

1. PUBLIC WATER MAIN
2. TAPPING SADDLE CONFORMING TO SECTION 2902.6.5.
3. CORPORATION STOP CONFORMING TO SECTION 2902.3.
4. FIRE LINE PIPING (CONTINUOUS), SIZING PROVIDED BY APPLICANT. PIPE MATERIAL SHALL CONFORM WITH SECTION 2902.2.
5. METER, METER SETTER, METER TILE, RING, AND LID CONFORMING TO SECTION 2902.6.7. METER REQUIRED FOR FIRELINES 1 INCH AND SMALLER ONLY.
6. CURB STOP (PRIVATE) CONFORMING TO SECTION 2902.3, NOT REQUIRED WHEN FIRELINE IS METERED
7. VALVE BOX AND COVER CONFORMING TO SECTION 2902.3.11
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 UTILITIES.

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

SHORT SERVICE BACKFLOW LOCATED INSIDE OF BUILDING

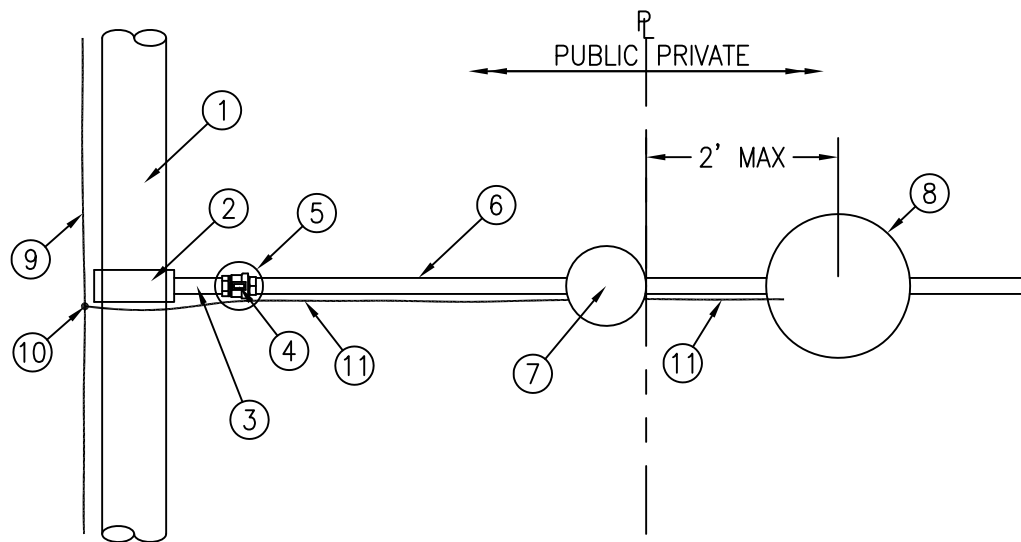
2" AND SMALLER FIRELINE CONNECTION DETAIL

SCALE: NONE	DATE: MAR. 2015	REV.: 4
REV. BY: APE	APPROVED: APE	



City of Lawrence

UTILITIES



1. PUBLIC WATER MAIN
2. 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. METER, METER SETTER, METER TILE, RING, AND LID CONFORMING TO SECTION 2902.6.7. METER REQUIRED FOR FIRELINES 1 INCH AND SMALLER ONLY.
8. BACKFLOW MANHOLE CONFORMING TO BACKFLOW MANHOLE DETAIL 2" AND SMALLER IF REQUIRED PER SECTION 5907.2.
9. EXISTING TRACER WIRE ON PUBLIC WATER MAIN
10. 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.
11. 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 UTILITIES.

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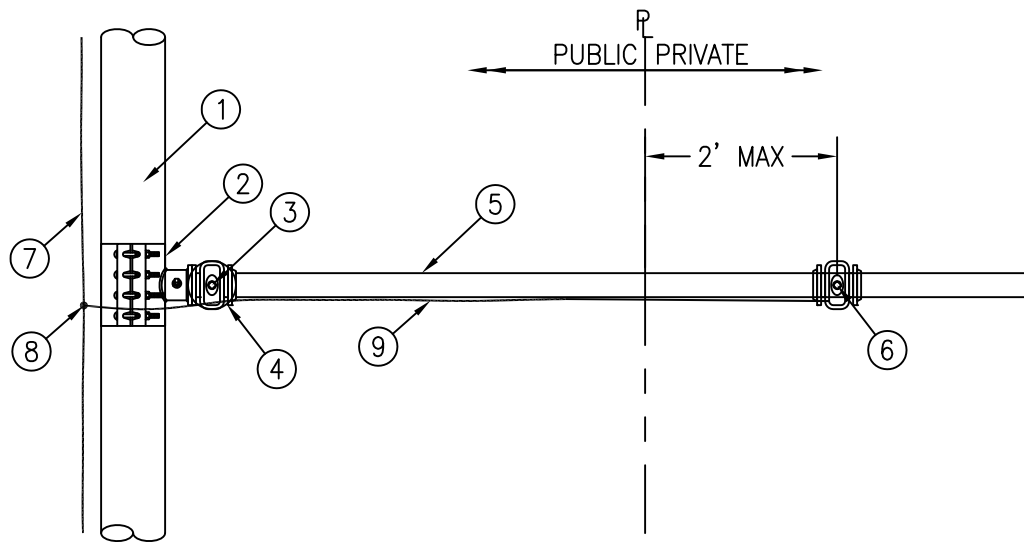
LONG SERVICE BACKFLOW LOCATED OUTSIDE OF BUILDING

2" AND SMALLER FIRELINE CONNECTION DETAIL

SCALE: NONE	DATE: MAR. 2015	REV.: 4
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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), IF REQUIRED.
7. EXISTING TRACER WIRE ON PUBLIC WATER MAIN
8. 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.
9. 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 UTILITIES.

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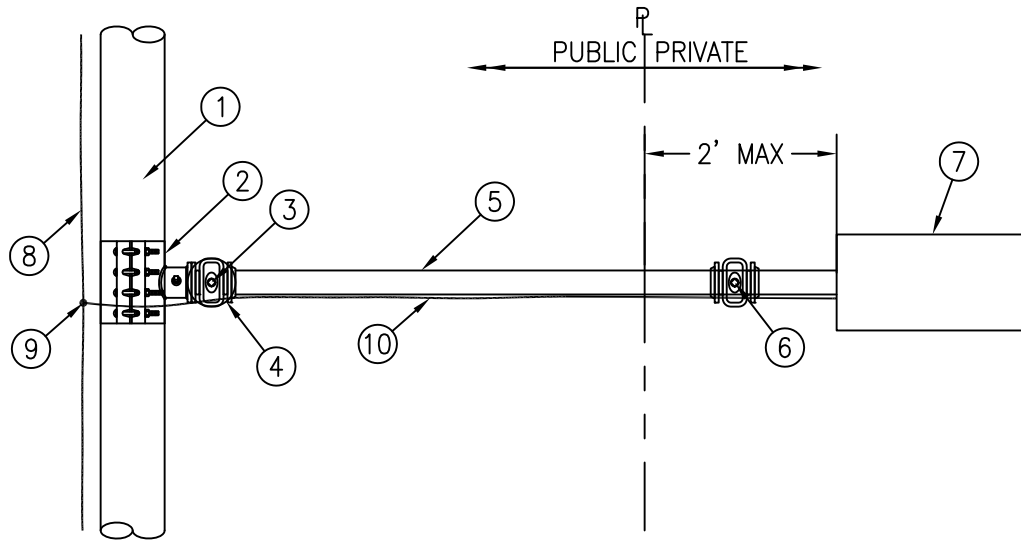
FIRELINE SERVICE BACKFLOW LOCATED INSIDE OF BUILDING

3" AND LARGER FIRELINE CONNECTION DETAIL

SCALE: NONE	DATE: MAR. 2015	REV.: 4
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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), IF REQUIRED
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.

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 UTILITIES.

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FIRELINE SERVICE BACKFLOW LOCATED OUTSIDE OF BUILDING

3" AND LARGER FIRELINE CONNECTION DETAIL

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