**RRARB2 RootRain ARBORVENT DUAL INLET DEEP WATERING AND AERATION SYSTEM.**

4 inch COMPACTION LAYER.

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

**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.**

**RS1200 RootStop BARRIER LAID ON OUTER WALLS OF PIT.**

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

**GREENBLUE TREE GRATE AND GUARD - REFER TO ADDITIONAL SPECIFICATIONS.**

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

**RS1200 RootStop BARRIER LAID ON OUTER WALLS OF PIT.**

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

**GREENBLUE TREE GRATE AND GUARD - REFER TO ADDITIONAL SPECIFICATIONS.**

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

**RRPREC1 RootRain PRECINCT SINGLE INLET FOR INITIAL WATERING OF ROOTBALL ZONE.**

**GreenBlue URBAN SQUARE TREE PIT DETAIL PLANS**

**COMPUTER GENERATED ILLUSTRATION FOR PROJECT SPECIFICATIONS**

**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 SCREED DRAINAGE LAYER PRIOR TO PLACEMENT OF CELLS.

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

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

**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>
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<tr>
<td>FG3030 FilterGrid BI-AXIAL FILTER LAYER</td>
<td>1</td>
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<tr>
<td>RRPREC1 RootRain PRECINCT SINGLE INLET</td>
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<td>RER300 ReRoot LINEAR RIBBED R/BARRIER</td>
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<td>RRARB2 RootRain ARBORVENT DUAL INLET DEEP WATERING AND AERATION SYSTEM</td>
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</tbody>
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**SOIL VOLUME GUIDE:** APPROX 750 ft³ OF SOIL (±5%), DEPENDING ON SOIL TYPE AND EXCAVATION VARIATIONS.

**SQUARE TREE PIT DETAIL PLANS**

**AS SHOWN**

**AS SQUARE TREEPIT DETAIL PLANS**

**w/TREE GRATE 750 cu ft**

**DETAIL PLANS**

**Designer:** [Signature]

**Checked:** [Signature]

**Date:** 03/01/2012

**Scale:** 1/4" = 1'-0"

**Drawing No.:** 18-060

**Title:** SQUARE TREE PIT w/TREE GRATE 750 cu ft

**Revision:**

**Approval:**

**DISCLAIMER**

Approved:

Checked:

Date:

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