

Tree Protection Plan

The 350mm deep slab has resulted in the following RPA Incursions:

Lime G7.1 - 0%
Lime G7.2 - 4.29m of 104m² = 4%
Lime G7.3 - 15.46m of 152m² = 10%

The 250mm deep excavations for the scalplings resulted in the following RPA Incursions:

Lime G7.1 - 0%
Lime G7.2 - 0%
Lime G7.3 - 4.7m of 152m² = 3%



Service trench to about 400mm deep

Ground protection needed here

The combined excavations to (a) lay the concrete slab and (b) provide foundations (scalplings) for the new patio has resulted in the following RPA incursions:

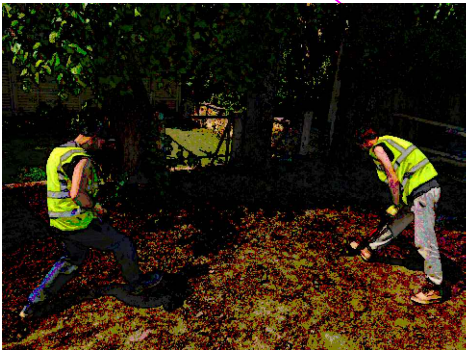
Lime G7.1 - 0% Lime G7.2 - 4% Lime G7.3 - 13%

Limes have a moderate-to-good tolerance of root pruning (Matheny & Clark 1998) and these trees appear healthy and vigorous and so will tolerate this level of root disruption. However, to mitigate the loss of roots (to re-balance the root:shoot ratio), it is proposed to reduce the crowns of the trees back to their most recent pruning points (with the consent of the Council). The trees are lapsed pollards that have been managed by pruning, and so this should be acceptable.

Moving forward, the new retaining wall (to the west of the Lime trees) will consist of 2-3 concrete posts bedded into ground (between the trees' stems) with concrete panels set between them (i.e. apart from the hand-dug excavations for the new posts, there will be no excavations to create a new boundary. The existing wall will be demolished by hand.

To demonstrate the positive approach taken to resolve this matter, a chronological list of events is outlined below:

- 15th May 2020 - Agent notified by the Council that there has been a breach of planning consent.
- 15th May 2020 - Agent stopped all works near trees, erects protective fencing and arranges site visit by arboricultural consultant.
- 19th May 2020 - Arboricultural Consultant visits site and advises that area restricted by fencing should be de-compacted using long-tined forks and that ground protection needs to be laid.
- 20th May 2020 - Contractors de-compact soil
- 22nd May 2020 - Contractors lay wooden ply boards (ground protection), but without compressible layer.
- 29th May 2020 - Contractors lay woodchip beneath the wooden ply boards. Tree Protection now fully complied with.
- 1st June 2020 - Report of findings and mitigation measures submitted to the Council - with an offer to discuss options and (if necessary) meet on-site to discuss.



Plan Legend

- Tree/s to be retained
- Tree/s to be removed

Centre colours

- Category A Tree
- Category B Tree
- Category C Tree
- Category U Tree

Groups are shown as polygons using the above colours to represent quality

Root Protection Area (RPA)
If amended, the original is a dotted blue circle

Protective fencing

CEZ
Construction & storage exclusion zone

Ground protection

RPA Incursion
(concrete slab)

RPA Incursion
(excavations and scalplings)

Scale: 1:100 @ A3
0 2m 4m

Site Address: 14 Prince Arthur Road
Hampstead, London, NW3 6AU

Client: MWA Architects
Drawing No: TH/A3/2373/TPP

Job Ref: TH 2373 Date: 23/05/2020

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