

NOTES

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.

ENSURE THAT THE PIT BASE IS SCREEDED AND COMPACTED ADEQUATELY BEFORE PLACING CELLS ON BASE, TO ALLOW FOR EASE OF INSTALLATION OF OVERALL MATRIX.

ADEQUATE DRAINAGE FROM BASE OF TREETPIT TO BE PROVIDED IF DESIGN INCORPORATES WSUD PRINCIPLES, OR IF SITE CONDITIONS REQUIRE.

IF TREETPIT IS DESIGNED TO SUPPORT VEHICLE LOADS ON PAVEMENT, REFER TO ENGINEER DETAILS FOR SUBGRADE STRENGTH AND PREPARATION, STRATACELL STRENGTH RATING, AND PAVEMENT DESIGN.

CITYGREEN TREE GRILLE & TREE GUARD- AS DETAILED  
TREE GUARD H:1800mm x Ø600mm

RER260 ReRoute RIBBED LINEAR  
BARRIER INSTALLED ABOVE  
StrataCells, WITH RIBS FACING TREE.

RRARB2 RootRain ARBORVENT DUAL  
INLET DEEP WATERING AND  
AERATION SYSTEM.

COMPACTED GRANULAR COLLAR  
AS PER SPECIFICATIONS

RS600 RootStop BARRIER LAID  
ON OUTER WALLS OF PIT.

100mm DRAINAGE LAYER -  
5-10mm stone chip

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

FilterGrid HEAVY GRADE NON-WOVEN  
FILTER FABRIC WITH REINFORCING GRID TO  
TOP SURFACE OF StrataCell MATRIX, AND  
FOLDED TO LINE OUTER EDGE OF MATRIX  
TO DEPTH OF 300mm.

SC250 StrataCell 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.

LINEAR OFFSET TREETPIT - SECTION AA

SCALE 1:25 (A1) SCALE 1:50 (A3)

LINEAR OFFSET TREETPIT - SECTION BB

SCALE 1:25 (A1) SCALE 1:50 (A3)

CITYGREEN TREE GRILLE & TREE GUARD - REFER TO  
ADDITIONAL SPECIFICATIONS.

RRARB2 RootRain ARBORVENT DUAL INLET DEEP  
WATERING AND AERATION SYSTEM.

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

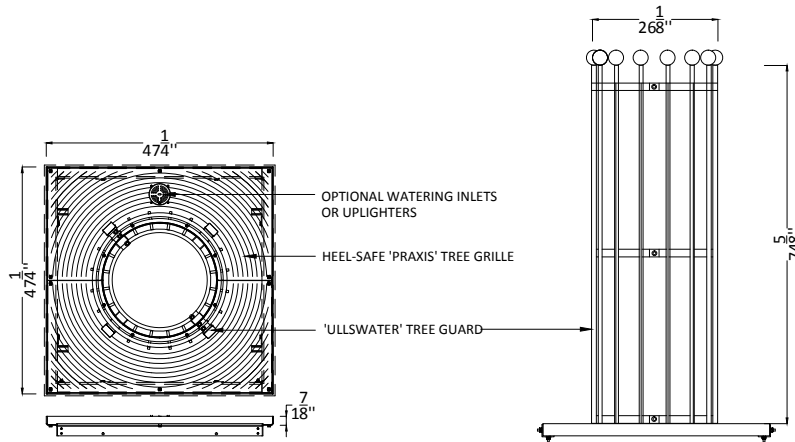
RER300 ReRoute RIBBED LINEAR BARRIER INSTALLED  
ABOVE StrataCells, WITH RIBS FACING TREE.

RS600 RootStop BARRIER LAID ON OUTER WALLS OF PIT.

SC250 StrataCell STRUCTURAL SOIL MODULES LOADED  
WITH SCREENED SANDY LOAM SOIL MIX, ORGANIC  
4-8% BY VOLUME.

LINEAR OFFSET TREETPIT - PLAN

SCALE 1:25 (A1) SCALE 1:50 (A3)



PRAXIS TREE GRILLE & ULLSWATER TREE GUARD - PLAN DETAIL

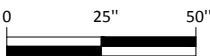
SCALE 1:20 (A1) SCALE 1:40 (A3)

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

AutoCAD FILE.

CIVILCAD FILE.

No.	Date	Amendment Details	Initial



Scale 1:25 @ A1

Job Name:

TREETPIT SYSTEMS

Sheet no: 1 OF 1

Surveyed by:

Geotechnical by:

Datum:

Scale: as shown

Designed:

Checked:

Drawn:

Approved:



Client: CITYGREEN URBAN LANDSCAPE SOLUTIONS

Drawing Title:

LINEAR TREETPIT WITH  
TREEGRILLE& TREEGUARD 11.25m3  
DETAIL PLANS - IMPERIAL VERSION

Dwg No: 2129-H03.2

Amdt. F