

1. PUBLIC WATER MAIN
2. IRON PIPE THREAD TAPPING SADDLE CONFORMING TO SECTION 2902.6.5.
3. 4" RED BRASS NIPPLE SCH.40, 200 PSI MIN. CONFORMING TO ALL APPLICABLE REQUIREMENTS OF ASTM B687-88 AND ANSI/ASME B1.20.1.
4. CURB STOP CONFORMING TO SECTION 2902.3.
5. VALVE BOX AND COVER CONFORMING TO SECTION 2902.3.11.
6. FIRE LINE PIPING (CONTINUOUS), SIZING PROVIDED BY APPLICANT. PIPE MATERIAL SHALL CONFORM WITH SECTION 2902.2.
7. BACKFLOW MANHOLE CONFORMING TO BACKFLOW MANHOLE DETAIL 2" AND SMALLER IF REQUIRED PER SECTION 5907.2.
8. EXISTING TRACER WIRE ON PUBLIC WATER MAIN
9. TRACER WIRE CONNECTOR OR 1LB ANODE CONFORMING TO SECTION 2902.8. ANODE REQUIRED ONLY WHEN NO TRACER WIRE IS AVAILABLE TO CONNECT TO ON THE EXISTING PUBLIC WATER MAIN.
10. TRACER WIRE CONFORMING TO SECTION 2902.8.

NOTES:

BACKFLOW PREVENTION DEVICE SHALL BE COMMENSURATE WITH THE HAZARD POSED TO THE PUBLIC WATER SUPPLY SYSTEM AND IS SUBJECT TO APPROVAL BY THE DEPARTMENT OF MUNICIPAL SERVICES AND OPERATIONS.

ALL SECTION REFERENCES LISTED ABOVE REFER TO CITY OF LAWRENCE CONSTRUCTION AND MATERIAL SPECIFICATIONS SECTION 2900 – WATERLINES, LATEST EDITION.

SHEET 1 OF 4

LONG SERVICE
BACKFLOW LOCATED OUTSIDE OF BUILDING
2" AND SMALLER FIRELINE CONNECTION DETAIL

SCALE: NONE

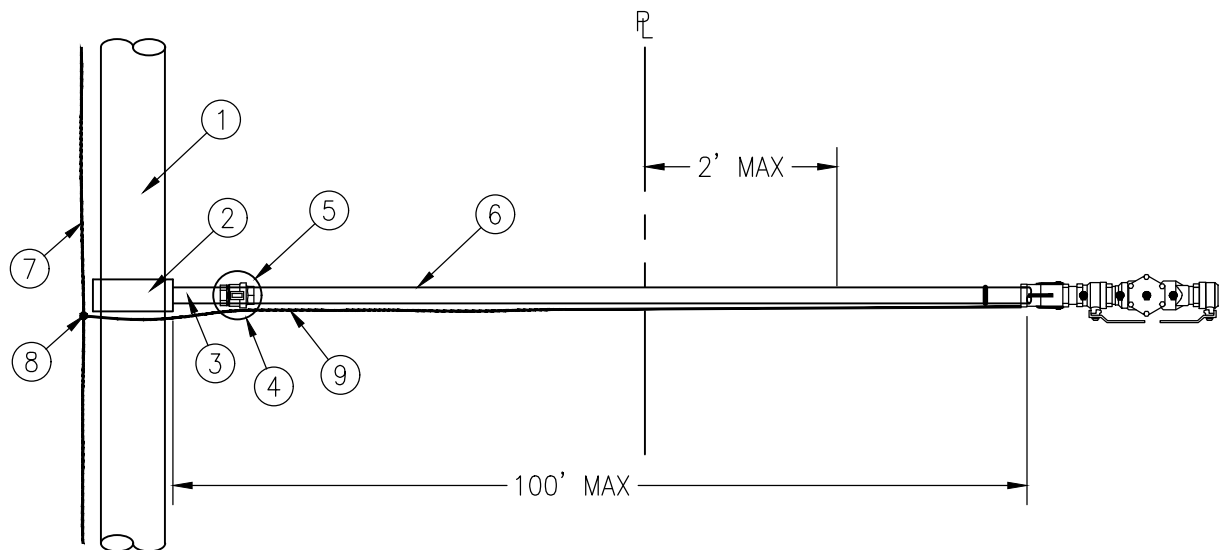
DATE: 04-01-25

REV.: 5

REV. BY: APE

APPROVED: APE





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SHEET 2 OF 4

SHORT SERVICE
BACKFLOW LOCATED INSIDE OF BUILDING
2" AND SMALLER FIRELINE CONNECTION DETAIL

SCALE: NONE

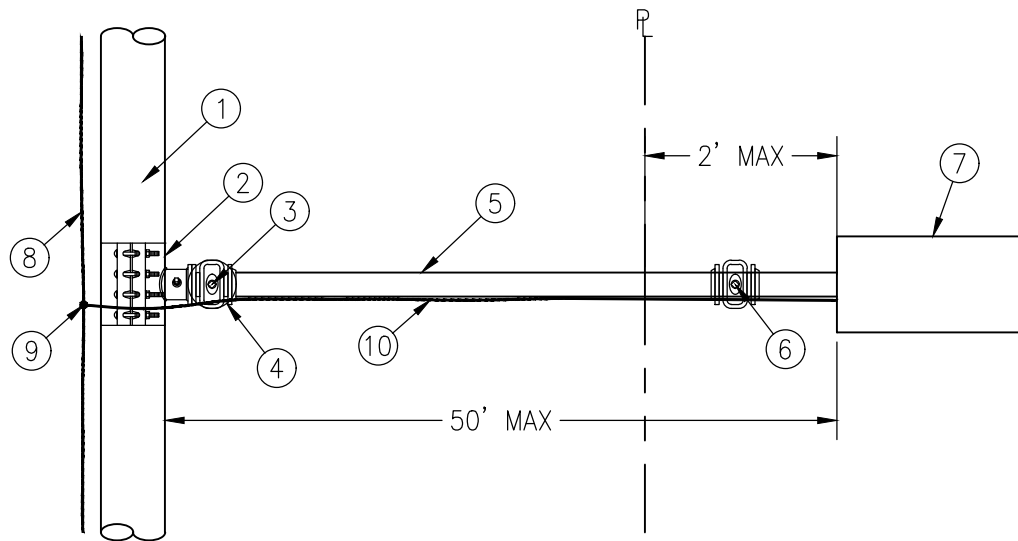
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1. PUBLIC WATER MAIN
2. TAPPING SLEEVE CONFORMING TO SECTION 2902.6.6.
3. VALVE CONFORMING TO SECTION 2902.3.7.
4. VALVE BOX AND COVER CONFORMING TO SECTION 2902.3.
5. FIRE LINE PIPING, SIZING PROVIDED BY APPLICANT. PIPE MATERIAL SHALL CONFORM WITH SECTION 2902.2.
6. POST INDICATOR VALVE (PRIVATE)
7. BACKFLOW VAULT CONFORMING TO BACKFLOW VAULT DETAIL 3" AND LARGER, IF REQUIRED PER SECTION 5907.2.
8. EXISTING TRACER WIRE ON PUBLIC WATER MAIN
9. TRACER WIRE CONNECTOR OR 1LB ANODE CONFORMING TO SECTION 2902.8. ANODE REQUIRED ONLY WHEN NO TRACER WIRE IS AVAILABLE TO CONNECT TO ON THE EXISTING PUBLIC WATER MAIN.
10. TRACER WIRE CONFORMING TO SECTION 2902.8.

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SHEET 3 OF 4

FIRELINE SERVICE
BACKFLOW LOCATED OUTSIDE OF BUILDING
3" AND LARGER FIRELINE CONNECTION DETAIL

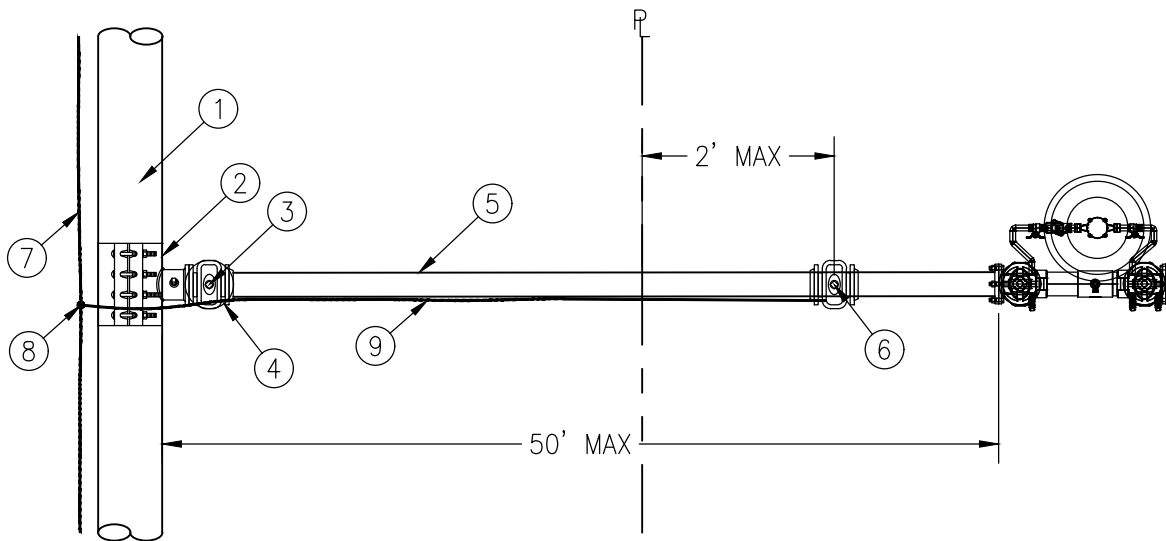
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SHEET 4 OF 4

FIRELINE SERVICE
BACKFLOW LOCATED INSIDE OF BUILDING
3" AND LARGER FIRELINE CONNECTION DETAIL

SCALE: NONE

DATE: 04-01-25

REV.: 5

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