STORMTECH MC-3500 CROSS SECTION DETAIL

STORMTECH MC-3500 ISOLATOR ROW DETAIL

STORMTECH CHAMBER SPECIFICATIONS

1. STORMTECH CHAMBERS SHALL NOT EXCEED REQUIREMENTS AS SPECIFIED BY THE MANUFACTURER.
2. USE STORMTECH CHAMBERS, AS SHOWN THROUGH SKETCH 1, FOR STRUCTURAL DESIGN PURPOSES.
3. INSTALLATION RECOMMENDATIONS AND INSTALLATION RECOMMENDATIONS ARE ALSO SPECIFIED IN TECHNICAL NOTE 6, PAGE CONNECTIONS TO MATERIALS USED.
4. PERFORMANCE MUST COMPLY WITH INSTALLATION, CONTINUOUS BURST ANALYSIS OF CHAMBERS. INSTALLATION MUST BE ACCORDING TO THE INSTALLATION OF MANUFACTURER.
5. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS".
6. CHAMBERS MUST CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
7. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".

NOTE(S):

1. UNITS CONVERSIONS CAN BE ACCORDING TO THE "STORMTECH" SPECIFICATIONS.
2. THE STORMTECH SYSTEMS MUST BE USED IN ACCORDANCE WITH THE "STORMTECH" SPECIFICATIONS.
3. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
4. THE STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
5. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
6. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
7. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"

NOTES:

1. INSTALLING BASEMENT WALLS NOT EXCEED REQUIREMENTS AS SPECIFIED BY THE MANUFACTURER.
2. PERFORMANCE MUST COMPLY WITH INSTALLATION, CONTINUOUS BURST ANALYSIS OF CHAMBERS. INSTALLATION MUST BE ACCORDING TO THE INSTALLATION OF MANUFACTURER.
3. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
4. MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
5. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
6. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
7. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"

ESSENTIAL TO THE INSTALLATION OF THE SYSTEM IS THE MAINTENANCE OF THE INSTALLATION PERIODICALLY AS SPECIFIED IN THE INSTALLATION OF MANUFACTURER.

REFERENCES:

1. UNITS CONVERSIONS CAN BE ACCORDING TO THE "STORMTECH" SPECIFICATIONS.
2. THE STORMTECH SYSTEMS MUST BE USED IN ACCORDANCE WITH THE "STORMTECH" SPECIFICATIONS.
3. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
4. THE STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
5. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
6. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
7. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"

NOTES FOR THE INSTALLATION OF THIS MC-3500 SYSTEM:

1. INSTALLING BASEMENT WALLS NOT EXCEED REQUIREMENTS AS SPECIFIED BY THE MANUFACTURER.
2. PERFORMANCE MUST COMPLY WITH INSTALLATION, CONTINUOUS BURST ANALYSIS OF CHAMBERS. INSTALLATION MUST BE ACCORDING TO THE INSTALLATION OF MANUFACTURER.
3. CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
4. THE STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
5. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
6. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
7. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"

STORMTECH INSTALLATION INSTRUCTIONS PRIOR TO BEGINNING SYSTEM INSTALLATION.

CONTRACTOR RESPONSIBILITY:

1. UNITS CONVERSIONS CAN BE ACCORDING TO THE "STORMTECH" SPECIFICATIONS.
2. THE STORMTECH SYSTEMS MUST BE USED IN ACCORDANCE WITH THE "STORMTECH" SPECIFICATIONS.
3. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
4. THE STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
5. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
6. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
7. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"

NOTES TO THE INSTALLING CONTRACTOR:

1. INSTALLING BASEMENT WALLS NOT EXCEED REQUIREMENTS AS SPECIFIED BY THE MANUFACTURER.
2. PERFORMANCE MUST COMPLY WITH INSTALLATION, CONTINUOUS BURST ANALYSIS OF CHAMBERS. INSTALLATION MUST BE ACCORDING TO THE INSTALLATION OF MANUFACTURER.
3. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
4. THE STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
5. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
6. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
7. STORMTECH SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 2787, "STANDARD PRACTICE FOR STRUCTURAL STEEL CONSTRUCTION CHAMBERS"
LIST OF WAIVERS REQUESTED:

WAIVER FROM ARTICLE XIII 13.A: STREET TREES
REQ: LOCATED WITHIN 10-FT OF THE STREET RIGHT-OF-WAY
PROP: NO TREES PROPOSED; DRIVEWAY EXTENDS WIDTH OF PROPERTY LIMITS
REQ: SPACED 30 TO 50 FEET ON CENTER
PROP: NO TREES PROPOSED; DRIVEWAY EXTENDS WIDTH OF PROPERTY LIMITS

WAIVER FROM ARTICLE IV.G.1.B: SMALL EVERGREEN TREE AND LARGE SHRUB SIZE
REQ: 6 TO 8 FEET MINIMUM
PROP: NONE PROPOSED

ARTICLE IV.G.3: PARKING LOT SCREENING
REQ: SELECTION OF 1 OF 5 OPTIONS
PROP: NONE; NO PARKING PROPOSED ADJACENT TO PUBLIC STREET
REQ: 1 TREE PLUS 3 LOW SHRUBS FOR EVERY 35-FT OF PERIMETER
PROP: NONE; 1- TO 3-FT BUFFER STRIP BETWEEN PARKING AND PROPERTY LINE

ARTICLE IV.G.5: BUILDING LANDSCAPING
REQ: 3-FT WIDE LANDSCAPE STRIP BETWEEN BUILDING AND PARKING
PROP: NO LANDSCAPE STRIPS PROVIDED

PLANT SCHEDULE

<table>
<thead>
<tr>
<th>RESIDENTIAL TREES</th>
<th>CODE</th>
<th>BOTANICAL COMMON NAME</th>
<th>B&amp;B</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSC 1</td>
<td>1</td>
<td>Teeth and/or Shenandoah</td>
<td>5-6 B&amp;B</td>
<td>P Cat</td>
</tr>
</tbody>
</table>

NOTES: LOAM AND DEDD ALL DISTURBED AREAS UNLESS OTHERWISE NOTED.