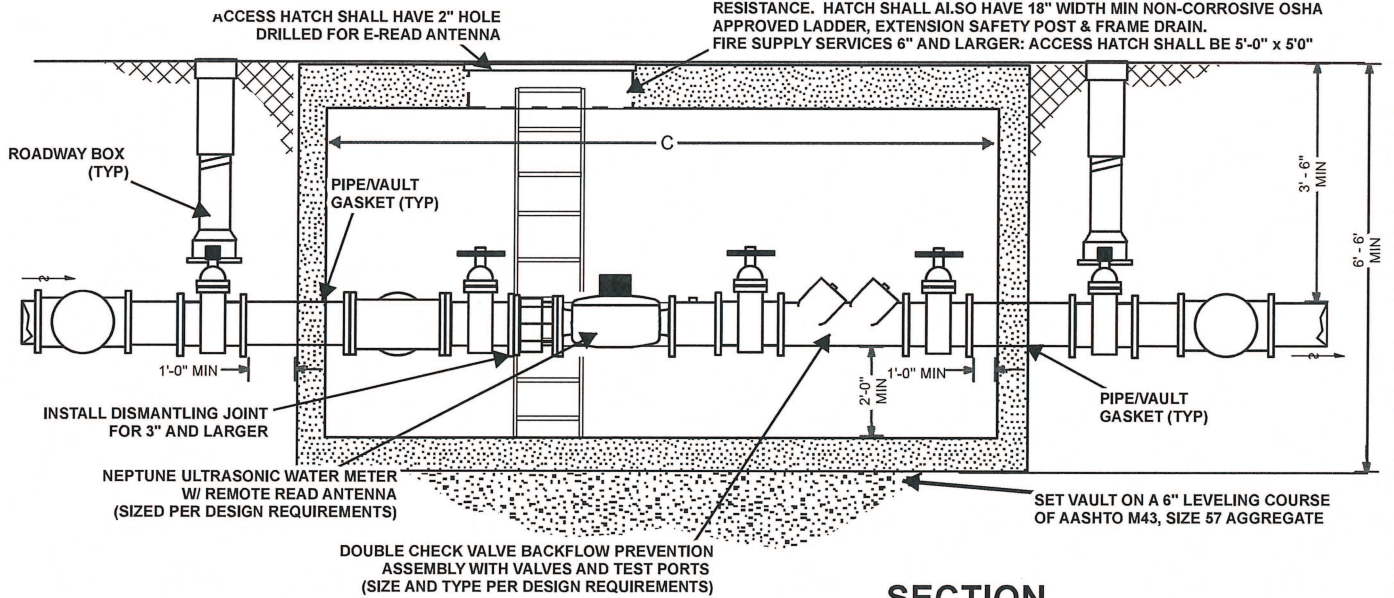


PLAN

LIMIT OF CITY OF ABERDEEN MAINT. & RESPONSIBILITY. (ALL ITEMS WITHIN VAULT OTHER THAN THE METER ITSELF ARE THE RESPONSIBILITY OF THE PROPERTY OWNER.)

ALL PIPE OUTSIDE OF VAULT SHALL BE STRAPPED OR RESTRAINED MECHANICAL JOINT D.I.P.

FOR FIRE SUPPLY SERVICE LESS THAN 6": PROVIDE 4'-0" x 4'-0" ACCESS HATCH w/H-20 LOAD DESIGN, w/BUILT IN PNEUMATIC CYLINDER TO KEEP HATCH OPEN UNDER RESISTANCE. HATCH SHALL ALSO HAVE 18" WIDTH MIN NON-CORROSIVE OSHA APPROVED LADDER, EXTENSION SAFETY POST & FRAME DRAIN. FIRE SUPPLY SERVICES 6" AND LARGER: ACCESS HATCH SHALL BE 5'-0" x 5'-0"

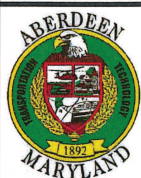


SECTION

NOTES:

1. PERMANENT BRICK, CONCRETE OR APPROVED PRECAST PIPE SUPPORTS (NOT SHOWN) TO BE PLACED UNDER ALL FLANGED FITTINGS AND AS DIRECTED BY CITY AND COUNTY.
2. LOADS: LL = AASHTO H-20, D.L = EARTH @ 110 LBS PER CU FT AND 42 LBS PER CU FT EQUIVALENT FLUID PRESSURE. CONCRETE AND REINFORCING SHALL CONFORM TO STANDARD SPECIFICATIONS.
3. PROVIDE POSITIVE DRAINAGE AWAY FROM VAULT.
4. FOR INTERIOR COMMERCIAL INSTALLATION, A REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY MAY BE REQUIRED.
5. ALL PIPE WITHIN THE VAULT SHALL BE FLANGED. FLANGES AND METERS SHALL RECEIVE STAINLESS STEEL BOLTS AND BRASS NUTS.
6. ALL FITTINGS TO BE BRASS OR DUCTILE IRON.
7. SUMP SHALL HAVE AN 8" MIN DIA AND A 4" MIN DEPTH.
8. PRIOR TO ORDERING THE METER AND BACKFLOW PREVENTER, THE CONTRACTOR SHALL MEET WITH CITY AND COUNTY PERSONNEL TO DISCUSS THE INSTALLATION REQUIREMENTS.
- 9.

FIRE SERVICE BACKFLOW PREVENTER SIZE	A	B	C
3"	72	24	96
4"	73	31	108
6"	74	34	126
8"	78	36	138
10"	78	36	156



CITY OF ABERDEEN
DEPARTMENT OF PUBLIC WORKS

Kyle Josts

STANDARD WATER DETAILS

OPEN SYSTEM
DOMESTIC WATER SERVICE
WITH FIRE SUPPLY

CITY OF ABERDEEN
ADDENDUM TO
HARFORD COUNTY
STANDARD DETAILS

PLATE **W-24a**