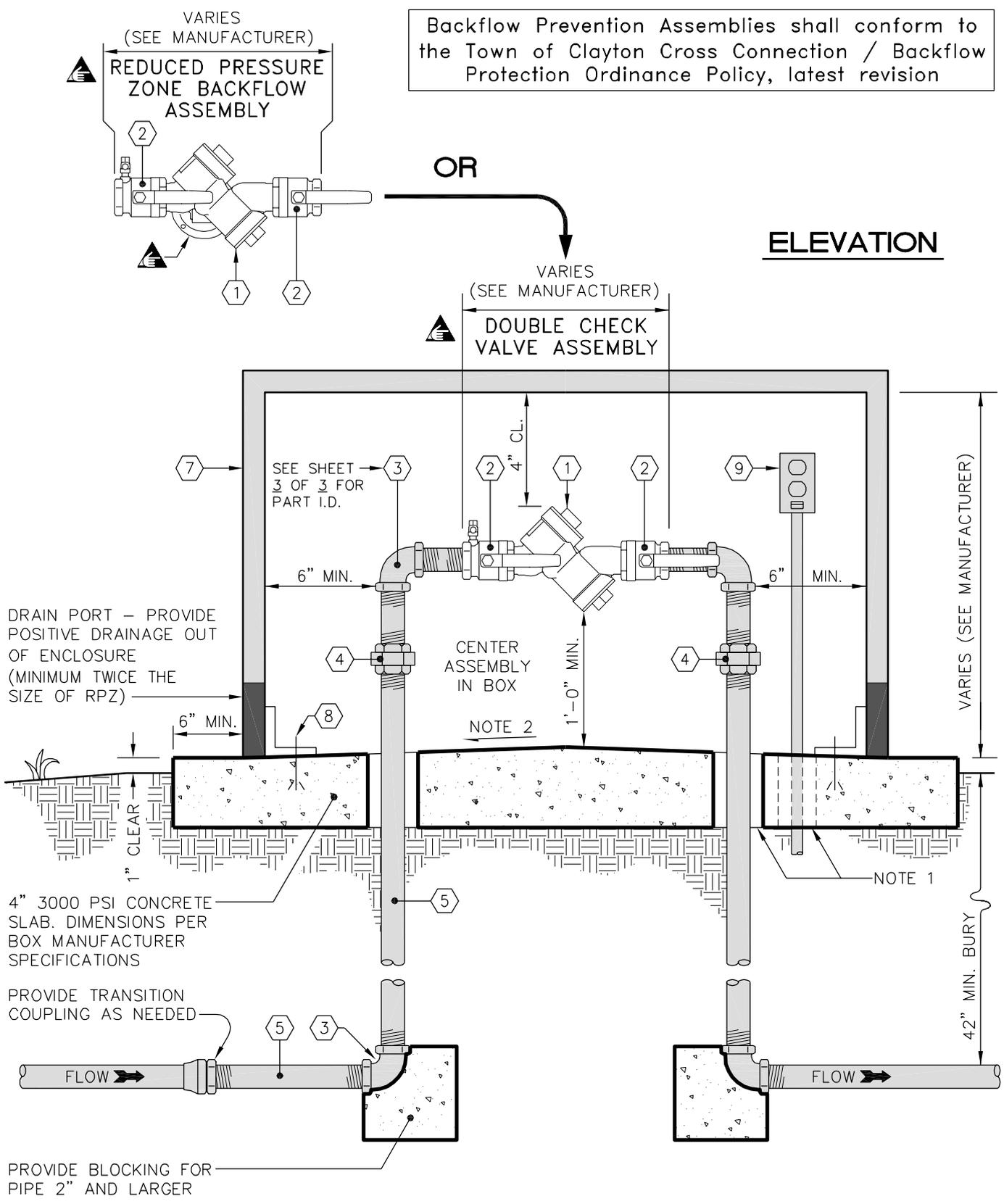


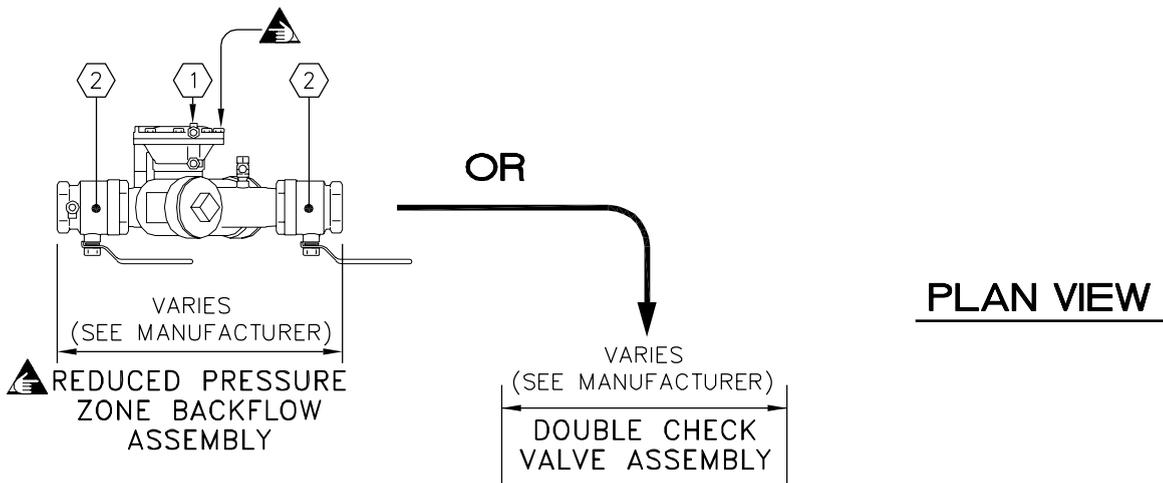
Backflow Prevention Assemblies shall conform to the Town of Clayton Cross Connection / Backflow Protection Ordinance Policy, latest revision



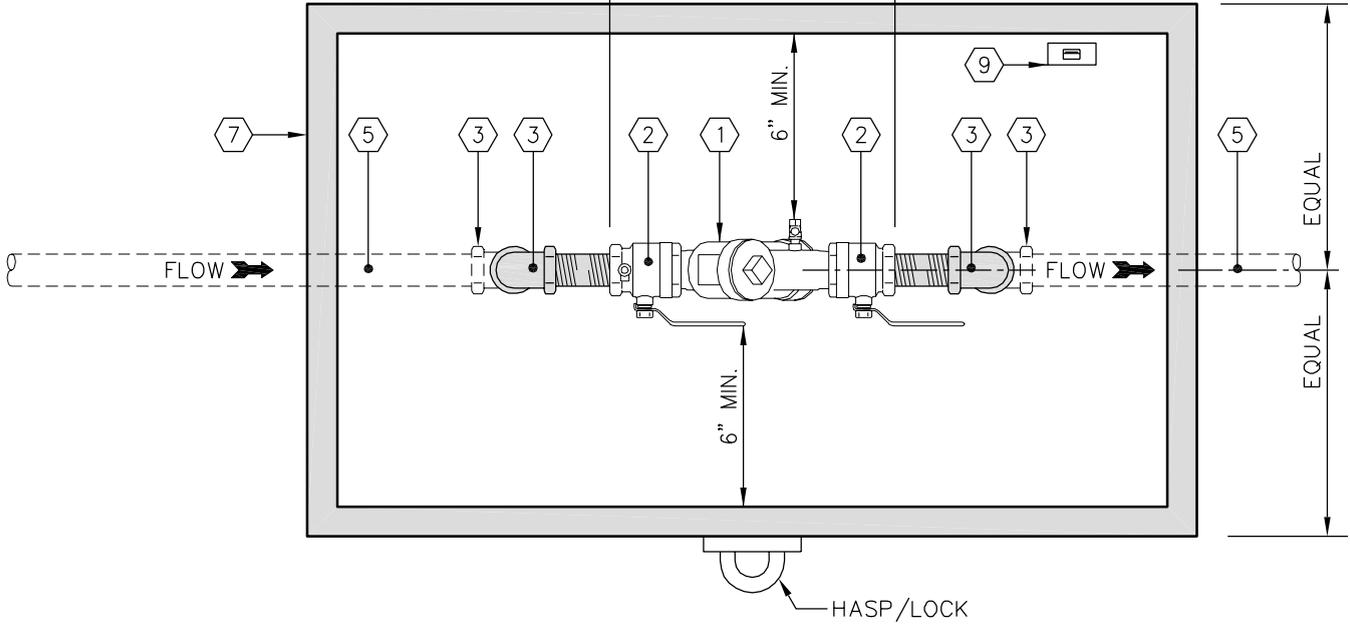
TOWN of CLAYTON
USE WITH THE TOWN of CLAYTON STANDARD SPECIFICATIONS ONLY

**3/4" to 2" DCV, RPZ
ASSEMBLY (ABOVE GROUND)**

| | |
|------------------------------|----------------------|
| SCALE: Not To Scale | DETAIL # 2 519.07 |
| REVISION DATE: July, 2010 | SHEET #: 1 of 3 |



PLAN VIEW

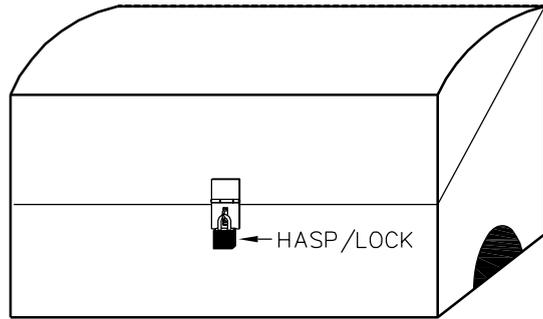


TOWN of CLAYTON

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3/4" to 2" DCV, RPZ ASSEMBLY (ABOVE GROUND)

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TYPICAL ENCLOSURE

| # | PART | MANUFACTURER MODEL / Cat. No. |
|---|--|---|
| 1 | BACKFLOW PREVENTION ASSEMBLY, AS APPLICABLE | SEE SPECS. 02510 1.10 and 2.2.2 - PRODUCTS |
| 2 | 1/4 TURN FULL PORT BRONZE BALL SHUT-OFF VALVE | --- |
| 3 | 90° BRASS ELBOW | --- |
| 4 | THREADED UNION | --- |
| 5 | 3/4" THRU 2 1/2" STAINLESS STEEL OR BRASS THREADED PIPE | --- |
| 6 | OMITTED | --- |
| 7 | INSULATED ENCLOSURE WITH LOCKING ACCESS AND HEATER (120 V, 1 PHASE 60 HZ) VERIFY FITTINGS WILL FIT INSIDE BOX BEFORE ORDERING | HOTBOX / HB.75 - HB3E (OR APPROVED EQUIVALENT) (NOTE 3) |
| 8 | STAINLESS STEEL ANCHOR BOLTS PER BOX MANUFACTURER RECOMMENDED SIZE AND SPACING | --- |
| 9 | PROVIDE 120V RECEPTACLE ON GFCI NEAR PIPE RISER, SET MINIMUM 18" ABOVE FLOOR | UL STD. 943-NEMA 3R. |

NOTES:

1. Provide minimum 1" annular clearance around all risers and electrical conduit.
2. Slope floor to drain to ports at both ends. Ensure positive surface grade away from enclosure.
3. Irrigation RPZ's that are removed from uninsulated & unheated enclosures to prevent freezing in the winter months must be capped off.
4. RPZ's may be located in building provided there are no other unprotected taps between the water main & the building.



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