

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 TREEPIT TO BE PROVIDED IF DESIGN INCORPORATES WSUD PRINCIPLES, OR IF SITE CONDITIONS REQUIRE.

IF TREEPIT 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.

SC250 StrataCell 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.

COMPACTED GRANULAR COLLAR  
AS PER SPECIFICATIONS

100mm DRAINAGE LAYER - 5-10mm stone chip

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

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.

RS600 RootStop BARRIER LAID ON  
OUTER WALLS OF PIT.

SQUARE TREEPIT - SECTION AA

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

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

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

RRARB2 RootRain ARBORVENT DUAL INLET DEEP  
WATERING AND AERATION SYSTEM.

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

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

RS600 RootStop BARRIER LAID ON OUTER WALLS OF PIT.

SQUARE TREEPIT - PLAN

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

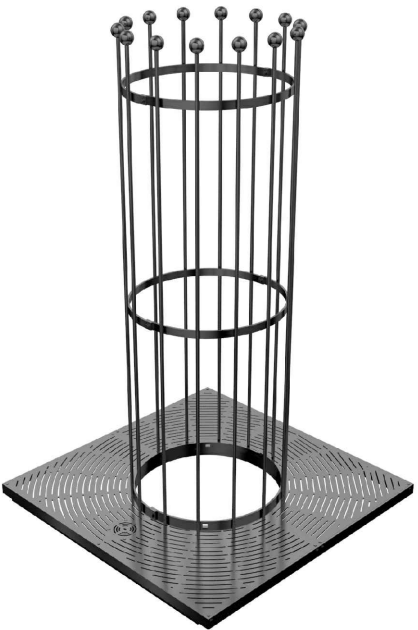
TREE PIT SYSTEM WITH ACCESSORIES

PACKAGE INCLUDES:

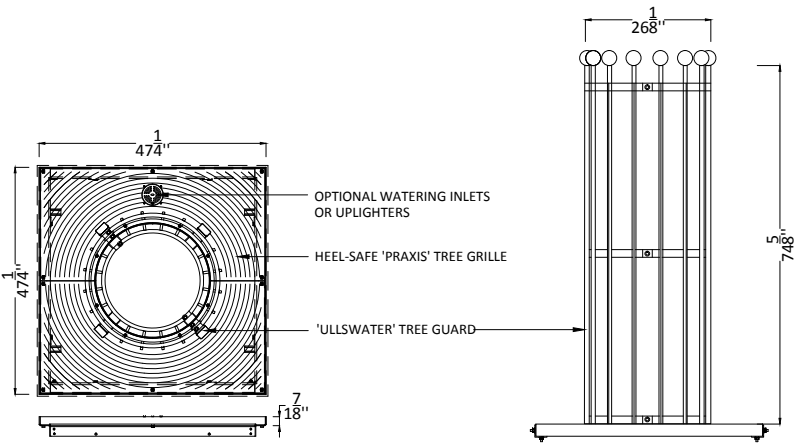
- TREE GRILLE - PRAXIS DPPR120B
- TREE GUARD - ULLSWATER TGULSP18060
- RRPREC1, Root Rain Precinct watering system
- RRARBV2, Arborvent aeration and watering
- RER300, ReRoot linear ribbed root barrier 4.5m
- SC250-30 GenV StrataCell soil cells, 292ea
- FG3030 Filtergrid bi-axial geocomposite, 32m2
- RS600, Rootstop linear root barrier on chosen sides

SOIL VOLUME GUIDE:

- approx 16.5m<sup>3</sup> of soil (±5%),  
depending on soil type and  
excavation variations



ULLSWATER TREE GUARD (*black epoxy finish*)  
with PRAXIS TREE GRILLE (*black coated top plate*)



PRAXIS TREE GRILLE & ULLSWATER TREE GUARD - PLAN DETAIL

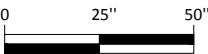
SCALE 1:20 (A1) SCALE 1:40 (A3)

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:

TREEPIT 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:

SQUARE TREEPIT W/ TREEGRILLE  
& TREEGUARD 18m3

DETAIL PLANS - IMPERIAL VERSION

Dwg No: 2129-H01.3

Amdt. H