

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)

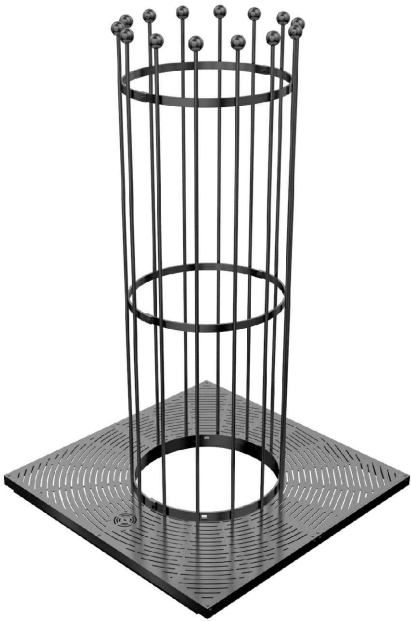
TREE PIT SYSTEM WITH ACCESSORIES

PACKAGE INCLUDES:

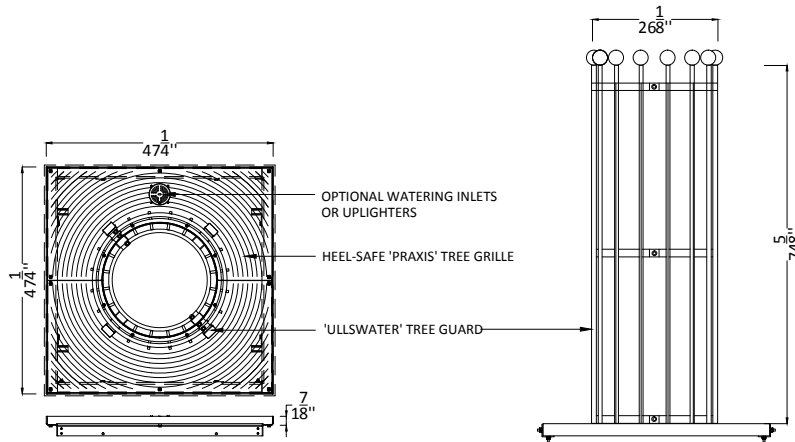
- TREE GRILLE - PRAXIS DPPR120B
- TREE GUARD - ULLSWATER TGULSP18060
- RRRPREC1, Root Rain Precinct watering system
- RRARBV2, Arborvent aeration and watering
- RER300, ReRoot linear ribbed root barrier 4.5m
- SC250-30 GenV StrataCell soil cells, 172ea
- FG3030 Filtergrid bi-axial geocomposite, 21m2
- RS600, Rootstop linear root barrier on chosen sides

SOIL VOLUME GUIDE:

- approx 10.4m³ 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

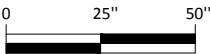
SCALE 1:20 (A1) SCALE 1:40 (A3)

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:

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