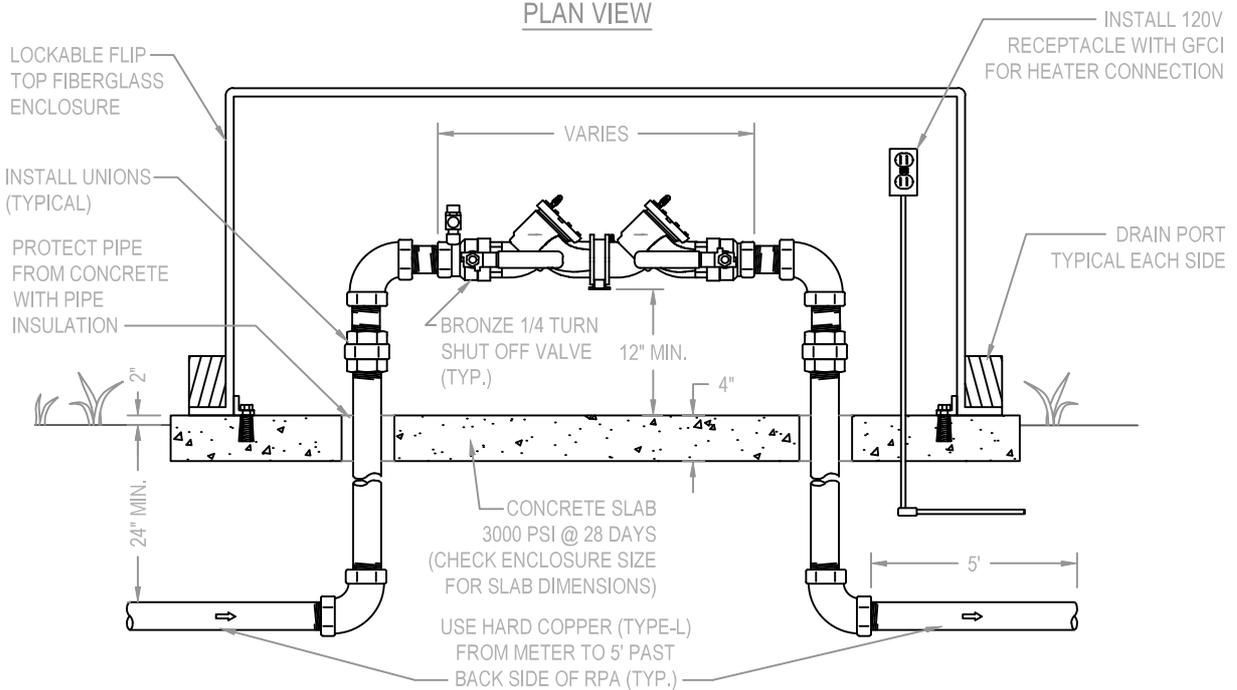


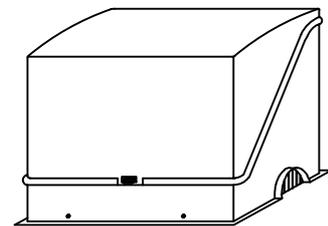
PLAN VIEW



SECTION X-X

NOTE:

1. AFTER INSTALLATION, ALL BACKFLOW ASSEMBLIES WILL BE MAINTAINED BY THE CUSTOMER AND TESTED ANNUALLY BY A CERTIFIED TESTER.
2. ENSURE ASSEMBLY WILL FIT WITHIN AN APPROVED ENCLOSURE. CHECK DIMENSIONS BEFORE ORDERING ENCLOSURE.
3. SLOPE CONCRETE/ OR POLY PAD TO DRAIN PORTS.
4. ASSEMBLY SHALL BE PLACED ON CUSTOMER'S PROPERTY BEHIND THE METER BOX AND INSTALLED WITH A 120V GFCI RECEPTACLE.
5. ASSEMBLY SHALL BE ACCESSIBLE BY CITY INSPECTORS AND CERTIFIED TESTERS.
6. NO GALVANIZED OR PLASTIC PIPE OR FITTINGS.
7. TYPE-L HARD COPPER MUST BE INSTALLED FROM THE METER TO THE COPPER RISERS AND 5' FROM THE BACK SIDE, AND THE RISERS MUST HAVE UNIONS INSTALLED ON EACH SIDE.



ISOMETRIC VIEW OF TYPICAL ENCLOSURE



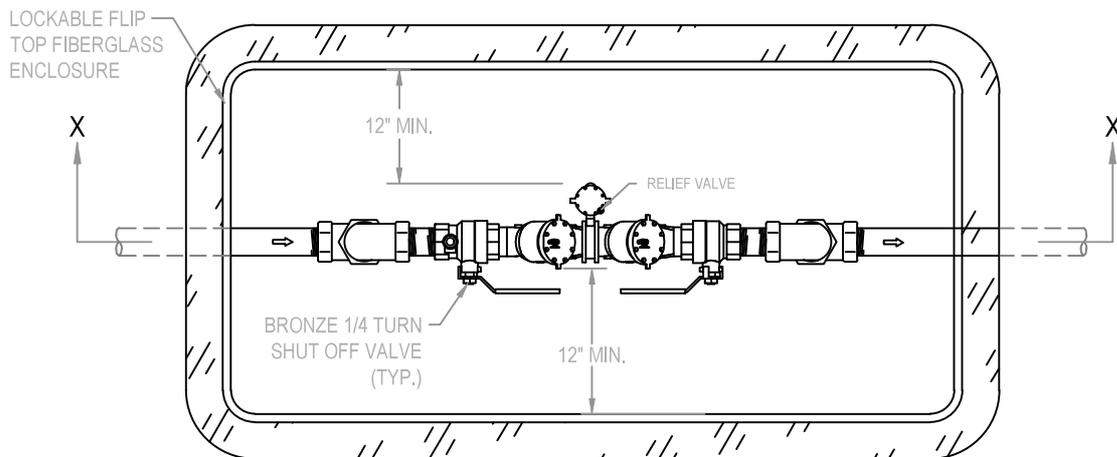
CITY OF STATESVILLE

PUBLIC WORKS DEPARTMENT

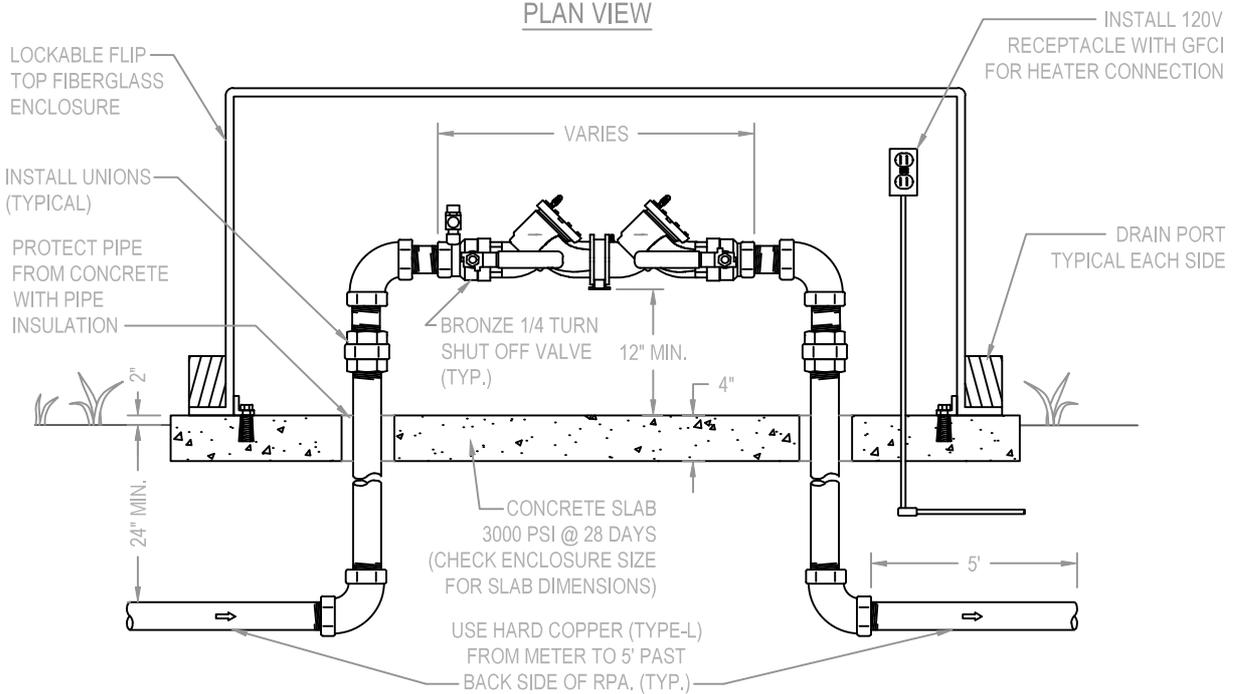
WATER LINE

3/4" to 1-1/2" Reduced Pressure Assembly (High Hazard Applications)

DETAIL #	REVISED
W-10D	NOV 2019
SCALE:	SHEET #
N.T.S.	1 OF 1



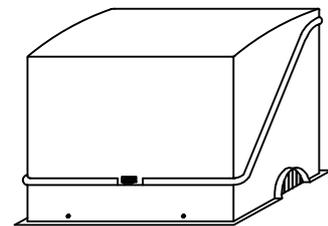
PLAN VIEW



SECTION X-X

NOTE:

1. AFTER INSTALLATION, ALL BACKFLOW ASSEMBLIES WILL BE MAINTAINED BY THE CUSTOMER AND TESTED ANNUALLY BY A CERTIFIED TESTER.
2. ENSURE ASSEMBLY WILL FIT WITHIN AN APPROVED ENCLOSURE. CHECK DIMENSIONS BEFORE ORDERING ENCLOSURE.
3. SLOPE CONCRETE/ OR POLY PAD TO DRAIN PORTS.
4. ASSEMBLY SHALL BE PLACED ON CUSTOMER'S PROPERTY BEHIND THE METER BOX AND INSTALLED WITH A 120V GFCI RECEPTACLE.
5. ASSEMBLY SHALL BE ACCESSIBLE BY CITY INSPECTORS AND CERTIFIED TESTERS.
6. NO GALVANIZED OR PLASTIC PIPE OR FITTINGS.
7. TYPE-L HARD COPPER MUST BE INSTALLED FROM THE METER TO THE COPPER RISERS AND 5' FROM THE BACK SIDE, AND THE RISERS MUST HAVE UNIONS INSTALLED ON EACH SIDE.



ISOMETRIC VIEW OF TYPICAL ENCLOSURE



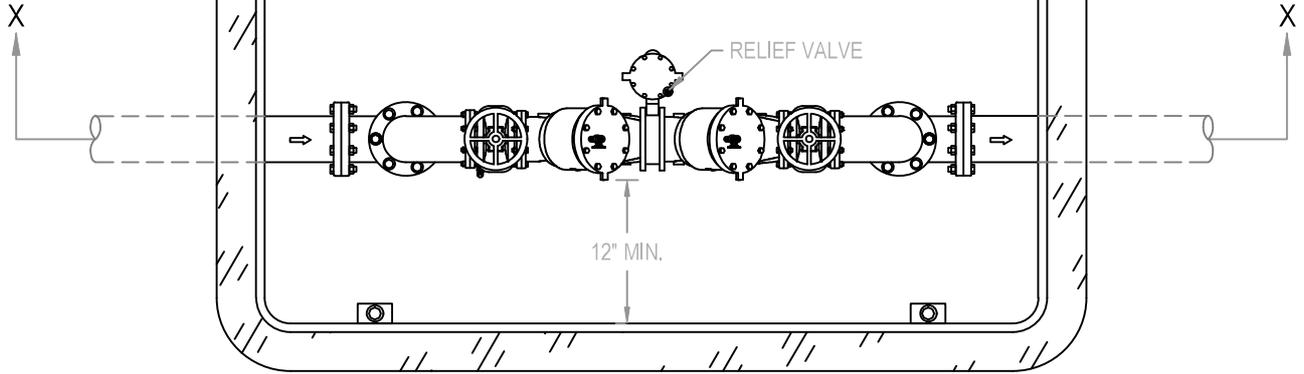
CITY OF STATESVILLE

PUBLIC WORKS DEPARTMENT

WATER LINE
2" Reduced
Pressure Assembly
(High Hazard Applications)

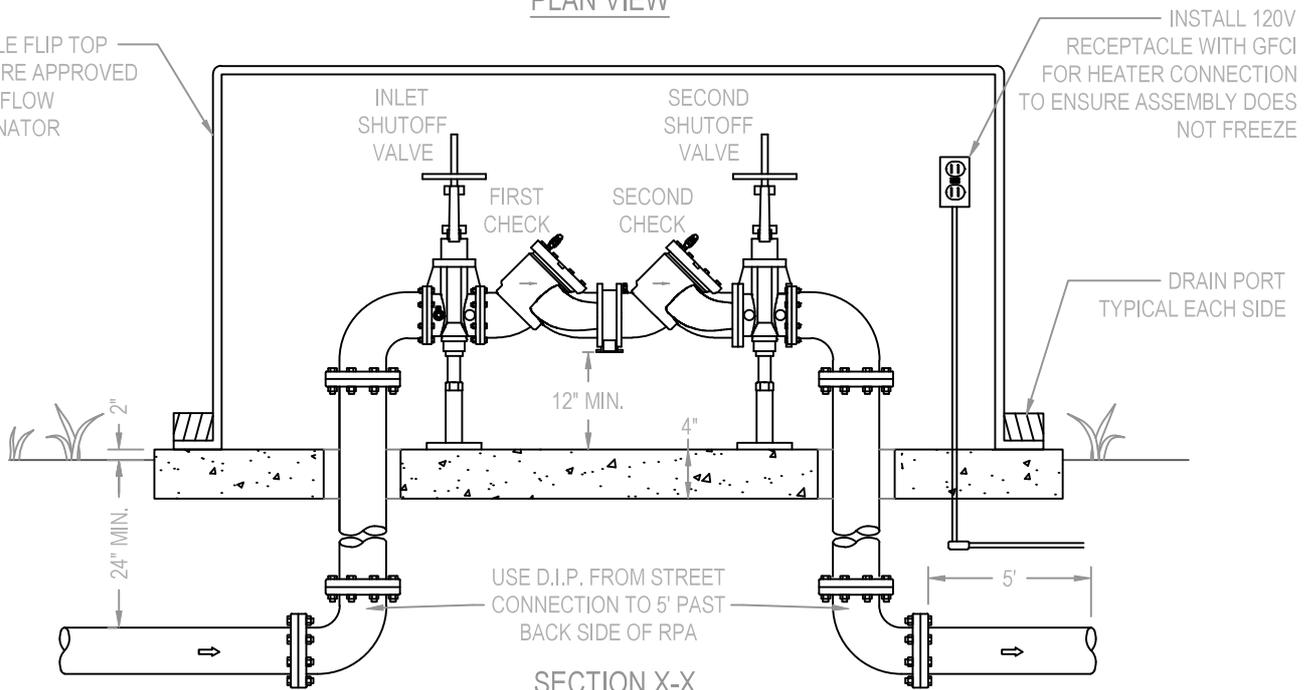
DETAIL #	REVISED
W-10D	NOV 2019
SCALE:	SHEET #
N.T.S.	1 OF 1

LOCKABLE FLIP TOP
ENCLOSURE APPROVED BY
BACKFLOW COORDINATOR



PLAN VIEW

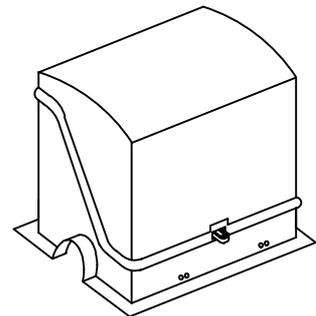
LOCKABLE FLIP TOP
ENCLOSURE APPROVED BY
BACKFLOW
COORDINATOR



SECTION X-X

NOTE:

1. AFTER INSTALLATION, ALL BACKFLOW ASSEMBLY'S WILL BE MAINTAINED BY THE CUSTOMER.
2. ENSURE ASSEMBLY WILL FIT WITHIN AN APPROVED ENCLOSURE. CHECK DIMENSIONS BEFORE ORDERING ENCLOSURE.
3. SLOPE CONCRETE OR POLY PAD TO DRAIN PORTS.
4. ASSEMBLY SHALL BE PLACED ON THE CUSTOMERS PROPERTY BEHIND THE METER AND INSTALLED WITH A 120V GFCI RECEPTACLE.
5. ASSEMBLY SHALL BE ACCESSIBLE BY CITY INSPECTORS AND CERTIFIED TESTERS.
6. DUCTILE IRON PIPE MUST BE INSTALLED FROM THE METER TO THE D.I. RISERS, AND 5' FROM THE BACK SIDE OF ASSEMBLY.



ISOMETRIC VIEW OF
TYPICAL ENCLOSURE



CITY OF STATESVILLE

PUBLIC WORKS DEPARTMENT

DOMESTIC WATER LINE

**3" - 10" Reduced
Pressure Assembly
(High Hazard Applications)**

DETAIL # **REVISED**

W-10D

NOV 2019

SCALE:

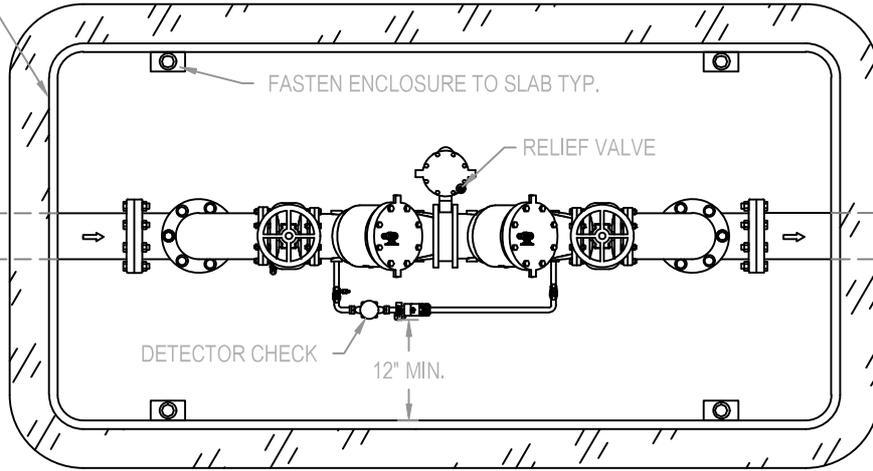
SHEET #

N.T.S.

1 OF 1

LOCKABLE FLIP TOP ENCLOSURE APPROVED BY BACKFLOW COORDINATOR

X



FASTEN ENCLOSURE TO SLAB TYP.

RELIEF VALVE

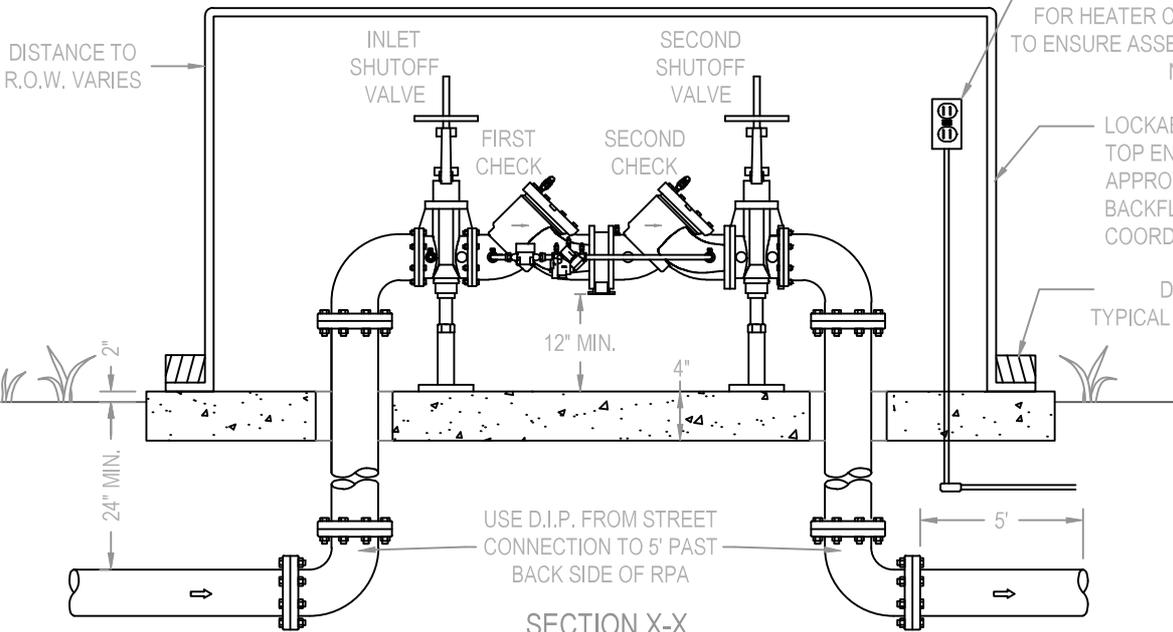
DETECTOR CHECK

12" MIN.

X

PLAN VIEW

RIGHT OF WAY LINE



DISTANCE TO R.O.W. VARIES

INLET SHUTOFF VALVE

SECOND SHUTOFF VALVE

FIRST CHECK

SECOND CHECK

12" MIN.

4"

2"

24" MIN.

USE D.I.P. FROM STREET CONNECTION TO 5' PAST BACK SIDE OF RPA

INSTALL 120V RECEPTACLE WITH GFCI FOR HEATER CONNECTION TO ENSURE ASSEMBLY DOES NOT FREEZE

LOCKABLE FLIP TOP ENCLOSURE APPROVED BY BACKFLOW COORDINATOR

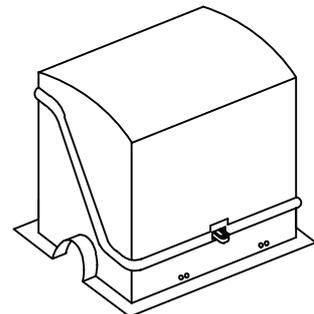
DRAIN PORT TYPICAL EACH SIDE

5'

SECTION X-X

NOTE:

1. AFTER INSTALLATION, ALL BACKFLOW ASSEMBLY'S SHALL BE MAINTAINED BY THE CUSTOMER AND TESTED ANNUALLY BY A CERTIFIED TESTER.
2. ENSURE ASSEMBLY WILL FIT WITHIN AN APPROVED ENCLOSURE. CHECK DIMENSIONS BEFORE ORDERING ENCLOSURE.
3. SLOPE CONCRETE OR POLY PAD TO DRAIN PORTS.
4. ASSEMBLY SHALL BE PLACED ON THE CUSTOMERS PROPERTY AND AS NEAR TO THE R.O.W. AS POSSIBLE. IT SHALL BE INSTALLED WITH A 120V GFCI RECEPTACLE.
5. ASSEMBLY SHALL BE ACCESSIBLE BY CITY INSPECTORS AND CERTIFIED TESTERS.
6. NO GALVANIZED OR PLASTIC PIPE OR FITTINGS.
7. DUCTILE IRON MUST BE INSTALLED FROM THE MAIN TO THE RISERS, AND 5' FROM THE BACK SIDE OF THE REDUCED PRESSURE ASSEMBLY.
8. TAMPER SWITCHES WITH ALARM SHALL BE SUPPLIED ON THE DEVICE WHEN USED FOR FIRE LINE APPLICATIONS AS PER NC FIRE CODE.
9. DETECTOR METER MUST BE NICOR READY AND READ IN CUBIC FEET.



ISOMETRIC VIEW OF TYPICAL ENCLOSURE



CITY OF STATESVILLE

PUBLIC WORKS DEPARTMENT

FIRE LINE

**3" - 10" Reduced Pressure
Detector Assembly
(High Hazard Applications)**

DETAIL # REVISED

W-10F

SEP 2019

SCALE:

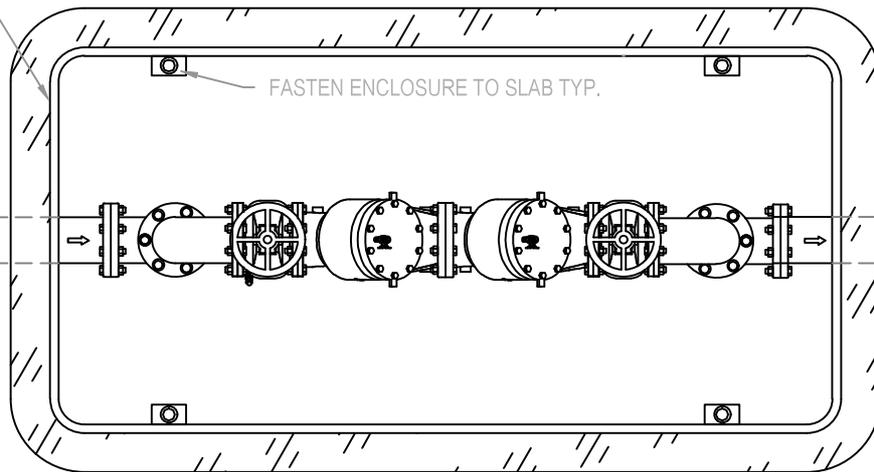
N.T.S.

SHEET #

1 OF 1

LOCKABLE FLIP TOP
ENCLOSURE APPROVED BY
BACKFLOW COORDINATOR.

X

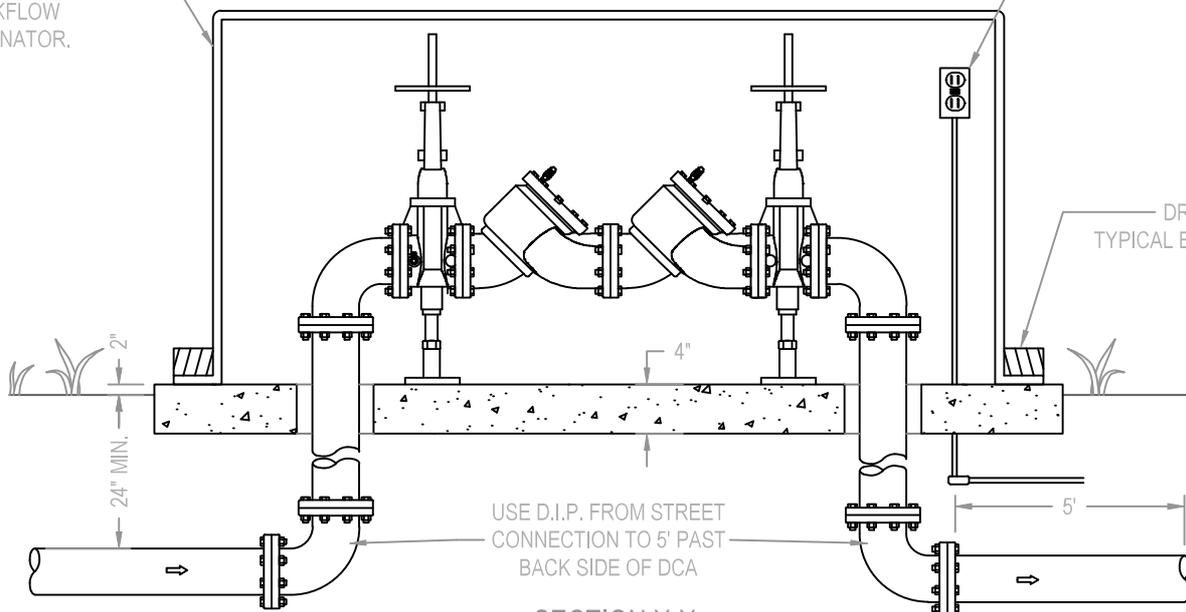


FASTEN ENCLOSURE TO SLAB TYP.

X

PLAN VIEW

LOCKABLE FLIP TOP
ENCLOSURE APPROVED BY
BACKFLOW
COORDINATOR.



INSTALL 120V
RECEPTACLE WITH GFCI
FOR HEATER CONNECTION

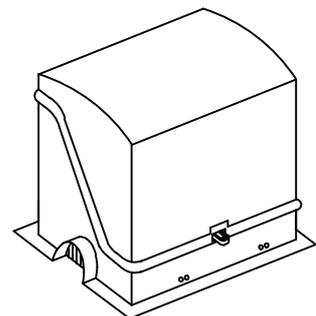
DRAIN PORT
TYPICAL EACH SIDE

USE D.I.P. FROM STREET
CONNECTION TO 5' PAST
BACK SIDE OF DCA

SECTION X-X

NOTE:

1. AFTER INSTALLATION, ALL BACKFLOW ASSEMBLY'S WILL BE MAINTAINED BY THE CUSTOMER.
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6. DUCTILE IRON PIPE MUST BE INSTALLED FROM THE METER TO THE D.I. RISERS, AND 5' FROM THE BACK SIDE OF ASSEMBLY.



ISOMETRIC VIEW OF
TYPICAL ENCLOSURE



CITY OF STATESVILLE

PUBLIC WORKS DEPARTMENT

DOMESTIC WATER LINE

**3" - 10" DC Assembly
(Above Ground)**

DETAIL # **REVISED**

W-11D

NOV 2019

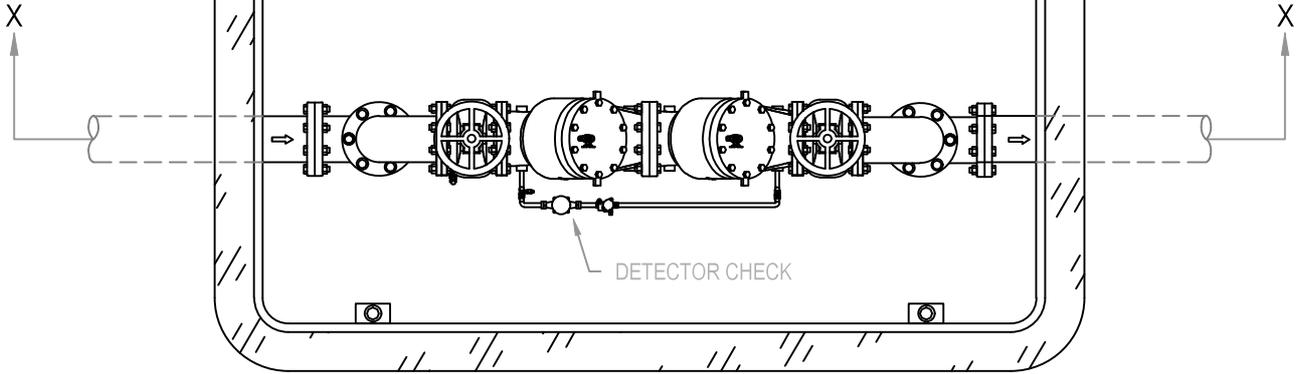
SCALE:

SHEET #

N.T.S.

1 OF 1

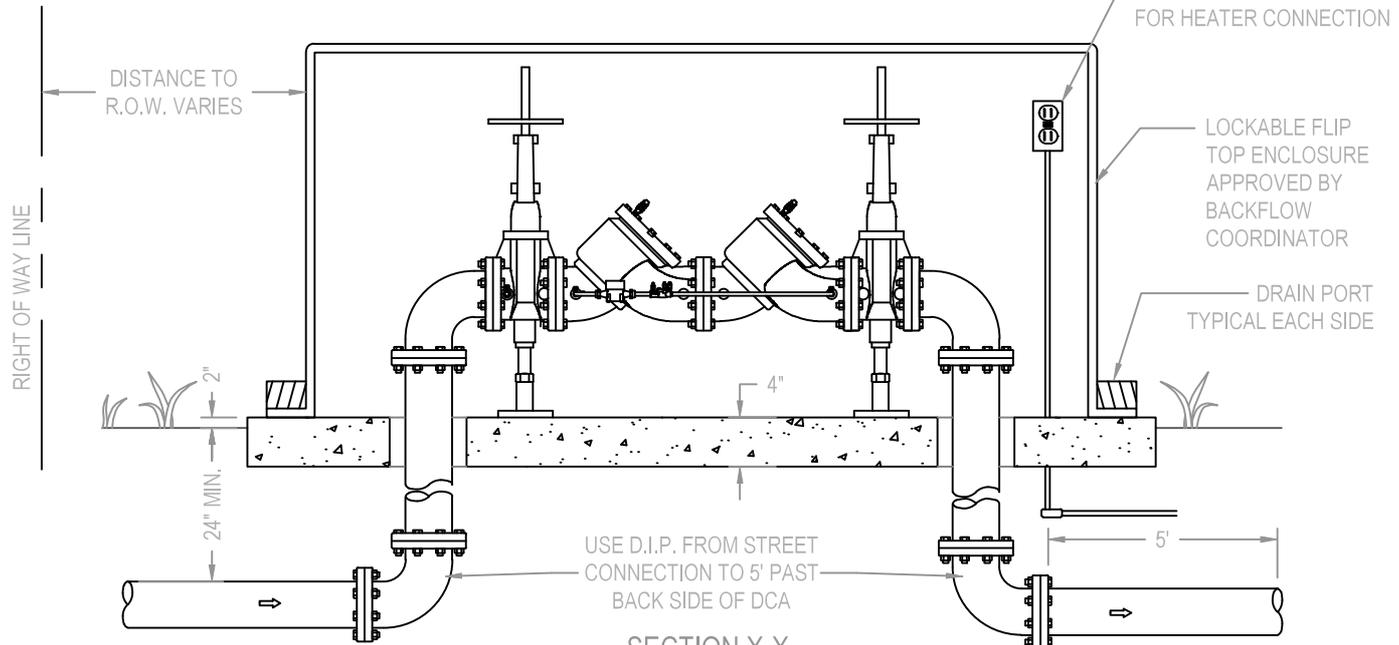
LOCKABLE FLIP TOP ENCLOSURE APPROVED BY BACKFLOW COORDINATOR.



FASTEN ENCLOSURE TO SLAB TYP.

DETECTOR CHECK

PLAN VIEW



DISTANCE TO R.O.W. VARIES

RIGHT OF WAY LINE

2"
24" MIN.

USE D.I.P. FROM STREET CONNECTION TO 5' PAST BACK SIDE OF DCA

INSTALL 120V RECEPTACLE WITH GFCI FOR HEATER CONNECTION

LOCKABLE FLIP TOP ENCLOSURE APPROVED BY BACKFLOW COORDINATOR

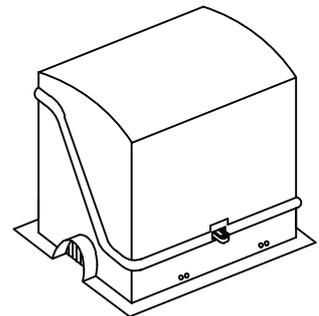
DRAIN PORT TYPICAL EACH SIDE

5'

SECTION X-X

NOTE:

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5. ASSEMBLY SHALL BE ACCESSIBLE BY CITY INSPECTORS AND CERTIFIED TESTERS.
6. NO GALVANIZED OR PLASTIC PIPE OR FITTINGS.
7. DUCTILE IRON MUST BE INSTALLED FROM THE MAIN TO THE RISERS, AND 5' FROM THE BACK SIDE OF THE DC ASSEMBLY.
8. TAMPER SWITCHES WITH ALARM SHALL BE SUPPLIED ON THE DEVICE WHEN USED FOR FIRE LINE APPLICATIONS AS PER NC FIRE CODE.
9. DETECTOR METER MUST BE NICOR READY AND READ IN CUBIC FEET.



ISOMETRIC VIEW OF TYPICAL ENCLOSURE



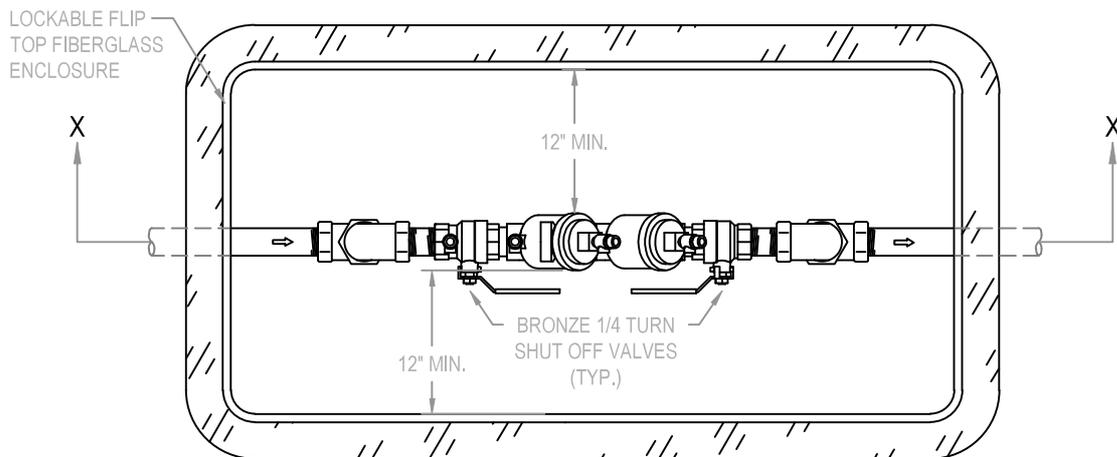
CITY OF STATESVILLE

PUBLIC WORKS DEPARTMENT

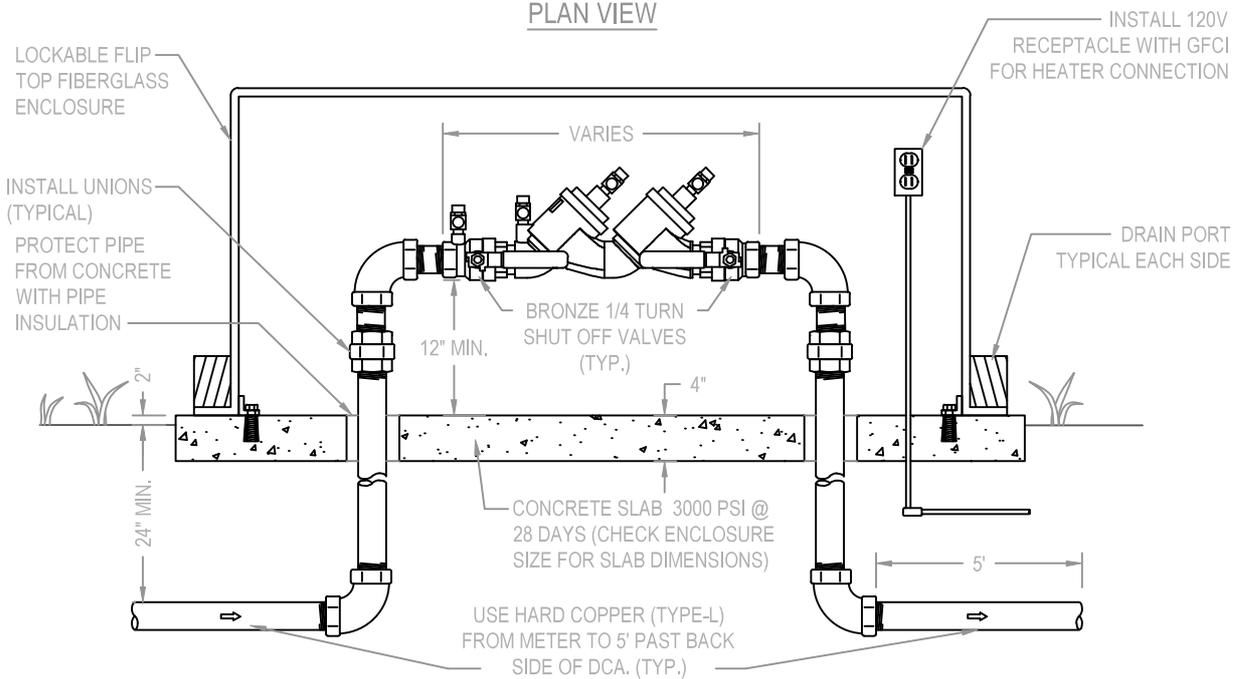
FIRE LINE

3" - 10" DC Detector Assembly (Above Ground)

DETAIL #	REVISED
W-11F	NOV 2019
SCALE:	SHEET #
N.T.S.	1 OF 1



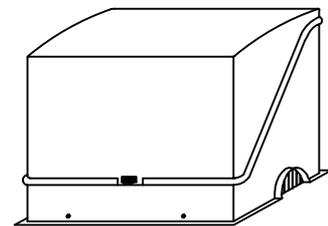
PLAN VIEW



SECTION X-X

NOTE:

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7. TYPE-L HARD COPPER MUST BE INSTALLED FROM THE METER TO THE COPPER RISERS AND 5' FROM THE BACK SIDE, AND THE RISERS MUST HAVE UNIONS INSTALLED ON EACH SIDE.



ISOMETRIC VIEW OF TYPICAL ENCLOSURE



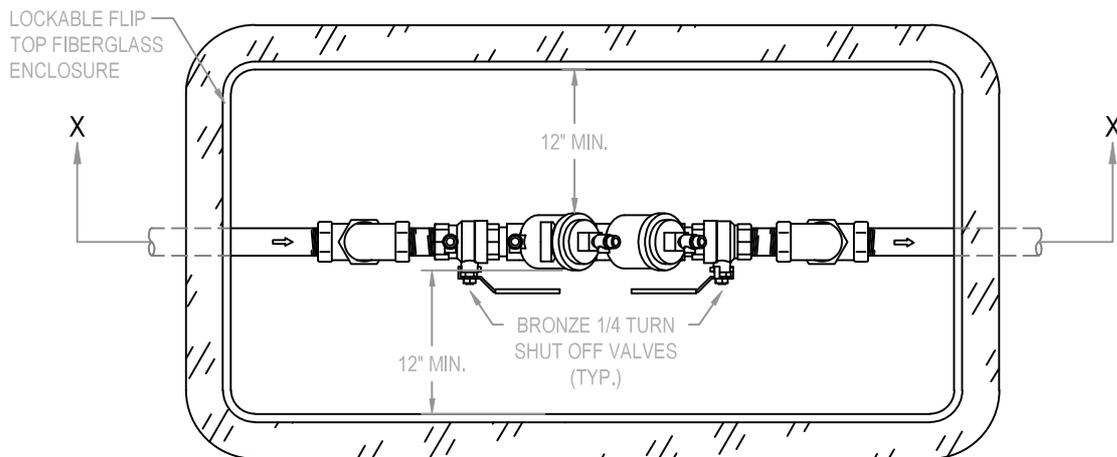
CITY OF STATESVILLE

PUBLIC WORKS DEPARTMENT

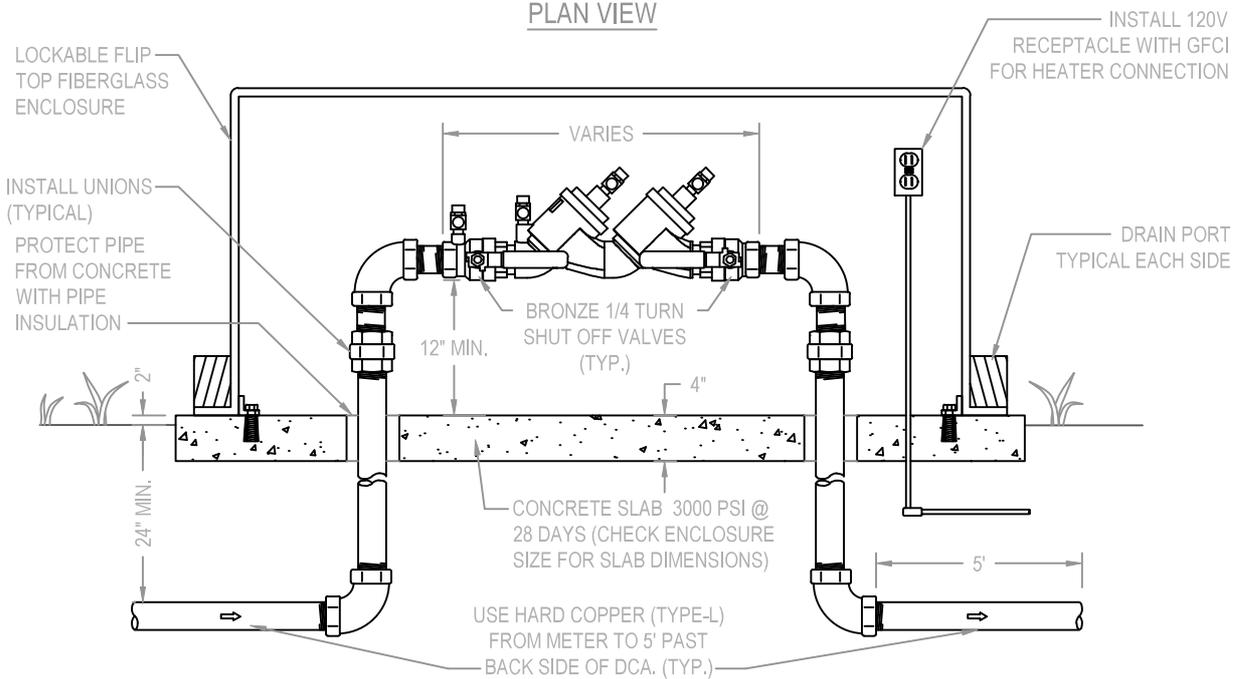
WATER LINE

**3/4" to 1-1/2" DC
Assembly (Above Ground)**

DETAIL #	REVISED
W-12A	NOV 2019
SCALE:	SHEET #
N.T.S.	1 OF 1



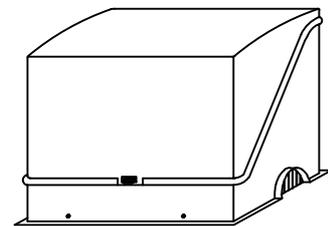
PLAN VIEW



SECTION X-X

NOTE:

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ISOMETRIC VIEW OF TYPICAL ENCLOSURE



CITY OF STATESVILLE

PUBLIC WORKS DEPARTMENT

WATER LINE

**2" DC Assembly
(Above Ground)**

DETAIL #	REVISED
W-12A	NOV 2019
SCALE:	SHEET #
N.T.S.	1 OF 1