



Size varies between 1.5 x 1.5m and 2.0 x 2.0m
refer to soiling plan for tree pit sizes

Mona Relief Grande tree irrigation unit,
(model to correspond with rootball size -
refer to product codes in soiling plan key).
Ensure inlet cover is properly installed to
finish neatly 30mm above FGL.

Plant vertically at
original field grown level

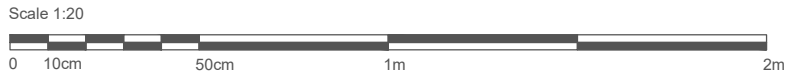
Tree planted in soft
lay 75mm layer
Melcourt Amenity
Bark Mulch

Plati-Mat Platipus rootball fixing system,
including 3 x anchors, 3 x galvanised wire,
1 x ratchet tensioner and 3 x Plati-Mat
rootball protection mesh. Size of Plati-Mat
determined by size of tree

gtRootBarrier 325 installed to sides of pit
to protect known underground services
from roots. Ensure coated side of barrier
faces inside of tree pit.

Locked position of Platipus Plati-Mat anchors
to be installed strictly in accordance with
manufacturers instructions. Size of Plati-Mat
determined by size of tree - refer to product
codes in soiling plan key.

TREE PIT & ANCHORING DETAIL (Typical Detail)
Scale 1:20



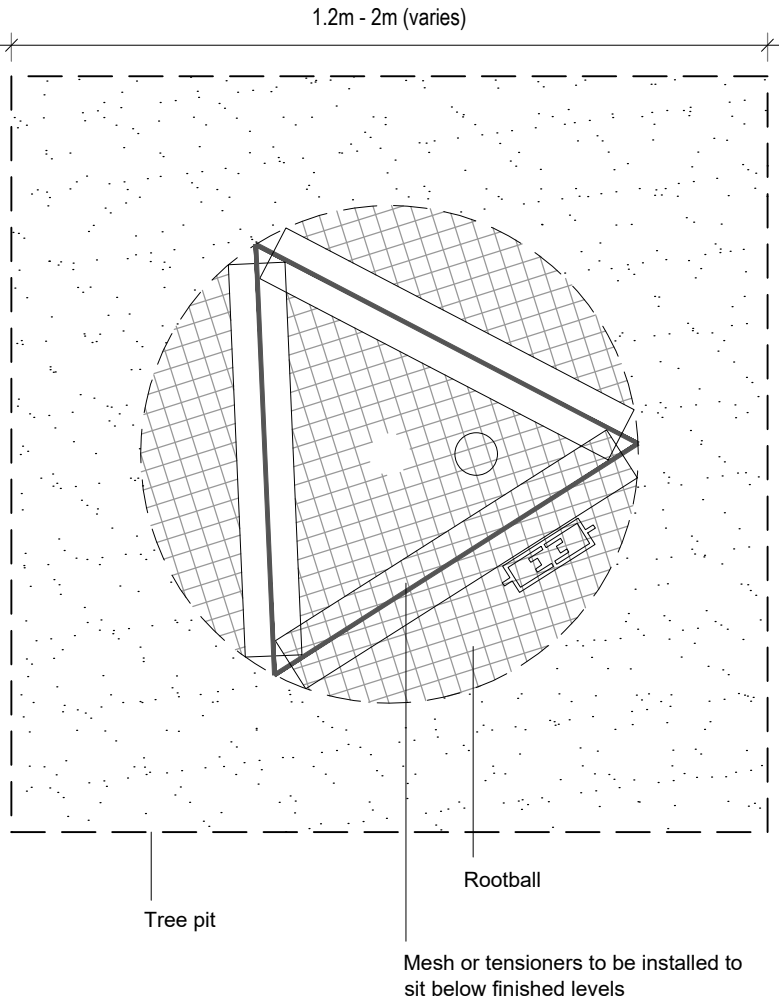
Backfilled with imported topsoil (refer to soiling
plan) and ameliorants. Backfill in layers not
exceeding 300 mm and lightly 'settled' rather than
compacted between each layer (refer to spec). Add
100ml Mycorrizal Rootgrow Professional granules
and 20 no. Sierrablen Flora Tablets of slow release
fertiliser per tree.

Sides of pit to be scarified/broken up to
remove 'polish'

200mm drainage layer, clean, course washed
sand. Undertake and document tree pit soakage
tests prior to forming drainage layer.

Base of tree pit to be thoroughly broken up to
a depth of 300mm by hand.

Pits to be water tested to ensure that they are
free draining. Contractor to carry out infiltration
tests, document photographically and provide
results to CA/Landscape Architect.



Note:

Contractor to familiarize themselves with Platipus Plati-Mat anchor installation instructions and
tools necessary to drive anchors into ground and secure trees in upright position at correct field
grown level, without ratchet tensioner or mesh being visible above Breedon gravel.

Contractor to check for underground services prior to driving anchors into ground.

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TABLE 1. TREE PIT SIZES & ACCESSORIES GUIDANCE

GIRTH	*ROOTBALL SIZE Ø/depth mm	**TREE PIT SIZE mmxmm /depth mm	TYPE	HEIGHT (m)	IRRIGATION pipe circumference in mm	ANCHORING Platipus Plati-Mat ref No.
12-14	500x500	1200x1200 / 800	heavy	3<	1600	RF1P
16-18	500x500	1200x1200 / 800	extra heavy	4-4.5	1600	RF1P
18-20	600x600	1200x1200 / 800	extra heavy	4-5	1900	RF2P
20-25	700x600	1500x1500 / 850	semi mature	4.5-5.5	2500	RF2P
25-30	800x600	1500x1500 / 850	semi mature	5-6	2500	RF2P
30-35	900x600	2000x2000 / 900	semi mature	5.5-6.5	2900	RF2P

*Approximate rootball size according to girth by Deepdale nursery
**Tree pit width calculated to be min 600mm wider than the rootball

- Backfilled with Bourne Amenity TS1 Topsoil to BS 3882. Backfill in layers not
exceeding 300 mm and lightly 'settled' rather than compacted between each
layer. Add 100ml Mycorrizal Rootgrow Professional granules and 20 no. Sierrablen Flora
Tablets of slow release fertiliser per tree.
- 200mm drainage layer, clean, course washed sand. Undertake and document tree pit
soakage tests prior to forming drainage layer.
- gtRootBarrier 325 installed to sides of pit to protect known underground services from
roots. Ensure coated side of barrier faces inside of tree pit.



NOTES

This drawing is Copyright and shall not be produced nor used for any other purpose without the written permission of the
Landscape Architects
Do not scale from this drawing.
The Contractor is responsible for checking all dimensions on site and report any discrepancies, errors or omissions to the
Landscape Architects immediately.
The Contractor shall ensure that all goods, materials and workmanship conform with current British Agreement Certificates,
British Standards and Building Regulations, and ensure that all works are executed in full compliance with all current Codes of
Practice and Regulations in respect of Health & Safety.

Rev Date By Description Ckd



Drawing Status

For Planning

Project:
Victoria Park

Drawing Title:

Technical Details -
Tree Pit

Client:
Mid Sussex District Council

Scale:
as shown @ A2

Date:
09.06.23

Job No.:
23-741

Drawing No.:
741-353