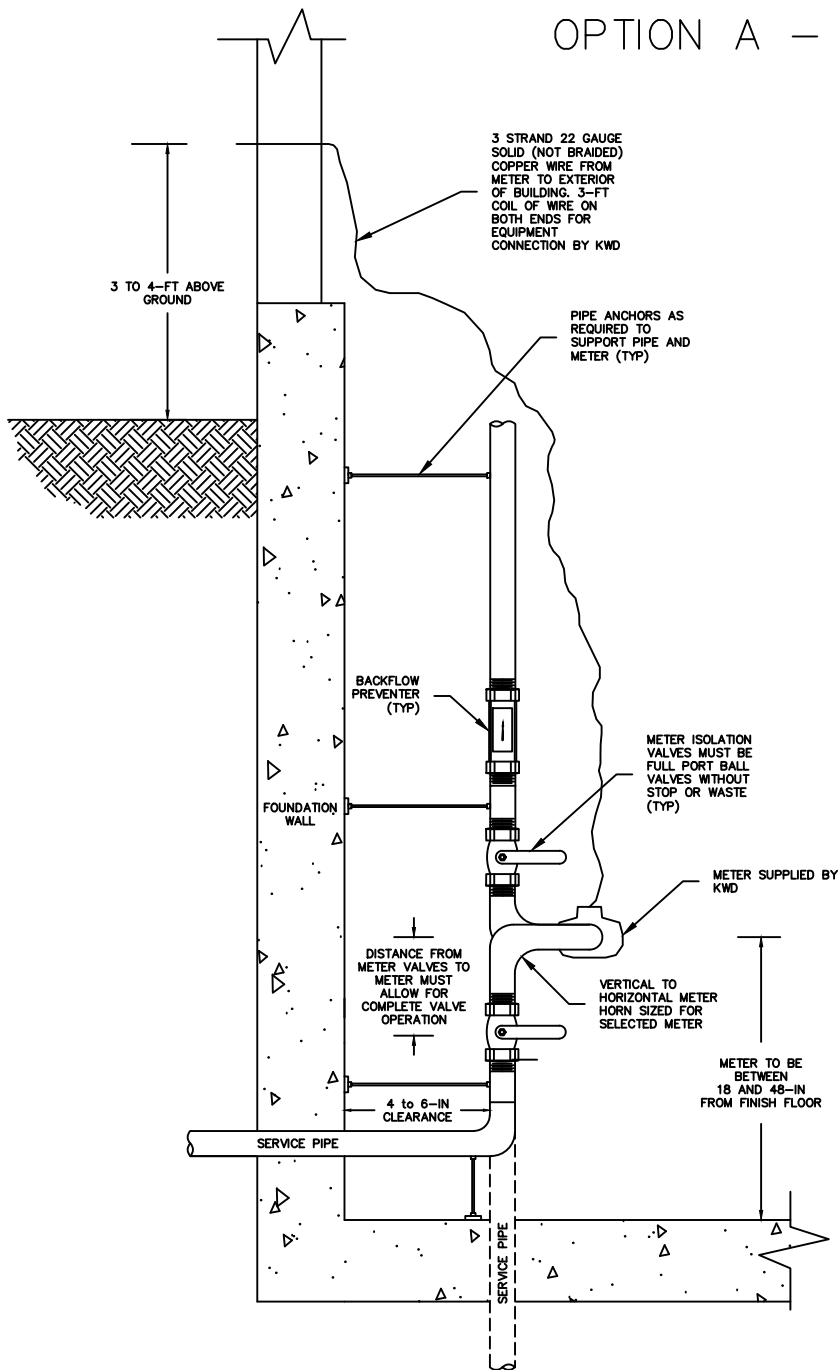



OPTION A – METER HORN



NOTES:

- FOR EXISTING STRUCTURES KENNEBEC WATER DISTRICT (KWD) PERSONNEL WILL SUPPLY AND INSTALL WATER METER AND READING EQUIPMENT. FOR NEW STRUCTURES REQUIRING A WATER SERVICE, THE CUSTOMER SHALL PAY FOR THE METER AND READING EQUIPMENT. METER AND READING EQUIPMENT WILL REMAIN THE PROPERTY OF KWD.
- THE CUSTOMER WILL PROVIDE ALL MATERIALS OTHER THAN THE METER AND READING EQUIPMENT. METER HORNS SHALL BE INSTALLED IN VERTICAL PIPING AND PROVIDE A HORIZONTAL PLANE FOR THE METER TO BE INSTALLED.
- THE METER SHALL BE INSTALLED WITHIN 48-IN FROM WHERE THE WATER SERVICE FIRST PENETRATES THE FLOOR OR WALL OF THE STRUCTURE, UNLESS APPROVED IN WRITING BY KWD. THE METER SHALL HAVE 4 TO 6-IN CLEARANCE FROM ANY WALLS AND BE 18 TO 48-IN FROM THE FINISHED FLOOR.
- PIPING ON BOTH SIDES OF METER MUST BE RIGID WITH AT LEAST TWO POINTS OF SUPPORT ON EACH SIDE.
- THE METER SHALL NOT BE PERMANENTLY ENCLOSED AND HAVE A MINIMUM OF 2-FT OF WORKING SPACE AROUND THE METER. METER MUST BE IN A WARM, DRY AND ACCESSIBLE LOCATION.
- ACCESSIBLE LOCATIONS SHALL INCLUDE BASEMENTS WHICH ARE WELL LIT AND ACCESSED BY MEANS OF A SECURE/STABLE STAIRCASE, BULKHEAD OR DOOR TO THE OUTSIDE. ACCESS VIA LADDER SHALL NOT BE CONSIDERED ACCESSIBLE. HEAD ROOM SHALL BE 5-FT OR GREATER. METERS SHALL NOT BE LOCATED IN CRAWL SPACES.
- BACKFLOW PREVENTION IS REQUIRED BY KWD PER CROSS-CONNECTION CONTROL POLICY. TYPE OF SERVICE AND DEGREE OF CROSS-CONNECTION HAZARD WILL DETERMINE THE DEVICE. BACKFLOW DEVICE SHALL BE DESIGNED FOR WHOLE BUILDING CONTAINMENT (NON-VENTED) AND INSTALLED DOWNSTREAM OF METER AND METER ISOLATION VALVE. A WHOLE PART DUAL CHECK BACKFLOW PREVENTION DEVICE IS REQUIRED AT A MINIMUM.
- THERMAL EXPANSION SHOULD BE ADDRESSED BY CUSTOMER OR CUSTOMER'S PLUMBER. CHECK LOCAL PLUMBING CODES FOR REQUIREMENTS.
- PRESSURE REDUCING VALVES SHALL BE INSTALLED AS NECESSARY TO MEET CUSTOMERS NEEDS. PRESSURE REDUCING VALVES SHALL BE LOCATED DOWNSTREAM OF THE BACKFLOW PREVENTION DEVICE.
- NO GROUND CLAMPS SHALL BE ATTACHED TO THE METER OR METER COUPLINGS.

REVISION			
DATE			
TYPICAL HORIZONTAL RESIDENTIAL METER INSTALLATION 5/8" TO 1"		SCALE: NTS	
DATE: DEC. 2022			
		SINCE 1899	