

### Tree Work Schedule

No.	Species	Works	Category
C1	A Collection	Fell trees to ground level, remove stumps	C1
C2	A Collection	Fell trees to ground level, remove stumps	C1
G1	Various	Fell trees to ground level, remove stumps	C1
G2	Various	Fell trees to ground level, remove stumps	C1
G3	Various	Fell trees to ground level, remove stumps	C1
G4	Various	Partial removal of group. Fell trees to ground level, grind cut stumps	B1
W1	Various	Partial removal of group. Fell trees to ground level, grind cut stumps. Crown lift trees within the path of the proposed pedestrian half surface to ensure 3m clearance above current ground level for path users.	B1
1	Horn oak	Fell trees to ground level, remove stumps	C1
2	Horn oak	Fell trees to ground level, remove stumps	C1
3	Horn oak	Fell trees to ground level, remove stumps	C1
4	Common ash	Fell trees to ground level, remove stumps	C1
5	Horn oak	Fell trees to ground level, remove stumps	C1
6	Slough horn oak	Fell trees to ground level, remove stumps	C1
7	Slough horn oak	Fell trees to ground level, remove stumps	C1
8	Cherry	Fell trees to ground level, remove stumps	C1
9	Mountain ash	Fell trees to ground level, remove stumps	C1
10	Common ash	Fell trees to ground level, remove stumps	C1
11	Common ash	Fell trees to ground level, remove stumps	C1
12	Common ash	Fell trees to ground level, remove stumps	C1
13	Spotted pine	Fell trees to ground level, remove stumps	C1
14	Soft willow	Fell trees to ground level, remove stumps	C1
15	Scots pine	Fell trees to ground level, remove stumps	C1
16	Scots pine	Fell trees to ground level, remove stumps	C1
17	Scots pine	Fell trees to ground level, remove stumps	C1
18	Black alder	Phase: Crown lift trees within the path of the proposed pedestrian half surface to ensure 3m clearance above current ground level for path users.	C1
19	Sycamore	Phase: Crown lift trees within the path of the proposed pedestrian half surface to ensure 3m clearance above current ground level for path users.	B1
20	Sycamore	Phase: Crown lift trees within the path of the proposed pedestrian half surface to ensure 3m clearance above current ground level for path users.	B1
21	Nowyia maple	Phase: Crown lift trees within the path of the proposed pedestrian half surface to ensure 3m clearance above current ground level for path users.	B1

All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree work - Recommendations.  
An arborist's note to be removed and the site 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.

#### 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 2m 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 2m x 1m 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 timber or concrete piles. Piles are to be joined together using a minimum of two anti-lapover couplers, labelled so that they can only be removed from inside the fence. The panels should be supported on the reverse 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".

### Tree Protection Area KEEP OUT

Do not move this fence

ENVIRONMENTAL PROTECTION ACT 1980  
PLANNING ACT 1990  
CONSERVATION OF LAND ACT 1969  
CONSERVATION OF A TREE PROTECTED BY PLANNING CONDITIONS  
CONSERVATION OF A TREE PROTECTED BY A TREE PRESERVATION ORDER  
CONSERVATION OF A TREE PROTECTED BY A TREE PRESERVATION ORDER

ANY INTRUSION INTO THE PROTECTED AREA WILL BE AT THE WRITER'S RISK.

**ARBTECH**  
Arbtech Consulting Ltd  
Unit 3, Well House Barns, Chester, CH4 0DH  
www.arbtech.co.uk, email@arbtech.co.uk, 01244 660558

#### Ground boarding

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:  
a) for pedestrian movements only, a single thickness of scaffold boards placed either on top of a drilled scaffold frame, as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 150mm depth of woodchip).  
b) for pedestrian movements only, a proprietary interlocking ground protection boards placed on top of a compression-resistant layer (e.g. 150mm depth of woodchip), laid on a geotextile membrane.  
c) for wheeled or tracked construction traffic exceeding 21 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.

#### No Dig Surfacing

Multi-dimensional confinement system  
Existing vegetation may be removed with hand tools or sprayed with an approved non-residual herbicide such as DigRight®. The new hard surfacing will be constructed using a No Dig surfacing situated entirely above the existing soil surface and where needed using a proprietary cellular confinement system (Geobloc or similar) laid over a geotextile (Geotex Trax or similar). Prior to this any small holes on the surface may be filled with clean sharp sand (not builder sand) to a maximum depth of 150mm. The "No Dig" will be back filled by hand with a mixture of aggregate (20mm - 50mm). The area of "No Dig" will be covered with a permeable geotextile fabric and the finished wearing course laid on top. Edge supports of an appropriate size and strength should be set above ground level and secured with haunching or steel pins driven into the ground, the outer edge of the supports may be banked up with clean top soil.

#### Hard Surfacing Removal

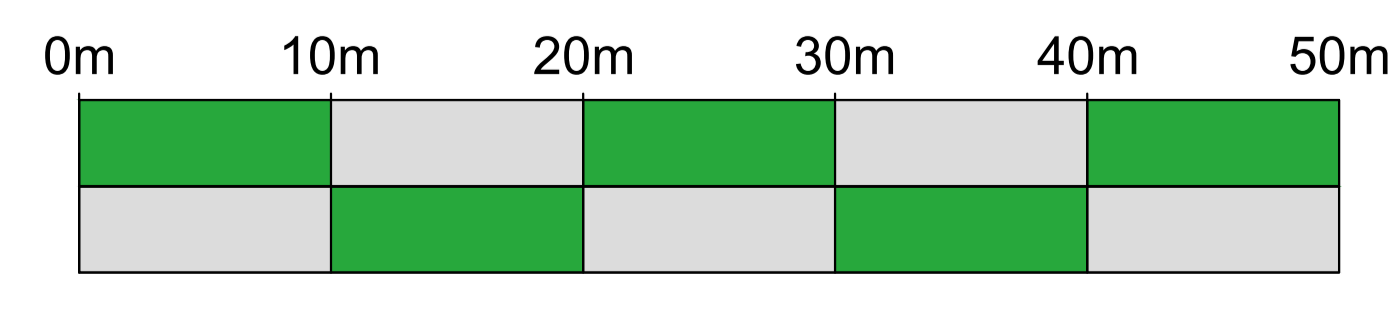
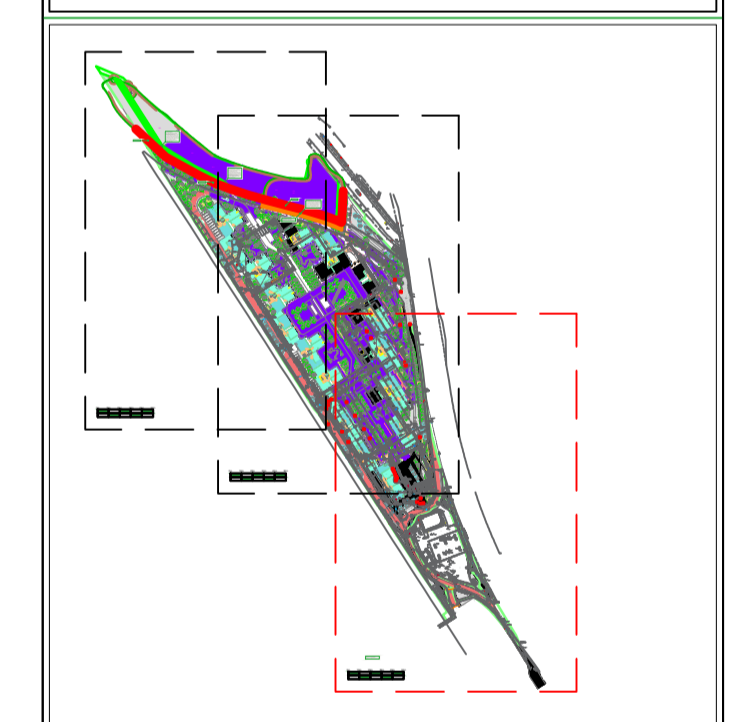
Removal of and/or replacement of hard surfacing situated either partially or completely within the RPAs of retained trees shall be undertaken with care and prior to the start of arboricultural supervision as these areas are likely to contain roots.  
Where this is necessary the wearing course will be broken up using a hand held pneumatic breaker, hand tools and a wheelbarrow 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 shovel and wheelbarrow.  
In some situations and at the discretion of the arborist it may be possible to use an excavator using a hydraulic breaker and a suitably sized toothless grading bucket. If an excavator is to be used it must be situated outside of the RPAs, on the hard surfacing working away from the RPAs or from ground boarding.  
Which ever system is used it 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 other sharp sand, wood chip or top soil to prevent desiccation.

#### 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:  
1. Pre start meeting.  
2. Location of protective measures.  
3. Supervised demolition of hard surfacing & kerb edging within RPAs of retained trees of groups W1 & G4.  
4. Installation of "No Dig" hard surfacing.  
5. Any excavations within or adjacent to RPAs, including foundations, hard surfacing or underground services.  
6. Removal of protective measures and sign off as compliant with arboricultural planning conditions.

#### Arboricultural Method Statement

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



NOTE: There are no tree protection requirements described on sheet 3 of 3.

Rev: Date: Notes:

**ARBTECH**  
Unit 3, Well House Barns, Chester, CH4 0DH  
www.arbtech.co.uk, email@arbtech.co.uk, 01244 660558

Project: Mill Hill, London, NW7 2ET  
Client: Meadow Residential  
Drawing: Tree Protection Plan, Sheet 3 of 3  
Based on: P1-PLANNING-A01-00-03

Drawing No: Arbtech TPP 03  
Date: Feb 2019  
Scale: 1:150 @ A0  
Drawn: JCH

Key:	Tree No.	Species	Category	Work	Feature
	21	Horn oak	C1	Fell to ground level, remove stump	Existing Tree
				Protective fencing	Ground Boarding
				No Dig hard surfacing	No Dig hard surfacing

All dimensions shall be taken to the centre line of the path.  
Please refer to the Arboricultural Method Statement for full details on all supervised trees and how all aspects of the development may be implemented without detriment to retained trees.  
This drawing is prepared in colour - a reproduction may result in loss of information.  
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