

PLAN VIEW

NOTES:

1. THE DCDA SHALL BE A WASHINGTON STATE APPROVED – MODEL SHALL BE WATTS 007DCDA OR APPROVED EQUAL.
2. VAULT MUST BE UTILITY VAULT MODEL OR APPROVED EQUAL.
FOR 2 INCH DCDA: UTILITY VAULT #644-LA
FOR 3 INCH DCDA: UTILITY VAULT #675-LA
3. LIDS FOR VAULT SHALL BE LW HATCH – WATERTIGHT WITH GUTTER AND SIDE DRAIN. SIZE SHALL BE 3' WIDE x 6' LONG.
4. APPROVED DOUBLE CHECK DETECTOR ASSEMBLY TO LAY HORIZONTAL WITH THE GROUND.
5. TEST COCKS TO EITHER FACE OUTWARDS OR UPWARDS FROM ASSEMBLY.
6. ALL TEST COCKS MUST BE PROVIDED WITH PVC PLUGS.
7. THOROUGHLY FLUSH LINES PRIOR TO INSTALLATION OF ASSEMBLY.
8. DO NOT INSTALL IN AN AREA SUBJECT TO FLOODING.
9. MUST BE PROTECTED FROM FREEZING CONDITIONS.
10. IF SOIL CONDITIONS OR PRESENCE OF GROUND WATER DO NOT ALLOW DRAINAGE TO SUMP, DRAIN SHALL BE DIRECTED TO ONSITE DRAINAGE SYSTEM.

SENSOR SR2 W/TRPL
REMOTE READ, TRPL
SHALL BE INSTALLED
ON HATCH CLOSE TO
HINGE

H-20 DOUBLE LEAF TRAFFIC
BEARING LID FOR ALL AREAS
EXCEPT IN HIGH TRAFFIC AREAS
USE H-30 DOUBLE LEAF
TRAFFIC RATED LID IN HIGH
TRAFFIC AREAS (IE: DRIVEWAY
ENTRANCES)

EXISTING
GROUND

36"–48" *
18"–25" **

6" MIN
SIDE DRAIN
DRAIN TO GRAVEL SUMP
OR TO CATCH BASIN

6" TYP

12" MIN

GRINNEL
SADDLE

CONNECT TO EXISTING
SERVICE LINE
PROVIDE BENDS &
CONNECTIONS AS REQUIRED

5/8" MINUS C.S.T.C.
GRAVEL (12" MIN)
COMPACTED TO 95%
MAX DENSITY

FLOOR DRAIN

2" PVC

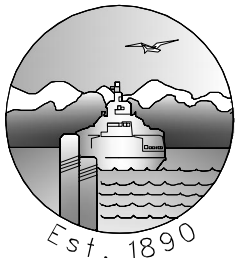
WASHED ROCK DRAIN SUMP (SIZED PER DESIGN)
(SEE NOTE 10)

SIDE VIEW

* SIZE OF PIPE USED DICTATES MINIMUM DEPTH OF BOX INCLUDING REQUIRED CLEARANCES.

** HEIGHT TO TOP OF STEM BASED ON THE SIZE OF PIPE USED.

MUST BE TESTED AFTER INSTALLATION AND YEARLY THEREAFTER BY A WASHINGTON STATE CERTIFIED DCDA ASSEMBLY TESTER. THE TEST REPORT MUST BE SENT TO THE CITY OF EDMONDS WATER DIVISION.



CITY OF EDMONDS
PUBLIC WORKS
DEPARTMENT

**2"–3" DOUBLE CHECK
DETECTOR ASSEMBLY
(DCDA) (NEW)**

APPROVED BY: R. ENGLISH

REVISION DATE
JANUARY 2018

STANDARD
DETAIL

WA-141