Arboricultural Method Statement
1 Elmcourt Road, London SE27 9BX

Site Location	1 Elmcourt Road
Arboricultural Consultant	Woodhouse Tree Services Limited & Tree 21 Limited.
Works covered by this document	1. General Site Management 2. Tree Pruning Work 3. Tree Protection & Management 4. Installation & Management of the Tree Protection Barrier 5. Installation of Geo-cellular base 6. Arboricultural Supervision 7. Storage of Materials, Welfare, Access,
Proposal	Demolition of Existing Extension, New Replacement Extension and Construction of a New External Patio Space
Report Date	26th May 2026. Version 1.1 provided in August 2026 following amendments to address Tree Officer comments
Report Reference	260825-1.1-1ER-AMS-MW

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1 Key Contact Details

Name	Role	Contact Details
Edward Clifton	Client	-
Il'ic Testoni	Agent/Architect	07843 538933
Mr Merlyn Woodhouse	Arboricultural Consultant - Surveyor, Site Management	T. 07531088219 E. merlynwse18@yahoo.co.uk
London Borough of Lambeth	Local Authority Tree Officer/Planners	T. 020 7926 1000

2 Scope

2.1 This Arboricultural Method Statement has been produced on behalf of the client (Mr Edward Clifton), as requested by London Borough of Lambeth in response to a planning condition for proposed development works at 1 Elmcourt Road. The planning condition states the following:

No development shall take place (including demolition, site clearance or delivery of materials), until an Arboricultural Method Statement (AMS) and Tree Protection Plan (TPP) has been submitted to and approved in writing by the Local Planning Authority.

The AMS and TPP shall be prepared in accordance with BS 5837:2012 Trees in relation to design, demolition and construction - Recommendations (or any superseding standard) and shall be proportionate to the scale of the development.

The submission shall include, as a minimum:

1. Root Protection Areas calculated in accordance with BS 5837:2012 (or equivalent)

2. Tree protection fencing and where required ground protection in accordance with BS 5837:2012 (or equivalent).

3. A simple plan identifying construction working areas, access routes and any service run in relation to retained Trees.

4. Methodology for any works within or adjacent to Root Protection Areas RPAs), including hand digging and avoidance of soil compaction.

5. Confirmation that any tree works shall be undertaken in accordance with BS 3998:2010 Tree work -Recommendations.

6. Confirmation of the timing and scope of arboricultural supervision for works within or adjacent to Root Protection Areas, including procedures for immediate cessation of works where roots greater than 25mm diameter are encountered, pending inspection and agreement of remedial action with the Local Planning Authority.

The approved protection measures shall be undertaken prior to any works of development commencing and retained for the duration of the construction phase. Any works within Root Protection Areas shall be undertaken under arboricultural supervision in accordance with the approved AMS.

2.2

2.3 The AMS follows best practice guidelines in accordance with BS5837:2012 *Trees in relation to design, demolition, and construction – Recommendations* and practical solutions, based on sound arboricultural knowledge and experience of the Arboricultural Consultants.

2.4 Tree protection within this document, comprises of a 3 dimensional cellular confinement system to protect the Root Protection Area. This system will be installed within the exposed area of the RPA of a third party Common Hawthorn (T1). The cellular will be installed as the first operation, following demolition and removal of the existing lean to extension.

2.5 The document provides a set of task tables with detailed methodology, which are to be complied with. Any proposed deviation from this document shall be discussed with the Arboricultural Consultants and require review and approved by a London Borough of Lambeth Tree Officer before any such works take place.

3 General Tree Welfare and Additional Information

3.1 When working near trees, it is important to be aware that most tree roots are normally located in the top 600 mm of soil and can spread out horizontally to a distance at least equal to the height of the tree.

3.2 The distance from the tree where damage is likely to occur is calculated by the Root Protection Area (RPA), which represents the minimum area around a tree deemed to contain sufficient roots and soil volume to keep the tree viable. RPAs should be treated as a precautionary area within which activities such as ground compaction, excavation, the storing of materials, ground stripping and raising of levels are likely to cause damage to trees and therefore should not take place.

3.3 This AMS aims to ensure the following tasks are undertaken correctly to minimise the impact on retained trees:

1. Installation and of a cellular confinement system to prevent damage such as excavation and soil compaction within the Root protection Area of T1.
2. Pruning requirements to facilitate the proposal and result in a more sustainable juxtaposition, between the tree and the outside space at 1 Elmcourt Road.
3. General Site Management and works around retained trees.
4. Arboricultural Supervision/Monitoring.

4 Tables of Tasks and Detailed Methodology

4.1 The tables below provide details on methods of each task and how they are to be undertaken, along with general site management to comply with. Any additional work not covered in this document shall be agreed in writing with the Arboricultural Consultant and a London Borough of Lambeth Tree Officer.

4.2 ***Any deviation from tables below will need to be discussed and agreed with the Arboricultural Consultant and/or the Local Authority before being implemented.***

Task 1: Tree Pruning Work

Method and Action Required

1) T1 will be crown lifted to 2-2.5m, by removing branches which extend over the boundary of 1 Elmcourt Road. The tree is located on neighbouring property at 3 Elmcourt Road.
2) The work will be undertaken in accordance with BS3998:2010 Treework Recommendations following appropriate techniques for crown lifting.
    - The pruning points will not extend beyond the boundary line.
    - The work will be undertaken from 1 Elmcourt Road and not the neighbouring land.
    - The work will be undertaken carefully and sensitively

Task 2: Installation of the Tree Protection Barrier

Method and Action Required

1) The tree protection barrier will be installed, following the tree pruning work and before any other work begins, including the delivery of materials and equipment and before an demolition commences.
2) Under no circumstances will an work, including storage of materials or equipment, alteration of ground levels or installation of underground services occur within the area inside the tree protection barrier, before or after installation. This area is a 'Construction Exclusion Zone' .
3) The tree protection barrier will be formed in accordance to figure 3, as illustrated in BS5837:2012. A specification is included at Appendix 3 of this document.
4) An information poster, also provided at Appendix 3, will be laminated and fixed to the outside of the barrier to inform site operatives of the importance of the barrier.
5) The barrier will only be removed following all other works and before immediately before the preparation and installation of the cellular confinement system, as detailed in tsk 3 and 4.

Task 3: Installation of the Cellular Confinement System

Method and Action Required

A cellular system will be installed in the Root Protection Area or the complete area where the patio is planned, as the last task of the project and following removal of all surplus materials and equipment associated with the demolition and construction activity. The following methodology will be used as an installation guide.

No underground services will be installed within the root Protection Area.

1. Ground Preparation of the Existing Surface

This is a 'no-dig' system. Under no circumstances, will excavation occur within the Root Protection Area. Existing ground levels shall be retained throughout the works. No excavation, stripping of topsoil, grading or lowering of levels shall occur within the RPA. However, existing turf and ground vegetation can be removed, using hand tools only.

2. Treatment of Existing Surface Irregularities

Minor surface undulations may be locally filled using clean angular stone to create a suitable formation level. No excavation shall be undertaken to achieve a level surface.

3. Installation of Geotextile Membrane

A porous geotextile membrane shall be laid directly onto the existing ground surface. The membrane shall be non-woven and permeable; prevent contamination of the sub-base with underlying soils and be installed without pegging into significant roots. Any overlaps shall typically be a minimum of 300 mm.

4. Installation of Cellular Confinement System

Sub-base Installation - A clean, angular, no-fines stone sub-base shall be installed above the geotextile membrane. Suitable materials may include:

- 4/20 mm clean angular stone;
- or similar arboriculturally suitable no-fines aggregate.

The stone shall be:

- tipped outside the RPA where practicable;
- and moved into position using a wheel barrow and distributed with hand tools only.

Method and Action Required

Cellular Confinement System

The cellular confinement system shall be laid over the sub-base in accordance with the manufacturer's specification.

Cells shall be:

- expanded carefully to avoid disturbance;
- secured using pins located to avoid significant roots;
- and infilled with clean angular stone.

Installation shall proceed progressively from the access point outward to avoid repeated trafficking over unfinished surfaces.

5. Compaction

No conventional vibrating compaction plant shall be used within the RPA unless specifically approved. Any consolidation shall be achieved using:

- the weight of the stone itself;
- light tracking from low ground pressure equipment;
- or light plate compaction where agreed appropriate by the supervising arboriculturist.

6. Patio Slab Surface

The final surface finish within the Root Protection Area (RPA) shall comprise a permeable patio construction designed to maintain:

- water infiltration;
- gaseous exchange to the rooting environment;
- and minimal additional loading upon underlying soils.

7. Bedding Layer

A permeable bedding layer shall be installed above the completed cellular confinement system. Suitable materials may include; clean angular grit, no-fines bedding aggregate, or a proprietary permeable bedding material.

The bedding layer shall; be laid evenly without significant compaction, avoid contamination with fines, maintain the porous characteristics of the overall construction.

Method and Action Required

Traditional sand/cement bedding mortars shall not be used within the RPA unless specifically agreed by the project arboriculturist and project engineer.

8. Patio Installation

Patio units shall be laid carefully onto the prepared permeable bedding layer using hand tools only where practicable.

Works shall proceed progressively from completed sections to avoid excessive loading on unfinished areas.

Jointing shall comprise a permeable jointing medium suitable for external porous paving systems.

Impermeable pointing mortars shall not be used unless specifically designed as part of a fully permeable construction system.

9. Drainage and Levels

The finished porous patio shall; maintain natural surface water infiltration, avoid concentration and runoff within the RPA, prevent ponding adjacent to T1.

Finished levels shall be designed to avoid:

- excavation into existing ground levels;
- root severance;
- soil compaction.

No additional edging foundations or strip footings shall be installed within the RPA unless specifically detailed within the approved design. Any such edgings will avoid strip foundations.

10. Access Restrictions During Construction

All operatives shall work from completed sections of the patio construction wherever practicable. Storage of paving materials, cementitious products, fuel, or spoil within the RPA are prohibited. Mixing of mortars or resin products shall take place outside the protected area.

11. Completion and Protection

Upon completion of the porous patio installation, all surplus materials shall be removed from site.

Task 4: Arboricultural Supervision/Monitoring

Method and Action Required

The following schedule of arboricultural supervision/site checks will be undertaken as part of this document to ensure that installation of the cellular confinement system and general site management is in good order, ensuring that no damage to the tree (T1) occurs and any compaction within the Root Protection Area is minimal.

1) The Arboricultural Consultant will visit site on the day of ground preparation (key stages b, c) and give a tool box talk, to confirm that all operatives fully understand the process of installing the cellular system.

The consultant will then check at key stages;

a) At the point of the tree protection barrier installation to check alignment and specification is sufficient

b) At the point the barrier is removed, to check that all surplus materials and equipment associated with the demolition and construction works have been removed.

c) During the initial stages of ground preparation (removal of turf/vegetation layer) within the Root Protection Area ensuring that no excavation is undertaken in the Root Protection Area and the methodology detailed in task 3, is undertaken as stated.

d) If any roots 25mm dia. or above are exposed during this stage, they will be temporarily covered with clean soil, works will stop in that area and the arboriculturist will provide additional methodology. This methodology will be provided to the Local Authority Tree Officer for approval before proceeding.

e) completion of the installation of the cellular, within the Root Protection Area, once infilled with the 'no-fines' granular fill

f) During the active laying of the patio within the Root Protection Area to check and confirm the base is acceptable

g) On completion of the patio installation within the Root Protection Area.

2) After each site visit, a site inspection report form will be completed, to include photographs and notes as necessary on any areas of improvement needed. Or confirmation that the project works are working in accordance with this document. A copy of this report form will be kept on file and made available to the Local Authority Tree Officer upon request.

Appendix 1: Tree Data Schedule

Tree Number	Species	BS5837:2012 Retention Category	Measurements	Survey Notes	Recommendations	RPA/RPR
T1	Common Hawthorn	B1	Height: 6m Stem Diameter at 1.5m above ground:25cm Spread: 2.5m in all directions Lowest Branch : N/A	Third party tree, located immediately adjacent the boundary fence. Extends into the site. Previously topped at around 3 metres. DBH estimated, no access to neighbours' property.	Crown lift branches over 1 Elmcourt Road by 2-2.5m back to boundary line. Works to be undertaken to best practice BS3998:2010 by a qualified arborist/tree surgeon.	RPA Radius: 3.0m. RPA Area: 28 sq. m.

Photograph of T1 taken during the site survey

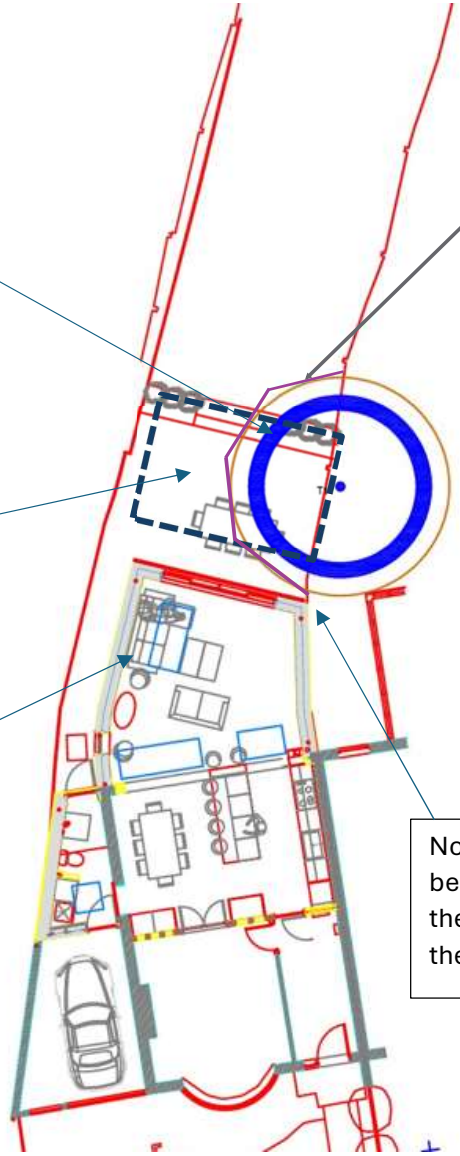


Appendix 2: Tree Protection Plan

T1 will need to be crown lifted back to the boundary line to achieve a 2-2.5 metre clearance to prevent conflict during construction and provide a sustainable relationship between the tree and the proposed layout, following completion.

New outdoor patio, will utilise a geo-cellular base within the RPA or in the overall area. Approximate location is shown as a dark blue dashed line.

New single story extension. Existing extension to be demolished. No conflict with the RPA.



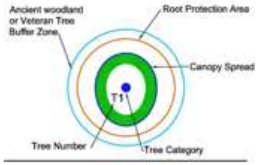
Protective barrier to be installed before any project related works begin, including demolition and only removed to install the geo-cellular confinement system. The tree protection barrier will be set at the edge of the Root Protection Radius (3metres).

No excavations are to be undertaken beyond the north east corner of the extension footprint.

N

LEGEND

- TREE CATEGORY A
- TREE CATEGORY B
- TREE CATEGORY C
- TREE CATEGORY U
- ROOT PROTECTION AREA
- PROPOSED TREE FOR REMOVAL
- Protective Barrier



NOTES

The original of this drawing is produced in colour; a monochrome copy should not be relied upon as trees are categorised using a colour code.

Canopy spread (N, S, E, W) is approximate. Stem diameter (DBH) is taken at 1.5m above ground level, whether of single or multi-stem trees. Stem diameter is functional to determine the extent of the Root Protection Area (RPA).

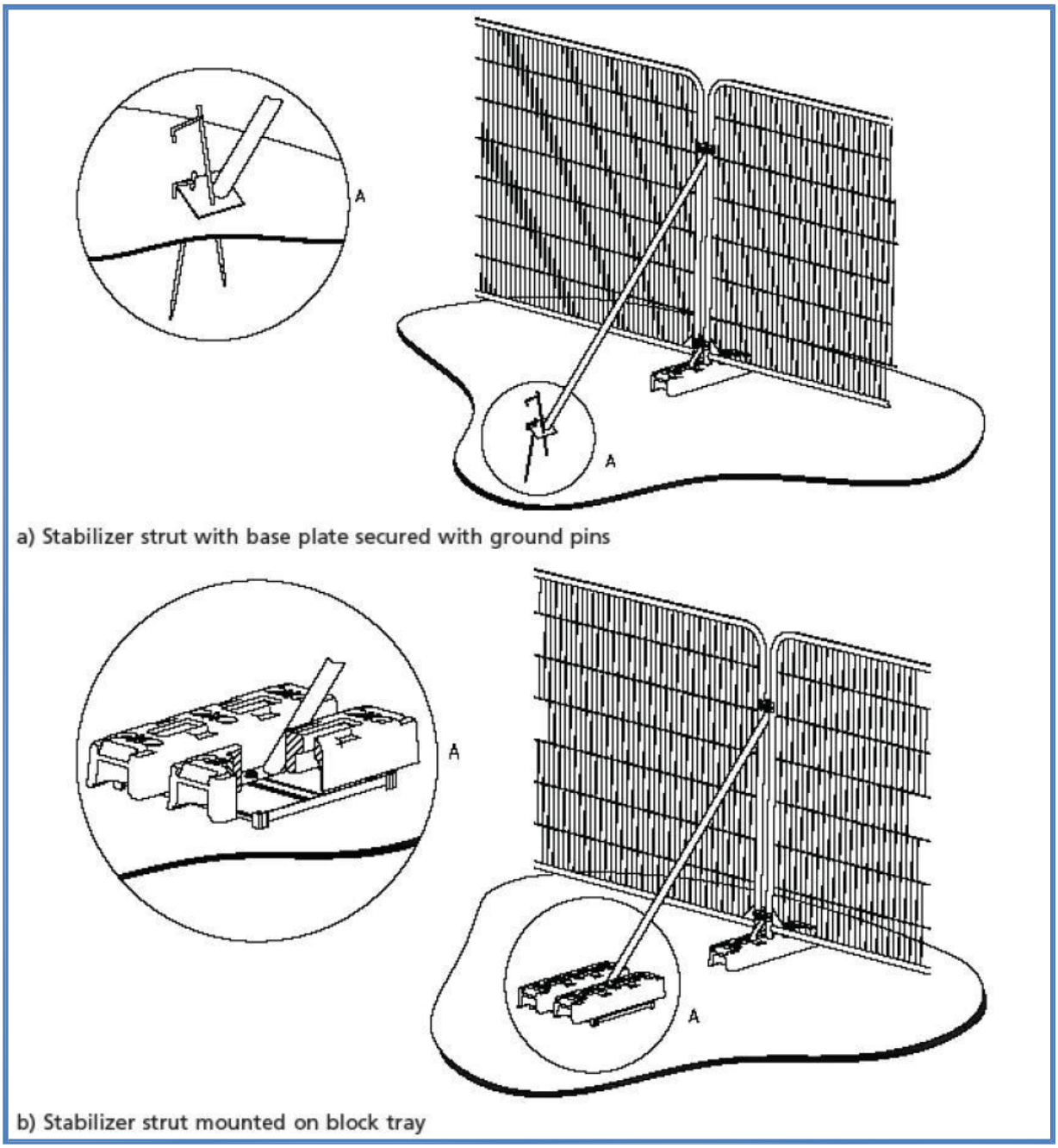
Woodhouse Tree Services

www.tree21.co.uk

TITLE:	TREE PROTECTION, RETENTION & REMOVAL PLAN
PROJECT:	1 ELMCOURT ROAD, SE27
DATE:	20.05.2026
DRAWN:	JC
APPROVED:	MW
SCALE:	1:200@A3
DWG No:	ECR-T21-TPP-20-001
REVISION:	A

Not to Scale

Appendix 3: Tree Protection Barrier Detail and Information Sign



BS5837: 2012 - Figure 3 – Examples of Above Ground Stabilisation Systems



Example Tree Protection Fencing Sign

Appendix 4: 3-Dimensional Cellular Example



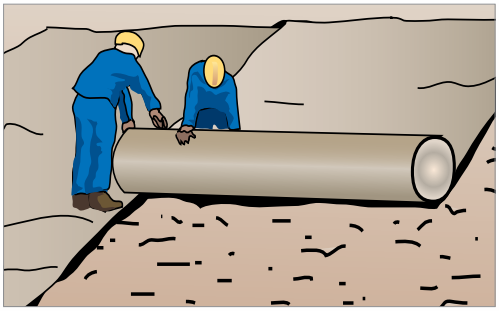
GEOWEB® Tree Root Protection

INSTALLATION GUIDE
simplified version

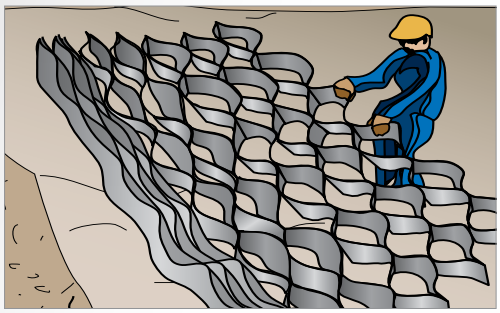
1 Prepare subgrade. Remove debris, rocks.



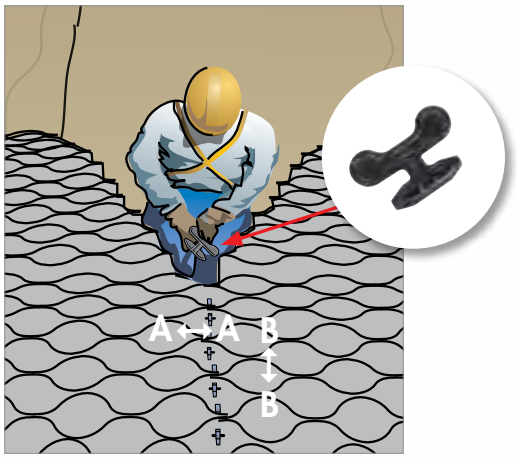
2 Install TRP4000 geotextile.
Overlaps by minimum 300 mm.



3 Partially expand GEOWEB® sections.

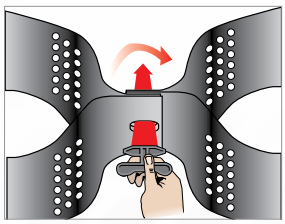


4 Connect GEOWEB® sections with ATRA® keys.

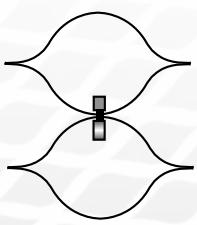


5 Connect side to side (A) and end to end (B).

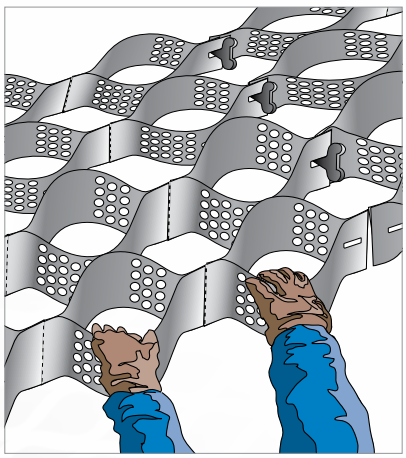
A



B



6 Fully expand GEOWEB® sections.

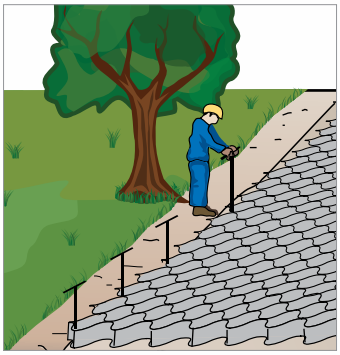


IMPORTANT NOTE:

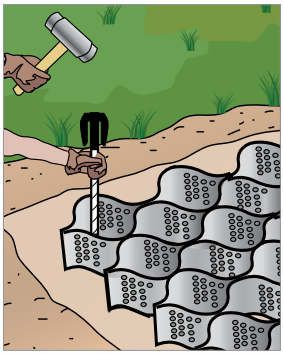
The simplified installation guide provided by Presto GEOSYSTEMS® is intended as a general guideline only. The contractor should follow contract plans and specifications and refer to detailed installation guidelines for more information.

7 Hold sections open. Use Options A, B, C or D.

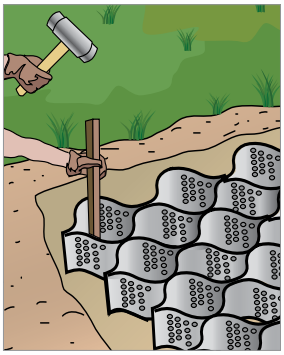
A T-Bars



B ATRA® anchors



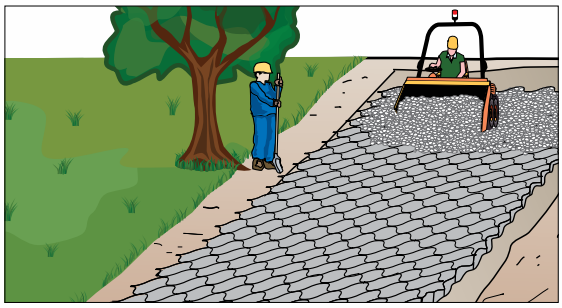
C Wood Stakes



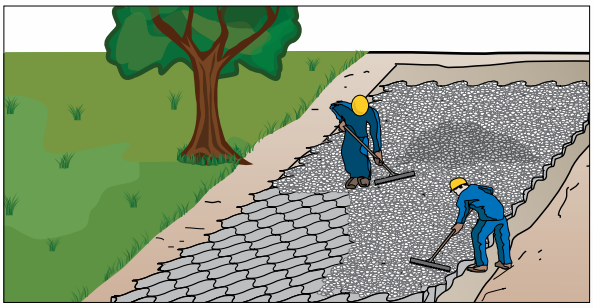
D Infill Select Cells



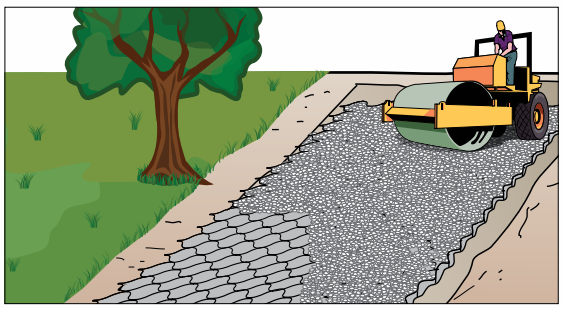
8 Infill GEOWEB® cells.



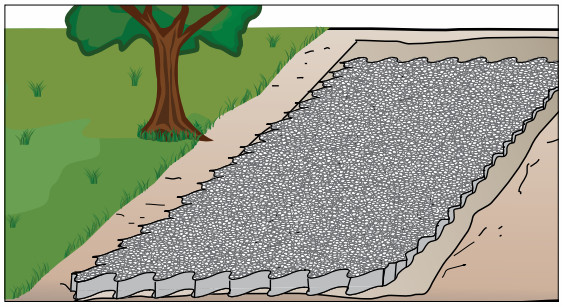
9 Spread Infill ensuring a 25 mm overfill at all times.



10 If required, use a 4t smooth, non-vibrating roller on overfilled GEOWEB® system. Refill as needed to ensure a 25 mm overfill.



11 Surface option ready to install according to specification.



Greenfix

Soil Stabilisation and Erosion Control Specialists

info@greenfix.co.uk
tel. 01608 666027
www.greenfix.co.uk

Geoweb infill material for Tree Root Protection

Clean Angular Stone 4-20mm

Specification for open graded infill material for Geoweb cellular confinement within tree root protection applications. The no fines material is to ensure high ratio void space which corresponds with ideal soil void ratios for tree root health.

Material to BSEN1342 or BSEN12620. Crushed gravel is not permitted.

Properties of material	Test	Value
Grading of particle size	BSEN 13242	Grading 4-20mm
Fines Content	BSEN 13242	f_4
Shape flakiness index	BSEN 13242	FI_{20}
Resistance to fragmentation	BSEN 13242	LA_{30}
Resistance to wear	BSNE 13242	$M_{DE}20$
Water absorption rate BSNE 1097-6:2000 clause 7	BSNE 13242	$WA_{24}2$
For typical WA>2% magnesium sulphate soundness	BSNE 13242	MS_{18}
Acid soluble sulphate content air-cooled blast furnace slag	BSNE 13242	$AS_{0.1}$
Acid soluble sulphate content non air cooled blast furnace slag	BSNE 13242	$AS_{0.2}$
Total sulphur aggregates other than air cooled blast furnace slag	BSNE 13242	<1% by mass
Total sulphur air cooled blast furnace slag	BSNE 13242	<2% by mass

Sieve Size mm	Percentage of 4-20mm passing
40	100
31.5	98 - 100
20	90 - 99
10	25 - 70
4	0 - 15
2	0 - 5
1	-

GEOWEB

Air cooled blast furnace and steel slag should be free from Dicalcium silicate and iron disintegration in accordance with BSEN 13242:2002, 6.4.2.2 V5
Leaching of materials for blast furnace slag and other recycled materials should meet requirements of the Environmental waste acceptance criteria for inert waste when tested in accordance with BSEN 12457-3

On poor site conditions which require compaction, this should be minimum 4 passes of a smooth wheeled roller at max weight 1000kg/m width without vibration.

For assistance on correct 4–20mm clean angular stone infill specification, please contact Greenfix technical team.

GEOSYSTEMS®

MATERIALS SUPPLIED BY Greenfix

GEOWEB®



TRP4000
Non-woven Geotextile



ANCHORS



ATRA® KEY



ADDITIONAL MATERIALS REQUIRED

4–20mm clean, angular stone



LIMITED WARRANTY

Presto GEOSYSTEMS® warrants each GEOWEB® section which it ships to be free from defects in materials and workmanship at the time of manufacture. Presto's exclusive liability under this warranty or otherwise will be to furnish without charge to Presto's customer at the original f.o.b. point a replacement for any section which proves to be defective under normal use and service during the 10-year period which begins on the date of shipment by Presto. Presto reserves the right to inspect any allegedly defective section in order to verify the defect and ascertain its cause.

This warranty does not cover defects attributable to causes or occurrences beyond Presto's control and unrelated to the manufacturing process, including, but not limited to, abuse, misuse, mishandling, neglect, improper storage, improper installation, improper alteration or improper application.

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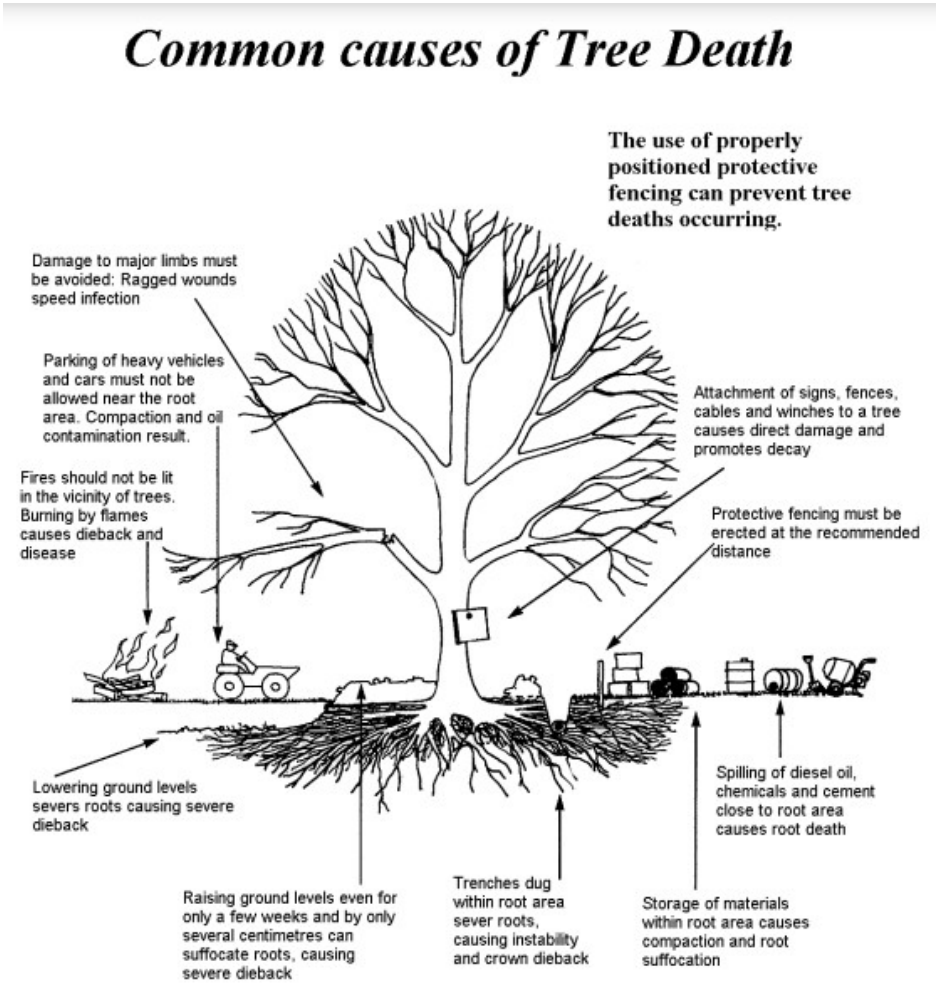
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JUN 2016
AP-8085

Appendix 5: Site Information Poster



Please use copies of this as an on-site poster for personnel