



MATERIAL LIST:

- ① WASHINGTON STATE APPROVED DOUBLE CHECK VALVE ASSEMBLY INCLUDING TWO BRASS BALL VALVES AND FOUR RESILIENT SEATED TEST COCKS.
- ② IN NON-TRAFFIC AREAS USE:
FOR 3/4" TO 1" ASSEMBLIES, USE A MID STATE MSBCF 1324-12.
FOR 1-1/4" TO 2" ASSEMBLIES, USE A MID STATE MSBCF 1730-18.
IN TRAFFIC AREAS:
A TRAFFIC LOADED BOX MUST BE USED AND LOCATION APPROVED BY THE CITY OF ARLINGTON PRIOR TO INSTALLATION.
- ③ PROVIDE TWO UNIONS.
- ④ IF A DAYLIGHT DRAIN CANNOT BE PROVIDED THERE MUST BE A 6" MIN LAYER OF FREE DRAINING GRAVEL AT THE BOTTOM OF BOX.
- ⑤ ANGLES MAY BE IN OR OUT OF BOX SO LONG AS SUFFICIENT ROOM IS ALLOWED AT EACH END FOR VALVE OPERATION AND DCVA REPAIR OR MAINTENANCE.

NOTES:

1. INSTALL ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. INSTALL ONLY IN HORIZONTAL CONFIGURATION, UNLESS APPROVED OTHERWISE BY CITY ENGINEER.
3. INSTALL TEST COCKS FACE UP OR TO ONE SIDE.
4. INSTALL BRASS PLUGS IN ALL TEST COCKS.
5. FOR 3/4" TO 1" ASSEMBLIES, USE A MIDSTATES 1324-12.
6. FOR 1-1/4" TO 2" ASSEMBLIES, USE A MID STATE MSBCF 1730-18.
7. ASSEMBLY REQUIRES CERTIFICATION UPON INSTALLATION AND RECERTIFICATION ANNUALLY.
8. ALL MINIMUM CLEARANCES MUST BE MET. SEE STANDARD DETAIL NO. W-100.
9. ASSEMBLY MAY BE INSTALLED INSIDE BUILDING IF MINIMUM CLEARANCES ARE MET AND APPROVED BY CITY ENGINEER.
10. ALL BRANCH CONNECTIONS SHALL BE LOCATED DOWN STREAM OF THE ASSEMBLY. ANY BRANCH CONNECTION ON THE SUPPLY SIDE OF THE ASSEMBLY MUST BE PROTECTED BY A SEPARATE APPROVED BACKFLOW PREVENTION DEVICE.



APPROVED BY	L. OLIVE
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REF STAD SPEC	

DEPARTMENT OF PUBLIC WORKS
STANDARD DETAILS
 DOUBLE CHECK VALVE ASSEMBLY
 (DCVA) FOR 2" AND SMALLER

STANDARD DETAIL
 NUMBER
W-090