

Protective Hoarding

To be erected prior to the commencement of all works on site, and retained in place throughout construction. To comprise of 2.4m wooden site hoarding constructed upon a timber frame work situated around the outside of the planting pit. Where the timber frame is constructed around the tree trunk a minimum of 4 layers of clean dry hessian is to be wrapped around the trunk to protect the bark. All weather notices should be erected at regular intervals on the weld mesh panels with words such as "Construction exclusion zone - Keep out".

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 boarding

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-resisiatnt 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.

Tree Work Schedule

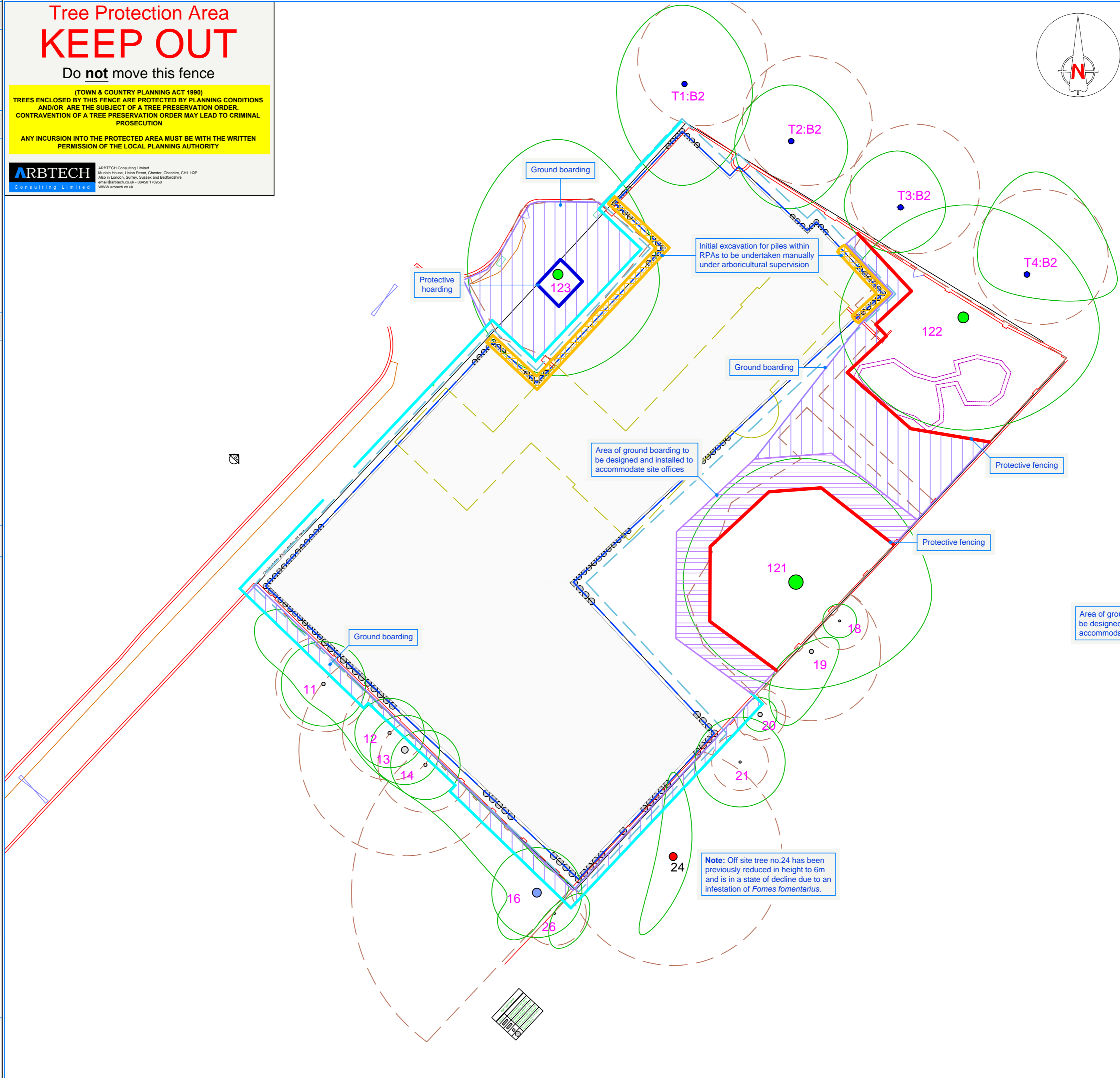
No.	Species	Works	Category
T1	London plane	Crown reduce S canopy to 3m from trunk	B ₁
T2	London plane	Crown reduce SW canopy to 3.7m from trunk	B ₁
5	Ash	Fell to ground level; remove stump	C ₁
6	Ash	Fell to ground level; remove stump	C ₁
7	Fig	Fell to ground level; remove stump	C ₁
8	Tree of Heaven	Fell to ground level; remove stump	C ₁
9	False acacia	Fell to ground level; remove stump	C ₁
10	Ash	Fell to ground level; remove stump	C ₁
11	Magnolia	Crown reduce NE canopy to 0.85m from trunk	C ₁
12	Leyland cypress	Crown reduce NE canopy to 0.6m from trunk	C ₁₂
13	Bay tree	Crown reduce NE canopy to 0.75m from trunk	C ₁₂
14	Leyland cypress	Crown reduce NE canopy to 0.45m from trunk	C ₁₂
15	Ash	Fell to ground level; grind out stump	C ₁
16	Weeping willow	Crown reduce NE canopy to 2.2m from trunk	B ₁
17	Mulberry	Fell to ground level; remove stump	C ₁
21	Holm oak	Crown reduce NW canopy to 2m from trunk	C ₁
22	Bamboo	Fell to ground level; grind out stump	C ₁
23	Bamboo	Fell to ground level; grind out stump	C ₁
24	Common lime	Crown reduce N canopy to 5.2m from trunk	U
25	Himalayan Tree-cotoneaster	Fell to ground level; grind out stump	C ₁
26	Table dogwood	Crown reduce NE canopy to 1.3m from trunk	C ₁
122	London plane	Crown reduce W canopy to 6.35m from trunk	C ₁
123	London plane	Crown reduce canopy NW 7.2m, E 5.9m, SE 4.4m, S 6.4m, SW 7.3m from trunk	C ₁
G1	Various	Fell to ground level; remove stumps	C ₁₂
Radlett place	Various	Crown lift canopies to 5m above road surface	

All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree work - Recommendations.
All arisings 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 por 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

(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



Manual Excavation

Excavation within the RPAs will be initially undertaken by hand under direct on-site arboricultural supervision to a minimum of 750mm deep of any excavation, whether for proposed foundations, hard surfacing or underground services. The soil is to be loosened with the use of a fork or pick and then cleared with the aid of an air-spade and air-vac. All roots to be cut will be cleanly severed with the use of a hand saw or secateurs. The edge of the excavation closest to the retained trees will be covered over with damp hessian to prevent drying out, and where necessary be shuttered to prevent soil collapse or contamination by concrete. If appropriate soil beneath the depth 750mm may be sheet piled, regular piled or individual piles. Any deeper excavations may be undertaken by a machine provided it works form outside of the RPA or has appropriate ground protection in place to move and work upon.

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 existing boundary walls.
4. Manual excavation of pile foundations within RPAs of tree nos.122 & 123.
5. Any excavations within or adjacent to RPAs, including foundations, hard surfacing or underground services.
6. 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 the development maybe implemented without determent to retained trees.



Project:
1 Radlett Place,
London,
NW8 6BT.

Client:
Radlett Holdings Limited

Drawing:
Tree Protection Plan

Based on:
(700)020_P08 Basement(1)

Drawing No:
ATC TPP 01

Rev:
A

Date:
July 2012

Scale:
1:250 @ A2

Drawn:
MGM

Key:

Tree Nos.:	123	Tree Canopies:		Trunks:	
RPAs:		Category 'U' trees:		Category 'A' trees:	
Category 'B' trees:		Category 'C' trees:		Protective fencing:	
Protective hoarding:		Ground boarding:		Manual excavation:	
Piling 800mm offset line:		Line of hoarding:		Centre piling line:	

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 designs 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, hard surfacing or underground services.
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