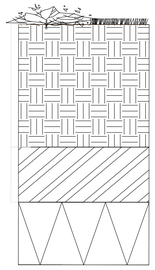
TREATMENT 1 - to tree planting



FINISH GRASS/ SHRUBS

TOPSOIL — TOPSOILED, FERTILISED TO SPECIFICATION
SEE LANDSCAPE ARCHITECTS SPECIFICATION

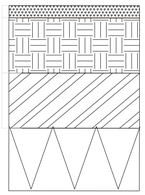
SUBSOIL
- CLEAN SUBSOIL, FREE DRAINING, FREE FORM RUBBISH
- BUILDING CONTAMINATION, LARGE STONES ROCKS > 150MM
- LAID IN LAYERS MAX 250 - 300MM
- DEPTH VARIES TO MAKE UP SITE LEVELS
AS PER ENGINEERS SPECIFICATION

SUB-FORMATION (WHERE REQUIRED)
- REMOVE ALL DEBRIS, BUILDING CONTAMINATION, STONES/ ROCKS > 150MM FROM FORMATION SURFACE
- DECOMPACT DURING DRY WEATHER BY:
(i) BACK-ACTOR OF NYMAC TO 450MM DEPTH; OR
(ii) 3-5 TYNE RIPPER MOUNTED ON CRAWLER TRACTOR @ 1200 CTR
- ASCERTAIN LOCATION OF ALL SERVICE RUNS PRIOR TO DECOMPACTION. WHERE AFFECTED, THEY SHALL BE SEELED OFF AND PROTECTED

NOTE
ALL GROUND PREPARATION TO ENGINEERS SPECIFICATION

D 04 Topsoil depths to planted areas
Scale @ 1:25

TREATMENT 2 - to shrub planting areas



BARK MULCH — APPLIED AFTER PLANTING IS FINISHED TO FINISH FLUSH WITH KERBING

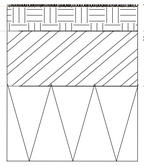
TOPSOIL — TOPSOILED, FERTILISED TO SPECIFICATION
SEE LANDSCAPE ARCHITECTS SPECIFICATION

SUBSOIL
- CLEAN SUBSOIL, FREE DRAINING, FREE FORM RUBBISH
- BUILDING CONTAMINATION, LARGE STONES ROCKS > 150MM
- LAID IN LAYERS MAX 250 - 300MM
- DEPTH VARIES TO MAKE UP SITE LEVELS
AS PER ENGINEERS SPECIFICATION

SUB-FORMATION (WHERE REQUIRED)
- REMOVE ALL DEBRIS, BUILDING CONTAMINATION, STONES/ ROCKS > 150MM FROM FORMATION SURFACE
- DECOMPACT DURING DRY WEATHER BY:
(i) BACK-ACTOR OF NYMAC TO 450MM DEPTH; OR
(ii) 3-5 TYNE RIPPER MOUNTED ON CRAWLER TRACTOR @ 1200 CTR

NOTE
ALL GROUND PREPARATION TO ENGINEERS SPECIFICATION

TREATMENT 3 - to grass planting areas



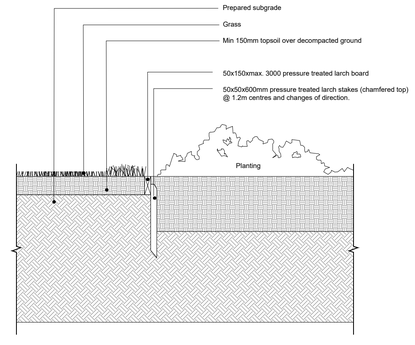
TOPSOILED, FERTILISED AND GRASS SEEDED
OR TURFED TO SPECIFICATION
TO FINISH 30MM ABOVE KERBING

SUBSOIL
- CLEAN SUBSOIL, FREE DRAINING, FREE FORM RUBBISH
- BUILDING CONTAMINATION, LARGE STONES ROCKS > 150MM
- LAID IN LAYERS MAX 250 - 300MM
- DEPTH VARIES TO MAKE UP SITE LEVELS
AS PER ENGINEERS SPECIFICATION

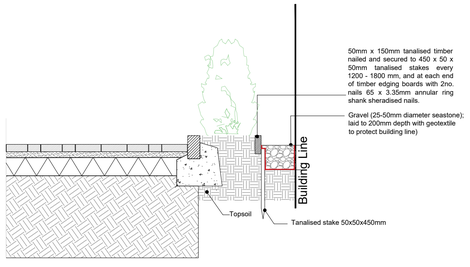
SUB-FORMATION
- REMOVE ALL DEBRIS, BUILDING CONTAMINATION, STONES/ ROCKS > 150MM FROM FORMATION SURFACE

NOTE
ALL GROUND PREPARATION TO ENGINEERS SPECIFICATION

* NOTE: All topsoil to be inspected and approved by Landscape Architect prior to spreading / backfilling

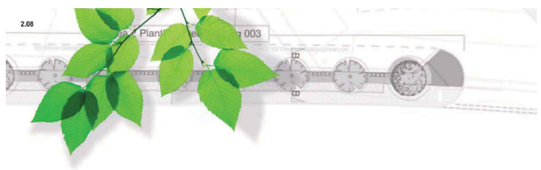


D 05 Timber Edge to Planting
Scale1:25



D 06 Gravel Strip (Typical Detail Along Building Line)
Scale1:25

D 07 Reroot 2000, root barrier supplied by Greenleaf Ireland or equivalent, 1500mm depth, 2.0mm thick





Design Guide – Trees in the urban environment (Edition 7)

ReRoot 2000 | 2.09

ReRoot 2000

Deep application root barrier



ReRoot 2000 was specified and installed at this industrial park at Speke, Liverpool. Note how trees have been planted parallel to a major gas main with the approval of Transco.

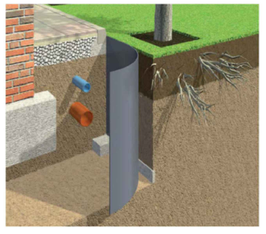
Benefits

- Resistant to puncture by sharp objects or tearing as a result of soil movement
- Durable, resistant to biodegradation and photodegradation
- Easy to install, no specialist equipment needed
- Available in standard 0.3m, 0.6m, 1.0m, 1.5m and 2.0m depth rolls, up to 6 metris deep rolls to special order
- Supplied in roll form to any 10 lin.m increment
- Available in 1.0mm (product code RER210), and 2.0mm thickness (product code RER220)
- Effective in the control of Japanese Knotweed and other invasive plants
- **ReRoot 2000** fulfils all the Arboricultural Advisory and Information Service guidelines for root barriers
- Manufactured from 100% recycled material

ReRoot 2000 is a high strength root barrier for deeper applications. This product has been used extensively on many projects around the UK, particularly in new service infrastructure projects, business parks and housing developments.

ReRoot 2000 is rigid enough to hold its form when placed into a trench. This is a big advantage as it will not be dragged downward during backfilling. Market leading puncture resistance and strength, mean that this is the root barrier of choice for specifiers and utility companies requiring root free service corridors.

The high puncture resistance of **ReRoot 2000** allows easier compaction close to the barrier ensuring an excellent product/soil interface.





ReRoot 2000 can be used to keep tree roots from damaging services and paved areas.



ReRoot 2000 installed to protect hard surfaces at Granton, Edinburgh



ReRoot 2000 will hold its form in a trench excavation. This makes installation quick and easy. Also visible is land drain to remove groundwater pressure



ReRoot 2000 has been installed prior to topsoiling in this infrastructure project

Typical installation specification

Install **ReRoot 2000** (including relevant product code) linear root barrier as follows:

Excavate narrow trench between the tree and the structure to be protected. Please note: the positioning of the trench will depend on tree species and other site conditions. Please consult a qualified arboriculturist.

The barrier should be positioned in the trench against the side of the trench nearest the tree. Any sharp objects should be removed from the trench walls and the backfill material.

ReRoot 2000 roll ends can be joined by overlapping at least 500mm and securing both sides with **Greenleaf** root barrier jointing tape. For critical applications the material can be seam welded.

Ensure that the top of the barrier finishes at least 10mm above finished soil levels tree side, to avoid subsequent root over growth. The barrier can be trimmed using a sharp knife. Backfill the trench in layers, compacting carefully.

It may be desirable, depending on site conditions, to encapsulate the top edge of the barrier in concrete haunching to protect the barrier and to finish the installation tidy.

Product specification and codes

Product	Thickness	Depth	Code
ReRoot 2000	1.0mm	300mm	RER210K0.3A
ReRoot 2000	1.0mm	600mm	RER210K0.6A
ReRoot 2000	1.0mm	1000mm	RER210X1.0A
ReRoot 2000	1.0mm	1500mm	RER210X1.5A
ReRoot 2000	2.0mm	1000mm	RER220X1.0A
ReRoot 2000	2.0mm	1500mm	RER220X1.5A
ReRoot 2000	2.0mm	2000mm	RER220X2.0A
ReRoot joint tape (10m roll)	-	-	RERJTA

Greenleaf

Sales and service: 01424 717797
Technical assistance: 01424 430233
Sales Fax line: 01424 533003
Email: enquiries@greenleaftrees.co.uk
Website: greenleaftrees.co.uk

Rev.	Date	Note
00	0000-00-00	00

North

Registered Landscape Architect

General Notes

Doyle & O'Troithigh Landscape Architecture

Project Name: Mixed Use Development - Arklow
Drawing Name: Landscape Details 04

Status	Planning	Drawing No	LD-04-PP
Project No	26-008	Revision No	00
Scale	Scale 1:25	Drawn By	D.C.
Date	23/09/2026	Checked By	D&OT

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