**STORMTECH CHAMBER SPECIFICATIONS**

- **SC-310**
  - Chamber size: 4' x 4' x 6' (1.2 m x 1.2 m x 1.8 m)
  - Max. flow rate: 6,000 gpm
  - Max. capacity: 28,000 gal

- **SC-310EPE**
  - Chamber size: 4' x 4' x 6' (1.2 m x 1.2 m x 1.8 m)
  - Max. flow rate: 6,000 gpm
  - Max. capacity: 28,000 gal

**MINIMUM INSTALLED STORAGE**

- 3,357
- 4,467
- 5,567

- **SC-310EPE10B**
  - Chamber size: 4' x 4' x 6' (1.2 m x 1.2 m x 1.8 m)
  - Max. flow rate: 6,000 gpm
  - Max. capacity: 28,000 gal

**WEIGHT**

- All stubs, except for the SC-310EPE12B are placed at bottom of end cap such that the outside diameter of the stub will be centered with respect to the centerline of the chamber.

**GENERAL RECOMMENDATIONS**

- Recommendations are not specific for this project, unless the plans are signed and sealed by the site design engineer.
- Review these details prior to construction and seal the document.
- It is the site design engineer's responsibility to ensure that the construction is in accordance with the specifications.

**INSERTA TEE TO BE CENTERED**

- Inserta tee side inlet detail
- Inserta tee fittings available for SDR 26, SDR 35, SCH 40 IPS
- Part numbers will vary based on inlet pipe materials.

**INSERTA TEE SIDE INLET DETAIL**

- Inserta tee side inlet detail 1
- Inserta tee side inlet detail 2
- Inserta tee side inlet detail 3
- Inserta tee side inlet detail 4

**ACCEPTABLE FILL MATERIALS: STORMTECH SC-310 CHAMBER SYSTEMS**

<table>
<thead>
<tr>
<th>MATERIAL LOCATION</th>
<th>DESCRIPTION</th>
<th>CODE NUMBER</th>
<th>CONTINUOUSLY COMPACTED AASHTO R-1</th>
<th>INTERRUPED COMPACTED AASHTO R-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Course</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subbase</td>
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<tr>
<td>Backfill</td>
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</tr>
</tbody>
</table>

**NOTES**

- **A**. The minimum fill material required for the SC-310 chamber system is 8" (200 mm) thick concrete slab.
- **B**. The foundation stone shall be leveled and compacted prior to placing chambers.
- **C**. The use of a dozer to push embedment stone between the rows of chambers may cause damage to the chambers and is not recommended.

**UNDERCRAW DETAIL**

- Undercrawl detail
- Undercrawl detail 2
- Undercrawl detail 3
- Undercrawl detail 4

**SC-310 ISOLATOR ROW DETAIL**

- Sc-310 isolator row detail
- Sc-310 isolator row detail 2

**SC-310 0" (150 mm) INSPECTION PORT DETAIL**

- Sc-310 0" inspection port detail
- Sc-310 0" inspection port detail 2

**INSPECTA TEE SIDE INLET DETAIL**

- Inspecta tee side inlet detail
- Inspecta tee side inlet detail 2
- Inspecta tee side inlet detail 3
- Inspecta tee side inlet detail 4

**STORMTECH END CAP**

- Stormtech end cap
- Stormtech end cap 2
- Stormtech end cap 3
- Stormtech end cap 4

**SC-310 TECHNICAL SPECIFICATIONS**

- Sc-310 technical specifications
- Sc-310 technical specifications 2
- Sc-310 technical specifications 3
- Sc-310 technical specifications 4

**INSTRUCTIONS FOR CONSTRUCTION**

- Instructions for construction
- Instructions for construction 2
- Instructions for construction 3
- Instructions for construction 4

**NOTES FOR CONSTRUCTION EQUIPMENT**

- Notes for construction equipment
- Notes for construction equipment 2
- Notes for construction equipment 3
- Notes for construction equipment 4

**SC-310 CROSS SECTION DETAIL**

- Sc-310 cross section detail
- Sc-310 cross section detail 2
- Sc-310 cross section detail 3
- Sc-310 cross section detail 4

**ADVANCED DRAINAGE SYSTEMS, INC.**

- Advanced drainage systems, inc.
- Advanced drainage systems, inc. 2