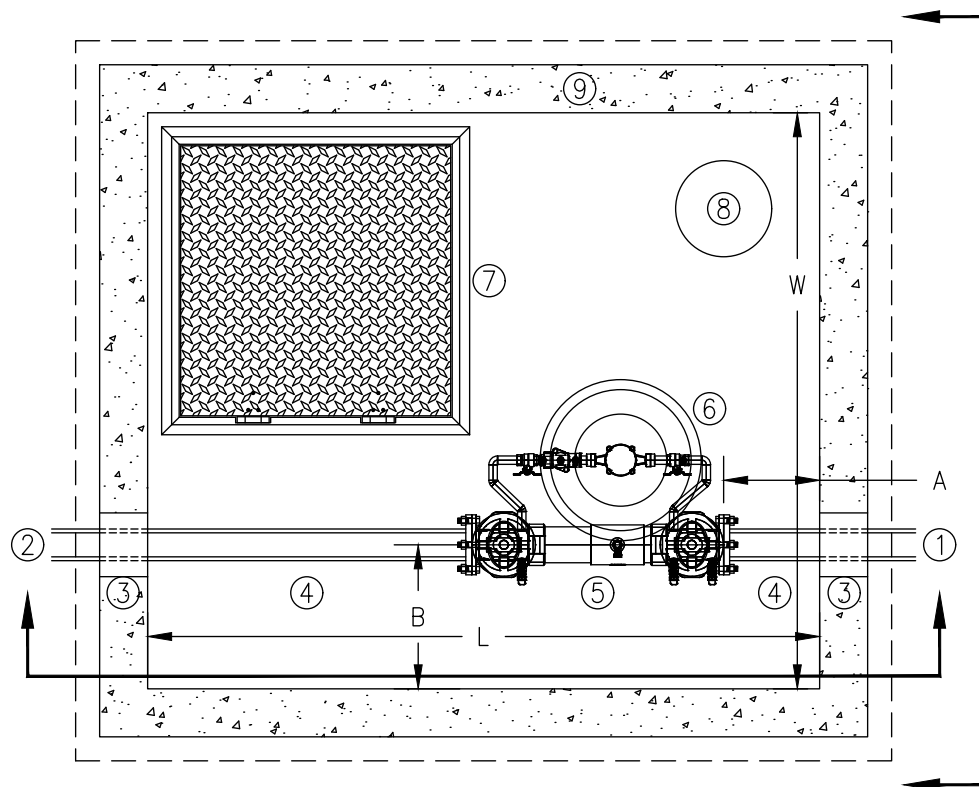




PLAN VIEW

NOTES:

- | | | | |
|---|---|---|---|
| 1 | INLET | A | CLEAR DISTANCE, 12" MINIMUM |
| 2 | OUTLET | B | CLEAR DISTANCE = FLANGE DIA./2 + 12", 18" MINIMUM |
| 3 | WALL SLEEVE, 2" GREATER THAN SUPPLY PIPE DIAMETER | L | VAULT LENGTH PER VAULT SUPPLIER/DESIGNER |
| 4 | FLANGE X PLAIN END WALL PIPE | W | VAULT WIDTH PER VAULT SUPPLIER/DESIGNER |
| 5 | DOUBLE CHECK DETECTOR BACKFLOW ASSEMBLY | | |
| 6 | FORD A32PR-BR INSPECTION RING, CENTERED OVER DETECTOR METER | | |
| 7 | 30"x30" ACCESS HATCH | | |
| 8 | SUMP HOLE | | |
| 9 | CONCRETE VAULT, PRECAST OR CAST-IN-PLACE DESIGN BY OTHERS | | |

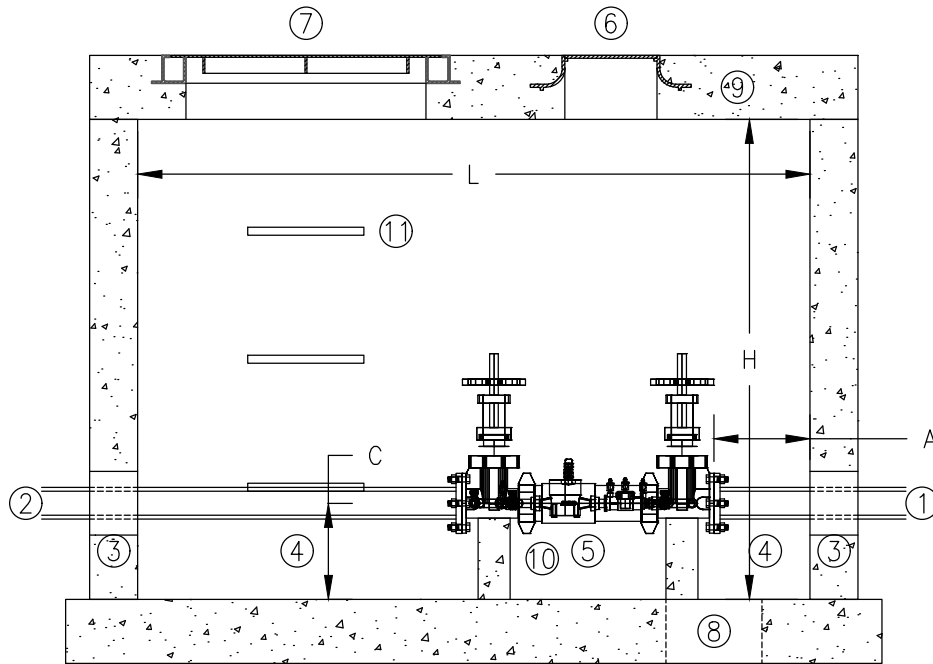
ALL NUTS AND BOLTS SHALL BE STAINLESS STEEL GRADE 304 OR BETTER, COATED TO PREVENT GALLING AND SEIZING.
FLANGE GASKETS SHALL BE $\frac{1}{8}$ " THICK 150 LB. RED RUBBER.

SHEET 1 OF 3

BACKFLOW VAULT DETAIL – 3" AND LARGER

SCALE: NONE | DATE: 04-01-25 | REV.: 5

REV. BY: APE | APPROVED: APE



SECTION A-A

NOTES:

- | | | | |
|---|---|----|---|
| 1 | INLET | 10 | CONCRETE PIPE SUPPORT |
| 2 | OUTLET | 11 | STEPS, MA INDUSTRIES PS2-PF-DF OR EQUAL, (OPTIONAL) |
| 3 | WALL SLEEVE, 2" GREATER THAN SUPPLY PIPE DIAMETER | A | CLEAR DISTANCE, 12" MINIMUM |
| 4 | FLANGE X PLAIN END WALL PIPE | C | CLEAR DISTANCE = FLANGE DIA./2 + 12", 18" MINIMUM |
| 5 | DOUBLE CHECK DETECTOR BACKFLOW ASSEMBLY | L | VAULT LENGTH PER VAULT SUPPLIER/DESIGNER |
| 6 | FORD A32PR-BR INSPECTION RING, CENTERED OVER DETECTOR METER | H | VAULT HEIGHT PER VAULT SUPPLIER/DESIGNER, 5'-0" MINIMUM |
| 7 | 30"x30" ACCESS HATCH | | |
| 8 | SUMP HOLE | | |
| 9 | CONCRETE VAULT, PRECAST OR CAST-IN-PLACE DESIGN BY OTHERS | | |

ALL NUTS AND BOLTS SHALL BE STAINLESS STEEL GRADE 304 OR BETTER, COATED TO PREVENT GALLING AND SEIZING.
FLANGE GASKETS SHALL BE $\frac{1}{8}$ " THICK 150 LB. RED RUBBER.

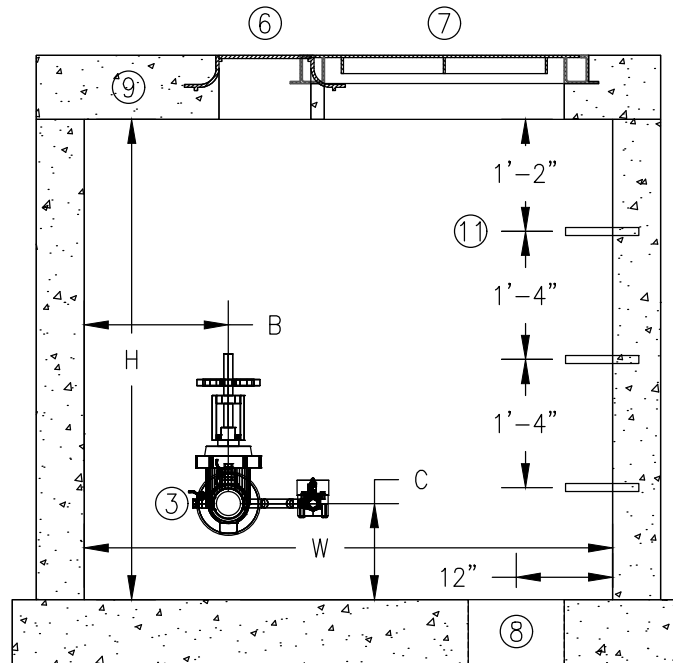
SHEET 2 OF 3

BACKFLOW VAULT DETAIL - 3" AND LARGER

SCALE: NONE DATE: 04-01-25 REV.: 5

REV. BY: APE APPROVED: APE





SECTION B-B

NOTES:

- | | | | |
|----|---|---|---|
| 3 | WALL SLEEVE, 2" GREATER THAN SUPPLY PIPE DIAMETER | W | VAULT WIDTH PER VAULT SUPPLIER/DESIGNER |
| 6 | FORD A32PR-BR INSPECTION RING, CENTERED OVER DETECTOR METER | H | VAULT HEIGHT PER VAULT SUPPLIER/DESIGNER, 5'-0" MINIMUM |
| 7 | 30"x30" ACCESS HATCH | | |
| 8 | SUMP HOLE | | |
| 9 | CONCRETE VAULT, PRECAST OR CAST-IN-PLACE DESIGN BY OTHERS | | |
| 11 | STEPS, MA INDUSTRIES PS2-PF-DF OR EQUAL, (OPTIONAL) | | |
| B | CLEAR DISTANCE = FLANGE DIA./2 + 12", 18" MINIMUM | | |
| C | CLEAR DISTANCE = FLANGE DIA./2 + 12", 18" MINIMUM | | |

ALL NUTS AND BOLTS SHALL BE STAINLESS STEEL GRADE 304 OR BETTER, COATED TO PREVENT GALLING AND SEIZING.
FLANGE GASKETS SHALL BE $\frac{1}{8}$ " THICK 150 LB. RED RUBBER.

SHEET 3 OF 3

BACKFLOW VAULT DETAIL - 3" AND LARGER

SCALE: NONE | DATE: 04-01-25 | REV.: 5

REV. BY: APE | APPROVED: APE

