

Tree Protection Area

KEEP OUT

Do not move this fence

TOWN & 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

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Protective Fencing

To be erected prior to the commencement of all works on site, and retained in place throughout construction.

Default specification: To comprise either 2.4m wooden site hoarding; or a 2.3m high scaffolding 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 should be erected at regular intervals on the weld mesh panels with words such as "Construction exclusion zone - Keep out".

Ground Protection

The existing hard surfacing located within the RPAs of trees T2 & T3, as depicted in the tree protection plan (Arbtech TPP 01), should be retained for the duration of the project. If this is removed, it will be done so under direct arboricultural supervision and replaced 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. 100mm depth of woodchip), laid onto a geotextile membrane;
- b) for pedestrian-operated plant up to a gross weight of 2t, proprietary inter-linked ground protection boards placed on top of a compression-resistant layer (e.g. 150mm 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.

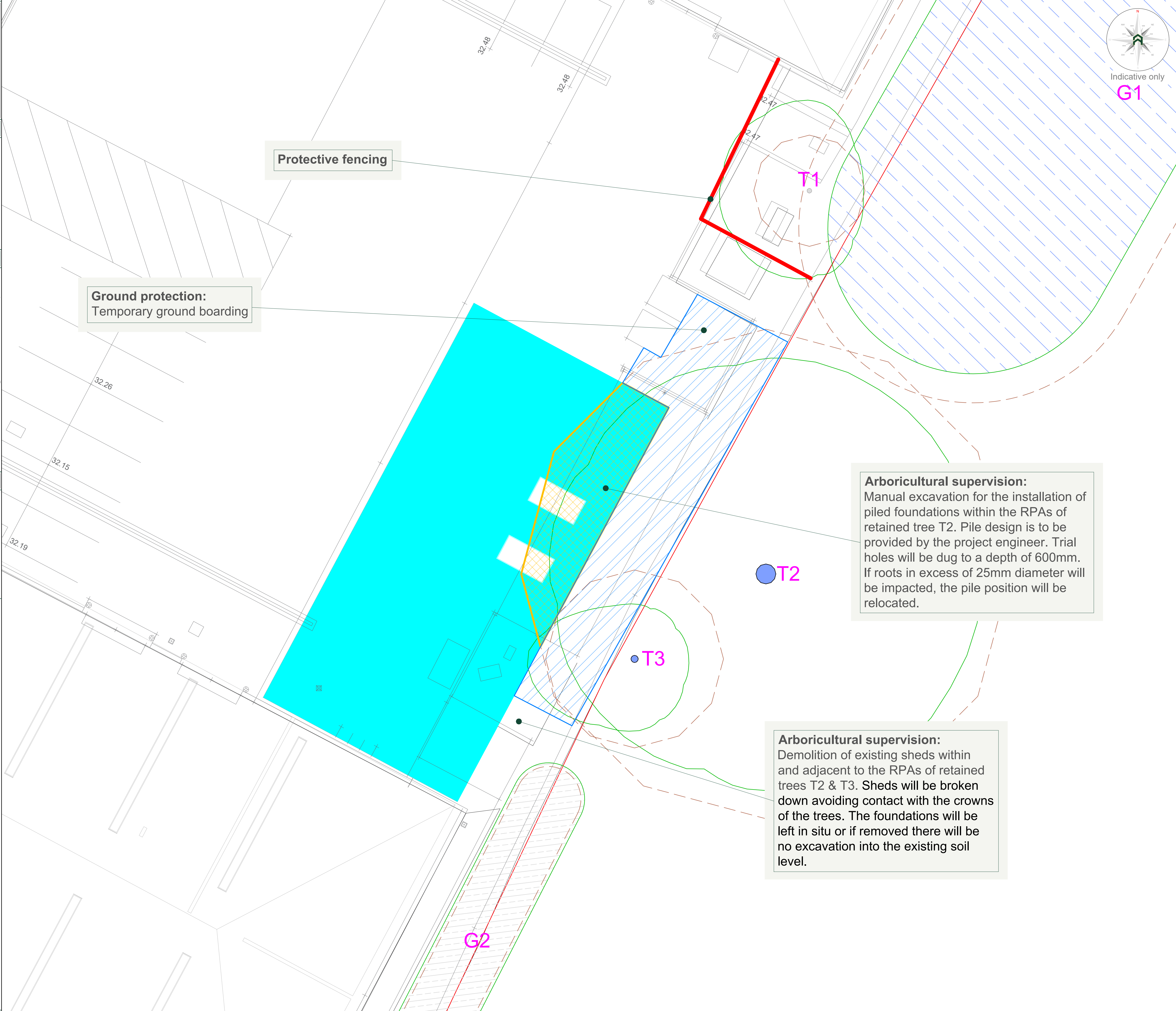
Foundations within RPAs

Piles to be installed under arboricultural supervision for the proposed dwelling foundations. This system will greatly reduce the impact of the dwelling on the RPA of the retained trees, leaving the pile diameter as the only impact.

Trial holes will be dug manually to a depth of 600mm, if roots in excess of 25mm diameter will be impacted, piles will be relocated.

Where piling is to be installed near to trees, the smallest practical pile diameter should be used, as this reduces the possibility of striking major tree roots, and reduces the size of the rig required to sink the piles. If a piling mat is required, this should conform to the parameters for ground boarding. Use of the smallest practical piling rig is also important where piling within the branch spread is proposed, as this can reduce the need for access facilitation pruning.

This information is compliant with British Standard BS5837:2012 Trees in relation to design demolition and construction - Recommendations, section 7.5 Special engineering for foundations within the RPA.



Arboricultural Impacts

Impacts	Nos. of trees
Trees to be removed	0
Groups / Hedges to be removed (Partial removal of groups)	0 (0)
Trees with proposed incursions into RPAs	1
Groups / Hedges with proposed incursions into RPAs	0
Trees that will require pruning	0
Groups / Hedges that will require pruning	0
Trees to be transplanted	0
Groups / Hedges to be transplanted	0

No.	Species	Proposed structure	Incursion
T2	London Plane	Extension	RPA

Arboricultural Impacts - RPAs (Area)

No.	Species	RPA (m²)	Incursion (m²)	Incursion (%)
T2	London Plane	547.4	47.8	8.7

Tree Work Schedule

Tree No	Species	Works	Category
T2	London Plane	Prune; reduce crown to 2m from boundary line.	B12
T3	Common Horse Chestnut	Prune; reduce crown to 2m from boundary line.	B1

All tree work is to be undertaken in accordance with British Standard BS 3986:2010 Tree work - Recommendations.

All arising's are to be removed and the site is to be left as found.

Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of tree surgery operations. No equipment or vehicles such as timber lorries, tractors, excavators or cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.

Arboricultural Supervision

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

- Pre-commencement site meeting.
- Location of protective measures.
- Demolition of sheds within the RPAs of trees T2 & T3.
- Supervised excavations for pile locations within the RPA of tree T2.
- Any demolition and or excavations within or adjacent to RPAs, including foundations, hard surfacing or underground services (a non-exhaustive list).
- Arboricultural sign off and removal of protective measures.

Arboricultural Method Statement

Please refer to Arbtech Consulting Ltd. Tree Schedule and Arboricultural Method Statement, for full details on all surveyed trees and how all aspects of the development may be implemented without detriment to retained trees.

arbtech

Project:

3 Highbridge Industrial Estate,
Oxford Road,
Uxbridge,
Middlesex,
UB8 1LX

Client:

ARRI Rental UK

Drawing:

Tree Protection Plan

Based on:

112

Drawing No:

Arbtech TPP 01

Rev:

Date:

Oct 2022

Scale:

1:100 @ A1

Drawn:

AJN

Key:

Tree Nos.:	T1	Tree Canopies:		Trunks:	
RPAs:		Category 'B' trees:		Category 'B' groups:	
Category 'C' trees:		Category 'C' groups:		Existing Site:	
Proposed Site:		Protective fencing:		Ground boarding:	
Arboricultural supervision - Excavations:					

All dimensions should be checked on site. No dimensions are to be scaled from this drawing. Please notify us of any discrepancies found. Arbtech Consulting Ltd. cannot be held responsible for inaccuracies in the base drawing in which this plan is based.

This drawing is designed to reflect the principles of the layout or design only, and relates only to the protection of retained trees.

This drawing is not to be read as a definitive part of the engineering or construction design or method statement. An architect or structural engineer should be contacted over any matters of construction, detailing or specification and for any standards or regulatory requirements relating to proposed structures, their siting or underground services.

This drawing was produced in colour - a monochrome copy should not be relied upon.

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