UNIT**

AKRON WATER SUPPLY BUREAU STANDARD DRAWINGS FOUND ONLINE AT  
<http://www.akronohio.gov/water>

**NOTES:**

1. 1" MINIMUM "L" OR "K" COPPER WITH SOLDIER OR SCREW FITTINGS WITH BRASS NIPPLES FOR METER SETTING.
2. INTERIOR HOSE BIBBS AND DRAIN VALVES ARE PROHIBITED.
3. PIPING DOWNSTREAM OF METER SHALL BE SECURED TO WALL OR JOIST AND VISIBLE AT TIME OF INSPECTION.
4. PIPE SIZE REDUCTION PERMITTED AFTER METER.
5. FOR HOSE CONNECTION MANIFOLD, SEE DWG S-5.0
6. PROVIDE A 1/2" CONDUIT RUN FROM WITHIN 1 FOOT OF THE WATER METER SETTING, EXTENDING TO AN OUTSIDE WALL, PENETRATING THE WALL A MIN. 3 FEET ABOVE THE OUTSIDE GRADE. THE CONDUIT RUN SHALL NOT EXCEED 100 FEET IN LENGTH. COORDINATE LOCATION WITH AKRON WATER SUPPLY BUREAU.
7. PROVIDE MINIMUM #4 AWG SOLID COPPER GROUND WIRE (DIAMETER ≥ 0.204 INCHES)

DISTANCE BETWEEN FEMALE  
NPT BUSHING  
5/8" METER - 11 3/4" SPACE  
3/4" METER - 13 1/4" SPACE  
1" METER - 15" SPACE

FEMALE NPT BUSHING DIAMETERS  
5/8" METER: 1/2"  
3/4" METER: 3/4"  
1" METER: 1"

MINIMUM AREA REQUIRED FOR METER  
SETTING:  
4' W X 6' L X 6' H

MAXIMUM FLOW RATE:  
5/8" METER - 25 GPM  
3/4" METER - 35 GPM  
1" METER - 55 GPM

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON  
DEPARTMENT OF PUBLIC SERVICE  
WATER SUPPLY BUREAU

STANDARD MANIFOLD METER SETTING 5/8", 3/4"  
AND 1" ELECTROMAGNETIC METERS

REV. DECEMBER 13, 2023

*RAJL*  
UTILITIES ENGINEER

STANDARD CONSTRUCTION  
DRAWING NO.

M-2.0