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.

RRARB2 RootRain ARBORVENT DUAL INLET DEEP WATERING AND AERATION SYSTEM.

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

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.

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.

GREENBLUE TREE GRATE AND GUARD - REFER TO ADDITIONAL SPECIFICATIONS.

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

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

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COMPONENT LIST

SOIL VOLUME GUIDE: APPROX 1408 ft³ OF SOIL (±5%), DEPENDING ON SOIL TYPE AND EXCAVATION VARIATIONS.

PRODUCT

RootSpace STRUCTURAL SOIL CELL/AIR DUCT

FG3030 FilterGrid BI-AXIAL FILTER LAYER

RRPREC1 RootRain PRECINCT SINGLE INLET

RER300 ReRoot LINEAR RIBBED R/BARRIER

RS1200 RootStop BARRIER

RRARB2 RootRain ARBORVENT DUAL INLET

LINEAR TREE PIT - SECTION AA

LINEAR TREE PIT - SECTION BB

LINEAR TREE PIT - PLAN

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.

DISCLAIMER

Approved:

Checked:

Date:

Designed:

Revision:

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

Drawing No.

Title

Rev.

Date

No.

Preparation

Date

Scale

Drawing No.

Note: 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.