Arboricultural Consultancy **Picus Sonic Tree Testing**

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66 Sinah Lane Hayling Island

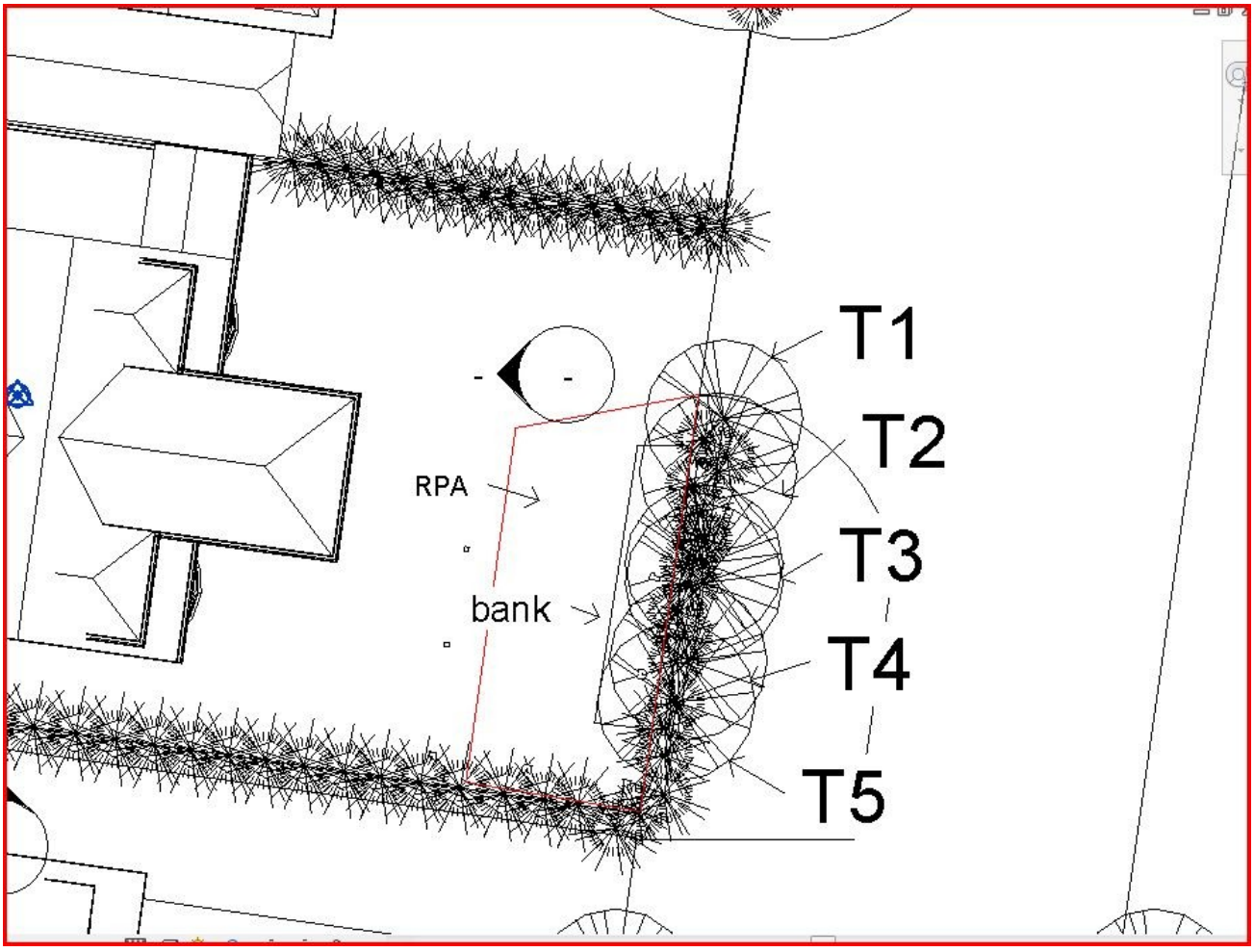
BS5837:2005 Tree Report

28/09/10

Introduction

1. I have been instructed by Gerald Haffenden to provide a BS5837:2005 Tree Survey and report with regard to proposals to build a garage adjacent to Lime trees at the frontage of 66 Sinah Lane Hayling Island.

The Site



2.The existing site details showing bank,RPA root protection area, T1 to T5 tree numbers.

Scope of Survey

3. I have assessed the trees with due regard to the recommendations and guidelines contained in BS 5837 2005 – 'Trees in Relation to Construction – Recommendations'. The tree details have been recorded in tabular form as a schedule and categorised accordingly attached.

4. No trees with a stem diameter of 150mm or under have been included as a part of this Survey. Only trees affected by this proposal are included in this report.

5. The trees were inspected from the ground utilising the Visual Tree Assessment method as developed by Mattheck and Breloer (The Body Language of Trees, DoE leaflet No.4).

Arboricultural Implementation Assessment

6. The site proposal to erect a new garage takes into consideration the arboricultural effects by maintaining the existing levels of the drive and constructing a light weight foundation raft, single skin brick walls and peers. There will be some excavation of the bank up to the boundary. This is presently a recently made up area. The excavation is to be undertaken only by hand only down to the present drive level.

7. **Arboricultural Method Statements:**

Note: The following timing and procedures will be adopted to protect all retained trees on this site:

1.1 Erect protection fencing in area detailed in along the front boundary as specified in BS5837:2005 fig2 around the RPAs. Site access will be via the existing gate.

1.2 No excavation is to be undertaken in the the tree protection area as plan other than the removal of the bank.

1.3. Machinery must not damage the trees.

1.4 There will be no material storage within the root protection areas.

1.5 There will be no burning on site.

1.6 There will be no machine work within the root protection areas and no changes of existing ground level. Utility runs will outside of the root protection areas of the development.

1.7 After completion of the extension the storage area will be cleared away taking care not to damage root protection areas.

1.8 Final landscaping will only undertaken by **hand within the root protection areas.**

1.9 completion of all works and signed off by the arborist.

Kim Gifford

Arboricultural Consultant

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3 BS5837:2005 Table

Ref/Tag No.	Species	Hgt (m)	SD (mm)	N-E-S-W (m)	Crown Clearance	Age Class	P.Cond	S.Cond	ERC	Category grading	Recommendations	Radius	RPA	Sq. Sides
T1	Lime	18	600	5544	8	M	Good	Old Previous pollard	20+	C	remove deadwood consider crown reduction over road	7.2	162.9	12.8
T2	Lime	17	300	2222	8	M	Fair	Suppressed crown	20+	C	remove deadwood consider crown reduction over road	3.6	40.7	6.4
T3	Lime	17	600	2222	8	M	Fair	Twin stemmed	20+	C	remove deadwood consider crown reduction over road	7.2	162.9	12.8
T4	Lime	18	400	5544	8	M	Good	Multi stems	20+	C	remove deadwood consider crown reduction over road	4.8	72.4	8.5
T5	Lime	18	500	5544	8	M	Good	Crossing trunks	20+	C	remove deadwood consider crown reduction over road	6.0	113.1	10.6

ARBORICULTURAL SURVEY – DEFINITIONS.

Hgt Tree Height (in metres)

SD Stem diameter at 1.5 metres above ground level (in millimetres)

N-E-S-W Branch spread taken at four compass points (in metres)

Crown clearance Height of crown clearance above adjacent ground level (in metres)

Age Class **Y** – Young **SM** – Middle Ages **M** – Mature **OM** – Over Mature **V** – Veteran

P. Cond Physiological condition **G** – Good **F** – Fair **P** – Poor **D** – Dead

S. Cond Structural condition General comment on safety of tree.

Radius Root Protection radius (m)

RPA Root Protection area (m²)

ERC Estimated remaining contribution in years.

Category grading **R** – Existing condition is such that any existing value would be lost within 10 years and therefore should be removed for reasons of sound Arboricultural management.
A – High quality and value (40 yrs+)
B – Moderate quality and value (20 yrs+)
C – Low quality and value (10 yrs+)