



MAIN SIZE	A	B	C	D	E	F
4"	1' 0"	1' 8"	SPOOL PIECE VARIES	4' 4 3/8"	1' 0"	10' 0"
6"	1' 0"	2' 0"		5' 2 7/8"	1' 0"	10' 0"
8"	1' 0"	2' 6 1/8"		6' 3"	1' 0"	12' 0"
10"	1' 0"	3' 5 1/8"		7' 6"	1' 0"	14' 0"
4" FIRE	1' 0"	2' 9"		4' 4 3/8"	1' 0"	10' 0"
6" FIRE	1' 0"	3' 9"		5' 2 7/8"	1' 0"	12' 0"
8" FIRE	1' 0"	4' 5"		6' 3"	1' 0"	14' 0"
10" FIRE	1' 0"	5' 8"	7' 6"	1' 0"	16' 0"	

- NOTES
- 1" TAPS REQUIRED UPSTREAM AND DOWNSTREAM, ALL PIPES AND FITTINGS SHALL BE FLANGED AND SHALL CONFORM TO ANSI/AWWA C115/A21.15 AND SHALL HAVE OUTSIDE BITUMINOUS COATING AND A DOUBLE CEMENT LINING CONFORMING TO ANSI/AWWA C104/A21.4.
  - ALL METER VAULT COVERS AND LIDS SHALL BE HEAVY DUTY. NO CENTER BRACE SHALL BE PERMITTED IN COVER FRAME. VAULT COVER SHALL MEASURE 24" X 48" AND COMPLY TO R1877E1 NEENAM OR EQUAL.
  - FOR METER READER ACCESS A 32" DI COVER MUST BE INSTALLED IN CORNER OF VAULT. ACCESS COVER TO CONFORM TO PAMREX 32DIMH OR EQUAL. ACCESS COVER SHALL WEIGH LESS THAN 170LBS AND BE MARKED CLEARLY WITH "WATER". LADDER TO BE DIRECTLY UNDER COVER.
  - PRE-CAST VAULTS USE CAST IRON STEPS R1980 T NEENAH OR EQUAL. BOLTING TO BE INSTALLED IN VERTICAL AT 16" CENTERS. A SUMP PIT SHALL BE INSTALLED NEAR BUT NOT UNDER LADDER. NO MECHANICAL JOINT FITTING ALLOWED IN VAULT.
  - PRE-CAST CONCRETE STRUCTURE SHALL BE WATER TIGHT. CONTRACTOR WILL BE REQUIRED TO TAKE SUCH MEANS NECESSARY TO CORRECT ANY AND ALL LEAKAGE THRU FLOORS OR WALLS OF STRUCTURE WITHOUT ADDITIONAL COMPENSATION.
  - METER TO BE PURCHASED FROM DISTRICT OWNER TO PROVIDE ALL OTHER COMPONENTS MEETING DISTRICT SPECIFICATIONS.
  - METER AND PIPING TO BE SET BEFORE INSTALLING ROOF SLAB.

**TYPICAL 4" AND LARGER METER VAULT DETAIL**  
NTS

DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 PROJECT NO.: \_\_\_\_\_  
 SCALE: \_\_\_\_\_

BRUNSWICK & TOPSHAM  
**WATER DISTRICT**  
 PO BOX 489  
 TOPSHAM, ME 04086



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 TOPSHAM, ME  
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