RS1200 RootStop BARRIER LAID ON OUTER WALLS OF PIT.

RER300 ReRoot RIBBED LINEAR BARRIER INSTALLED ABOVE RootSpace, WITH RIBS FACING TREE.

SOFT PLANTING OR MULCH TO PLANTING SPECIFICATIONS.

RootSpace STRUCTURAL SOIL MODULES LOADED WITH SCREENED SANDY LOAM SOIL MIX, ORGANIC 4-8% BY VOLUME.

RRARB2 RootRain ARBORVENT DUAL INLET DEEP WATERING AND AERATION SYSTEM.

RRCIV1 RootRain CIVIC SINGLE INLET WITH CAP FOR INITIAL WATERING OF ROOTBALL ZONE.

402" 121" 4 inch COMPACTION LAYER.

OPTIONAL: DRAINAGE LAYER (REQUIRED IF SURROUNDING SOIL IS NOT FREE DRAINING, OR IF TREE PIT IS HARVESTING STORMWATER)

PAVEMENT DESIGN, AND BASE COURSE COMPACT LEVELS TO ENGINEER SPECIFICATIONS.

RS1200 RootStop BARRIER LAID ON OUTER WALLS OF PIT.

RRCIV1 RootRain CIVIC SINGLE INLET WITH CAP FOR INITIAL WATERING OF ROOTBALL ZONE.

SOFT PLANTING OR MULCH TO PLANTING SPECIFICATIONS.

RRARB2 RootRain ARBORVENT DUAL INLET DEEP WATERING AND AERATION SYSTEM.

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.

RootSpace STRUCTURAL SOIL MODULES LOADED WITH SCREENED SANDY LOAM SOIL MIX, ORGANIC 4-8% BY VOLUME.

RER300 ReRoot RIBBED LINEAR BARRIER INSTALLED ABOVE RootSpace, WITH RIBS FACING TREE.

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>121</td>
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<tr>
<td>FilterGrid BI-AXIAL FILTER LAYER</td>
<td>4</td>
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<tr>
<td>RRCIV1 RootRain CIVIC SINGLE INLET</td>
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<tr>
<td>RER300 ReRoot LINEAR RIBBED R/BARRIER</td>
<td>3</td>
</tr>
<tr>
<td>RS1200 RootStop BARRIER</td>
<td>21</td>
</tr>
<tr>
<td>RRARB2 RootRain ARBORVENT DUAL INLET</td>
<td>2</td>
</tr>
</tbody>
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SOIL VOLUME GUIDE: APPROX 1408 ft³ of soil, depending on soil type and excavation variations.

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

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

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 SCREEED DRAINAGE LAYER PRIOR TO PLACEMENT OF CELLS.

LINEAR TREE PIT w/OPEN SURROUND 1408 cu ft

DETAIL PLANS