

DC VAULT INFORMATION		
DCVA SIZE	OLDCASTLE VAULT NO.	DOOR MODEL NO.
4"	577-LA	57-T-2-332P
6"	676-WA	676-T-2-332P
8"	687-WA	687-T-2-332P
10"	5106-WA	5106-3-T-2-332P
OR APPROVED EQUAL		

DCDA VAULT INFORMATION		
DCVA SIZE	OLDCASTLE VAULT NO.	DOOR MODEL NO.
4"	676-WA	676-T-2-332P
6"	687-WA	687-T-2-332P
8"	5106-WA	5106-3-T-2-332P
10"	5106-WA	5106-3-T-2-332P
OR APPROVED EQUAL		

DC VAULT NOTES:

1. PLACE DC ASSEMBLY WITHIN PROPERTY LINE AS CLOSE TO METER AS POSSIBLE WITH NO CONNECTIONS OR TEES BETWEEN METER AND DC.
2. CONSULT WITH BUILDING DIVISION FOR PROPER SIZING OF DC AND VAULT.
3. SEE DRAWING 421-1 FOR PLAN AND PROFILE VIEWS.

DCDA VAULT NOTES:

4. CONSULT WITH FIRE DEPARTMENT FOR SIZING OF DCDA.
5. DETECTOR METER SHALL BE CITY APPROVED METER FOR DCDA VAULT.
6. SEE DRAWINGS 421-2 & 421-3 FOR PLAN AND PROFILE VIEWS. TYPICAL LAYOUT SHOWN, MAY BE INSTALLED IN OPPOSITE CONFIGURATION TO CONFORM TO SITE CONDITION REQUIREMENTS.

NOTES:

7. THIS IS TO BE A PRIVATE FACILITY, GOVERNED BY OPSC, NFPA, OREGON HEALTH AUTHORITY, AND CLACKAMAS FIRE MARSHAL, AS APPLICABLE.
8. ALL MJ JOINTS SHALL HAVE MECHANICAL JOINT RESTRAINTS.
9. CONTRACTOR TO SEAL ALL OPENINGS IN VAULT WITH NON-SHRINK GROUT OR "LINK-SEAL."
10. PROVIDE POWER SOURCE AS REQUIRED FOR SUMP PUMP. SECURE POWER CORD TO DISCHARGE PIPING WITH NYLON CABLE TIES.
11. PLUMB PUMP DISCHARGE TO APPROVED LOCATION PER PLUMBING INSPECTOR.
12. IN AREAS PRONE TO HIGH GROUNDWATER POUR CONCRETE BALLAST (3 CUBIC YARDS MINIMUM); ENGINEER IS RESPONSIBLE TO ENSURE ADEQUATE BALLAST IS PROVIDED TO PREVENT FLOATING OF VAULT.
13. VAULT DOOR MECHANISMS SHALL NOT PROTRUDE BELOW THE CEILING OF THE VAULT INTERIOR.
14. ASSEMBLY IS TO BE SUPPORTED BY A SUBSTANTIAL RUST-RESISTANT PRODUCT SUCH AS "STANDON" OR APPROVED EQUAL TO PREVENT UNDUE STRESS OR STRAIN ON THE ASSEMBLY AND PIPING.
15. VAULT TOP SHALL BE SET LEVEL WITH ADJACENT HARD SURFACE (CONCRETE OR AC PAVEMENT).
16. FOR INSTALLATION IN LANDSCAPE AREA, PLACE VAULT TOP A MINIMUM OF 3" AND A MAXIMUM OF 5" ABOVE GROUND SURFACE AND SLOPE GROUND AWAY AT 1/4" PER FOOT TYPICAL. DO NOT BURY HATCH DRAIN.
17. EXTEND DUCTILE IRON PIPE 5' MINIMUM OUT OF VAULT TO PROTECT FROM BREAKING DUE TO VAULT SETTLEMENT.
18. WHEN LOCATED IN PEDESTRIAN WALKWAY A NON-SLIP LID AND GROUTED PICK HOLES ARE REQUIRED.



Public Works Standard Drawings

4" & LARGER DC & DCDA ASSEMBLY  
(DETAIL NOTES)

SCALE	NTS	
DATE	JAN '24	REV. 1
ENGR.	DW	DRAWN KAE
DRAWING NO.	421-4	