1 Wildwood Terrace, Golders Green

Arboricultural Impact Assessment and Method Statement

October 2019

Client	Mr and Mrs Cohen
Job name	1 Wildwood Terrace
Report title	Arboricultural Impact Assessment and Method Statement
File reference	19-932-Report

	Name	**Position**	**Date**
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Report Contents

1 Introduction

1.1 Site Description

1 Wildwood Terrace, Golders Green (the ''site'') is situated approximately three quarters of a mile southeast of the centre of Golders Green, London. The site is suburban in nature and currently comprises a single, end of terrace dwelling with a modest walled garden. There are no trees within the rear garden of the site, however there is one tree growing at the end of Wildwood Grove that overhangs the site.

1.2 Proposed Works

The construction of a rear extension is proposed. Works that are likely to affect the retained tree includes the storage of materials.

1.3 Aims of Study

To inform a planning application, Canopy Consultancy has been commissioned by Mr and Mrs Cohen to undertake a tree survey of the site, in accordance with British Standard (BS) 5837:2012 "Trees in Relation to Design, Demolition and Construction - Recommendations".

The aim of this report is to present the results of the survey, including a Tree Survey Schedule (TSS), an Arboricultural Implications Assessment (AIA), and an Arboricultural Method Statement (AMS). A Tree Protection Plan (TPP) has also been produced and accompanies this report as a separate drawing.

This report in no way constitutes a health and safety survey report. Where concerns for tree health and safety exist, the necessary and appropriate tree inspections should be carried out.

2 Methodology

The trees were inspected from ground level by consultant arboriculturist Neil Taylor on 21st October 2019 and measurements taken in accordance with the recommendations set out in the BS 5837:2012. Canopy spreads were measured and plotted to the four compass points. Where direct access was not possible measurements have been estimated. The surveyed trees are colour coded on the accompanying tree survey drawing according to their relevant BS category.

The tree data collected is used to enable the current canopy spread of the surveyed trees and the Root Protection Area (RPA) to be plotted on the accompanying TPP. The RPA is defined by the formula in paragraph 4.6 from the BS 5837:2012 and may be refined by taking into account current on-site constraints to root activity such as buildings, earthworks and hard paving. This forms part of the design process for the proposed development.

3 Assessment

3.1 The Tree

The subject tree is a mature goat willow growing at the end of Wildwood Grove. The ownership of the tree is unclear. The tree is in a good condition although its amenity value is restricted to the immediate area due to its size. The boundary wall that surrounds the rear garden of the site is likely to have prevented any roots from the tree encroaching into the site.

4 Arboricultural Implications Assessment (AIA)

4.1 Methodology

The AIA uses the information obtained in the tree survey to identify areas where the proposed construction may be at odds with accepted standards, in terms of a tree's requirements for space in which to maintain existing roots and shoots, and space for future growth.

The quality and relative importance of each tree is illustrated as a coloured polygon. The colour used relates to the BS categories as follows: A - green, B - blue, C - grey and R - red (see accompanying drawing reference 19-932-TPP. In general the design process will try to retain A and B category trees. Proposed construction will therefore normally be excluded from the RPA of A and B category trees. Red trees are discounted as they are recommended for removal.

Details of the trees surveyed are given in the TSS (Appendix 1). The juxtaposition of the proposed development in relation to existing tree locations are shown on the accompanying TPP drawing, reference 19-932-TPP.

The AIA considers existing site conditions and the effect that they may have on the development of the surveyed trees root systems. Hard structures such as building and paved roads and paths can influence the root activity of trees by reducing the availability of both moisture and nutrients.

4.2 Assessment

Refer to the accompanying TPP, drawing, reference 19-932-TPP, for the relationship between the proposed development and the trees on and adjacent to the site.

- No trees will be removed to enable the proposed development.

- There will be no demolition or construction within the RPA of a retained tree. The boundary wall is likely to have prevented any roots from the tree encroaching into the rear garden of the site.

- The following tree will require pruning prior to the construction of the proposed extension:

  T1 reduce overhanging laterals back to boundary.

5 Arboricultural Method Statement (AMS)

5.1 Methodology

The AMS provides the means by which retained trees and hedges can be protected throughout the development.

The movement of demolition and construction machinery in close proximity to trees may cause compaction of the soil which affects the tree's ability to absorb moisture and nutrients. The RPAs of retained trees will be protected by a tree protection barrier as described in paragraph 5.5 below and shown on the accompanying TPP, drawing number 19-932-TPP.

5.2 Demolition within the RPA of Retained Trees

There will be no demolition within the RPA of a retained tree.

5.3 Construction within the RPA of Retained Trees

There will be no construction within the RPA of a retained tree.

No materials or spoil is to be stored within the RPA of a retained tree unless on an existing hard surface.

In order to avoid damage to the retained trees the tree surgery and felling work identified in the accompanying tree survey schedule will be carried out prior to the occupation of the site by the building contractor. The work will be carried out in accordance with BS 3998:2010.

5.4 Services

It is understood that no new services will be required.

5.5 Tree Protection

Due to the presence of the boundary wall, no tree protection measures are considered necessary.

6 Conclusion

Canopy Consultancy was commissioned by Mr and Mrs Cohen to carry out a tree survey at 1 Wildwood Terrace, Golders Green. The results of the survey indicate that the tree within the survey area is in a good condition but has limited amenity value in the context of the wider area.

No trees will be removed to enable the proposed extension.

Due to the presence of the boundary wall, no tree protection measures are considered necessary.

Overall, there are no known overriding arboricultural constraints which would prevent the proposed development from going ahead, subject to the protection measures and construction methodologies specified within this report being correctly implemented.

7 Appendices

Appendix 1: Tree Survey Schedule

Project:	1 Wildwood Terrace, Golders Green							BS 5837 2012 Trees in relation to design, demolition and construction- recommendations			Surveyed by	NAT	CANOPYCONSULTANCY		
Ref:	19-932-TSS										Weather	Overcast			
Date:	21.10.19										Tagged	No			
Client:	Mr and Mrs Cohen														
				Canopy Spread											
Tree No.	Species	Height (m)	DBH (mm)	N	E	S	W	Stems	Height of crown clearance	Age class	Physiological condition problems/comments	Structural condition	Preliminary management recommendations	Estimated remaining contribution years	BS category
T1	goat willow (Salix caprea)	5	421	4	3	5	5	3	2.5	M	Good - off site. Previously reduced	Good	None	10-20	C1