



GENERAL NOTES:

1. CONCRETE MIX AND STRUCTURAL DESIGN IN ACCORDANCE WITH ACI 318, FOR DESIGN LOADS AS REQUIRED BY ASTM C890.
2. MATERIALS AND MANUFACTURE IN ACCORDANCE WITH ASTM C913.
3. CONCRETE TOP SLAB DESIGNED FOR 300 PSF LIVELOAD. CONSULT FACTORY IF HS - 20 LOAD REQUIRED.
4. STRUCTURE TO BE SET ON A MINIMUM 6" CRUSHED STONE/GRAVEL BED.
5. PRECAST JOINT SECTIONS TO BE SEALED USING BUTYL RUBBER SEALANT.
6. EXTERIOR SLABS TO HAVE BROOM FINISH, ALL OTHERS TO HAVE STANDARD FORM FINISH.
7. ALL PIPE AND FITTINGS TO BE MINIMUM CLASS 350 DIP CONFORMING TO ANSI/AWWA C110.
8. ALL PIPE/WALL PENETRATIONS TO BE SEALED WITH ASTM C923 FLEXIBLE CONNECTORS.
9. ALL PIPE, VALVES AND FITTINGS TO BE FACTORY INSTALLED.
10. ALUMINUM ACCESS HATCH TO BE MINIMUM 150 PSF LOAD RATED WITH STAINLESS STEEL FASTENERS & HINGES AND CENTERED IN TOP SLAB.
11. A POSITIVE DRAIN IS REQUIRED FROM BOTTOM OF VAULT TO DAYLIGHT/STORM DRAINAGE.
12. VIEW SC DHEC-APPROVED BACKFLOW PREVENTION DEVICES
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Standard Backflow Preventer & Vault
SCALE: 1" = 1'-0"

NOTE: THIS DETAIL IS APPLICABLE FOR 4", 6" and 8" DOUBLE DETECTOR AND BACKFLOW PREVENTER VAULT.