



ELEVATION

MATERIAL LIST:

- ① UL-FM LISTED WASHINGTON STATE APPROVED REDUCED PRESSURE BACKFLOW ASSEMBLY INCLUDING TWO BALL VALVES, AND TESTS COCKS.
- ② INSULATED PROTECTIVE ENCLOSURE (HOT BOX) REQUIRED FOR OUTSIDE INSTALLATIONS. THE PROTECTIVE ENCLOSURE MUST BE PROVIDED WITH DRAINS AT BOTH ENDS OF THE BOTTOM SUFFICIENTLY SIZED TO PROVIDED FREE GRAVITY DRAINAGE OF MAXIMUM DISCHARGE OF RELIEF VALVE PORT (2" MIN).
- ③ 90° ELBOW WITH A CLOSE NIPPLE AND UNION ON VERTICAL.

NOTES:

- 1. ASSEMBLY REQUIRES CERTIFICATION UPON INSTALLATION AND RECERTIFICATION ANNUALLY, BY OWNER.
- 2. THE ENCLOSURE MUST BE INSTALLED ON A 4" THICK CONCRETE PAD.
- 3. AN ELECTRICAL OUTLET MUST BE PROVIDED.
- 4. GUARD POSTS SHALL BE INSTALLED IF LOCATED IN A TRAFFIC AREA.
- 5. ALL BRANCH CONNECTIONS SHALL BE LOCATED ON THE DOWNSTREAM SIDE OF THE ASSEMBLY.



APPROVED BY	L. OLIVE
DATE	07/31/2008
REF STAD SPEC	

DEPARTMENT OF PUBLIC WORKS
STANDARD DETAILS
 REDUCED PRESSURE BACKFLOW ASSEMBLY
 (RPBA) 2" AND SMALLER

STANDARD DETAIL
 NUMBER
W-130