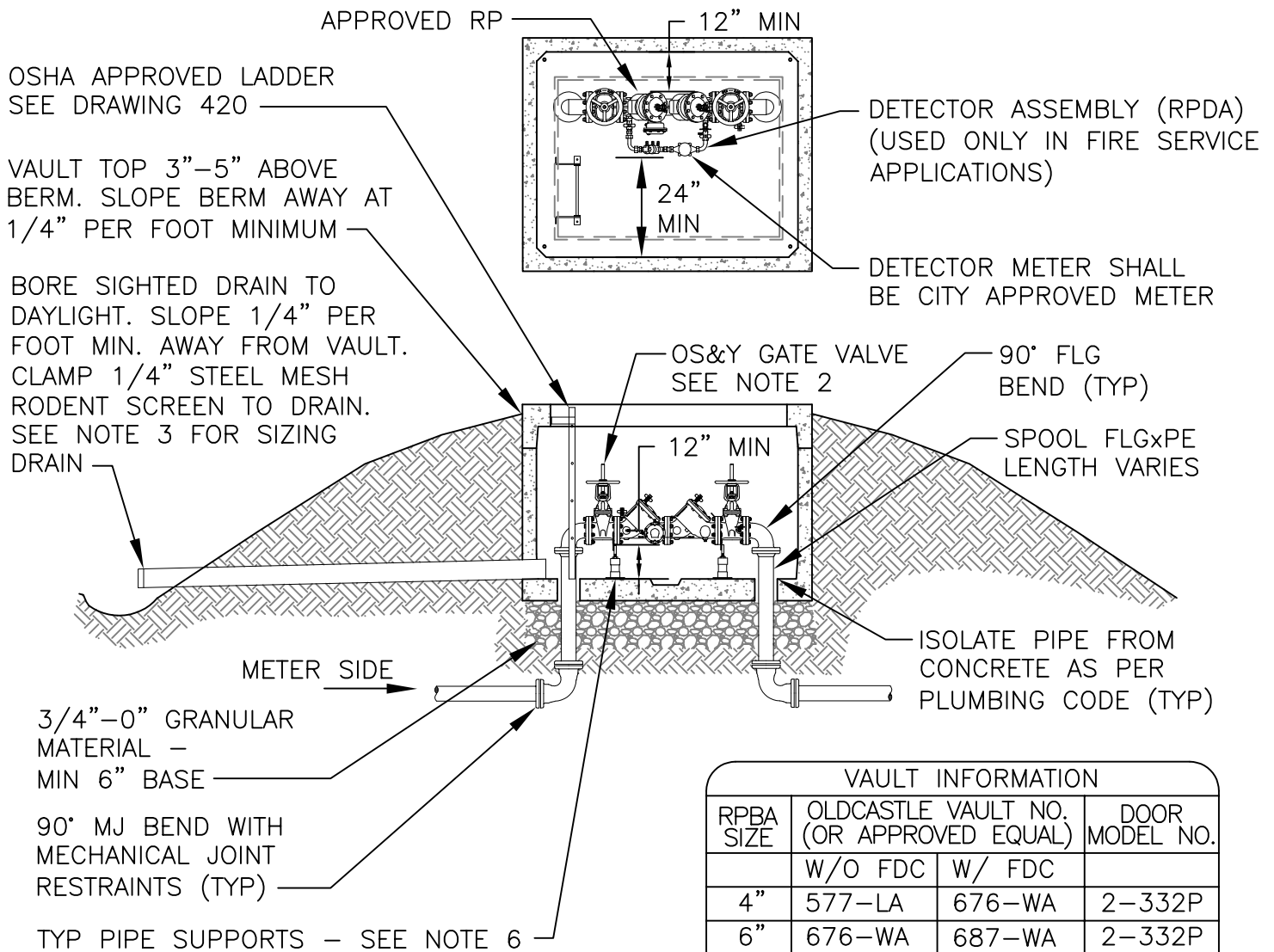




NOTES:

1. ENCLOSE VAULT IN EARTH BERM AS TO PROVIDE ADEQUATE FREEZE PROTECTION.
2. OS&Y VALVES REQUIRED ONLY IN FIRE SERVICE APPLICATIONS. (MINIMUM CLEARANCE OF 3-INCHES REQUIRED BETWEEN VAULT LID AND TOP OF OS&Y VALVES IN OPEN POSITION.)
3. PROVIDE A SCREENED DRAIN CAPABLE OF PASSING A FULL RELIEF DISCHARGE (SEE DRAWING 429 FOR GUIDANCE ON DRAIN SIZING).
4. ALL ENCLOSURES SHALL COMPLY WITH ASSE1060.
5. VAULT FLOOR MUST BE SET AT MINIMUM 12 INCHES ABOVE SURROUNDING FINISH GRADE TO ALLOW GRAVITY DRAINAGE.
6. DEVICE IS TO BE SUPPORTED BY UNISTRUT, STANDON, OR APPROVED EQUAL TO RESIST RUST AND DECAY. SUPPORTS ARE TO BE INSTALLED TO PREVENT UNDUE STRESS OR STRAIN ON THE DEVICE AND ITS SERVICE PIPING.
7. ALL MJ JOINTS SHALL HAVE MECHANICAL JOINT RESTRAINTS.
8. AS A PRIVATE FACILITY, THE INSTALLATION IS GOVERNED BY THE OPSC AND OREGON HEALTH AUTHORITY, AS APPLICABLE.
9. CONSULT WITH FIRE DEPARTMENT INSPECTOR OR BUILDING DIVISION FOR SIZING OF RP.
10. FOR DOMESTIC SERVICE APPLICATIONS RP MUST BE PLACED AS CLOSE TO METER AS POSSIBLE WITH NO CONNECTIONS OR TEES BETWEEN METER AND RP, OR CITY APPROVED LOCATION.



Public Works Standard Drawings

4" & LARGER REDUCED PRESSURE BACKFLOW ASSEMBLY (RP) (IN BERM)

SCALE	NTS
DATE JAN '24	REV. 1
ENGR. DW	DRAWN KAE
DRAWING NO. 428	