

Arboricultural Consultancy



Picus Sonic Tree Testing

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BS 5837:2005 Tree Survey

**At
Stubbington Barn**

**Northney Farm
St Peters Road
Hayling Island
Hampshire
PO11 0RX**

31st July 2009



Consultant Mr. Kim Gifford, 38, Seafront, Hayling Island, Hampshire PO11 9HL
07831 488 456

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Introduction

1. I have been instructed by Mr. and Mrs Pike of Northney Farm St Peters Road Hayling Island Hampshire PO11 0RX to conduct a Tree Report to BS 5837:2005 *Trees in Relation to Construction – Recommendations* and produce a Tree Constraints Plan, if necessary.

The Site

2. Proposed development of car park area and Stubbington Barn adjacent to St Peters Road. The trees in the plan below are in the field adjacent to the barn.



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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 below.
4. No trees with a stem diameter of 150mm or under have been included as a part of this Survey. Hedging Conifers and other assorted small trees and shrubs have not been included in this survey.
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).
6. **BS 5837:2005 Tree Survey Schedule.**

Ref/ Tag No.	Spec	H gt (m)	SD (mm)	N- E- S- W (m)	Crown Clearance	Age Class	P.Cond	S.Cond	ERC	Category grading	Recs	Radius	RPA	Sq. Sides
T1	Horse chestnut	16	500	4,4, 4,4	2m	M	F	G	20+	B	No ac- tion	6	113.1	10.6
T2	Horse chestnut	16	500	5,5, 5,5	2m	M	F	G	20+	B	No ac- tion	6	113.1	10.6
T3	Ash	16	300	3,3, 3,3	2m	M	P	P	20	C	No ac- tion	3.6	40.7	6.4
T4	Maple	16	300	3,3, 3,3	2m	M	P	P	20	C	No ac- tion	3.6	40.7	6.4
T5	Lime	16	500	4,4, 4,4	2m	M	F	G	20+	B	No ac- tion	6	113.1	10.6





Hgt	Tree height - in meters	SD	Stern diameter at 1.5 meters above ground level - in millimetres	N-E-S-W	Branch spread taken at four compass points - in meters	Crown clearance	Height of crown clearance above adjacent ground level - in meters
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)
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+)			RPA	Root protection area (m ²)
						ERC	Estimated remaining contribution in years

Tree Condition

7. These specimen T1 to T5 on the plan above have been grown as replacement of previously removed preserved trees. Detail of there condition is listed in the schedule above.

Presence of Statutory Protection

8. See above.

Arboricultural Impact Assessment

9. A full Arboricultural Impact Assessment would not be applicable to this property.

Effect of Development on Amenity Value

10. There is no recommendation for remedial work to this specimen. Therefore a change in amenity value would not be applicable.





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Above & Below Tree Constraints Plan.

11. The Plan and BS5837 schedule above show the calculation for the Root Protection Zones indicated in the 'HATCHED AREA' as 6m from the trunk. It is recommended that construction activities should be undertaken outside of the RPZ indicated in the above schedule. Care should be taken not to damage the crown during construction.

Careful excavation in the development area should be undertaken in accordance with methods detailed in the attached guidance.

Remedial tree works

12. Any tree works must be undertaken in accordance with BS 3998 - 'Recommendations for Tree Work' 1989 and only once the necessary procedure has been undertaken with the Local Authority.

13. Under the Wildlife and Countryside Act 1981 (Section 1) it is an offence to take damage or destroy the nest of any wild bird while that nest is in use or being built. Planning consent for a development does not provide a defence against prosecution under this act. Trees and scrub are likely to contain nesting birds between 1 March and 31 July. In order not to contravene the Wildlife and Countryside Act 1981 the timing of the tree surgery works should avoid the bird nesting season (March - May).

If you require any further information please do not hesitate to contact me.

Yours sincerely

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Arboricultural Method Statement.

Tree Works.

Any pruning will be undertaken in accordance with BS 3998:1989 – *“Recommendations for Tree Works”*.

Site Facilities.

The location for the site office and storage of materials will be located outside the tree root protection areas of any retained trees. An area for this is designated on the Tree Protection Plan.

Tree Protection – General.

All the trees and hedges to be retained will be protected in accordance with section 9.2.1 of British Standard BS 5837: *“Trees in Relation to construction – Recommendations”*. That is, **barriers will be fit for the purpose of excluding demolition and construction activity during development.** The barriers will be designed to the **rigid** and constructed to be **appropriate to the degree and proximity of work taking place around the retained trees.**

Heras fencing supported on stout posts driven into the ground will be used on this site, in the positions shown on the Tree Protection Plan.

The protection will be installed prior to any demolition and development works commencing and will be maintained throughout the building operations.

Signs will be attached to the protective fencing stating clearly that the fencing is “Tree Protection” and “Not to be moved without authorisation”.

No excavations will be undertaken within the protective fences without consultation with an Arboriculturist.

No works, including fires or storage of materials will take place within the tree protection areas.

The existing driveway surface will be retained where it runs within the recommended root protection areas of any retained trees.

The proposed pedestrian access path will be constructed by hand using a no dig construction and will not involve any compaction as part of the construction process.

Tree Protection- Demolition Phase.

The protective fencing will be installed prior to the demolition of the existing buildings on the site.



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Arboricultural Method Statement.

Tree Protection – Services.

Services, including those provided by statutory undertakers such as the electricity, water, telephone and gas suppliers that will be needed for the new development will link to the existing services on the site and will not be located within the recommended root protection area of any retained tree.

If underground cables are to be installed within the root protection area of any retained trees this will only be undertaken by hand digging, retaining, undamaged, all roots over 20mm in diameter. Such works will be supervised on site by an Arboriculturist.

Tree Protection – Landscape works.

Tree protection may be moved or removed to enable approved soft and hard landscaping works to be implemented near to trees where detailed in the approved landscaping drawings. Such works will use appropriate precautions to prevent inadvertent damage to the trees.

Tree Protection – Completion.

On completion of the development the protective fences will be removed taking care not to damage roots or the aerial parts of the trees and hedges.

A final check of the trees and hedges will be made by an Arboriculturist to schedule any repair or remedial actions that may be necessary to ensure the property is “handed over” in a safe and marketable condition.



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