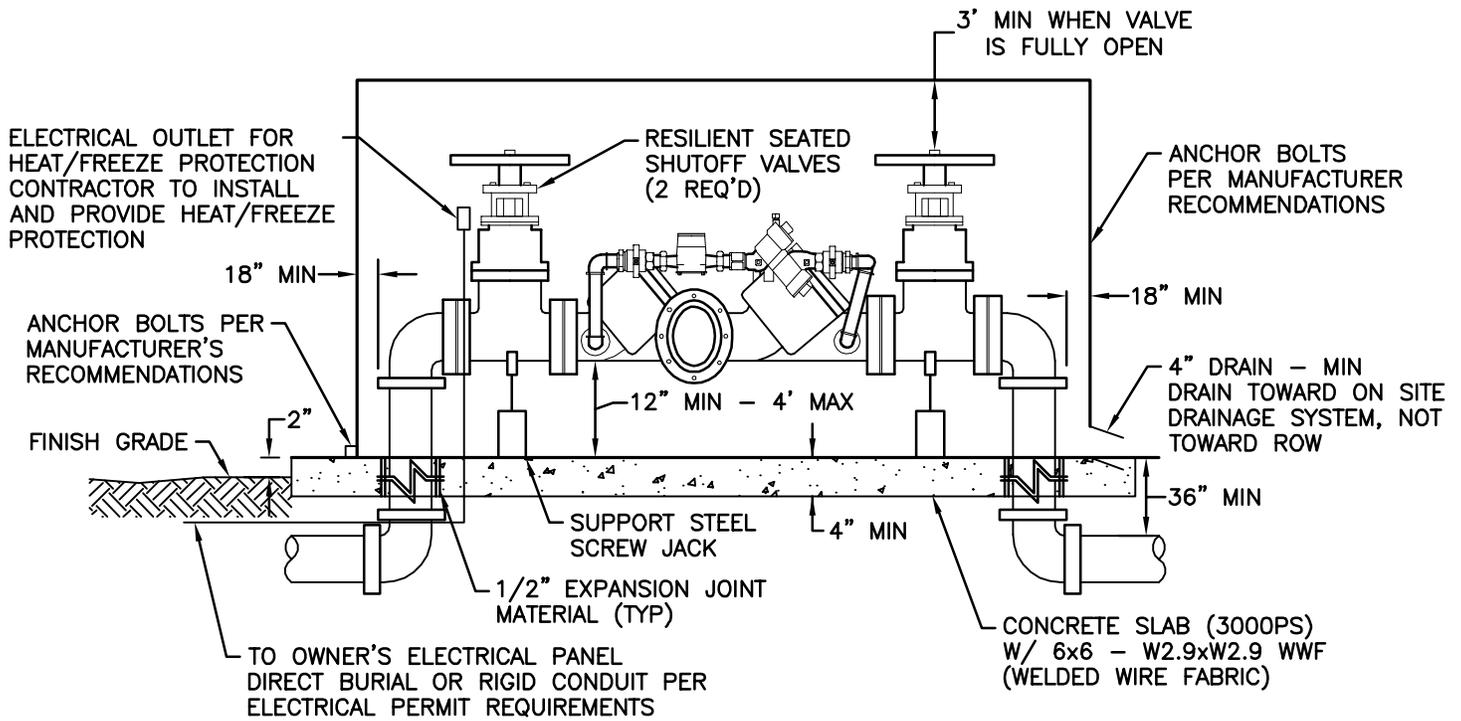


**PLAN VIEW**

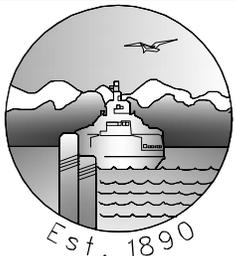


**SIDE VIEW**

**NOTES:**

1. APPROVED REDUCED PRESSURE BACKFLOW ASSEMBLY TO LAY HORIZONTAL ONLY.
2. DESIGNED FOR BACK SIPHONAGE AND BACK PRESSURE.
3. THE WATER LINE SHALL BE DISINFECTED, FLUSHED, AND PRESSURE TESTED PRIOR TO INSTALLING THE BACKFLOW ASSEMBLY. THE BACKFLOW ASSEMBLY SHALL BE PROTECTED FROM FREEZING AND FLOODING.
4. ALL PIPE, VALVES, AND FITTING JOINTS, FROM SUPPLY MAIN, SHALL BE FLANGED AND RESTRAINED.
5. A CITY APPROVED VALVE IS REQUIRED BETWEEN THE SUPPLY MAIN AND THE VAULT.
6. HOT BOX SHALL BE INSTALLED AT PROPERTY LINE OR EASEMENT LINE.
7. HOT BOX SHALL HAVE A MINIMUM OF 3' CLEARANCE FROM ALL STRUCTURES.
8. THE BACKFLOW ASSEMBLY SHALL BE TESTED AFTER INSTALLATION PRIOR TO ACCEPTANCE AND ALSO YEARLY THEREAFTER BY A WASHINGTON STATE CERTIFIED BACKFLOW ASSEMBLY TESTER. TEST RESULTS MUST BE SENT TO THE CITY OF EDMONDS WASHINGTON STATE WATER DIVISION.
9. MECHANICALLY RESTRAIN ALL FITTINGS AND JOINTS BETWEEN CITY MAIN AND ASSEMBLY.

**(ABOVE GROUND INSTALLATION ONLY)**



**CITY OF EDMONDS**  
PUBLIC WORKS  
DEPARTMENT

**REDUCED PRESSURE  
DETECTOR ASSEMBLY  
(RPDA) 2.5" AND LARGER**

APPROVED BY: **R. ENGLISH**

REVISION DATE  
**JANUARY 2018**

STANDARD  
DETAIL

**WA-161**