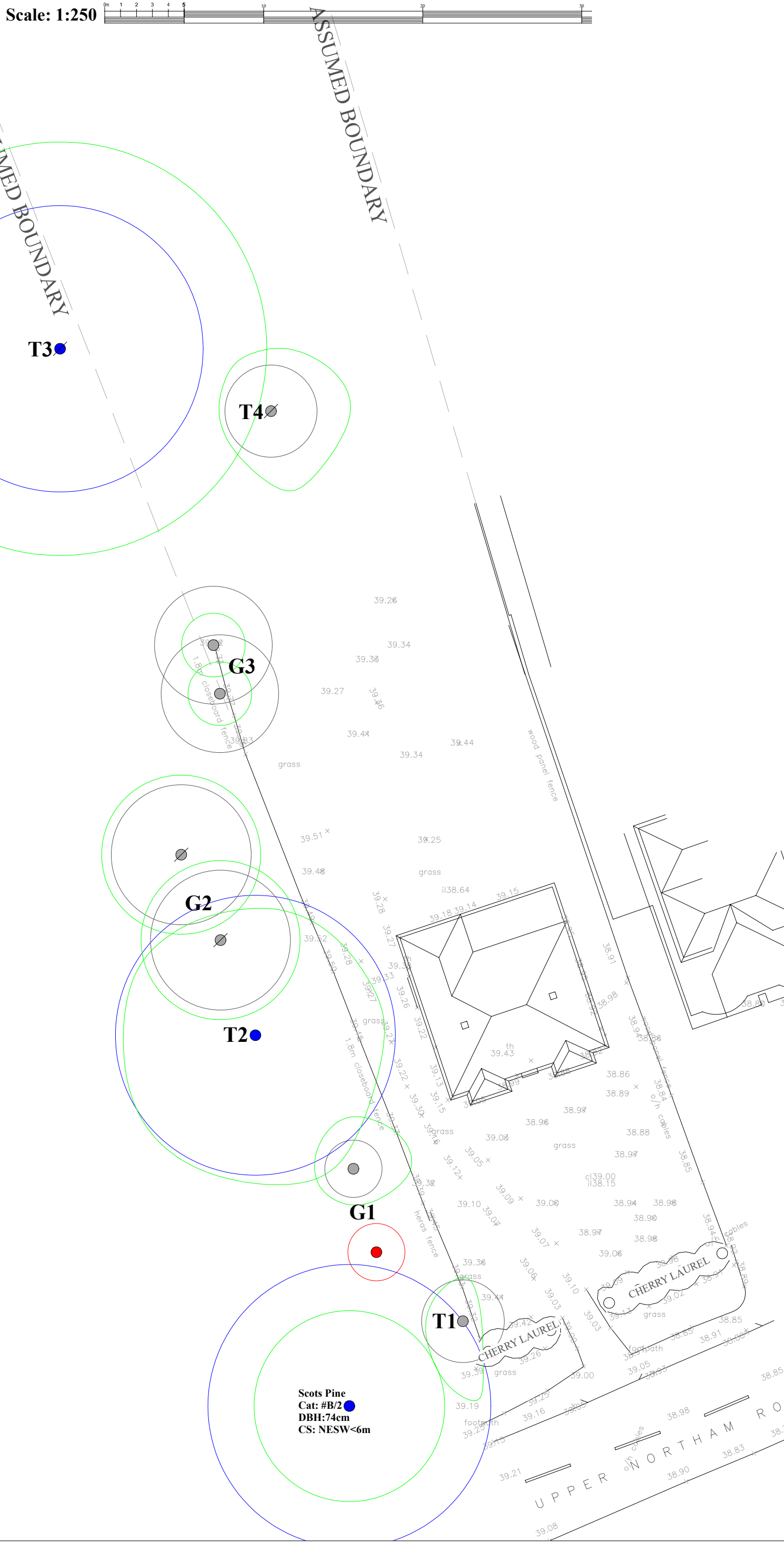


TREE CONSTRAINTS PLAN (EXISTING) GH2491a

Scale: 1:250

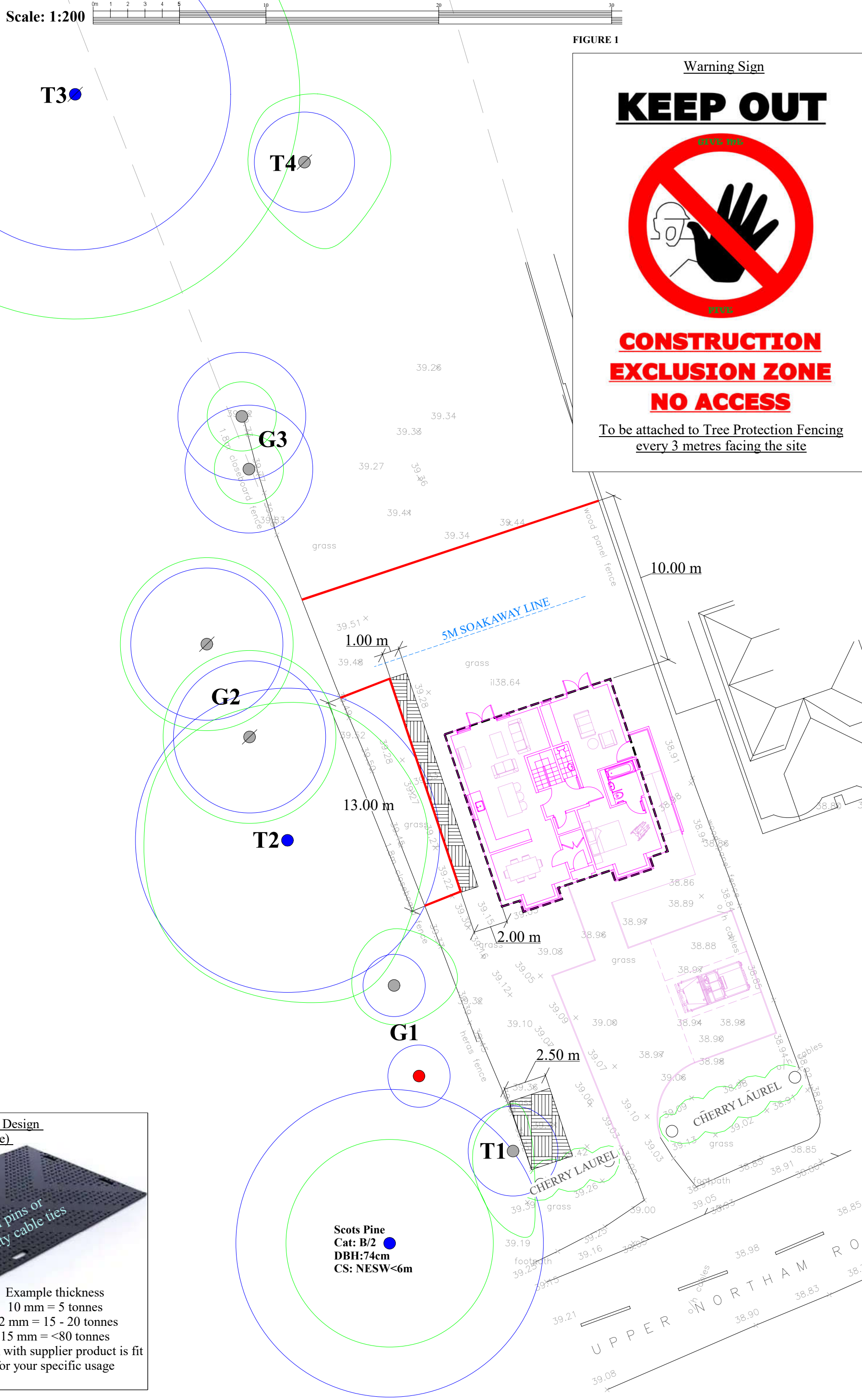


Tree Survey Schedule

Tree No.	Species	Height (m)	Diameter @ 1.5 m (cm)	Compass Points	Canopy (m)	Branch Height (m)	Canopy Height (m)	Age	Condition	-Preliminary Recommendations -No Development Recommendations	Estimated remaining (years)	Root Protection Area (m²)	British Standard (2012)
T1	Sycamore	9	22	N E S W	3 1 5 3	4	4	EM	Poor -unable to completely assess due to vegetation -sweeping stem west -branches east removed -dead tertiary branches throughout canopy	-no work	<20	2.6	C1
G1	Hawthorn x 2	<7	<15	N E S W	3 4 2 2	2	2	EM	Poor/Fair -tree south dead -tree north growth suppressed by adjacent tree	-no work	<20	<1.8	C2
T2	Pedunculate oak	216	74	N E S W	8 10 8	3	2	M	Fair -minor deadwood within canopy -low canopy over site	-crown-lift by removal of tertiary branches over site to create 3 m separation between first foliage & ground level	<30	8.8	B/A
G2	Hornbeam x 2	9	<37	N E S W	5 1 1	1	1	EM	Fair -unmanaged trees, in original form -low branches over site	-crown-lift by removal of tertiary branches to create 3 m separation (only) between first foliage & ground level by pruning back to boundary	<30	<4.4	C/B2
G3	Western red cedar	<18	<31	N E S W	2 1 1	1	<M	Poor/Fair -part of old formal hedgerow, now outgrown	-no work	<30	<3.7	C2	
T3	Pedunculate oak	#65	#20	N E S W	13 4	2	M	#Fair -unable to completely assess; neighbour's tree	-no work	#<30	#2.4	#B2	
T4	Apple	5	15 19	N E S W	4 5 5 3	1	1	M	Poor/Fair -historically manged for fruit, now outgrown	-no work	<30	2.9	C1/2

TREE PROTECTION PLAN (PROPOSED) GH2491b

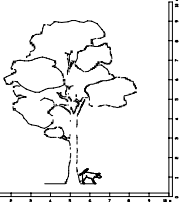
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TREE CONSTRAINTS PLAN - LEGEND	
Tree location & number	● ● ● T1 & G1
Canopy spread	—
Trees not detailed on plans provided	∅

British Standard 5837:2012 Tree Categories Key	
●	BS 5837:2012 Category B Tree Root Protection Area
●	BS 5837:2012 Category C Tree Root Protection Area
●	BS 5837:2012 Category U Tree Root Protection Area

TREE PROTECTION PLAN - LEGEND	
Tree location & number	● ● ● T1 & G1
Trees not detailed on plans provided	∅
Canopy spread	—
Root Protection Area	○
Proposed structures	—
Tree Protection Fencing demolition & construction (see section 2)	—
Ground Protection (see section 2)	—
Location of surface water service routes, soakaway, electricity, gas, broadband and water, including foul water (see section 3)	—

Site Address: Corona 37 Upper Northam Road Hedge End Hampshire, S30 4EA Client: Temple Ford Design Document Titles: Tree Constraints Plan GH2491a Tree Protection Plan GH2491b Arboricultural Method Statement	
Rev. 00 Date: 27/09/2024	Paper Size and Scale: A1 - as plan Project Ref: GH2491
IMPORTANT NOTICE This plan is based on the plans and/or site layout plans provided. All measurements must be checked with these plans and appropriate documents. All dimensions to be checked on site prior to commencement of work. Differences between drawings, specifications or structural engineer's details are to be referred immediately to GTree Ltd. Work should only be undertaken from local authority approved drawings.	
THIS PLAN SHOULD BE VIEWED IN COLOUR	
 G TREE LTD Tel: 01202 748967 g.tree.c@outlook.com	

Arboricultural Method Statement GH2491

1. Phased Development in relation to Tree Protection – in order of events A to H
A. A person with relevant experience, must design the details relating to the final and temporary services and rainwater soakaways/holding tanks, or waste pumps (section 3), which will be required prior to or at the pre-commencement meeting. Agreement of the designs should be the subject of Conditions from within a Planning Application Approved Decision Notice and discharged prior to commencement of construction. Alternatively, agreement of designs should be acquired from the LPA Arboricultural Officer or Arboricultural Consultant in writing, prior to commencement of construction.
B. tree work - see Tree Survey Schedule
C. installation of Tree Protection measures - see section 2
D. Pre-commencement meeting, post installation of Tree Protection measures including the chemical storage/mixing bund, (detailed within Figures 1, 2, 3 & 4, section 2 and plan GH2491b), and prior to construction. The pre-commencement meeting should be held and attended by the developer's Arboricultural Consultant and the designated site foreman to discuss details of the working procedures. A representative from the Local Planning Authority may request attendance at the meeting.
E. services installation - see section 3
F. main construction & main construction completion
G. removal of Tree Protection measures - see section 4
H. landscaping and related Tree Protection - see section 5

2. Tree Protection Measures
Tree Protection fencing design for construction and demolition, requires a scaffold framework with Heras Panels or steel mesh attached. For fencing design and specific locations, see plan GH2491b and Figure 2. Laminated Construction Exclusion signs (Figure 1) should be placed upon the side of the fencing, facing the development at 3 metre intervals.

Ground Protection in the form of rigid Ground Guards will be used, see Figure 4. For specific locations, see plan GH2491b. They will be laid on top of a base layer of Geotextile membrane to separate the Ground Protection from the soil. The Geotextile separation fabric should be of such a design that will not be punctured, ripped, or allow fines (e.g. fine particles, sand, broken stone, brick, soil etc.) to penetrate. The Ground Guards should be securely attached (using the product specification), both together and to the existing ground, having first established the exact location of any underground services.

Chemical storage/mixing & welfare units Storage and mixing of chemicals will be required near Root Protection Areas, where the use of a water-tight and chemical resistant bund will be essential, to avoid any run-off from toxic materials. Figure 3 details design of such a bund. Site cabins / welfare units must be located outside the tree Root Protection Areas, unless otherwise agreed. All temporary services should run above ground or be contained within the facility and managed as appropriate.

Working Method: During demolition and construction, the Tree Protection measures should not be removed or moved at any stage, unless agreed upon by a representative of the Local Planning Authority and/or the acting Arboricultural Consultant for the site, or unless otherwise stated within this report. Throughout the proposal, it is important to monitor the condition of the Tree Protective measures, assess whether they are still fit for purpose and meet the design standard within this report. It is recommended that Tree Protection be added to the on-site risk assessment and protective fencing should be subject to a Fixed Scaffolding Safety Checklist. **Reason:** Retained trees and associated soil structure within this report take priority. Entering within areas designated for construction exclusion, will inevitably compromise the health of valuable trees. Barriers should be fit for excluding construction activity and appropriate to the degree and proximity of work taking place around retained trees.

3. Services (electricity, gas, water, foul water & broadband)
Final and temporary services and rainwater soakaways/holding tanks, or waste pumps should be constructed outside the tree Root Protection Areas and located a minimum of 2 m away from any new or proposed tree planting (unless agreed with Arboricultural Consultant and specific provisions are applied). A structural / drainage engineer with relevant experience should design the service locations and rainwater disposal: see section 1A. All gutters, rainwater downpipes and drains must have gutter or drain guards to reduce the risk of blockage from tree-related debris.

4. Removal of Tree Protection
The removal of any Tree Protection can only take place upon completion of Phased Development and upon completion of the project, or under agreement with the acting Arboricultural Consultant. Written consent may be required from the Local Planning Authority to undertake such an operation.

5. Landscaping and related Tree Protection
When working within or close to the Root Protection Area (RPA) of trees, the following must be observed. Unless otherwise agreed with the site's acting Arboricultural Consultant (AC) or the Local Planning Authority (LPA), all works within these areas must be undertaken using hand tools only. If there is a requirement for the use of a vehicle within the tree RPA, the machine must be supported by Ground Guards. The driving of vehicles over open ground, designated for planting, should be avoided, as it may cause soil compaction. Tree / shrub stumps are to be ground out using a Stump Grinder. There should be no major changes in existing soil levels. Surface vegetation can be removed and/or by removing the top 50 mm of vegetation and humus only (unless the tree has very shallow roots; advice should be sought from AC). If the ground is slightly uneven, good quality soil with high granular material content, can be used to level it out. There should be no infill deeper than 150 mm unless advice is gained from AC. The removal of hardstanding and or garden features must be undertaken with caution. Retaining walls within areas designated for tree root protection, must be left in-situ, unless otherwise mentioned within this report. No new structures (unless otherwise agreed with AC or LPA) e.g. walls, footpaths, or water features, should be built within the Root Protection Area of retained trees. If tree roots are unearthed when planting trees and plants with large root balls, roots over 25 mm in diameter should not be pruned. If tree roots are left exposed for more than one day, they should be covered in dry hessian sacking or similar material to avoid desiccation and frost. If a concrete mix, or a chemical substance is to be used in direct contact with the newly excavated soil face, a lining of impermeable chemical-resistant plastic should be used as a separation barrier. Reasons: Excavation and overburdening of existing soil without arboricultural guidance will inevitably compromise tree roots and their surrounding soil structure, which can compromise tree health and stability.

- Note:**
- This report does not give guidance on building near trees, hedgerows, and shrubs in shrinkable soils [National House Building Council (NHBC) guidance in relation to trees, chapter 4.2], as this should be addressed during the Building Regulations phase, unless otherwise requested.
 - The Tree Protection Measures within this document must be included in any Construction Method Statement and Traffic Management Plan, relating to this site.

FIGURE 2

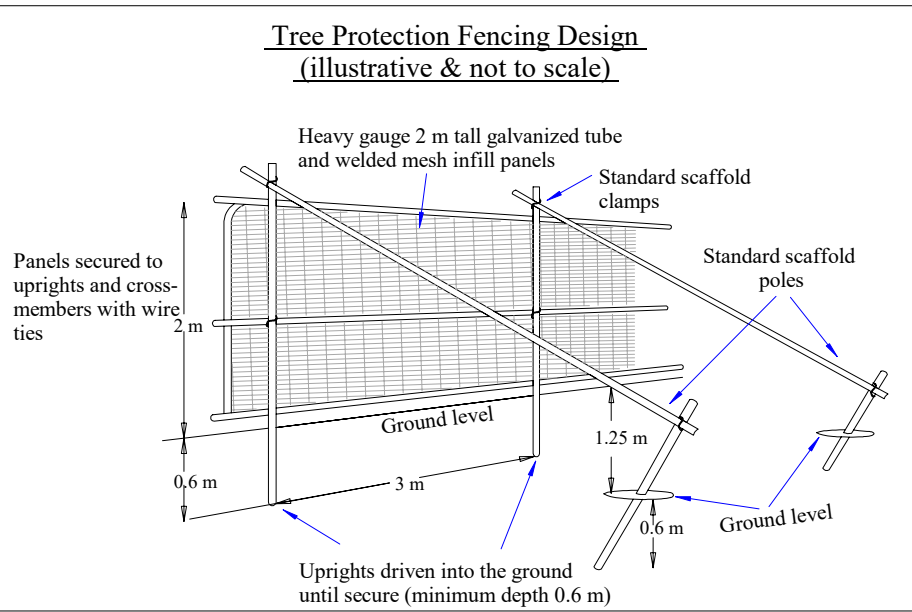


FIGURE 3

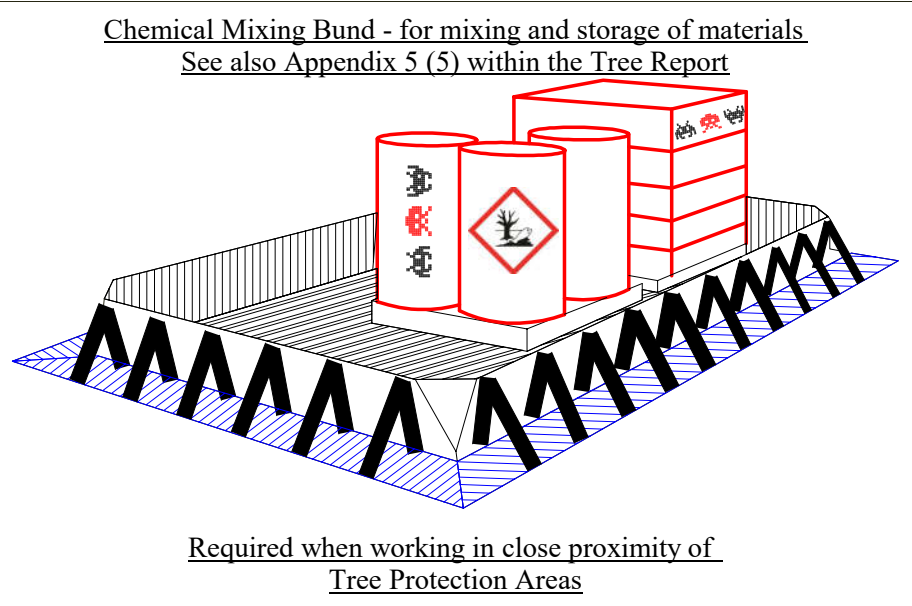


FIGURE 4

