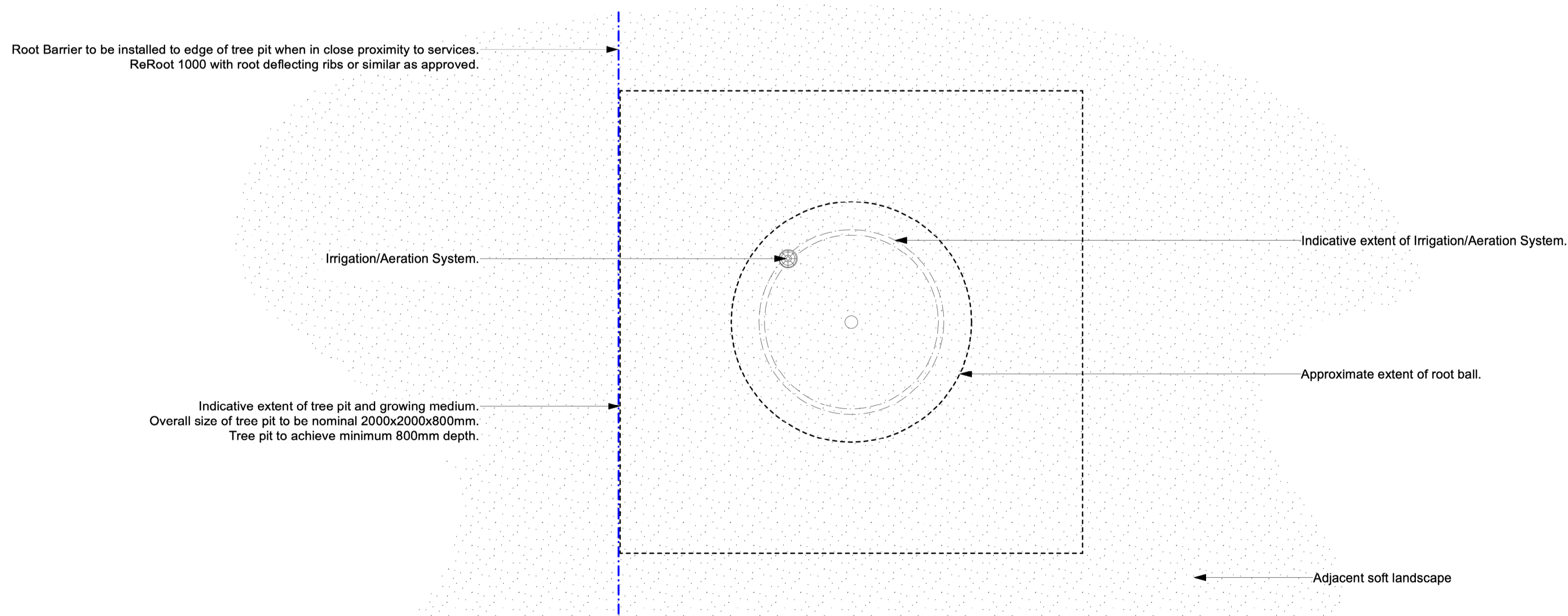


Typical Section Through Tree Pit Within Areas Of Soft Landscape
- Where a Geo-Textile Membrane is Used to Separate The Existing Ground Condition From New Imported Soils
Scale: 1:20 at A1



Typical Plan View of Tree Pit Within Areas Of Soft Landscape
Scale: 1:20 at A1

LIGHTWEIGHT GROWING MEDIUM (INTENSIVE SUBSTRATE)

- Lightweight Growing Medium to be a blend of topsoil (and subsoil as required) with the addition of water retaining aggregates and organic material.
- Growing medium depth as detailed and shown on growing medium formation drawings TRI-CLA-ZZ-00-DR-L-0041, TRI-CLA-ZZ-00-DR-L-0111, TRI-CLA-ZZ-00-DR-L-00211 & TRI-CLA-ZZ-00-DR-L-0911.
- Topsoil must never be installed to a greater depth than 300mm. Below 300mm depth organic matter content of growing medium must not exceed 1.5%.
- Topsoil to comply with BS 3882 and to be a well structured sandy-loam and free from stones or any other contaminants.
- Subsoil to comply with BS 8601.
- Manufactured topsoil to comply with BS 3882.
- Growing medium to have a maximum aggregate size of 25mm.
- All imported topsoil and subsoil to be sourced from a reputable source and to be friable, free-draining and uncompacted with a maximum aggregate size of 25-50mm.
- Topsoil Lightweight Growing Medium to include nominal 15-20% Expanded Clay Lightweight Aggregate (10-20mm aggregate size) or similar.
- LECA Lightweight Expanded Clay Aggregate (4-10mm aggregate size) or similar.
- All growing medium to be from sustainable peat free sources.

SATURATED GROWING MEDIUM WEIGHT TO BE CONFIRMED BY THE CLIENT'S CHOSEN SUPPLIER PRIOR TO INSTALLATION. INFORMATION ON WEIGHT TO BE SUPPLIED TO STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL TO CONFIRM SUITABILITY FOR PODIUM LOADING.

Topsoil Lightweight Growing Medium to be as Bourne Amenity Intensive Lightweight Topsoil or similar as approved by the client.
Subsoil Lightweight Growing Medium to be as Bourne Amenity Intensive Lightweight Subsoil or similar as approved by the client.

Possible supplier
BOURNE AMENITY LIMITED
The Wharf, Rye Road, Newenden, Kent, TN18 5QG
Tel.: 01797 252 299
<https://bourneamenity.co.uk/>

NOTES

1. All dimensions in millimetres unless otherwise shown.
2. All levels in metres above Ordnance Datum (m(AOD)) unless otherwise shown.
3. All dimensions to be checked on site and any discrepancies reported to Employer before pricing / work starts.
4. Any ambiguities or discrepancies within this drawing and any other information given elsewhere must be reported to Camlins and the Employer for clarification before pricing work proceeds.
5. All drawings to be read in conjunction with other Camlins drawings and specification information as appropriate.
6. Refer to relevant Engineer's and Architect's information as appropriate for confirmation of all engineering and architectural details.
7. All works to be carried out in accordance with the latest British Standards and appropriate codes of practice as a minimum.

Notes

TREE PLANTING, TREE SELECTION & APPROVAL
- TREES TO BE SELECTED AND APPROVED BY THE EMPLOYER AT THE NURSERY FROM A GROUP OF AT LEAST 200% OF THE REQUIRED QUANTITY.
- Cost of trees to include for travel expenses for Nursery visits as necessary for the Landscape Architect to approve the trees.

- Representative photos of the trees to be provided prior to any Nursery visit.
- For tree species & stock sizes refer to Tree Planting Plan Drg. No. TRI-CLA-ZZ-00-DR-L-0061.
- Trees to be well balanced in root and crown and to be good examples of the species.
- Trees of the same species and stock size to be a matching set unless directed otherwise by Landscape Architect.
- Evidence to be provided of transplanting in last 4 years. Trees to have been undercut a minimum of 12 and a maximum of 24 months before planting.
- Trees to be containerised in air pot system during last winter season before planting.
- Trees to be installed within constructed tree pit so that growing / nursery line is located at the top of the tree pit (top of root ball at top of topsoil layer).

IMPORTED TOPSOIL & SUBSOIL
- 300mm depth of topsoil and 500mm depth of subsoil for areas of free planting.
- Topsoil must never be installed to a greater depth than 300mm.
- Topsoil to comply with BS 3882.
- Topsoil to be a well structured sandy-loam and free from stones or any other contaminants.
- Topsoil must never be contaminated with other material, including hardcore.
- Topsoil must never be laid over standing water or sodden ground.
- Topsoil must never be overcompacted.
- Subsoil to comply with BS 8601.
- Subsoil Organic Matter Content to be no more than 1%.
- Manufactured topsoil to comply with BS 3882.
- Manufactured topsoil Organic Matter Content to be a maximum of 30%.
- Manufactured topsoil to have a maximum aggregate size of 25mm.
All imported topsoil and subsoil to be sourced from a reputable source and to be friable, free-draining and uncompacted.

Representative sample of all imported topsoils and subsoils to be provided to Employer for approval a minimum of 4 weeks in advance of bulk delivery to site.
Possible Supplier
Bourne Amenity
The Wharf, Rye Road, Kent, TN18 5QG
Tel.: 01797 252 299
Web.: <https://bourneamenity.co.uk/>

EXISTING AREAS OF TOPSOIL & SUBSOIL
- Ground Investigation Report to assess existing soil conditions.
- Contractor to allow for the appointment of a Soil Specialist to independently assess the condition of all retained topsoil and subsoil.
- Soil Specialist to provide detailed Method Statement for the handling of retained topsoil and subsoil to ensure it is fit for future planting proposals. This Method Statement will confirm any additional compost requirements, remediation measures and methods of stripping and temporary storage to ensure that existing topsoils are friable, free-draining and uncompacted.
- Strictly no compaction to occur of all existing topsoil areas to be retained. Any compaction that does occur must be rectified by the Contractor to the approval of the Landscape Architect.

Contractor to allow for the appointment of a Soil Specialist to independently assess the condition of all imported topsoil and subsoil. Contractor must not rely on the suppliers documentation.
Possible Supplier Soil Analysis
Tim O'Hare Associates Soil & Landscape Consultancy
Howbery Park, Wallingford, Oxfordshire, OX10 8BA Tel.: 01491 822 653
<http://www.timohare-associates.com/contact.php>
For confirmation of soil areas refer to Drg. No. TRI-CLA-ZZ-00-DR-L-0041 GA - Growing Medium Formation Plan.

MULCH
All planting beds to be mulched with 40-60mm depth ornamental grade, composted bark fines mulch.
Mulch to be screened to 0-10mm particle size, ph 4.5-5.5, UK Origin, FSC chain of custody certified. To have been composted for a minimum of 9-10 weeks, no urea added, minimum three turns. Suggested product: <https://www.cpa-horticulture.co.uk/composted-bark-fines>
Sample to be issued to client / Landscape Architect for approval.

TREE ANCHORING SYSTEM
To be GreenBlue Urban ArborGuy AnchorPlate Kit or similar as approved.
Each tree to be secured with underground Tree Anchoring System consisting of adjustable canvas straps that are to be securely located to the shoulder of the root ball, with three high strength galvanised steel wires connected to 3no ArborGuy AnchorPlates placed at bottom of pit. Protective mat to be utilised to ensure guying system does not cut into root ball. All ratchets to be installed to side of root ball.

IRRIGATION / AERATION SYSTEM
Irrigation/aeration system to be 50mm pvc perforated pipe installed around shoulder of root ball within growing medium. Aeration pipe connected to surface with vertical pipe of same specification and tee sections as required.
Possible Supplier - Tree Anchor, Irrigation/Aeration System & Root Barrier
GreenBlue Urban, Haywood Way, Hastings, East Sussex TN35 4PL
Tel.: 01424 717 797

EXISTING GROUND IN ROOT PROTECTION AREAS
(As per A14)
- Within the root protection areas of trees to be retained, the preparation of soil for planting and turling will be carried out by hand.
- Cultivation will be kept to a minimum and new topsoil must not exceed 100mm in depth within 1m of the stem.
- Top soil and other materials will be transported by wheelbarrow on running boards when working near trees.

P01	2025-02-13	Notes reviewed and updated, Section updated to include sand free draining layer	JS	SB
Rev.	Date	Description	Revised by	Checked by

Camlins
New Zealand House, Abbey Foregate,
Shrewsbury, Shropshire, SY2 8FD
01743 290 779
www.camlins.com

Tribeca, London
Reef Group

Typical Tree Planting Detail Within Soft Landscape

Status	Drawn by	Checked by
Planning Condition Discharge	HM	SB

Drawing Number	Revision	Scale	Date
TRI-CLA-ZZ-ZZ-DR-L-0702	P01	1:20@A1	09.08.2024