

SIZE	MIN. VAULT SIZE (INSIDE)			OLDCASTLE CO. MODEL	OLDCASTLE COVER
	W	L	H		
3"	3'-8"	4'-8"	3'-3"	644-LA	64-2-332P
4"	3'-10"	5'-3"	3'-8"	575-LA	57TL-2-332P
6"	4'-0"	6'-6"	4'-5"	577-LA	57TL-20332P
8"	4'-5"	7'-8"	5'-3"	4484-LA	4484-TL2-332P
10"	4'-8"	8'-8"	6'-1"	5106-LA	5106-TL3-332

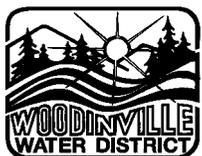
LEGEND

CONTRACTOR TO VERIFY VAULT SIZE IS ADEQUATE.

- ① ONE GALVANIZED STEEL LADDER TO BE SECURED TO VAULT.
- ② 4" SCHD 40 PVC DRAIN 2% MIN. SLOPE TO STORM BASIN. PROVIDE 12 GAUGE TRACE WIRE. SUMP PUMP REQUIRED IF DRAIN NOT FEASIBLE.
- ③ CLASS 52 DUCTILE IRON PIPE REQUIRED. SIZE AS REQUIRED (4" DIA. MIN.). FOR 3", PLACE REDUCER OUTSIDE OF VAULT. ALL PIPE AND FITTINGS SHALL BE RESTRAINED.
- ④ 2' x 2' x 8" THICK FORMED CONCRETE BLOCKING WITH LOCKING FOLLOWER RING.
- ⑤ PRECAST CONCRETE VAULT WITH A MINIMUM OF TWO, 3'x3' DIAMOND PLATE DOORS RATED FOR H2O LOADING. MARKED "WATER". VAULT SHALL BE EQUAL TO OLDCASTLE MODEL LISTED IN TABLE ABOVE.
- ⑥ TRAFFIC RATED NON-SHRINK GROUT SHALL BE USED IN ALL VAULT PENETRATIONS. EXTERIOR SEAMS TO BE SEALED WITH EXTERIOR JOINT WRAP, AFTER GROUTING AND PRIOR TO BACKFILL.
- ⑦ A MINIMUM OF 3" BETWEEN THE UNDERSIDE OF THE LID, OR VAULT, AT THE HIGHEST POINT OF VALVING AND ASSEMBLY IS REQUIRED.
- ⑧ THE DCVA MUST BE EQUIPPED WITH (4) RESILIENT SEATED TEST COCKS WITH PLUGS INSTALLED.
- ⑨ THE DCVA MUST ALSO BE EQUIPPED WITH (2) RESILIENT WEDGE O.S.&Y. SHUT OFF GATE VALVES WITH HAND WHEELS. GATE VALVES SHALL CONFORM TO AWWA C-509 OR C-515.
- ⑩ A MINIMUM OF A 12" CLEARANCE IS REQUIRED BETWEEN THE LOWEST POINT OF THE DEVICE AND TO THE BOTTOM OF THE VAULT.
- ⑪ TWO ADJUSTABLE PIPE STANCHIONS REQUIRED AND SIZED APPROPRIATELY.
- ⑫ EBBA IRON SERIES 2100 MEG-A-FLANGE
- ⑬ 3" OR 4" X 2" DOUBLE STRAP STAINLESS STEEL SADDLE, 2" CURB STOP W/ LOCKING WING FOR FLUSHING. PLACE CURB STOP ON ON BOTTOM OF PIPE.

NOTES:

- 1. TEE AND GATE VALVE REQUIRED ON CONNECTION TO MAINLINE.
- 2. THE DCVA CHOSEN MUST BE ON THE MOST RECENT WA. STATE APPROVAL LISTING.
- 3. SCHEDULE THOROUGH FLUSH OF THE SERVICE PRIOR TO CONNECTION OF THE BACKFLOW DEVICE.
- 4. THE DISTRICT WILL INSPECT THE DCVA INSTALLATION. INITIAL TEST OF THE DCVA IS REQUIRED PRIOR TO ESTABLISHMENT OF WATER SERVICE. TEST RESULTS SHALL BE SENT TO THE WOODINVILLE WATER DISTRICT. ANNUAL TESTING OF THE DCVA BY A CERTIFIED BACKFLOW TESTER IS REQUIRED BY THE OWNER. TEST RESULTS SHALL BE SUBMITTED TO THE WOODINVILLE WATER DISTRICT.



Woodinville
Water District

2.5" AND LARGER DOUBLE
CHECK VALVE ASSEMBLY



WATER STD.
PLAN NO. 22

REVISION DATE
04/25