

NO SCALE

VERSION

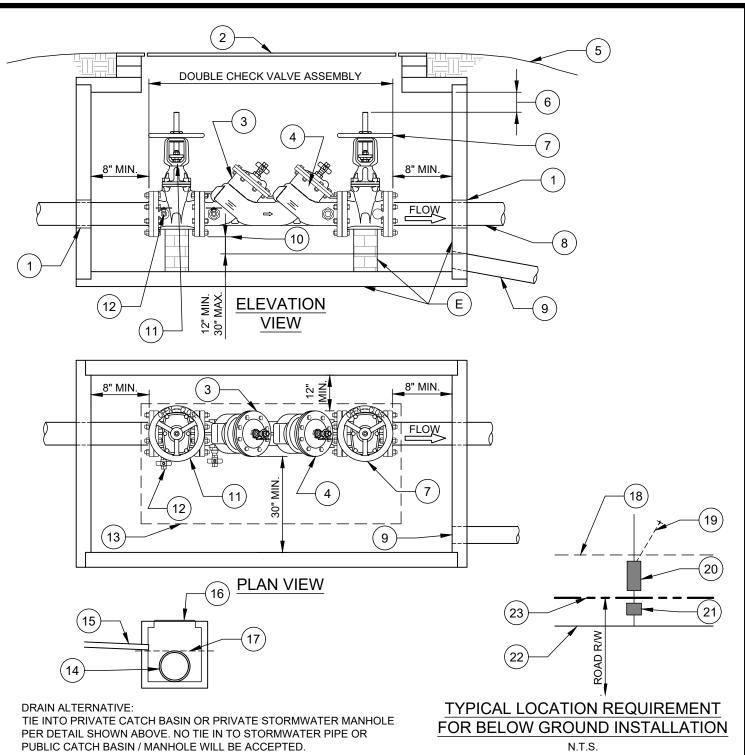
1.0

DATE

04/2024

DETAIL

14.1.5



- **DESCRIPTION:**
- SLEEVE REQUIRED (TYP.).
- 4' X 5', 5' X 5' OR 4' X 6' DOUBLE LEAF STEEL OR ALUMINUM DOORS HINGED AND LOCKABLE. SEE NOTE F.
- CHECK VALVE #1.
- CHECK VALVE #2.
- FINISHED GRADE TO BE SLOPED AWAY FROM COVER
- 6" MIN. WHEN VALVE IS FULLY OPEN. VALVE CANNOT EXTEND THROUGH TOP.
- SHUT-OFF VALVE #2. SEE NOTE B.
- DIP OR TYPE K OR L COPPER TUBING FOR MIN. OF 5' ON EACH END OF ASSEMBLY. SEE NOTE D.
- 4" MIN. DIAMETER DRAIN BY GRAVITY TO ATMOSPHERE AS REQUIRED BY CLTW SPECIFICATIONS. SEE NOTE G.
- LOWEST POINT.
- SHUT-OFF VALVE #1. SEE NOTE B.
- TEST COCK #1.
- 13. VAULT LID.
- STORM PIPE.
- DRAIN FROM BACKFLOW VAULT.
- CATCH BASIN WITH GRATE.
- TOP OF DISCHARGING STORM PIPE.
- ZONING SETBACK
- 19. DRAIN.
- 20. CLTW REQUIRED BPA BELOW GROUND. SEE NOTE H AND I.
- 21. CLTW METER.
- PUBLIC WATER MAIN.
- PROPERTY LINE OR R/W

NOTES:

- BACKFLOW PREVENTION ASSEMBLIES (BPA's) SHALL CONFORM TO CLTW SPECIFICATIONS. SHUT-OFF VALVES ARE SPECIFIC TO EACH APPROVED BPA AND NO SUBSTITUTIONS OF SHUT-OFF VALVES ARE PERMITTED. REFER TO CLTW APPROVED LIST OF BPA's.
- FIRE LINE SERVICES SHALL HAVE OUTSIDE STEM AND YOKE (OS & Y) HANDWHEEL OPERATORS OR BUTTERFLY VALVES, AND LISTED ON APPROVED LIST AS FIRE APPROVED. IF SERVING FIRE SPRINKLERS, TAMPER SWITCHES ARE REQUIRED.
- ASSEMBLIES SHALL BE INSTALLED UPRIGHT AND IN THE HORIZONTAL POSITION
- PIPE MATERIAL AND FITTINGS SHALL BE AS SPECIFIED IN CLTW STANDARDS & SPECIFICATIONS.
- VAULT AND SUPPORT OF ASSEMBLY SHALL BE DESIGNED BY OWNER, 8" 12" SHALL BE SUPPORTED AT EACH VALVE.
- ACCESS DOORS SHALL BE AS SPECIFIED IN CLTW WATER DETAILS OR F. APPROVED EQUAL
- DRAINAGE INLET MAY BE PROVIDED AS SHOWN OR AS FLOOR DRAIN.
- ALL LOCATIONS FOR BPA's REQUIRE CLTW APPROVAL
- THERE SHALL BE NO TAPS, PIPING BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPT. CONNECTION POINTS, OR OTHER WATER - USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS CLTW - REQUIRED BACKFLOW PREVENTER.
- EACH CLTW-REQUIRED BPA IS REQUIRED TO BE TESTED BY A CLTW APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE. TEST RESULTS SHALL BE SUBMITTED TO CLTW WITHIN 30 DAYS AND TESTED ANNUALLY THEREAFTER SUBMITTING RESULTS TO CLTW.
- ALL INSTALLATIONS INTENDED FOR ADDRESSING CLTW REQUIREMENTS, REQUIRE PRIOR APPROVAL FROM THE APPROPRIATE CLTW BACKFLOW INSPECTOR.