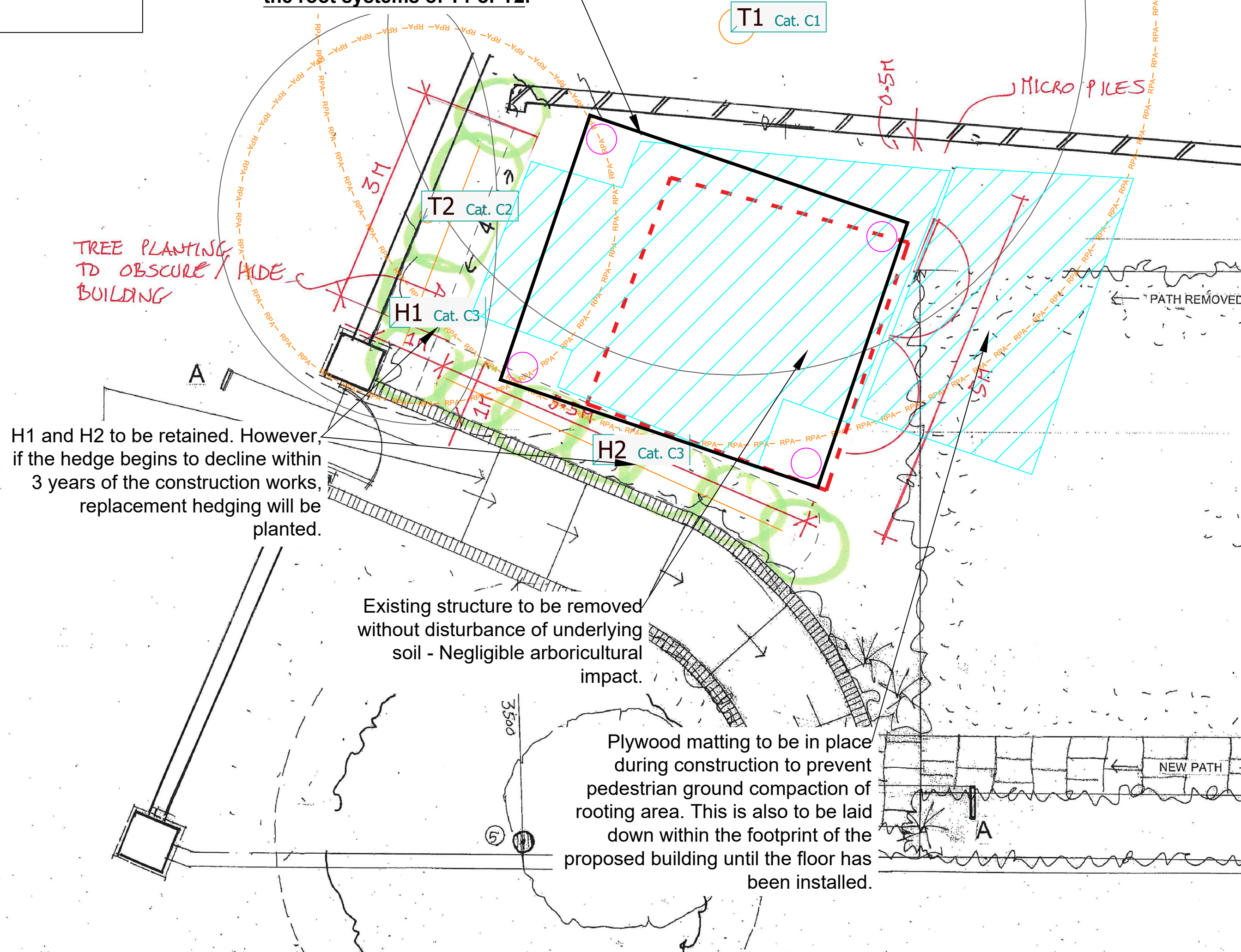


Method Statement for Pile Foundations.

1. The base area is prepared by the customer, the area should be clear and levelled to within 200mm.
2. The base team will mark out the proposed location of the building and agree this with the customer on site. If planning is approved the location will be as it is on the approved block plan.
3. Holes to create our pile system are dug every corner of 1m squared. These are dug by hand to a depth between 400 and 600mm however this depth is dependent on the subsoil and geology.
4. The holes are filled with poured concrete mix. If there are tree roots present these holes can be lined with a plastic waterproof membrane. This is a quick drying concrete mix which goes off very rapidly-within 1 hour.
5. The base construction is as per fig 1. Below. The base team is made up of up to 4 team members, all of the work is carried out by hand and there is no need for any machinery to be on site for the process.

New structure to be based on hand dug sleeved micro piles, with a raised floor (see 'Method Statement for Pile Foundations'). **This will not result in any notable impact on the root systems of T1 or T2.**



H1 and H2 to be retained. However, if the hedge begins to decline within 3 years of the construction works, replacement hedging will be planted.

Existing structure to be removed without disturbance of underlying soil - Negligible arboricultural impact.

Plywood matting to be in place during construction to prevent pedestrian ground compaction of rooting area. This is also to be laid down within the footprint of the proposed building until the floor has been installed.

Use of This Document

This document should be viewed in conjunction with the relevant arboricultural impact assessment and/or tree survey schedule.

Tree Categorisation & Numbering

The method used for categorising the trees can be seen in Appendix 1 of the Tree Survey/Arboricultural Impact Assessment. The categorisation method used is an improved variation of the method suggested in BS 5837:2012.

BS 5837:2012 recommends that better quality trees (Cat. A & B) are retained where possible. Trees in land adjacent to the site are considered where they may be impacted by development.

The trees considered significant within the context of the development are numbered and assigned a prefix of 'T' or 'G' to describe whether they are an individual or a group, and 'S' or 'H' for a shrub or hedge. Using this identification number, further information for each tree/group can be found within the survey schedule.

Cat. A	Category A: High or exceptional arboricultural, landscape or ecological value. (Worthy of being a material constraint.)	Cat. B	Category B: Moderate arboricultural, landscape or ecological value. (Worthy of being a material constraint.)
Cat. C	Category C: Low quality or small in size. (Not worthy of being a material constraint.)	Cat. U	Category U: Such poor quality or condition that renders it unsuitable for retention. (Not worthy of being a material constraint.)

Root Protection Areas

In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPA's) should be plotted around each of the category A, B and C trees. This is a notional depiction of the minimum rooting area in m² which should be left undisturbed around each tree. The RPA is calculated using the *British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'*, unless otherwise stated within the survey schedule.

Where there appears to be restrictions to root growth the root protection area is reshaped to more accurately reflect the likely distribution of the roots.

Root Protection Area (RPA)	The notional area around each tree which should be left undisturbed during the development of the site	RPA Incursion	Anticipated incursion into the root protection area of a proposed tree which may result in root disturbance.
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Further Object Key

Tree Stem	Diameter of stem at ~1.5m	Tree Removal	Trees designated for removal will comprise of a dashed canopy outline
Site Boundary	Extent of site boundary (illustrative only)	Buildings/Surfacing to be Removed	Buildings or surfacing to be removed will generally be depicted with a dashed red line



Project:	72 Fitzjohn's Avenue		
Client:	Ronny Feireisen		
Drawing:	Tree Protection Plan		
Drawing Ref:	P2220-ASP02	Rev:	V1
Date:	14/03/2023		
Scale:	1:50 - A2	Drawn By:	B. Hallinan

Proposed Site Plan

All dimensions should be checked on site. No dimensions to be scaled from this drawing. Please notify us of any discrepancies found. Ligna Consultancy 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.

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. This drawing was produced in colour - a monochrome copy should not be relied upon.

archplan

Date:	Feb 2009	Scale:	1:50	Project:	72 Fitzjohns Avenue London NW3
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