STORMVAULT BIOFILTRATION (SVBF) CONFIGURATION: TREE WELL (TW) MODEL: SVBF-TW 5X5

HYDRAULICS
STORM WATER QUALITY DESIGN FLOW (GWQDF) XX.XX - CFS
STORM DRAIN DESIGN CONVEYANCE FLOW XX.XX - CFS
RETURN PERIOD / PERIOD OF PFAA CONVEYANCE FLOW XX-YRS

TREATMENT
BIO SOIL MEDIA [UNITED] TREATMENT FLUX RATE (ACT) 0.1 -GPM/FT² 2-GPM/FT²
SVBF-TW 5X5 PEAK TREATMENT FLOW RATE 0.006-CFS 0.1 1.1 -CFS

NOTE 14
**JENSEN** INFILTRATION STORMVAULT BIORETIENION TO TREAT THE ENTIRESoIL AT A RATE OF 0.06-IN/H. WHEN USING SPECIFIED PUBLIC BIO SOIL MEDIA.

1. JENSEN’S STORMVAULT BIOFILTRATION (SVBF) DESIGNED AND SIZED TO TREAT THE ENTIRE SIZE.

2. GRAFTED WATER QUALITY CONSTITUENTS:
   - TOTAL SUSPENDED SOLIDS (TSS)
   - COPPER
   - DISSOLVED & GREGASE
   - PETROL COUMOFT

3. COMPONENTS:
   - TOTAL AND DISSOLVED COPPER
   - OIL & GREASE

CONSTRUCTION & INSTALLATION NOTES
1. CONTRACTOR TO VERIFY ALL ELEVATIONS IN FIELD PRIOR TO INSTALLATION.
2. CONCRETE SHALL HAVE COMPRESSIVE STRENGTH F'c 5,000‐AT 28‐DAYS.
3. ALL MATERIALS AND SPECIFICATIONS SHOWN IN THE DRAWINGS ARE AS SHOWN, UNLESS OTHERWISE NOTED.
4. CONTRACTOR TO PROVIDE ALL APPROPRIATE CONNECTIONS TO AT HOME, AS MADE BY 0-R‐G, A‐C, OR APPROVED EQUAL, AND SHALL BE WATERPROOFED.
5. ENVIRONMENTAL, SURROUNDING, AND SHOPS TO BE DESIGNED BY OTHERS.
6. JENSEN’S STORMVAULT BIOFILTRATION SYSTEM TO RECEIVE SURFACE FLOW FROM ALL SOIL, ELIMINATING THE TOP OF WALL AND TREE GRATES.
7. SVBF MAY BE DEPLOYED WITH UNLIMTED TOP OF WALLS TO BE DESIGNED IN FIELD ALLOWING OPTIONS FOR CONSTRUCTION OF CONTIGUOUS COMPARTMENTS AND LANDSCAPING.
8. MULTIPLE SVBF CAN BE LOCATED ON ANY SIDE OF THE BOX AND THEIR DIMENSIONS VARY FOR DESIGN.

MATERIALS & DESIGN PARAMETERS
1. ALL DIMENSIONS ARE IN DECIMAL INCHES.
2. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH F’c = 5,000 AT 28 DAYS.
3. ALL PIPE AND CONNECTORS SHALL BE SUPPLIED BY JENSEN PRECAST, UNLESS OTHERWISE NOTED.
4. HIGH‐SOIL‐RESISTANT CONNECTIONS IN ACCORDANCE WITH ASTM C 622.
5. JENSEN’S STORMVAULT BIOFILTRATION SYSTEM TO RECEIVE SURFACE FLOW FROM ALL SOIL, ELIMINATING THE TOP OF WALL AND TREE GRATES.
6. JENSEN’S STORMVAULT BIOFILTRATION SYSTEM TO RECEIVE SURFACE FLOW FROM ALL SOIL, ELIMINATING THE TOP OF WALL AND TREE GRATES.
7. SVBF STORMWATER QUALITY DESIGN FLOW (GWQDF) XX.XX - CFS
8. JENSEN’S STORMVAULT BIOFILTRATION SYSTEM TO RECEIVE SURFACE FLOW FROM ALL SOIL, ELIMINATING THE TOP OF WALL AND TREE GRATES.
9. JENSEN’S STORMVAULT BIOFILTRATION SYSTEM TO RECEIVE SURFACE FLOW FROM ALL SOIL, ELIMINATING THE TOP OF WALL AND TREE GRATES.
10. JENSEN’S STORMVAULT BIOFILTRATION SYSTEM TO RECEIVE SURFACE FLOW FROM ALL SOIL, ELIMINATING THE TOP OF WALL AND TREE GRATES.
11. FOR COMPLETE DESIGN AND PRODUCT INFORMATION, CONTACT JENSEN STORMWATER SYSTEMS.