CONFIGURATION: UNDERGROUND VAULT (UV)
MODEL: SVBF-UV 8X8

STORMWATER QUALITY DESIGN FLOW (SQDF) xx.X-CFS
STORM DRAIN DESIGN CONVEYANCE FLOW XX-CFS
RETURN FREQUENCY / PERIOD OF PEAK DESIGN CONVEYANCE FLOW XX-YRS

SECTION B

PLAN VIEW

SECTION A-A

SECTION B-B

48" C 4 CAST IRON FRAME AND COVER ALTERNATE COVER OR GRATE SYSTEMS AVAILABLE

48" MANHOLE BARREL

59" TYP.

55" TYP.

63" TYP.

69" TYP.

82" TYP.

1. ALL DIMENSIONS ARE IN INCHES.
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH Fc = 5,000 psi AT 28 DAYS.
3. THE PORTLAND CEMENT USED IN THE PRECAST SECTION SHALL MEET THE REQUIREMENTS OF TYPE IV HIGH SULFATE RESISTANT CEMENT IN ACCORDANCE WITH ASTM CLASS C 150.
4. VAULTS ARE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH ASTM C 657.
5. ALL PRECAST CONCRETE COMPONENTS TO BE MANUFACTURED IN AN MPA CERTIFIED PLANT.
6. ALL VAULTS SHALL BE FABRICATED TO WITHSTAND SOILS FOUND IN A FIELD ALLOWING FOR CONSTRUCTION OF CONTINUOUS STREETSCAPE AND LANDSCAPE FEATURES. 
7. BRIDGING STONE SHALL BE CLEAN, WASHED.
8. SOIL CAPS SHALL BE CLEAN, DRY, AND SUCH THAT TYPICAL METHODS CAN BE USED.
9. GROUNDWATER ELAVATION IS ADJUSTED TO BE BELOW THE BOTTOM OF PRECAST STRUCTURE.
10. FOR COMPLETE DESIGN AND PRODUCT INFORMATION, CONTACT JENSEN STORMWATER SYSTEMS.
11. JENSEN STORMWATER SYSTEMS TO PROVIDE ALL MATERIALS AS SHOWN, EXCEPT OTHERWISE NOTED.
12. ALL CONCRETE COMPONENTS THE MATERIALS, DIMENSIONS, AND JOINT ORIENTATIONS MAY VARY ACROSS JENSEN PRECAST'S MANUFACTURING FACILITIES.