Root Barrier / Tree Protection Methodology

Root barriers save trees that would otherwise be removed to return property stability. They reduce CO2 associated with underpinning works. Our experience is that only small fibrous roots are generally encountered (<25mm) and there is no negative impact on the health and stability of trees from their installation.

Stage 1
- Install Tree Protective Fencing.
- Install Temporary Ground Protection.

Stage 2
- Include tree protection in site induction briefing.
- Undertake & Record Weekly Check.

Stage 3
- Excavate barrier and cleanly prune all roots.
- Only roots <25mm expected. Images to confirm.
- Backfill barrier and remove tree protection.

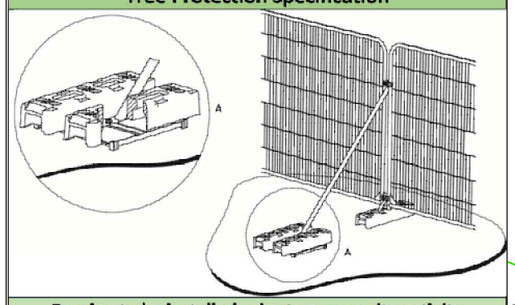
Temporary Ground Protection Specification

To be installed prior to any on site activity (demolition or construction)

- *Retain existing on site hard standing if present for as long as possible.*
- *If indicated new temporary ground protection should be installed as part of the tree protection measures prior to work starting on site.*
- *For exposed unmade ground within Root Protection Area.*
- *To be laid on non-permeable membrane*
- *We recommend 3m x 1m x 20mm matts manufactured from recycled HMPE plastic, with carrying handles and an engraved grid pattern with minimum 150mm overlap to join together.*

To cover all exposed unmade ground for tree Root Protection Area outside of Tree Protective Fencing

Tree Protection Specification



Fencing to be installed prior to any on site activity (demolition or construction)

TREE PROTECTION AREA

If you require access contact Site Manager

- *Warning signs to be located every 5m and to be minimum A3 in size (i.e. 42cm x 29.7cm)*
- *To be checked and replaced as necessary.*

Deviations from the advised tree protection compromises tree roots and should be avoided. The purpose of tree protection measures should be briefed to all on site staff.

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KEY

- Location of protective fencing - BS 5837 Herras Fence (or similar)
- Temporary Ground Protection to be utilised where existing hard standing is not in place
- Approximate area of existing hard standing
- Indicative position of Root Barrier 50m long/ 3.5m deep
- Site access

Item	Indicative Area (m2) / Length (m)
Temporary ground protection	297m
Tree Protective (Herras) fencing	88m

NOTE # Tree positions indicatively mapped due to lack of detailed topographical plan

REV AMENDMENTS DRAWN DATE AUTH'D

PROJECT
The Lodge, Lavender Road, Waterlooville, PO7 8BX

CLIENT
William Hunt Consulting

TITLE
Tree Protection Plan (TPP) Root Barrier Installation

Job	Scale	DRG NO	Revision
05668R	1:250 @ A3	05668P_TPP_01	-
Date: 26/10/2026	Type: a		

Tel: 01252 811 233
Email: info@tamlatrees.com
Web: www.tamlatrees.com
Tamla Trees consulting arborists

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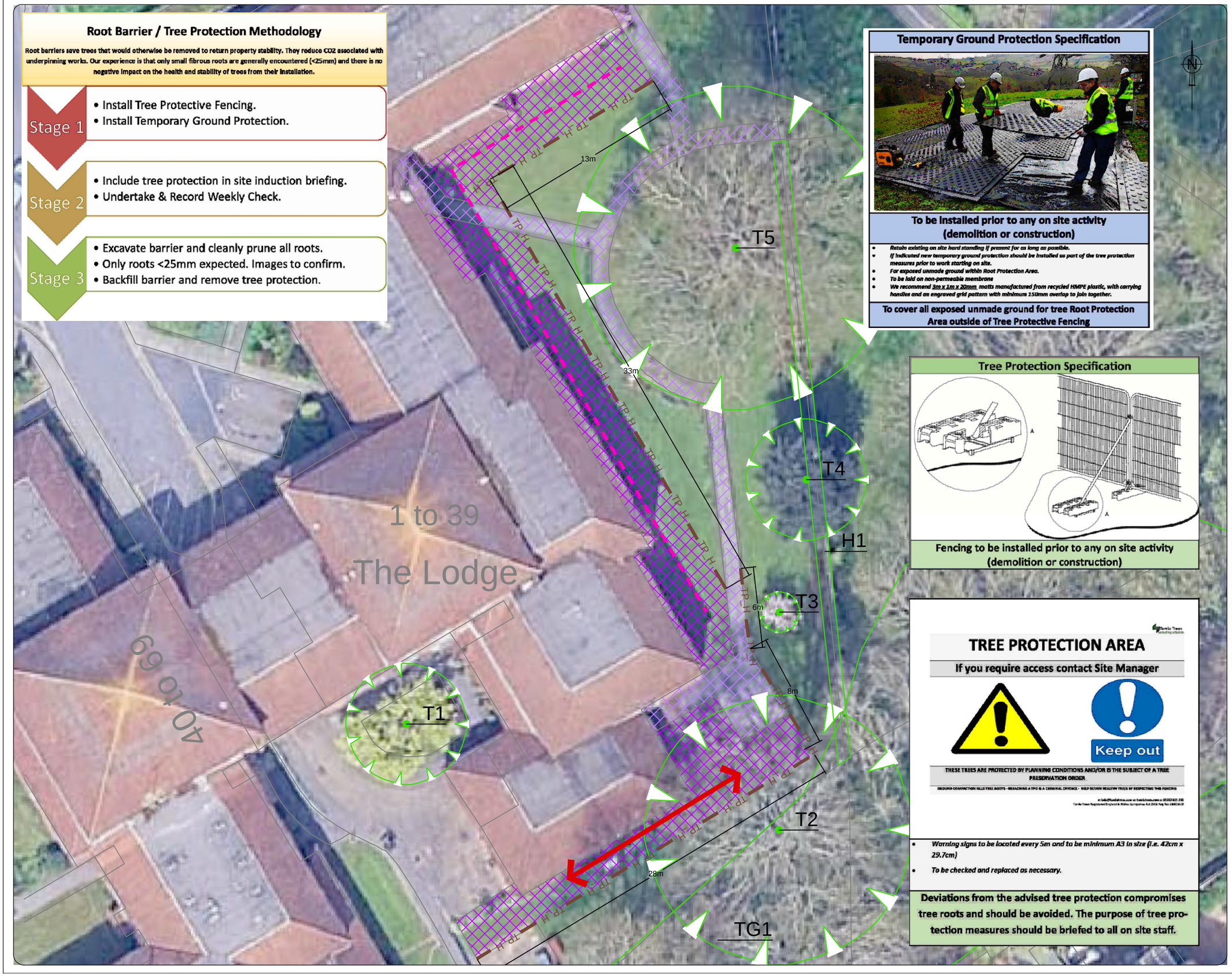

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To cover all exposed unmade ground for tree Root Protection Area outside of Tree Protective Fencing

Tree Protection Specification

Fencing to be installed prior to any on site activity (demolition or construction)

TREE PROTECTION AREA

If you require access contact Site Manager

THESE TREES ARE PROTECTED BY PLANNING CONDITIONS AND/OR IS THE SUBJECT OF A TREE PRESERVATION ORDER

GROUND COMPACTION KILLS TREE ROOTS - BREACHING A TPO IS A CRIMINAL OFFENCE - HELP RETAIN HEALTHY TREES BY RESPECTING THIS FENCING

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PROJECT
The Lodge, Lavender Road, Waterlooville, PO7 8BX

CLIENT
William Hunt Consulting

TITLE
Tree Protection Plan (TPP) Root Barrier Installation

Job	Scale	DRG NO	Revision
05668R	1:250 @ A3	05668P_TPP_02	-
Date: 26/10/2026	Type: a		

Tel: 01252 811 233
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