

***SPACEWISE DESIGN & BUILD LTD.***

**ARBORICULTURAL METHOD STATEMENT**

**PROJECT: *41 HOWITT ROAD***

**COPY HOLDER – PROJECT LEADER / CLIENT \***

**PLAN PREPARED / AUTHORISED BY – Jimmy Shahini**

**Updated: Jimmy Shahini**

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### 1. STATUS REGISTER / AMENDMENT RECORDS / REVIEW

AMENDMEN T NUMBER	REFERENCE SECTION N <sup>o</sup>	SUBJECT / AMENDMENT DETAILS	DATE ISSUED	ISSUED BY
01	N/A	DRAFT	20.09.2023	JS

## 2. INTRODUCTION

### 2.1 Background

2.1.1 2 No. Full planning applications have been submitted to the London Borough of Camden Council for residential alterations. With Planning reference: 2014/5939/P & 2022/5453/P respectively.

2.1.2 Landmark Trees has prepared an impact assessment and tree protection details as part of the application:

- Landmark Trees reference: YGM/41HWT/AIA/01

### 2.2 Arboricultural Report Recommendations

2.2.1 Current tree works recommendations are found in Appendix 2 of the Landmark Trees Arboricultural Report. The recommended removal of the street tree T4, on the grounds of sound husbandry, should be referred to the London Borough of Camden.

2.2.2 Excavation and construction impacts within the RPA's of trees identified in Landmark Trees Arboricultural Report - Table 1, will need to be controlled by method statements specifying mitigation methods and by consultant supervision as necessary. These method statements can be provided as part of the discharge of conditions.

### 2.3 Instruction and scope

2.3.1 I am instructed by James Youngman to prepare relevant arboricultural information to address point 2.2.2 above.

## 3. ARBORICULTURAL METHOD STATEMENT (AMS)

### 3.1 Description of task

Note: As defined from the Landmark Trees Arboricultural report, the impacts identified in Table 1 describe the tasks (drawing upon survey data presented in Appendix 1).

Table 1: Arboricultural Impact Assessment

(Impacts assessed prior to mitigation and rated with reference to From Matheny & Clark (19

Ref: YGM/41HWT/AIA

B.S. Cat.	Tree No.	Species	Impact	Tree / RPA Affected	Age	Growth Vitality	Species Tolerance	Impact on Tree Rating	Impact on Site Rating	Mitigation
B	1	Ash, Common	Removal of existing hard landscaping Basement & stairs within RPA (4.4 m2)	5.5 m <sup>2</sup> 3.74 %	Mature	Normal	Moderate	Positive/ Low	N/A	Manual removal of hard landscaping; replacement with porous surfaces/lawn Root colonisation likely to be negligible in basement stair area
C	2	Cotoneaster	Removal of hard landscaping and replacement with lawn/planting	m <sup>2</sup> N/A %	Early Mature	Moderate	Moderate	Positive	N/A	Manual removal - positive benefits of new lawn/porous areas.
B	3	Plum, Purple	Removal of hard landscaping and replacement with lawn/planting	m <sup>2</sup> N/A %	Semi-mature	Normal	Moderate	Positive	N/A	Manual removal - height difference/boundary fencing will limit impact/benefits of development
U	4	Cherry, Sargents	New lightwell construction within RPA Recommendation to fell for sound husbandry	1.9 m <sup>2</sup> 3.07 %	Mature	Moderate	Moderate	N/A	N/A	Street tree separated from development site by boundary wall/paving; Category U tree therefore not rated as an impact.

- 3.1.1 All contractors must be made aware of the content and the requirements of this AMS and must agree to conform before starting work.
- 3.1.2 The requirements of the AMS must be implemented in full in order to enable suitable compliance with the planning permission.

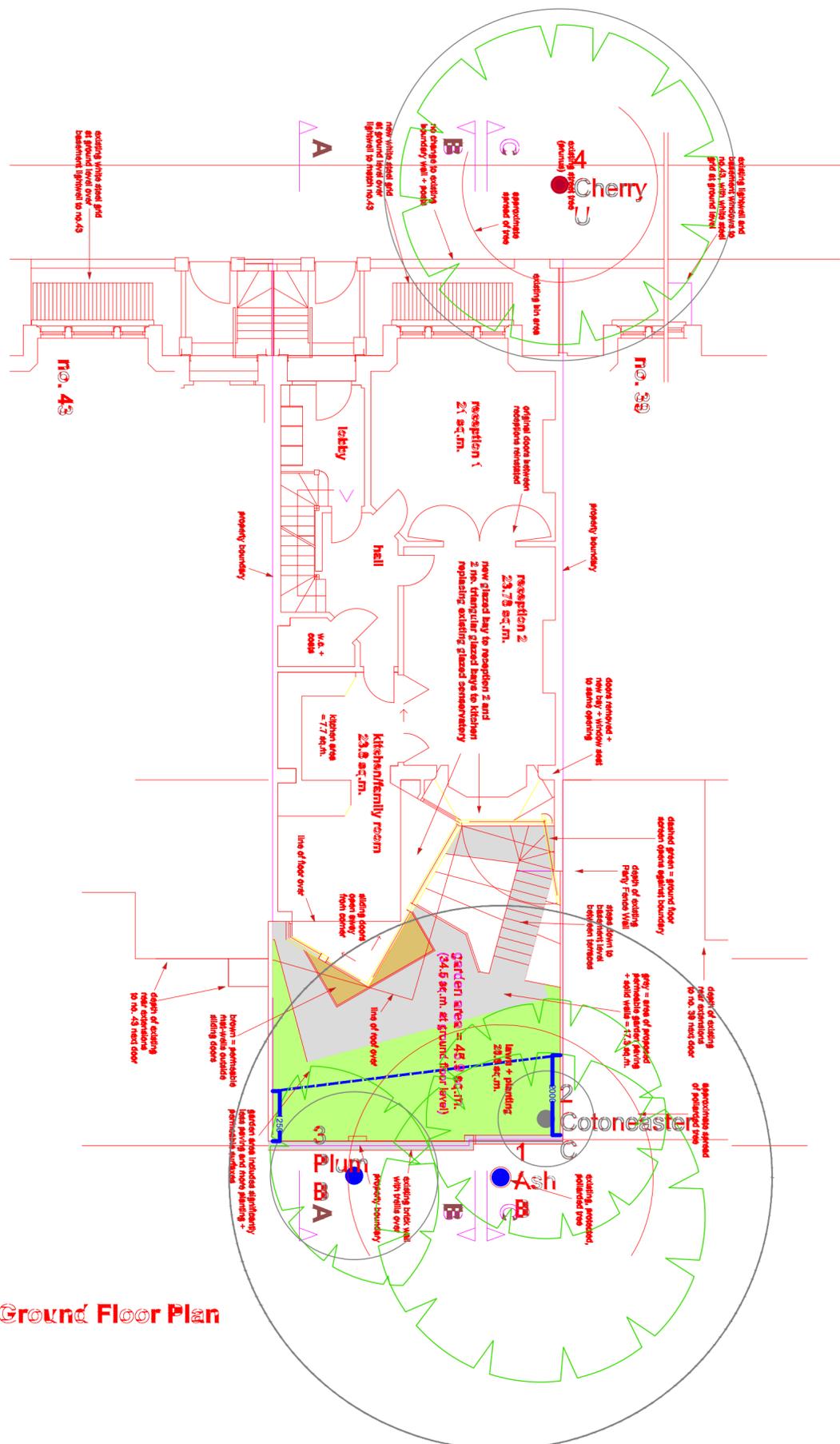
**3.2 Arboricultural Method Statement**

- 3.2.1 Refer to the Tree Protection Plan at Appendix 1 (detail below).
- 3.2.2 Ensure that other site operations (for example removal of road surface adjacent to other nearby trees) is sequenced so that vehicle access for removal of arisings and import of topsoil is always on the existing hard surfacing.
- 3.2.3 As a precautionary measure, the limits of excavation within Root Protection Area will be undertaken manually; any roots encountered will be cleanly pruned back to an appropriate junction with a sharp pruning saw or secateurs back to a junction. Roots larger than 25mm diameter may only be cut in consultation with an arboriculturalist
- 3.2.4 Nuisance deposition can be mitigated with regular crown cleaning and filtration traps on any guttering.
- 3.2.5 The position of the Tree Protection Barrier (TPB) is shown in Appendix 1. The TPB should be erected prior to commencement of works, remain in its original form on-site for the duration of works and removed only upon full completion of works. It is important that all TPBs have permanent, weatherproof notices denying access to the Root Protection Area.
- 3.2.6 Any pruning works must be in accordance with British Standard 3998:2010 Tree work [BS3998].
- 3.2.7 The arboricultural method statement is set out in the table overleaf:

Sequence of site operations and Tree Protection Monitoring			
Work stage	Task	Description	Tree Protection Monitoring
1	Initial tree works	Felling, stump grinding and pruning for working clearances	Photograph and record the existing trees in situ prior to works commencing. All works must be carried out by a competent arborist in accordance with BS3998.
2	Tree protection barriers	Construct in locations and to specifications shown on the Tree Protection Plan.	Email photographs of tree protection in-situ to Camden Council planning department for inclusion on the planning file.
3	Removal of existing hard surfacing	<p>Hard surfacing can be dismantled using a mechanical excavator BUT a banksman must be present at all times to check for the presence of roots.</p> <p>Work from on top of the existing road surface at all times. Note that Work Stages 2 and 3 must be combined to enable replacement topsoil to be brought to the work area using the existing road surface.</p> <p>Carefully pull out the kerbs closest to the tree. Then lift off tarmac and the sub-base beneath.</p>	Email photographs works in process in relation to tree protection to Camden Council planning department for inclusion on the planning file

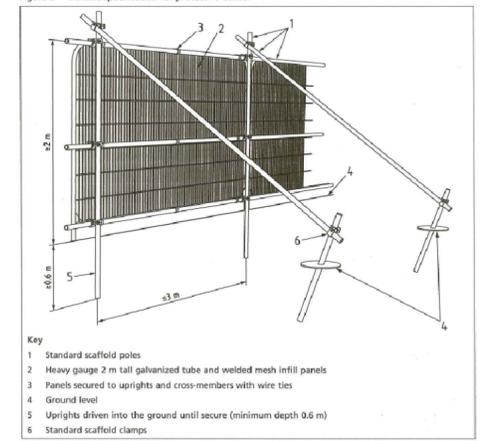
		<p>If tree roots are encountered that are greater than 20mm diameter and with potential to be broken, stop mechanical excavation and continue to dismantle the structure by hand only.</p> <p>Where roots are exposed and retained, they must be covered with hessian cloth to prevent them from drying out.</p> <p>If any roots are accidentally damaged during the process, photograph the nature and extent of the damage and then prune back any torn ends using a sharp tool (such as secateurs/pruning saw) removing as little as possible and leaving a neat cut that is as small as possible.</p> <p>Remove all arisings from site.</p> <p>Backfill with topsoil as described at Work Stage 3.</p> <p>Repeat.</p>	
4	Install underground services		Photograph and record the services locations prior to closing up any trenches.
5	Backfill excavated area and establish new lawn/planting surface	<p>If possible, use topsoil that has been graded off and separated as part of ground work operations elsewhere on the site – note this soil must not be a mix of top and sub soil. If unavailable, use topsoil to conform to BS 3882:2015.</p> <p>Fill the void with topsoil to the required level and level off to leave the finished level proud of the surrounding area to enable natural settlement. Do not compact the area.</p> <p>Repeat Work Stage 2.</p> <p>On completion, adjust tree protection barriers to cover entire area of imported topsoil as this is now Root Protection Area.</p>	Email photographs works in process in relation to tree protection to Camden Council planning department for inclusion on the planning file
6	Install ground protection		
7	Remove tree protection barriers	Barriers must not be removed until completion of all other construction works on site	Provide Camden Council with five working days' written notice that the barriers are to be removed
8	Final landscaping	<p>Manually weed the area.</p> <p>Apply grass seed and provide aftercare in accordance with the Landscaping Scheme.</p> <p>Keep area fenced off until grass is</p>	<p>Email photographs of completed works to Camden Council planning department for inclusion on the planning file.</p> <p>Provide suitable evidence to Camden Council planning department to demonstrate compliance with grass establishment maintenance requirements.</p>

## **APPENDIX 1:**



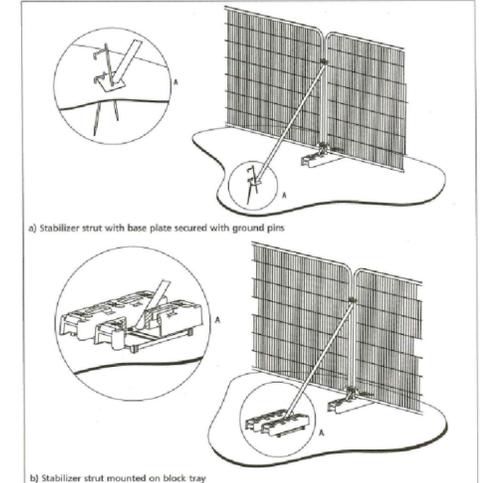
Ground Floor Plan

Figure 2 Default specification for protective barrier



BRITISH STANDARD BS 5837:2012

Figure 3 Examples of above-ground stabilizing systems



**NOTE:**  
 This survey is of a preliminary nature. The trees were inspected from the ground only on the basis of the Visual Tree Assessment method. No samples were taken for analysis. No decay detection equipment was employed. The survey does not cover the arrangements that may be required in connection with the laying or removal of underground services.  
 Branch spread in metres is taken at the four cardinal points to derive an accurate representation of the crown.  
 Root Protection Areas (RPA) are derived from stem diameter measured at 1.5 m above adjacent ground level (taken on sloping ground on the upslope side of the tree base).

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 Drawing Title: Arboricultural Impact Assessment Plan April 2014

**Key:**

- Temporary Fencing (BS 5837:2012)
- Category A High Quality
- Category B Moderate Quality
- Category C Low Quality
- Category U Trees Unsuitable for Retention

**Tree Position Approximate (not shown on original survey)**