



INSTALLATION CLEARANCE REQUIREMENTS

MAXIMUM HEIGHT ABOVE FLOOR OR GRADE	5 FEET
MINIMUM SIDE CLEARANCE	12 INCHES ON ONE SIDE & 24 INCHES ON THE OTHER
MINIMUM CLEARANCE BELOW ASSEMBLY	12 INCHES*
MINIMUM END CLEARANCE	6 INCHES
MINIMUM CLEARANCE ABOVE FULLEST OPENING OF SOV	3 INCHES

*LARGE SIZE "Y" PATTERN DCVA MUST BE INSTALLED WITH SUFFICIENT ROOM BELOW THE #2 CHECK VALVE TO ALLOW THE REMOVAL OF CHECK VALVE #2

MATERIAL LIST:

1. DOUBLE (STATE APPROVED) CHECK DETECTOR ASSEMBLY
2. CLASS 52 DI WALL PIPE FL X FL
3. CLASS 52 DI 90 deg. BEND FL X FL
4. CLASS 52 DI TEE FL X FL
5. SWING CHECK VALVE W/BALL DRIP ASSEMBLY
6. FIRE DEPARTMENT CONNECTION
7. SUPPORT STANDS (ASSEMBLIES 2-1/2" AND LARGER)
8. DETECTOR METER
9. DOUBLE (STATE APPROVED) CHECK DETECTOR ASSEMBLY
10. SUPPORT STANDS
11. STANDARD CONCRETE VAULT WITH BOTTOM AND DIAMOND PLATED, ALUMINUM LID WITH HINGED DOUBLE DOOR.

GENERAL NOTES:

- A. PIPE FROM VAULT TO BUILDING SHALL BE SAME AS MAIN TO VAULT
- B. TAMPER SWITCHES SHALL BE INSTALLED ON 1 & 3 CONNECTED TO BUILDING FIRE ALARM SYSTEM.
- C. ALL PIPING SHALL BE A MINIMUM OF 4" DIA. AS PER NFPA13.
- D. WHERE PIPING PASSES THROUGH CONC. WALL, PROVIDE 2" CLEARANCE WITH WATERPROOF MASTIC OR FLEXIBLE SEALANT.

POSITIVE VAULT DRAIN OR SUMP PUMP IN POOR DRAINING SOILS

APPROVED BY	REVISED DATE	CITY OF CENTRALIA	STD. PLAN NO.
CITY ENGINEER	06-2017	DOUBLE CHECK DETECTOR ASSEMBLY	2-15
2022 Standard Drawings			