

Protective Fencing (Trees)

Protective fencing is to be erected prior to the commencement of any and all works on site and retained in place for the duration of the development.

Default Specification: To comprise of either 2.4m wooden site boarding; or a 2.3m high scaffold framework comprising of vertical and horizontal framework, well braced to resist impacts, with uprights to be spaced at a maximum of 3.0m intervals and driven into the ground by a minimum of 600mm. On to this, standard anti-climb welded mesh panels are to be securely fixed to each other with at least two scaffold clamps and to the scaffold framework with wire.

Secondary Specification: To comprise of 2m tall welded mesh panels on rubber or concrete feet. Panels are to be joined together using a minimum of two anti-tamper couplers, installed so that they can only be removed from inside the fence. The panels should be supported on the inner side by stabilizer struts, which should be attached to a base plate and secured with ground pins.

All weather notices are to be attached at regular intervals on the weld mesh panels with words such as "Construction Exclusion Zone - KEEP OUT".

Tree Protection Area

KEEP OUT
Do not move this fence

OWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS
AND/OR ARE THE SUBJECT OF A TREE PRESERVATION ORDER.
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL
PROSECUTION

ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN
PERMISSION OF THE LOCAL PLANNING AUTHORITY



Ground Protection

The existing hard surfacing within the RPAs of retained trees provides passive protection against compaction to the underlying soil and therefore must be retained for the duration of the project. If removed, it shall be done so under the direct supervision of the Project Arboriculturalist and be immediately replaced with either the new surface treatment or with suitable ground protection, capable of withstanding the likely loading for the site.

New temporary ground protection should be capable of supporting any traffic entering or using the site without being distorted or causing compaction of underlying soil.

Note The ground protection might comprise one of the following:

- a) for pedestrian movements only, a single thickness of scaffold boards placed either on top of a driven scaffold frame, as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100 mm depth of woodchip), laid onto a geotextile membrane;
- b) for pedestrian-operated plant up to a gross weight of 2 t, proprietary inter-linked ground protection boards placed on top of a compression-resistant layer (e.g. 150 mm depth of woodchip), laid onto a geotextile membrane;
- c) for wheeled or tracked construction traffic exceeding 2 t gross weight, an alternative system (e.g. proprietary system or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction with arboricultural advice, to accommodate the likely loading to which it will be subjected.

For situations other than those described in a) or b), the ground boarding is to be designed by a suitably qualified person to an engineering specification in conjunction with arboricultural advice, to be able to support the expected loading to be placed upon it.

In all cases, the objective of the ground boarding is to avoid compaction of the soil beneath, so that tree root function remains unimpaired.

Supervised Excavation

All excavations situated either partially or completely within the RPA of retained trees are to be undertaken manually; unless otherwise permitted and under the direct supervision of the Project Arboriculturalist.

Any roots that are to be cut will be cleanly severed by the Project arboriculturist using a suitably sharp hand saw or secateurs. The edge of all excavations closest to the retained trees will be covered with damp hessian to prevent drying out, and where necessary be shuttered to prevent soil collapse or contamination by concrete. If appropriate soil beneath the depth of the excavation may be sheet piled, regular piled or have individual piles installed.

Manual excavation: Excavations within the RPAs of retained trees will initially be undertaken by hand under the direct supervision of the Project Arboriculturist to a minimum depth of 600mm (to be confirmed by the Project Arboriculturist), whether its for proposed foundations, hard surfacing or underground services. The soil is to be loosened with the use of a fork or pick and/or air-spade and then cleared with a shovel and/or the aid of an air-vac.

Mechanical excavation: In some situations and at the discretion of the Project Arboriculturalist, excavation within the RPAs may be able to consist of a mixture of mechanical and manual excavation. Where an excavator is used it will be fitted with a suitably sized toothless grading bucket; using a grading / scraping motion, rather than digging. During each motion the excavator should be restricted to removing no more than 10 - 20mm of soil in any one pass. If any roots are discovered, mechanical excavation will be stopped immediately and manual excavation will take over to expose the root. Upon the root being uncovered and either severed or protected the excavations can then continue. Any excavator or other machinery that is to be used will be situated outside of the RPAs of all retained trees or on top of suitably constructed ground protection.

Where an excavator or any other machinery is to be used within RPAs or beneath canopies the Project Arboriculturist will clearly instruct the operator about what they want and expect to happen prior to any works may commence.

Arboricultural Method Statement

All tree works must be undertaken in accordance with British Standards. Please refer to the Tree Schedule, Arboricultural Method Statement & Tree Protection Plan, for full details of all surveyed trees and how the development may be implemented without detriment to retained trees.

Protective Fencing

Arboricultural Supervision: Manual excavations for the installation of foundations within the RPAs of retained trees T03 & T04.

Ground Protection
Temporary ground boarding.

Protective Fencing

Arboricultural Supervision: Replacement of existing hard landscaping within the RPA of retained tree T04. The existing sub-base will be re-utilised.

Arboricultural Supervision: Manual excavation for the installation of hard landscaping within the RPA of retained tree T04

Arboricultural Supervision: Replacement of existing hard landscaping within the RPAs of retained trees T03 & G03. The existing sub-base will be re-utilised.

Arboricultural Supervision: Manual excavation for the installation of hard landscaping within the RPAs of retained trees T02, T03 & G01.

Arboricultural Supervision: Manual excavation for the installation of posts within the RPAs of retained trees; posts will be relocated to avoid roots in excess of 25mm diameter.

Protective Fencing

Ground Protection
Temporary ground boarding.

Protective Fencing

Tree Work Schedule

No.	Species	Remarks	Category
101	Plum	Remove: gird stump	C1
102	Common Laburnum	Crown reduce saplings exposed by C5	C2
105	Norway Maple	Remove: gird stump	C3
106	Oak	Remove: gird stump	C4
001	A Group	Partial removal of group as indicated on plan (Remove AA-02); gird stump	C5
002	A Group	Remove: gird stump	C6
003	A Group	Remove: gird stump	C7
004	A Group	Remove: gird stump	C8
007	A Group	Partial removal of group as indicated on plan (Remove AA-01); gird stump	C9
008	A Group	Partial removal of group as indicated on plan (Remove AA-01); gird stump	C10
009	A Hedge	Partial removal of hedge as indicated on plan (Remove AA-01); gird stump	C11

All tree work is to be undertaken in accordance with British Standards BS3998:2003 Tree Work - Recommendations. All surveys are to be removed and the site left as it was found. Care is to be taken to ensure that the ground around retained trees does not become compacted as a result of the survey operations. No equipment or vehicles are to be used inside red timber barriers, hoardings, excavations, or cranes are to be parked on or over the crown of any retained trees to prevent subsequent contraction or loss of crown.

Arboricultural Supervision

The Project Arboriculturist will be required to attend site to directly supervise all demolition and construction works that have to be undertaken within the root protection zone. This will include:

- Pre-construction site meeting;
- Location of protective measures;
- Manual / Supervised excavation of site investigations, foundations, hard surfacing, and fence posts within and immediately adjacent to the RPA's retained trees;
- Any excavations within and immediately adjacent to RPA including foundations, hard surfacing, or underground services (non-exhaustive list);
- Removal of protective measures and sign-off.

Rev.

Date

Notes

1	15/01/2024	Initial assessment.
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Project:

11 Old Bath Road
Sunning
Reading
Berkshire
RG4 6SZ

Client:

Summersalt Properties Ltd

Drawing:

Tree Protection Plan

Based on:

PDBR - PL - 104

Drawing No:

Arbtech TPP 01

Rev:

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Date:

Oct 2024

Scale:

1:100 @ A0

Drawn:

PDG

Key:

Existing Site Layout	Proposed Site Layout	Tree Numbers	T01
Tree Trunk	Tree Canopy	Root Protection Area	
Category A Tree	Category B Tree	Category W Tree	
Category C Tree	Category T Tree	Category U Tree	
Trees Removed	Protective Fencing	Physical Protection	
Supervised Excavations	Supervised Hard Surface Network	Supervised Excavations	

Please note: all of the above drawings have been created using the software from the drawings. Any alterations to the drawings will be made by the client. The drawings are for information only and are not to be used for any other purpose. The drawings are for information only and are not to be used for any other purpose. The drawings are for information only and are not to be used for any other purpose.

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