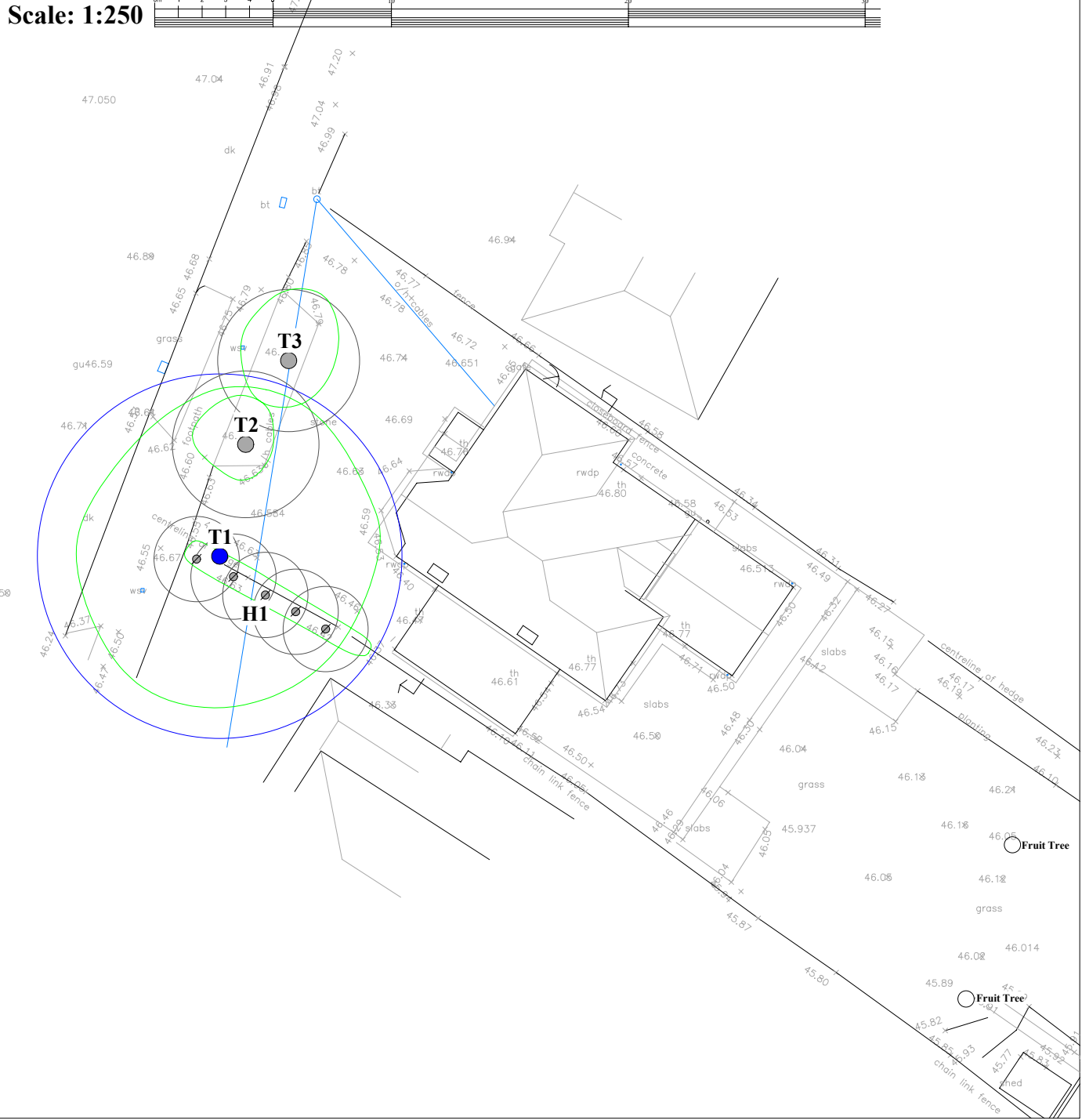


TREE CONSTRAINTS PLAN (EXISTING) GH2543a



TREE PROTECTION PLAN (PROPOSED EXTENSIONS & ALTERATIONS TO EXISTING) GH2543b

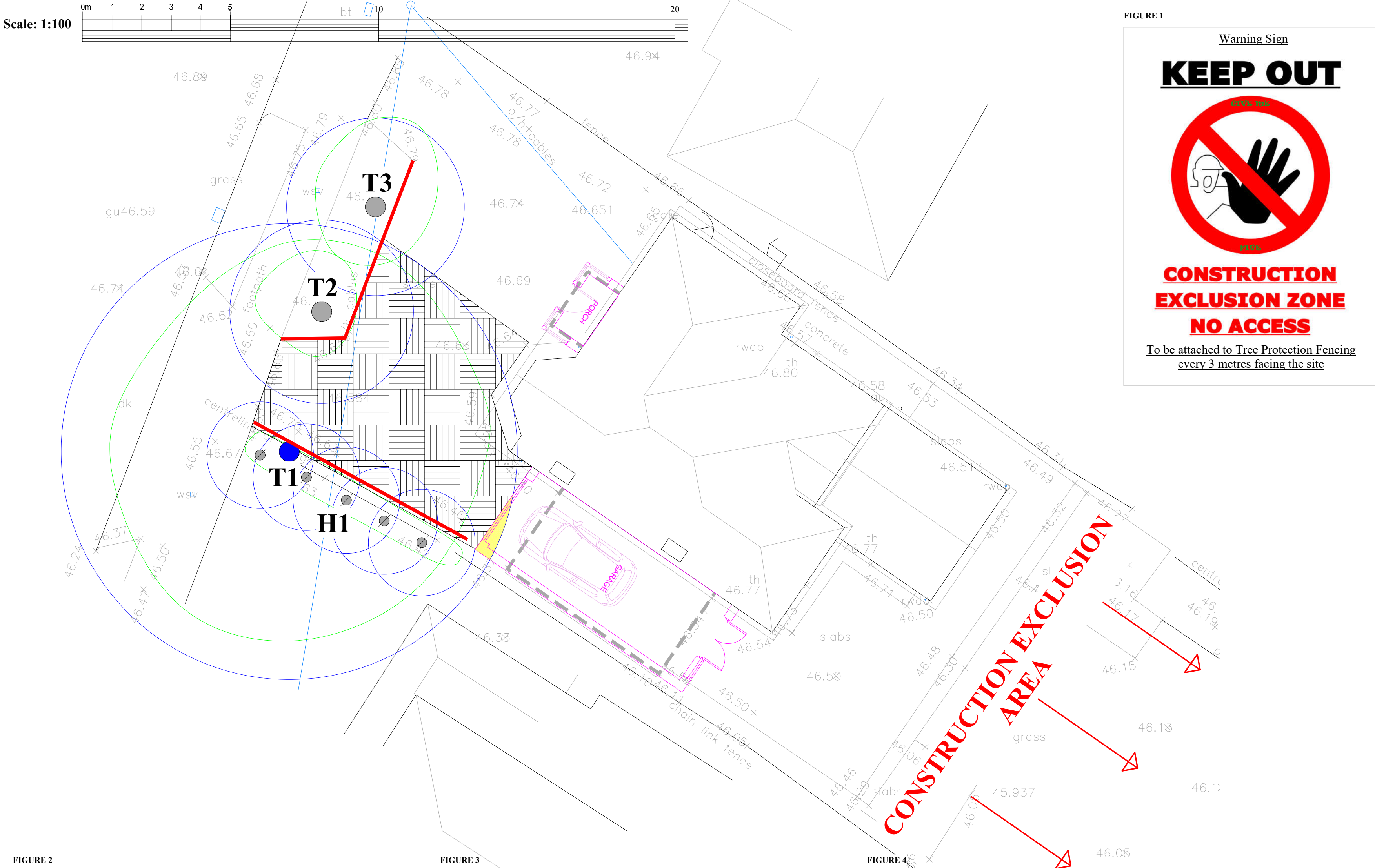


FIGURE 2

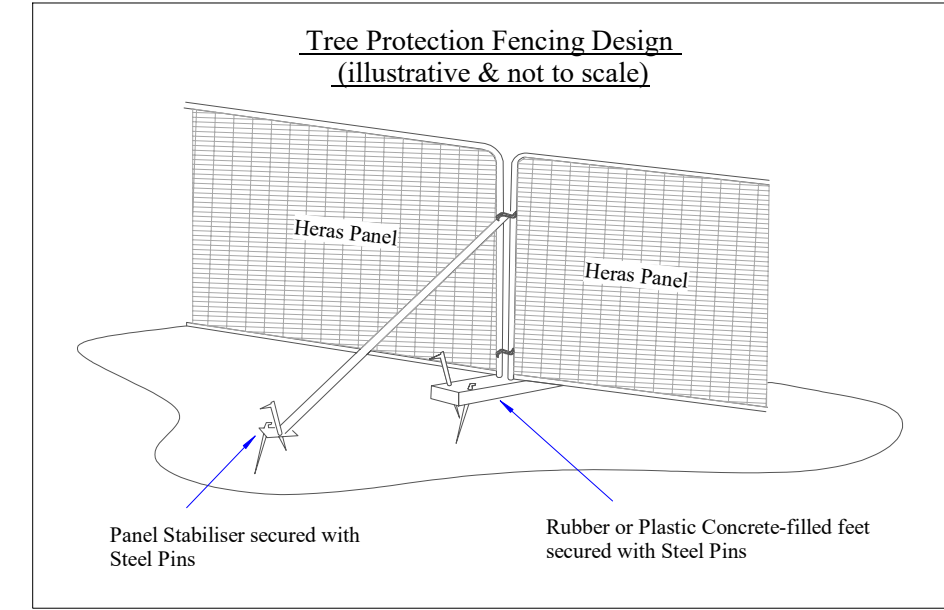


FIGURE 3

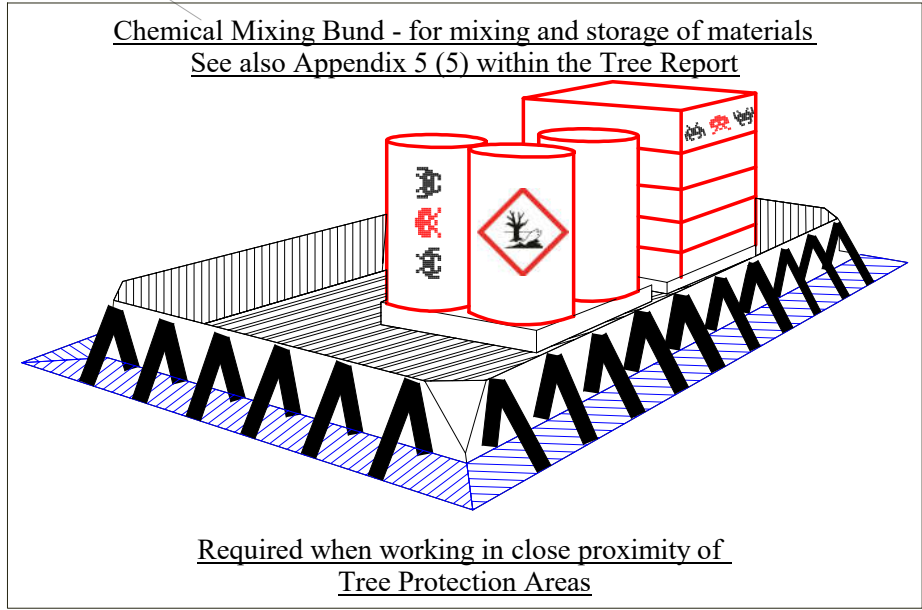


FIGURE 4



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 -Development -Recommendations	Estimated remaining years	Root Protection Area (m ²)	British Standard Category (2012)
T1	Douglas fir	#18	64	N E S W	7 7 #6 6	7	5	M	Fair/Poor -raised roots in driveway -minor sap exudation main stem at 1 m west -utility cables through canopy -historically crown-reduced at 10 m, resulting in slightly open forming canopy above -minor deadwood within canopy -species not ideal within urban gardens due to branch drop characteristics	-no work -monitor any increase in sap exudation and after every storm for broken branches: contact arborist if either occurs	<20	7.7	B/C1
T2	Plum purple	4	26	N E S W	2 1 1 2	2	2	M	Poor/Fair -formal planting -crown-reduced at present size	-no work	<20	3.1	C1
T3	Apple	4	25	N E S W	3 2 2 2	2	3	M	Poor/Fair -formal planting -crown-reduced at present size -mistletoe growing within west of canopy	-no work	<20	3	C1
H1	Yew Plum Holly Forsythia Beech	3	#<15	N E S W	1 1 1 1	0	0	EM	#Poor/Fair -maintained at 3 m, partially outgrown	-no work -minor branch reduction to facilitate construction	#<20	#1.8	C2

TREE CONSTRAINTS PLAN - LEGEND	
Tree location & number	● T1 & H1
Canopy spread	—
Trees not detailed on plans provided	Ø

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

TREE PROTECTION PLAN - LEGEND	
Tree location & number	● T1 & H1
Trees not detailed on plans provided	Ø
Canopy spread	—
Root Protection Area	○
Proposed structures	—
Tree Protection Fencing (see section 2)	—
Ground Protection (see section 2)	—
Excavation with caution within tree RPA (see section 3)	—
Location of surface water service routes, soakaway, electricity, gas, broadband and water, including foul water (see section 4)	

PROPOSED CONSTRUCTION ASSESSMENT	
Excavation with Caution	—
Guidance: British Standard BS5837:12 paragraph 4.6.3 (abstract): Any deviation in the RPA from the original circular plot should take into account root obstructions, soil type, tree age, species, condition and previous management, whilst still providing adequate protection	
Tree root obstruction: Excavation with caution: Available space for offset RPA:	= foundations = 0.44% T1's RPA = surrounding land

Site Address: 89 Kingsway Chandlers Ford Southampton, SO53 1FD	
Client: Mr & Mrs Fuller	
Document Titles: Tree Constraints Plan GH2543a Tree Survey Schedule Tree Protection Plan GH2543b Arboricultural Method Statement	
Rev. 00 Date: 21/04/2025	Paper Size and Scale: A1 - as plan Project Ref: GH2543
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 GH2543

- 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 4). 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 GH2543b), 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. specific construction technique - see section 3: excavation with caution
 - F. services installation - see section 4
 - G. main construction & main construction completion
 - H. removal of Tree Protection measures - see section 5

It is the responsibility of the project manager to arrange Arboricultural Supervision. The project manager will give the Arboricultural Consultant at least 48 hours' written notice prior to any Arboricultural Supervision activity. If there is a specific request from a representative of the LPA wishing to attend, 7 days' notice shall be required. An Arboricultural Supervision statement will be submitted to the Local Planning Authority, in writing after each supervision event.

2. Tree Protection Measures

Tree Protection fencing design for construction and demolition, requires Heras panels with stabilisers, on rubber or plastic concrete-filled feet. For fencing design and specific locations see plan GH2543b 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 GH2543b. 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. Specific construction techniques (within RPA)

Excavation with caution
The area requiring excavation is depicted in plan GH2543b as a yellow polygon and is located within the theoretical Root Protection Area (RPA) of tree T1.

Working Method: The area detailed for excavation must be undertaken with caution, using hand-operated tools only. If tree roots are unearthed, they are to be pruned back to 100 mm away from the edge of the excavation making a clean cut with a suitable sharp tool (e.g. bypass secateurs or handsaw). 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 wet 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.

Reason: Excavation using mechanically driven machinery, will inevitably cause damage to tree roots and soil structure. The use of hand-operated tools allows for a more detailed and observant excavation. This working method will reduce the risk of damaging shallow tree roots and valuable soil. The use of a chemical-resistant plastic will reduce the risk of dangerous leachates, from the chemical mixture, contaminating the soil and/or compromising tree roots.

4. 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 (unless agreed with Arboricultural Consultant and specific provisions are applied). A structural / drainage engineer or person with relevant experience should design the service locations and rainwater disposal; see section 1A. Where possible, services should be connected to existing, within the structure. All gutters, rainwater downpipes and drains must have gutter or drain guards to reduce the risk of blockage from tree-related debris.

5. 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.

- 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 and any other document must be included in any Construction Method Statement and Traffic Management Plan, relating to this site.