CONCRETE VAULT SHALL BE EQUIPPED W/BILCO STYLE LID. SEE HIGHLINE WATER DISTRICT STANDARD DETAIL #32.

LADDER (BOLTED TO SIDE AND FLOOR OF VAULT)  

UNI-FLANGE ADAPTOR

18" MIN.

18" MIN.

BY-PASS METER W/ITRPL MAINTAINED BY HWD**

2" DRAIN W/ GRATE

WA STATE DOH APPROVED DOUBLE DETECTOR CHECK VALVE ASSY.

COVER SHALL NOT EXTEND MORE THAN 6" ABOVE GRADE WHEN VAULT IS NOT IN TRAFFIC AREA  
SLOPE PAVEMENT AWAY FROM COVER WHEN VAULT IS IN TRAFFIC AREA.  
INSTALL LOCKING VALVE BOX LID ON VALVE CONTROLLING SUPPLY LINE TO DDCVA'S.  
INSTALL VALVE MARKER POST PER HWD DETAIL #10.  
VAULT SHALL BE OF ADEQUATE HEIGHT TO PROVIDE MIN. 6" CLEARANCE TO O&S VALVE WHEN VALVE IS FULLY OPEN.  
INSTALL ALARM SYSTEM AS REQUIRED BY FIRE DISTRICT.  
WATERPROOF PIPE ENTRY THROUGH VAULT WALLS W/ KRYTON MORTAR SEALANT.  
**BY-PASS METER SHALL BE 5/8" X 3/4" SENSUS SR-II MODEL WITH ELECTRONIC REGISTER & PLUG-IN CONNECTORS.

INSTALL JOINT SEALANT BETWEEN EACH VAULT SECTION (USE KENT-SEAL, RAM-NEK OR APPROVED EQUAL)

USE KRYSTOL SPECIFICATION #2 (BY KRYTON) FOR SPECIFICATIONS, MATERIAL LIST AND DIRECTIONS

6" BASE OF 1 1/2" WASHED ROCK

2" PVC DRAIN TO DAYLIGHT

INSTALL APPROVED SUMP PUMP IF REQUIRED (VAULT MUST STAY DRY).

* MINIMUM SIZED VAULT

DOUBLE DETECTOR CHECK
AND VAULT

NTS

REVISION DATE: 7/10/08
DRAWN: SED: CHECKED: TDK: DISTRICT APPROVED TDK:
PLOTTING SCALE: NTS
FILE NAME: F:\DWGS\DETAILS-2004\HWD-016
DATE APPROVED: 7/10/08