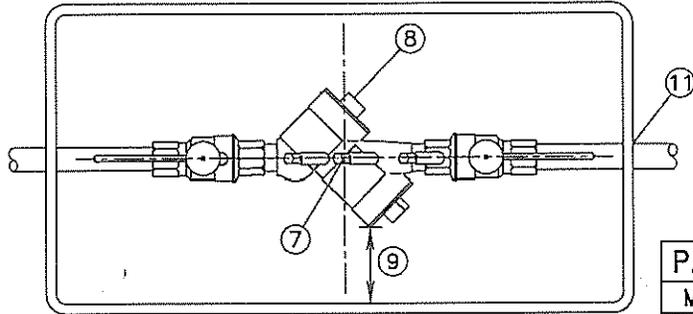


SECTION



APPROVED
City of Oak Harbor
Engineering Dept.

8-8-06
Date

GENERAL REQUIREMENTS:

1. THE D.C.V.A. CHOSEN MUST BE ON THE MOST RECENT WASHINGTON STATE APPROVAL LISTING.
2. THE D.C.V.A. MUST BE TESTED BY A WASHINGTON STATE CERTIFIED BACKFLOW ASSEMBLY TESTER AT THE TIME OF INSTALLATION, ANNUALLY, AND WHEN MOVED OR REPAIRED.
3. ALL INSTALLATION MUST MEET MANUFACTURERS SPECIFICATIONS AND THE MINIMUM STANDARDS OF THE U.P.C.
4. INSTALLATION INSPECTION BY CITY OF OAK HARBOR IS REQUIRED BEFORE WATER SERVICE IS ACTIVATED.

NOTES:

- ① IF DAYLIGHT DRAIN SYSTEM CANNOT BE PROVIDED THEN INSTALL A 6" MINIMUM LAYER OF 1" ROUND WASHED GRAVEL AT THE BOTTOM OF THE BOX.
- ② MINIMUM OF 6" BETWEEN LOWEST POINT OF DEVICE AND DRAIN ROCK.
- ③ TWO NO. 2 METER BOXES STACKED ON TOP OF EACH OTHER OR APPROVED EQUAL. MINIMUM 14" X 20" LID OPENING.
- ④ MINIMUM OF 6" AND A MAXIMUM OF 12" DISTANCE BETWEEN UNDERSIDE OF LID AND HIGHEST POINT OF THE DEVICE.
- ⑤ THE DEVICE MUST BE EQUIPPED WITH FOUR RESILIENT SEATED TEST COCKS WITH PLUGS INSTALLED. THE ASSEMBLY MUST ALSO BE INSTALLED WITH THE TEST COCKS FACING UP OR TO ONE SIDE. PLUGS SHALL BE THREADED BRASS.
- ⑥ THE DEVICE MUST ALSO BE EQUIPPED WITH TWO RESILIENT SEATED SHUT OFF VALVES.
- ⑦ CENTER DEVICE IN BOX.
- ⑧ Y-PATTERN D.C.V.A. SHOULD BE INSTALLED ON SIDE WITH TESTCOCKS FACING UPWARDS.
- ⑨ A MINIMUM DISTANCE OF 6" IS REQUIRED BETWEEN THE SIDE OF THE BOX AND THE TEST COCKS WHEN THEY ARE INSTALLED SIDE WAYS.
- ⑩ SUPPORTS WILL BE REQUIRED ON 2" AND LARGER DEVICES AS SHOWN.
- ⑪ SEAL PIPE CUTOUTS AND UNDERLAY DRAIN ROCK WITH WEED CONTROL FABRIC OR POLYETHYLENE TO PREVENT SOIL INTRUSION.

PARTIAL LISTING OF STATE APPROVED DOUBLE CHECK VALVE ASSEMBLIES

MAKE	MODEL	SIZES	SHUTOFFS
WATTS	U007M1QT	3/4" OR 1"	- WATTS FIGURE FBV (FBV-E)-QT OR WATTS SERIES 6080 (& 6080-E)-QT
WATTS	950XL	3/4"	- FORTUNE FIGURE 620-QT (FORMERLY FIGURE 601 PRIVATE LABELED AS: AMES, BUCKNER, FEBCO, FLOMATIC, HERSEY AND WILKINS) - NIGBO BALL VALVES (FEBCO SERIES 622-QT & WILKINS SERIES 855-QT)
WILKINS	975XL	3/4", 1", 1 1/2", OR 2"	- FORTUNE FIGURE 620-QT (FORMERLY FIGURE 601 PRIVATE LABELED AS: AMES, BUCKNER, FEBCO, FLOMATIC, HERSEY AND WILKINS) - NIGBO BALL VALVES (FEBCO SERIES 622-QT & WILKINS SERIES 855-QT)
WILKINS	975XL	1 1/4"	- FORTUNE FIGURE 620-QT (FORMERLY FIGURE 601 PRIVATE LABELED AS: AMES, BUCKNER, FEBCO, FLOMATIC, HERSEY AND WILKINS) - FORTUNE FIGURE 620U-QT
WATTS	995QT	3/4", 1", 1 1/4", OR 1 1/2"	- SHUTOFF VALVE IS INTEGRAL PART OF ASSEMBLY



City of
Oak Harbor
ENGINEERING DEPARTMENT
865 SE Barrington Drive
Oak Harbor, WA 98277

DOUBLE CHECK VALVE
ASSEMBLY - 0.75-2.5"

ACAD-W-11Double Check Valve .75 to 2.5 inch.dwg