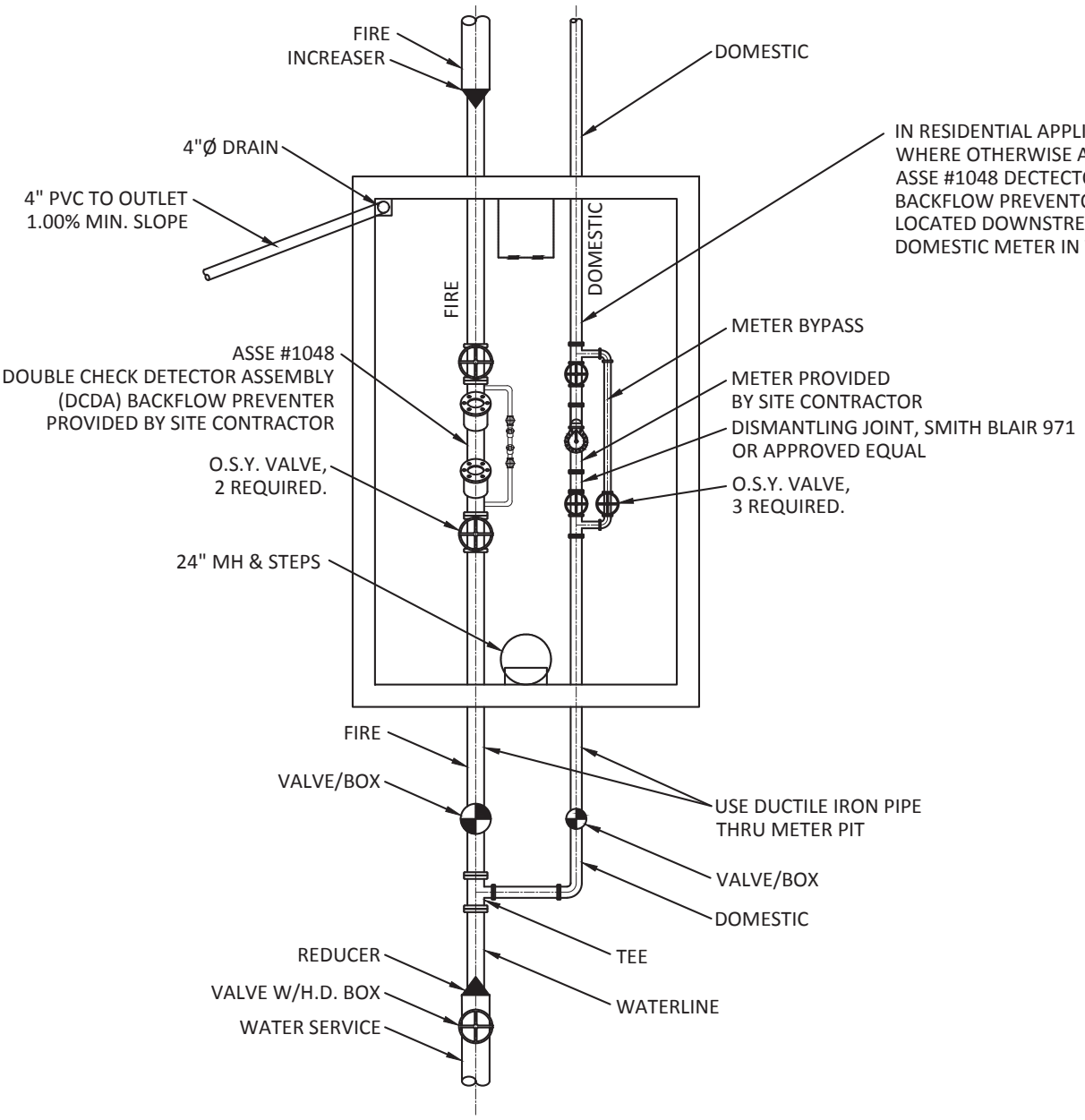


METER VAULTS - 3" THROUGH 12"

MATERIAL

1. THE ISOLATION VALVES SHALL BE FLANGED RESILIENT WEDGE OS & Y TYPE VALVES, AMERICAN FLOW CONTROL SERIES 2800 OR PRE-APPROVED EQUAL.
2. ALL 2" AND LARGER METERS SHALL HAVE A FLANGED Z-PLATE STRAINER DIRECTLY PRIOR TO THE WATER METER.
3. ALL VAULTS SHALL HAVE GRAVITY DRAIN.
4. BACKFILL FOR THE METER VAULT SHALL BE ODOT #57 STONE.
5. THE PROPERTY OWNER SHALL CONTACT THE CITY TO OBTAIN CURRENT INFORMATION ON WHERE TO PURCHASE 3" AND LARGER DOMESTIC WATER METERS. THE METER IS TO BE SENT TO THE CITY OF DELAWARE 2 DAYS PRIOR TO THE INTENDED INSTALLATION DATE: DEPARTMENT OF PUBLIC UTILITIES, WATER DISTRIBUTION DIVISION.

INSTALLATION

1. THE METER VAULT IS TO BE INSTALLED PER THE CITY OF DELAWARE DRAWINGS AND SPECIFICATIONS.
2. THE PROPERTY OWNER SHALL CONFIRM THAT THE ELEVATION OF THE GRAVITY DRAIN DISCHARGE POINT WILL DRAIN THE VAULT.
3. THE CITY OF DELAWARE WILL DELIVER THE WATER METER TO THE JOB SITE UPON REQUEST BY THE PROPERTY OWNER.
4. THE METER IS TO BE INSTALLED SUCH THAT THERE ARE 5 PIPE DIAMETERS OF STRAIGHT PIPE UPSTREAM OF THE METER STRAINER (INCLUDING THE VALVE) TO THE TEE AND 3 PIPE DIAMETERS OF STRAIGHT PIPE DOWNSTREAM OF THE METER (FROM THE METER TO THE VALVE).
5. ALL MECHANICAL JOINTS WITHIN THE METER VAULT SHALL BE FACTORY MANUFACTURED FLANGES; NO UNI-FLANGES ARE PERMITTED.
6. ALL JOINTS AND FITTINGS LOCATED ON THE SUPPLY SIDE WITH 20 FEET OF THE METER VAULT SHALL BE RESTRAINED USING AN APPROVED MECHANICAL JOINT RESTRAINT.

EST 1808 CITY OF DELAWARE OHIO Public Works Department	STANDARD DETAIL 3" TO 12" DUAL METER SETTING DETAIL	WATER WTRD-17.0 Rev. 12/31/2018