STORMVAULT BIOFILTRATION (SVBF) CONFIGURATION: TREE WELL (-TW) MODEL: SVBF-TW 6X12

HYDRAULICS

STORM WATER QUALITY DESIGN FLOW (SQDF)

<table>
<thead>
<tr>
<th>STORM DRAW DESIGN CONVEYANCE FLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX.X - CFS</td>
</tr>
</tbody>
</table>

RETURN FREQUENCY / PERIOD OF FLOOD DESIGN CONVEYANCE FLOW

| XX - YRS                          |

TREATMENT

<table>
<thead>
<tr>
<th>BID SOIL FILTER MEDIA*</th>
<th>PUBLIC DOMAIN</th>
<th>JENSEN'S MEDIA BLEND **</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 - R416</td>
<td>10 – R416</td>
<td></td>
</tr>
<tr>
<td>15 – R416</td>
<td>15 – R416</td>
<td></td>
</tr>
<tr>
<td>0.1 - GPM / FT²</td>
<td>1.0 - GPM / FT²</td>
<td></td>
</tr>
</tbody>
</table>

LOADING RATE (HSLR)

<table>
<thead>
<tr>
<th>SVBF-TW 6X12 PEAK TREATMENT FLOW (TTP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.016 – CFS</td>
</tr>
<tr>
<td>0.321 – CFS</td>
</tr>
<tr>
<td>0.1 – GPM / FT²</td>
</tr>
<tr>
<td>1.0 – GPM / FT²</td>
</tr>
</tbody>
</table>

* JENSEN BIORETENTION & INFILTRATION TREE PLANTER STORMVAULT BIOFILTRATION USED TO TREAT THE ENTIRE EQF AT A RATE OF 20 INCHES PER HOUR WHEN USING SPECIFIED PUBLIC DOMAIN AND SOIL MEDIA.
** JENSEN BIORETENTION & INFILTRATION TREE PLANTER STORMVAULT BIOFILTRATION USED TO TREAT THE ENTIRE EQF AT A RATE OF 30 INCHES PER HOUR WHEN USING JENSEN ENGINEERED BARK BLEND BY 50% WITH.

1. JENSEN'S STORMVAULT BIOFILTRATION (JVP) DESIGNED AND USED TO TREAT THE ENTIRE SQDF.
2. CAPTURED WATER QUALITY CONSTITUENTS:
   - TOTAL SUSPENDED SOLIDS (TSS)
   - PHOSPHORUS
   - TOTAL AND DISCHARGED CORPUS
   - TOTAL AND DISCHARGED OIL & GREASE
3. INFILTRATION TREE/PLANTER STORMVAULT (SVBF) TREATED ENTIRE SQDF AT A RATE OF 193 - INCHES PER HOUR.
4. STORMVAULT BIOFILTRATION (SVBF) DESIGNED ENTIRE SQDF.

CONSTRUCTION & INSTALLATION NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS IN FLOOD PRIOR TO INSTALLATION.
2. THE CONNECTION BETWEEN THE INTERNAL DRAIN PIPE AND THE NIP PIPE AS MADE USING INSTALLATION MATERIALS WILL BE MAINTAINED/CONNECTORS CONDITIONED TO ASTM C266, AS MADE BY KOR IN SYRIA, AUK, OR APPROVED EQUAL AND SHALL BE WATERPROOF.
3. CONTRACTOR MAY ALSO GRIND ALL PIPE FITTINGS TO PRECISE CONCRETE OPENINGS IN FLOOD AS NEEDED.
4. CONTRACTOR TO PROVIDE FIELD OF COMPLIANCE TO THE ELEVATIONS SHOWN ON THE SITE DIRECTION AS NEEDED.
5. THE CONNECTION BETWEEN THE STORM DRAINED LINE AND THE NIP PIPE SHALL BE MADE USING INSTALLATION MATERIALS CONDITIONED TO ASTM C266, AS MADE BY KOR IN SYRIA, OR APPROVED EQUIVALENT.
6. VAPOR CAN EASILY BE INSTALLED AS AN OPEN TIP TOP SILICONE SYSTEM TO RECEIVE SURFACE FLOW FROM ALL SOURCES, ELIMINATING TOP SOIL AND TREE GATE.
7. ELEVATIONS SHOWN ON THE SITE DRAWINGS MAY VARY.
8. ELEVATIONS SHOWN ON THE SITE DRAWINGS MAY VARY.
9. ALL PIPE CONFORMING TO ASTC 35) WITH AS-BUILT WATERPROOFING COATING AROUND ENTIRE INSIDE SURFACE OF NIP PIPE.
10. ALL PVC PIPE SHALL BE MADE USING INSTALLATION MATERIALS CONDITIONED TO ASTM C266, AS MADE BY KOR IN SYRIA, OR APPROVED EQUIVALENT.
11. ALL GROUNDS LAWN FOR PLANTING AND LANDSCAPING INSTALLATION TO BE COMPLIANT WITH JENSEN SPECIFICATIONS.
12. ALL CONCRETE COMPONENT THICKNESSES, DIMENSIONS, AND JOINT ORIENTATIONS MAY VARY ACROSS JENSEN PRECAST MANUFACTURING FACILITIES.

DISCLAIMERS, INCLUDING BUT NOT LIMITED TO

1. All materials appearing as JENSEN PRECAST documents and the like are proprietary work product and are protected under U.S. copyright law. Claims in connection with business relationships with JENSEN PRECAST, any use of JENSEN PRECAST work product without express written consent is prohibited, and involved in a legal suit for violation will be viewed upon as criminal trespass.
2. All models, drawings, and design criteria are intentional or optional system design criteria. All necessary component substitutions, additions, and/or omissions may be made.
3. The designs or models have been provided by Jensen Precast. Others are responsible for verification that system meets intended application.
4. Foundation, subgrade, and backfill to be designed by others.

STORMVAULT BIOFILTRATION TREE WELL (TW) MODEL: SVBF-TW 6X12

INFLUX

TOTAL (TSS)

• TOTAL AND DISCHARGED CORPUS
• TOTAL AND DISCHARGED OIL & GREASE

CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS IN FLOOD PRIOR TO INSTALLATION.

5. ALL CONCRETE COMPONENTS TO BE PROVIDED BY JENSEN PRECAST MANUFACTURING FACILITIES.