

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, remove stumps	B1
W1	Various	Partial removal of group. Fell trees to ground level, remove stumps. Phase 1: Crown lift trees within the path of the proposed pedestrian hard surface to ensure 3m clearance above current ground level for path users.	B1
1	Horn oak	Fell tree to ground level, remove stump	C1
2	Horn oak	Fell tree to ground level, remove stump	C1
3	Horn oak	Fell tree to ground level, remove stump	C1
4	Common ash	Fell tree to ground level, remove stump	C1
5	Horn oak	Fell tree to ground level, remove stump	C1
6	Spagh horn	Fell tree to ground level, remove stump	C1
7	Spagh horn	Fell tree to ground level, remove stump	C1
8	Cherry	Fell tree to ground level, remove stump	C1
9	Mountain ash	Fell tree to ground level, remove stump	C1
10	Common ash	Fell tree to ground level, remove stump	C1
11	Common ash	Fell tree to ground level, remove stump	C1
12	Common ash	Fell tree to ground level, remove stump	C1
13	Horn oak	Fell tree to ground level, remove stump	C1
14	Spagh horn	Fell tree to ground level, remove stump	C1
15	Spagh horn	Fell tree to ground level, remove stump	C1
16	Spagh horn	Fell tree to ground level, remove stump	C1
17	Spagh horn	Fell tree to ground level, remove stump	C1
18	Black elder	Phase: Crown lift tree within the path of the proposed pedestrian hard surface to ensure 3m clearance above current ground level for path users.	B1
19	Sycamore	Phase: Crown lift tree within the path of the proposed pedestrian hard surface to ensure 3m clearance above current ground level for path users.	B1
20	Sycamore	Phase: Crown lift tree within the path of the proposed pedestrian hard surface to ensure 3m clearance above current ground level for path users.	B1
21	Noway maple	Phase: Crown lift tree within the path of the proposed pedestrian hard 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 site 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 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.

Default Specification: To comprise either 2m wooden site boarding, 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 3m intervals and driven into the ground by a minimum of 600mm. On to this, standard safety mesh panels to be secured 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 posts, with panels joined together using a minimum of two anti-lamper 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 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 CROSS THIS FENCE AND PROTECTIVE MEASURES UNDER ANY CIRCUMSTANCES. ANY INFRINGEMENT OF THIS FENCE WILL BE TREATED AS A BREACH OF THE COMPANIONSHIP OF A TREE ACT 1999 AND WILL BE REPORTED TO THE LOCAL AUTHORITY.

ARBTECH

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 driven scaffold frame, or as a form a suspended walkway, or on top of a compression-resistant layer (e.g. 100mm depth of woodchip).
- b) for pedestrian-occupied areas up to a gross weight of 2t, proprietary inter-locked ground protection boards placed on top of a compression-resistant layer (e.g. 100mm depth of woodchip), laid on a geotextile membrane;
- c) for wheeled or tracked construction traffic exceeding 2 t 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

Existing vegetation may be removed with hand tools or sprayed with an approved non-residual herbicide such as Diglyphosate. 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 (Geoweb or similar) laid over a 100mm geogrid (tenax TRAK or similar). Prior to this any small hollows on the surface may be filled with clean sharp sand (not builder sand) to a maximum depth of 100mm. The Geoweb to be back filled by hand with a mixture aggregate of 20mm - 30mm. The area of Geoweb will be covered with a permeable geotextile fabric and the finished wearing course laid on top. Edge supports of 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 under direct on-site 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 wheel barrow to break up and remove the surfacing. 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 subsoil sized toothless grading bucket. If an excavator is to be used it must be situated outside of the RPAs, on top of the hard surfacing working away from the RPAs or from ground boarding. Where 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.

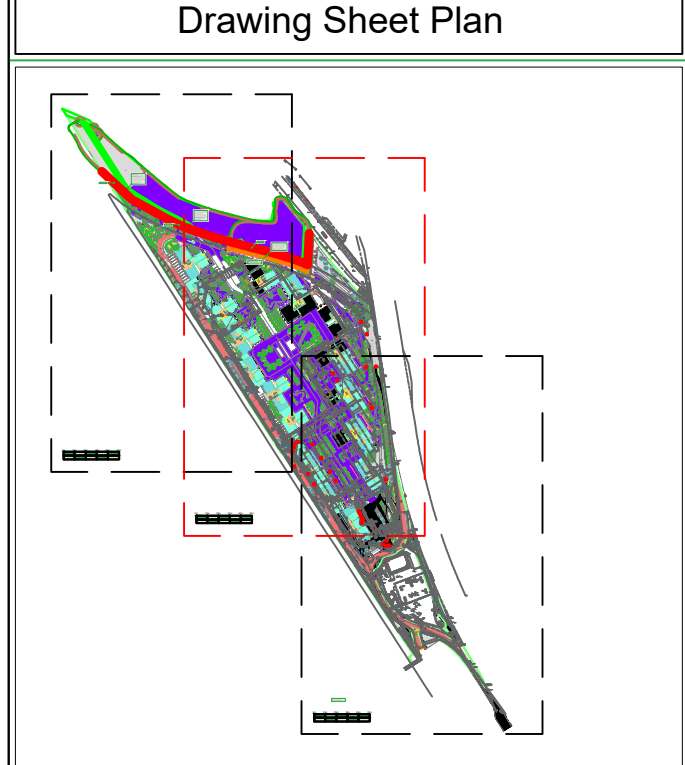
Arboricultural Supervision

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 site 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 surveyed trees and how all aspects of the development may be implemented without detriment to retained trees.



Rev. Date: Notes:

ARBTECH

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Project: Mill Hill London NW7 2ET

Client: Meadow Residential

Drawing: Tree Protection Plan Sheet 2 of 3

Based on: P1-PLANNING-A01-00-03

Drawing No: Arbtech TPP 03 Rev: --

Date: Feb 2019 Scale: 1:150 @ A0 Drawn: JCH

Key:	21	Trunk	Trunk
Tree No.	21	Trunk	Trunk
Category	C1	Existing Feature	Existing Feature
Tree to be removed	1	Protective fencing	Ground boarding
Hard surfacing removal	No Dig hard surfacing	No Dig hard surfacing	No Dig hard surfacing

Ground protection: The No Dig surfacing, eg Geoweb™, should be installed prior to the commencement of site activity as it is ground protection within the RPAs of retained trees to group W1. It is to be installed to not be installed until later in the program of works. Temporary ground boarding will be installed in the event.

Protective fencing:

Ground protection: The existing hard surface will be retained to act as ground protection within the RPAs of retained trees within the group W1 and G4 for the duration of the development. Where removed the ground cover and any additional supervision and replaced with temporary ground boarding.

Arboricultural supervision: Hard surfacing removal within the RPAs of trees of groups W1 & G4.

