



Indicative only

Tree Work Schedule			
No.	Species	Works	Category
G11	Comptonia persea	Remove trees to provide 10% canopy cover (reference to the proposed structure)	C23
T12	Betula pendula	Remove trees to provide 10% canopy cover (reference to the proposed structure)	B12

All new work to be undertaken in accordance with British Standard BS 3998:2010 Tree work - Recommendations

All areas to be removed and the site is to be left as found. Care 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 loader trucks, tractors, excavators or cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.

**Protective Fencing**

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

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 stabiliser 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".

**Tree Protection Area KEEP OUT**  
Do not move this fence

Trees enclosed by this fence are protected by planning conditions and the site should be protected by planning conditions. CONTAMINATION OF A TREE PROTECTION 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 surface will be used as passive ground protection with the RPAs of retained trees for the duration of the development. If removed, this will be done under direct arboricultural supervision and new temporary ground boarding will be installed.

New temporary ground protection should be capable of supporting any traffic entering or using the site without being damaged 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, or 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-locked ground protection boards placed on top of a compression-resistant layer (e.g. 150mm depth of woodchip), laid onto a geotextile membrane;
- For wheeled or tracked construction traffic exceeding 2t gross weight, an alternative system (e.g. proprietary systems 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 unimpacted.

**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 level, proposed finished levels and cross sectional details. Site specific and specialist advice should be sought from the project engineers and arboriculturist.

Root damage can be minimized by using:

- Piles with site investigation used to be determined their optimal location while avoiding damage to roots important for the stability of the tree, by means of hand tools or compressed air soil displacement, to a minimum depth of 600mm;
- Beams or slab laid at or above ground level, and cantilevered as necessary to avoid tree roots identified by site investigation.

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

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 reduce the size of the rig required to site the piles. If a piling mat is required, this should conform to the parameters for ground boarding. Use of the smallest practical piling is also important where piling within the branch spread is proposed, as this can reduce the need for access facilitation piling. The pile type should be selected bearing in mind the need to protect the soil and adjacent roots from the potentially toxic effects of unsecured concrete, e.g. sleeved bored piles or screw piles.

**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 meeting;
- Supervised installation of foundations within RPAs of trees G11 & T12;
- Arboricultural sign off and removal of protective measures.

**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 development may be implemented without detriment to retained trees.

Rev: Date: Notes:



Project: Cemetery Depot, Benhall Mill Road, Tunbridge Wells, Kent, TN2 5JH

Client: AECOM

Drawing: Tree Protection Plan

Based on: SK004

Drawing No: Arbtch TPP 01 Rev: JCH

Date: Oct 2020 Scale: 1:100 @ A0 Drawn: JCH

**Key:**

Tree No.	T01	Tree	Trunk	
RPAL	Category 'A' trees	Category 'A' trees	Category 'A' trees	
Category 'B' groups	Category 'B' trees	Category 'B' trees	Category 'B' trees	
Proposed	Proposed	Proposed	Proposed	
Arboricultural	Arboricultural	Arboricultural	Arboricultural	
Foundations	Foundations	Foundations	Foundations	

Arboricultural Consultant: Arbtch Consulting Ltd, Unit 3, Well House Barns, Chester, CH4 0DH, https://arbtch.co.uk, 01244 661170

Protective fencing

**Ground protection:**  
The existing hard surface will be retained to act as ground protection within the RPAs of retained trees G16 for the duration of the development. If removed this will done under direct arboricultural supervision and replaced with temporary ground boarding.

Protective fencing

**Arboricultural supervision:**  
Installation of slab foundation at or above the current soil level within the RPAs of retained trees G11 & T12.

Protective fencing

**Ground protection:**  
The existing hard surface will be retained to act as ground protection within the RPAs of retained trees G11 & T12 for the duration of the development. If removed this will done under direct arboricultural supervision and replaced with temporary ground boarding.

Protective fencing

