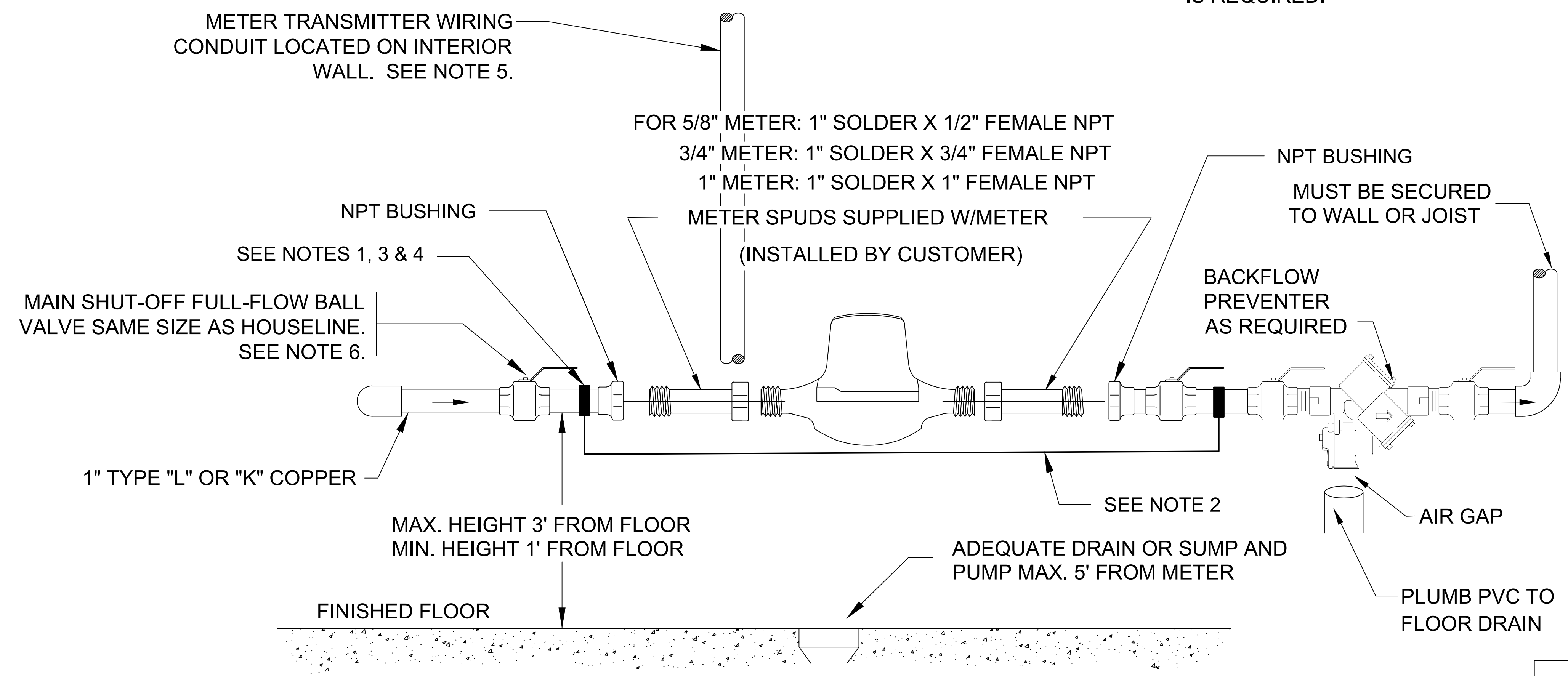


WHEN JOINING DISSIMILAR METALS A WATER DEPARTMENT APPROVED BRASS TRANSITION FITTING IS REQUIRED.

NOTES:

1. WATER METER JUMPER GROUNDING INSTALLATION SHALL COMPLY WITH NEC ARTICLE 250 REQUIREMENTS. PREPARE PIPING BY PROPERLY REMOVING ANY CORROSION OR FOREIGN COATING TO BARE METAL FOR GROUNDING CLAMP INSTALLATION. PROVIDE COMPARABLE MATERIAL GROUND CLAMP TO PIPING TO PREVENT GALVANIC CORROSION.
2. PROVIDE MINIMUM #4 AWG SOLID COPPER GROUND WIRE (DIAMETER ≥ 0.204 INCHES)
3. PROVIDE UL LISTED WATER PIPE CLAMP SIZED ACCORDINGLY FOR METALLIC PIPING ON BOTH SIDES AND MINIMUM #4 SOLID COPPER GROUND WIRE (DIAMETER ≥ 0.204 INCHES). USE CAST BRONZE OR BRASS FOR COPPER AND PLAIN OR MALLEABLE IRON FOR GALVANIZED. PROPERLY TIGHTEN ALL SCREWS.
4. CONNECT TO METALLIC WATER PIPING.
5. 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.
6. STAB AND COMPRESSION FITTINGS AND RIGHT ANGLE VALVES ARE PROHIBITED.

PLAN VIEW



ELEVATION VIEW

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

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE
WATER SUPPLY BUREAU

STANDARD METER SETTINGS - NEW
5/8", 3/4", & 1" ELECTROMAGNETIC METERS

REV. DECEMBER 13, 2023

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

RAJL
UTILITIES ENGINEER

STANDARD CONSTRUCTION
DRAWING NO.

M-1.0