COMPACTION LAYER
AND/OR DRAINAGE LAYER

STRATA MEMBRANE 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.

RootSpace STRUCTURAL MODULES

PAVING SURFACE

RS1200 RootStop BARRIER
LAID ON OUTER WALLS OF PIT.

RootSpace STRUCTURAL MODULES

787" 51"

DISCLAIMER
Approved: Checked: Date: Designed: Revision: Scale: Drawing 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.

SOIL VOLUME GUIDE: APPROX 279 ft³/ft² OF SOIL (±5%), 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 SCREEDED, LEVELLED AND COMPACTED PROPERLY BEFORE PLACING CELLS ON BASE, TO ALLOW FOR EASE OF INSTALLATION OF OVERALL MATRIX.

STORM WATER DETAIL PLANS
INFILTRATION TRENCH 279 cu ft/ft²

PRODUCT
RootSpace STRUCTURAL SOIL CELL/AIR DECK
FG3030 FilterGrid BI-AXIAL FILTER LAYER
RRCIV1 RootRain CIVIC SINGLE INLET
RER300 ReRoot LINEAR RIBBED R/BARRIER
RS1200 RootStop BARRIER

QTY
RRARB2 RootRain ARBORVENT DUAL INLET

STORM WATER INFILTRATION TRENCH 279 cu ft/ft² DETAIL PLANS

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 SCREE DRAINAGE LAYER PRIOR TO PLACEMENT OF CELLS.