**Configuration: Underground Vault (UV)**

**Model: SVBF-UV 6X12**

**Hydraulics:**
- Storm Water Quality Design Flow (SQDF) ≤ XX.X-CFS
- Storm Drain Design Conveyance Flow ≤ XX.X-CFS

**Treatment:**
- BIO SOIL FILTRATION MEDIA
- Public Storm Drain
- JENSEN'S SIERRA BLO ODIUM

<table>
<thead>
<tr>
<th>Bio Soil Media</th>
<th>Unitized Treatment Flow Rate</th>
<th>Stormwater Quality Design Flow (SQDF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-in. P-75</td>
<td>193 CFS</td>
<td>≤ XX.X-CFS</td>
</tr>
<tr>
<td>2-in. P-75</td>
<td>2-CFS</td>
<td></td>
</tr>
<tr>
<td>M-COIL UV-6X12</td>
<td>0.016-CFS</td>
<td>2-CAFS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.321-CFS</td>
</tr>
</tbody>
</table>

**Construction & Installation Notes:**
1. Contractor to verify all dimensions and elevations in field prior to installation.
2. PRECAST UNITIZED SYSTEMS TO BE EMBEDDED IN PRECAST CONCRETE STRUCTURE TO AVOID FREEBOARD ISSUES.
3. ALL CONCRETE JOINTS TO BE BRIDGED WITH COMPRESSIVE STRENGTH F'c ≥ 5,000 psi.
4. CONCRETE SHALL BE HIGH-SUEATE RESISTANT CEMENT IN ACCORDANCE WITH ASTM C 150.
5. JENSEN'S SIERRA BLO ODIUM IS TO BE USED IN CONSTRUCTION OF CONTINUOUS STREETSCAPE FEATURES.
6. ALL CONCRETE JOINTS TO BE BRIDGED WITH COMPRESSIVE STRENGTH F'c ≥ 5,000 psi.

**Materials & Design Parameters:**
1. **Concrete:**
   - Gymnastics shall have a minimum compressive strength F'c ≥ 5,000 psi at 28 days.
   - Portland Cement used in the Precast Section shall meet the requirements of Type UV High-Sulfate Resistant Cement in accordance with ASTM C 150.
   - Vault Systems designed and manufactured in accordance with ASTM C 73.
   - Vault Systems designed and manufactured in accordance with ASTM C 73.
   - All Precast Concrete Components are to be manufactured in accordance with the MANUFACTURER'S CERTIFIED PLAN.
2. **Walls & Beams:**
   - Walls shall be reinforced with high-strength reinforcing bars.
   - Beams shall be reinforced with high-strength reinforcing bars.
3. **Groundwater Elevation:**
   - Groundwater elevation is assumed to be below the bottom of Precast Structure.
4. **Material:**
   - Concrete shall be used for all Precast Concrete Components.

**Contact:**

**Disclaimer:**
- All information is subject to change without notice.
- All information is subject to change without notice.
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- All information is subject to change without notice.
- Contact Jensen Precast for design and installation specifications.

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