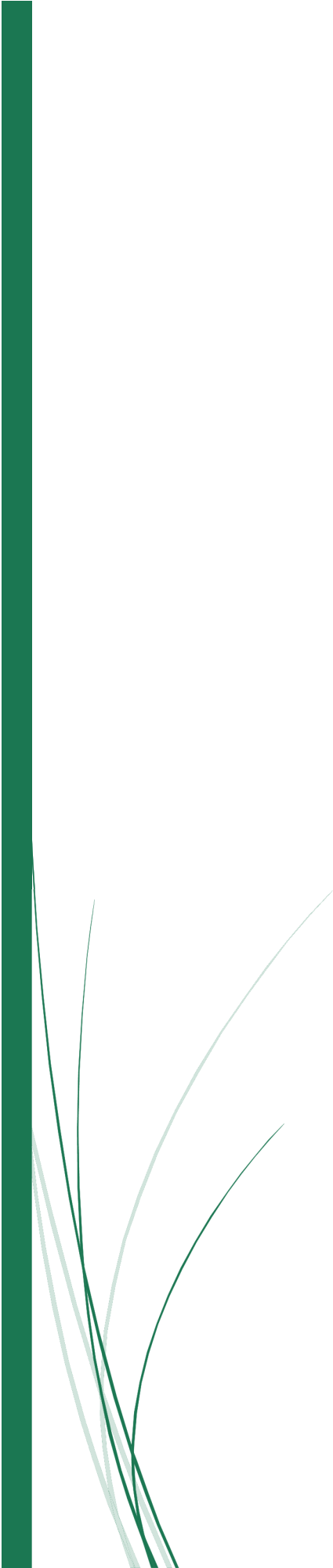




27 Queens Road, Littlestone, Kent

Arboricultural Impact Assessment and
Method Statement

Revision A

A Report for P J Brazier & Co Ltd

November 2020



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27 Queens Road, Littlestone, Kent

Arboricultural Impact Assessment and Method Statement

November 2020

Controlled Copy

01 of 02

01 P J Brazier & Co Ltd

02 Greenspace Ecological Solutions Ltd

This report was written by Neil Taylor and proofed by Paul White ACIEEM

*The content of this report is the responsibility of Greenspace Ecological Solutions Ltd.
It should be noted that whilst every effort has been made to meet the client's requirements, no site survey can ensure complete assessment or prediction of the changeable onsite environment. Furthermore, should more than 24 months elapse between the date of this survey and any subsequent development, it may be necessary to consider the need for an update survey to be undertaken.*

Report Number J20985_P2_Arb_A

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Tree Protection Plan J20985_P2_Arb_TPP

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1 PROJECT OVERVIEW

Client: P J Brazier & Co Ltd

Site Address: 27 Queens Road, Littlestone, Kent TN28 8LS

Attending Surveyors: Neil Taylor

Survey Date: 19th October 2020

Site Proposals: Construction of a single residential dwelling with associated landscaping and parking.

Associated Planning Reference Number: Not yet submitted

Source of Relevant Documents:

Document:	Source:
Site Location Plan:	Google Earth Pro
Site Plans:	P J Brazier & Co Ltd

2 INTRODUCTION

2.1 Context

- 2.1.1 To inform a planning application, Greenspace Ecological Solutions (GES) has been commissioned by P J Brazier & Co Ltd to undertake a tree survey at 27 Queens Road, Littlestone, Kent ("The Site"), in accordance with British Standard (BS) 5837:2012 "Trees in Relation to Design, Demolition and Construction - Recommendations". The proposals include the construction of a single residential dwelling with the associated parking and garden.
- 2.1.2 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.
- 2.1.3 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.

2.2 Site Location

- 2.2.1 The Site is located within the centre of the village of Littlestone, approximately 1km west of the centre of the town of New Romney, Kent at central Ordinance Survey (OS) grid reference: TR 074 246. The location of the Site is depicted in Image 1.

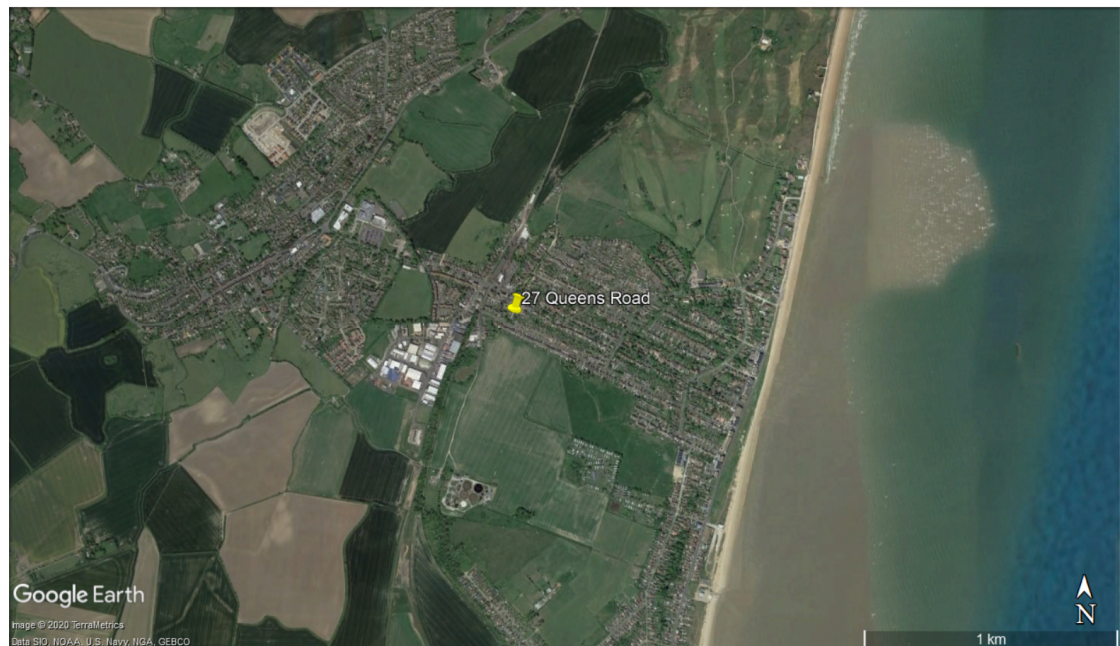


Image 1 – 27 Queens Road

2.3 Site Description

- 2.3.1 The Site occupies approximately 0.05 hectares (ha) and comprises unmanaged grassland and scrub.
- 2.3.2 The Site is bound by Queens Road to the south and neighbouring residential properties to the north, east and west. The English Channel is located 1km east of the Site.
- 2.3.3 The wider landscape comprises the village of Littlestone, with agricultural land beyond and to the north Littlestone golf course.

3 SURVEY METHODOLOGY

- 3.1 The trees were inspected from ground-level by consultant arboriculturist Neil Taylor on 19th October 2020 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.
- 3.2 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.

4 ASSESSMENT

4.1 Tree Character Groups

4.1.1 The detailed results of the tree survey are provided in the TSS, in Appendix A. In summary, the trees on the Site vary considerably in terms of condition and the amenity value that they provide to the wider landscape. The trees can be divided into two distinct character groups as follows:

1. The first character group includes the medium sized, middle aged tree found growing adjacent to the Site. The tree in this character group is in a good condition and provides significant amenity to the wider area.
2. The second character group includes the smaller, middle-aged trees found growing on and adjacent to the Site. The trees in this character group are in a reasonable physiological condition but their structural condition is fair due to the species.

5 ARBORICULTURAL IMPLICATIONS ASSESSMENT (AIA)

5.1 Methodology

- 5.1.1 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.
- 5.1.2 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: J20985_P2_Arb_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.
- 5.1.3 Details of the trees surveyed are given in the TSS (Appendix A). The juxtaposition of the proposed development in relation to existing tree locations are shown on the accompanying TPP drawing, reference: J20985_P2_Arb_TPP.
- 5.1.4 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 buildings and paved roads and paths, can influence the root activity of trees by reducing the availability of both moisture and nutrients.

5.2 Assessment

- 5.2.1 Refer to the accompanying TPP drawing, reference: J20985_P2_Arb_TPP, for the relationship between the proposed development and the trees on and adjacent to the Site.
- The following tree will be removed to enable the proposed development:
T1 – enable the construction of a driveway
There is ample space within the site frontage to replace the tree as part of a landscape scheme for the Site.
 - There will be no demolition within the RPA of a retained tree.
 - There will be no construction within the RPA of a retained tree.

6 ARBORICULTURAL METHOD STATEMENT (AMS)

6.1 Methodology

- 6.1.1 The AMS provides the means by which retained trees and hedges can be protected throughout the development.
- 6.1.2 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.
- 6.1.3 The RPA of retained trees will be protected by a tree protection barrier as described in Section 6.5 below and shown on the accompanying TPP drawing, reference: J20985_P2_Arb_TPP.

6.2 Demolition within the RPA of Retained Trees

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

6.3 Construction within the RPA of Retained Trees

- 6.3.1 There will be no construction within the RPA of a retained tree.
- 6.3.2 No materials or spoil is to be stored within the RPA of a retained tree unless on an existing hard surface.
- 6.3.3 To avoid damage to the retained trees the tree surgery and felling work identified in the accompanying TSS will be carried out prior to the occupation of the Site by the building contractor. The works will be carried out in accordance with BS 3998:2010.

6.4 Services

- 6.4.1 There will be no services within the RPA of a retained tree.

6.5 Tree Protection

- 6.5.1 No trees will be retained within the site boundary and the RPAs of the adjacent trees do not encroach into the site. A tree protection barrier is therefore not required.

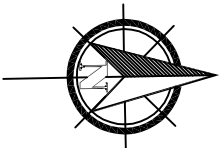
6.6 Site Monitoring and Supervision

- 6.6.1 As tree protection is not required for the Site, there is no need for site monitoring or supervision.

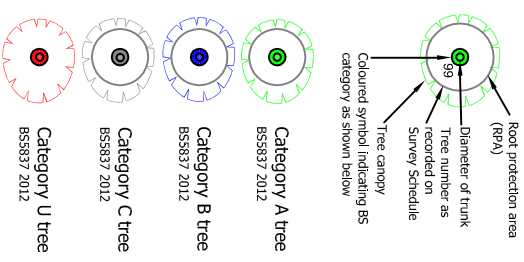
7 CONCLUSION

- 7.1 GES was commissioned by P J Brazier & Co Ltd to carry out a tree survey at 27 Queens Road, Littlestone, Kent. The results of the survey indicate that the trees within the survey area vary considerably in terms of quality and contribution to the amenity value within the local area.
- 7.2 One tree will be removed to enable the proposed development.
- 7.3 There is sufficient space within the site frontage to replace the tree as part of a landscape scheme for the site.
- 7.4 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.

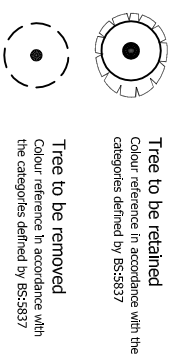
DRAWINGS



Tree Categories



Arboricultural Strategy



Drawing Reference : J20986_Arb_TPP

Project Title
27 Queen's Road, Littlestone

Drawing Title
Tree Protection Plan

Date : 04-11-20

Drawn : NT

Status : Final

APPENDICES

APPENDIX A – TREE SURVEY SCHEDULE

Project:	27 Queen's Road, Littlestone							BS 5837 2012 Trees in relation to design, demolition and construction- recommendations			Surveyed by	NAT	 Greenspace Ecological Solutions		
Ref:	J20985_P2_Arb										Weather	Clear			
Date:	19.10.20										Tagged	No			
Client:	PJ Brazier & Co. Ltd														
				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	willow (Salix sp.)	6	1006	4	5	5	5	3	1	MA	Good	Fair - former coppice, main stems growing at angle away from each other	None	10-20	C1
T2	oak (Quercus robur)	7	520	4	5	5	5	1	2	MA	Good - off site	Good	None	40+	A2
T3	goat willow (Salix caprea)	5	461	5	4	4	4	2	2	MA	Fair - die back. Off site	Good	None	10-20	C1
T4	goat willow (Salix caprea)	5	360	3	4	3	3	1	1	MA	Good -off site	Fair - partial stem failure	None	10-20	C1
T5	goat willow (Salix caprea)	5	300	4	5	3	3	1	1	MA	Good -off site	Good	None	10-20	C1