COMPACTION LAYER
AND/OR DRAINAGE LAYER

OBJECTIVE

STRATAMEMBRANE OR FilterGrid HEAVY GRADE NON-WOVEN FILTER FABRIC WITH REINFORCING GRID TO TOP SURFACE OF RootSpace MATRIX, AND FOLDED TO LINE OUTER EDGE OF MATRIX TO DEPTH OF 12 inches OR GREATER.

NOTE: ADEQUATE DRAINAGE FROM BASE OF TREE PIT TO BE PROVIDED IF DESIGN INCORPORATES WSSD PRINCIPLES, OR IF SITE CONDITIONS REQUIRE.

STORM WATER DETAIL PLANS
INfiltration Trench 52 cu ft/ft

COMPONENT LIST

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>QTY</th>
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<tbody>
<tr>
<td>RootSpace STRUCTURAL SOIL CELL/AIR DECK</td>
<td>(AS/PS)</td>
</tr>
<tr>
<td>FG3030 FilterGrid BI-AXIAL FILTER LAYER</td>
<td>(AY)</td>
</tr>
<tr>
<td>RRCIV1 RootRain CIVIC SINGLE INLET</td>
<td>(4)</td>
</tr>
<tr>
<td>RER300 ReRoot LINEAR RIBBED R/BARRIER</td>
<td>(35)</td>
</tr>
<tr>
<td>RS1200 RootStop BARRIER</td>
<td>(97yd²)</td>
</tr>
</tbody>
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SOIL VOLUME GUIDE: APPROX 52 cu ft/ft OF SOIL (±5%), DEPENDING ON SOIL TYPE AND EXCAVATION VARIATIONS

DISCLAIMER

Approved: 
Checked: 
Date: 03/05/2012 
Designed: 
Revision: 
Scale: 
Drawing No. 
Title 
Rev. 
No. 

All foundation details to be verified by a qualified engineer. The manufacturer disclaims liability resulting from any loss or damage incurred from their products, or their installation method, either direct or consequential.

INSTALLATION/EXCAVATION TIPS

1. ADD 5% TO OUTER PLAN DIMENSIONS WHEN EXCAVATING PIT.
2. ALWAYS CHECK PIT DIMENSIONS AT BASE OF PIT, ENSURING SIDES ARE CLEAN AND SQUARE.
3. LEVEL AND SCREEDED DRAINAGE LAYER PRIOR TO PLACEMENT OF CELLS.

NOTE: ENSURE THE PIT BASE IS SCREEDED, LEVELLED AND COMPACTED PROPERLY BEFORE PLACING CELLS ON BASE, TO ALLOW FOR EASE OF INSTALLATION OF OVERALL MATRIX.

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