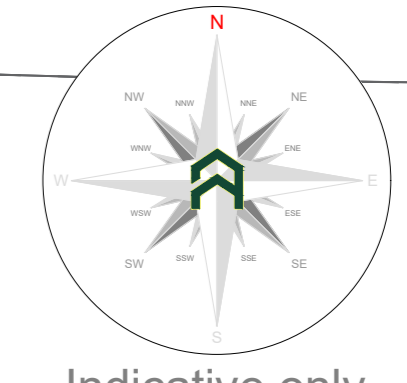


MOTSPUR PARK



Indicative only

No.	Species	Works	Category
T3	Malva	Fat and remove stump	C1

All the work is to be undertaken in accordance with British Standard BS 3968:2010 Tree work - Recommendations.
All arborists are to be trained 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 trailers, tractors, excavators or cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.

Tree Protection Area
KEEP OUT
Do not move this fence

OWNERS AND COUNTRY PLANNING ACT 1990
TREES EXCLUDED BY THIS NOTICE ARE PROTECTED BY PLANNING CONDITIONS AND/OR ARE THE SUBJECT OF A TREE PRESERVATION ORDER.
CONVICTION OF A BREACH OF THESE CONDITIONS MAY BE A CRIMINAL OFFENCE.
ANY ENCROACHMENT INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY.

Ground protection

Existing hard surfaces will be retained for the duration of the development to act as passive ground protection. If the hard surface is to be removed, it will be immediately replaced by the new surface or temporary ground protection until the new surface is to be installed.

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:

- 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;
- 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. 100mm depth of woodchip), laid onto a geotextile membrane;
- for wheeled or tracked construction traffic, exceeding 2 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 demolition

Hard surfacing:
Removal of and/or replacement of hard surfacing situated either partially or completely within the RPA of retained trees shall be undertaken with care and under the direct on-site arboricultural supervision as these areas are likely to contain roots.

Where this is necessary the working course will be broken up using a hand held pneumatic breaker, hand tools and a wheel barrow to break up and remove the surfacing. If it is necessary to remove the sub base this is to be undertaken using hand tools such as a fork to loosen the material and removed using shovels and wheel barrows.

In some situations and at the discretion of the arborist it may be possible to use an excavator using a hydraulic breaker and suitably sized toothless grading bucket. If an excavator is to be used it must be situated outside the RPA, on top of the hard surfacing working away from the RPA or from ground boarding. If it is likely that there will be any collapse of the soil within the working environment excavation is to be stopped immediately and the trench is to be shored up to prevent loss of the working environment.

Which ever system is used there is to be NO disturbance of the soil beneath. If roots are found they are to be covered over with damp hessian and a layer of either sharp sand, wood chip or top soil to prevent desiccation.

Structures:
Demolition of existing structures and foundations situated either partially or completely within the RPA of retained trees shall be undertaken with care and under the direct on-site arboricultural supervision as these areas are likely to contain roots.

Where it is necessary for the foundations to be removed they are to be removed where critical to the proposed development and to the minimum depth required. The foundations will be broken up using a hand held pneumatic breaker, hand tools and a wheel barrow to break up and remove the surfacing. In some situations and at the discretion of the arborist it may be possible to use an excavator using a hydraulic breaker and suitably sized toothless grading bucket. If an excavator is to be used it must be situated outside the RPA, on top of the hard surfacing working away from the RPA or from ground boarding. If it is likely that there will be any collapse of the soil within the working environment excavation is to be stopped immediately and the trench is to be shored up to prevent loss of the working environment.

Which ever system is used there is to be NO disturbance of the soil on the tree side of the foundations. If roots are found they are to be covered over with damp hessian and a layer of either sharp sand, wood chip or top soil to prevent desiccation.

Foundations within RPAs

The use of traditional strip foundations can result in excessive root loss and as such should be avoided.

Designs for foundations that would minimize the adverse impact upon trees should include particular attention to the existing levels, proposed finished levels and cross sectional details. Site specific and specialist advice should be sought from the project engineer and arboriculturalist.

Root damage will be minimised by using one of the following options:

- A slab, formed on top of the existing soil level. The underside of the slab will be tied and sealed to prevent any leaching of the concrete into the soil.
- A slab, formed on top of a layer of multi-dimensional confinement system such as CellWeb™.
- Ground screws, installed by a specialist contractor, supporting beams which can be cantilevered as necessary to avoid tree roots as discovered during the installation of the screws.

Where a slab for minor structures is to be formed within the RPA, it should base on the existing ground level, and should not exceed an area greater than 20% of the existing unroofed ground.

Where ground screws 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 piling.

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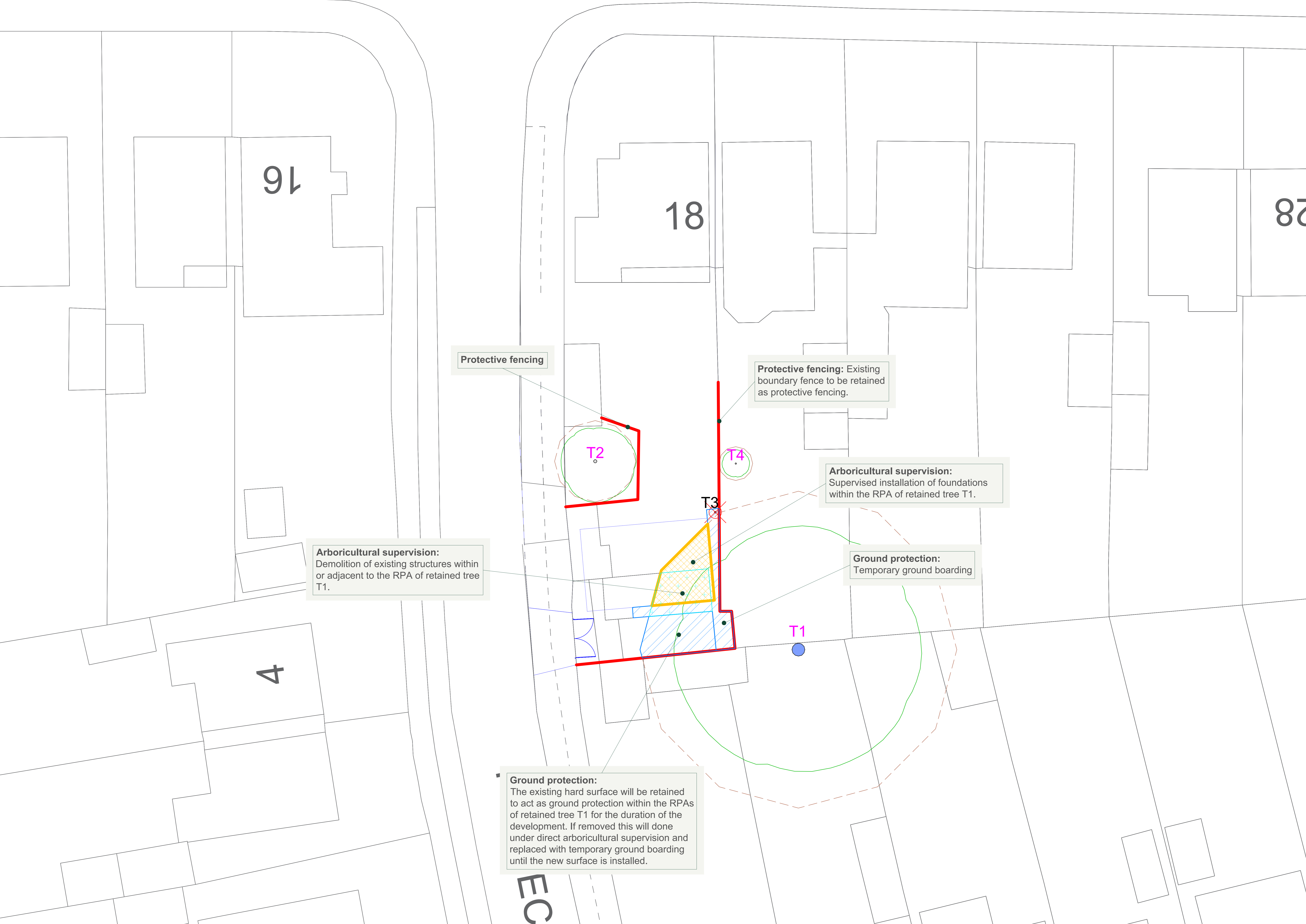
Arboricultural Supervision

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.
- Supervised demolition of the structures, hard surfacing and associated foundations within or immediately adjacent to the canopies and RPAs of all retained trees.
- Supervised installation of foundations and hard surfacing replacement within and immediately adjacent to the RPAs of retained trees.
- Any excavations within and immediately adjacent to RPAs, including foundations, hard surfacing, or underground services.
- Removal of protective measures and sign off.

Arboricultural Method Statement

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



Arboricultural supervision:
Demolition of existing structures within or adjacent to the RPA of retained tree T1.

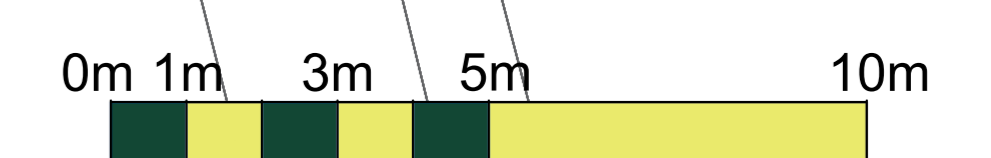
Protective fencing

Protective fencing: Existing boundary fence to be retained as protective fencing.

Arboricultural supervision:
Supervised installation of foundations within the RPA of retained tree T1.

Ground protection:
Temporary ground boarding

Ground protection:
The existing hard surface will be retained to act as ground protection within the RPAs of retained tree T1 for the duration of the development. If removed this will done under direct arboricultural supervision and replaced with temporary ground boarding until the new surface is installed.



arbtch

Unit 3, Well House Barns, Chester, CH4 0DH
https://arbtch.co.uk, 01244 661170

Project: **18 Motspur Park, New Malden, Kingston Upon Thames, KT3 6PL**

Client: **Mr Khanh**

Drawing: **Tree Protection Plan**

Based on: **File name: 18 Motspur Park kt3 6pl.dwg 1-500**

Drawing No: **Arbtch TPP 01** Rev:

Date: **March 2024** Scale: **1:100 @ A0** Drawn: **CMW**

Key:

Tree Ret:	T1	Tree Canopies:	Trunks:	○
RPA:	○	Category 'T' trees:	Category 'C' trees:	○
Trees to be removed:	T3	Existing Site (OS file):	Proposed Site:	—
Protective fencing:	—	Arboricultural supervision:	Arboricultural supervision:	—
Ground protection:	—	Arboricultural supervision:	Arboricultural supervision:	—

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