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ARBORICULTURAL REPORT

FOR

73 Third Avenue,
Denvilles,
Havant,
Hampshire

~~COMPILED BY~~
ANDY BARKER
OF
A. & T. Tree Care Ltd

November 2008

TREE SURVEY

This site is bounded on two sides by the railway. There are mature and immature trees along the boundary to the north, west and south. There are three hedges (G1, G2 and G3), two to the north and one to the west.

There is one tree covered by a tree preservation order on this site (T4) Sycamore. The site is not within a conservation area (confirmed 27/11/08 by Havant Borough Council).

The Sycamore (T4) overhangs the railway and the footbridge over the railway to the north and represents a considerable risk to both. It was not possible to inspect the tree due to the amount of ivy obscuring the tree. The tree is multi-stemmed and therefore the chances of one, or more, of the stems forming a tight and weak union is high.

Because of the chance that one or more stems could fall onto the footbridge or onto the railway I recommend that the tree is taken down and replaced.

There is one cherry in the garden area which is in poor condition having been heavily pruned in the past with considerable resultant damage from breakage.

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TREE CONSTRAINTS PLAN

Root Protection Areas / Arboricultural Method Statement

As the trees on this site, which are to be retained, are on the boundary of the garden or alongside an existing road the protection measures will consist of the erection of a protective fence in accordance with Figure 2, BS 5837:2005.

This fence is to be erected along the edge of the verge adjacent to the road and to be in place after the initial tree work has been carried out and prior to any construction starting, i.e. contractor's vehicles coming onto site. The fence will be sited 3m distant from the northern boundary, 5m from the western boundary at the northern end widening to 7.5m from the same boundary at the southern end and 5m from the southern boundary. The fence is marked in blue on the site drawing.

Over and Underground services will need to take into consideration the root protection area of the retained trees.

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Arboricultural Method Statement (continued/amended) for 73 Third Avenue, Havant

The proposal to create a vehicle movement area between the garage and the new building encroaches into the Root Protection Area for the Sycamore (T4) taking up approximately 15-20% of the total area.

In order to protect these roots the following measures are to be utilised:

Hand Dig Excavation

All surface preparation work in the RPA is to be undertaken by non-mechanised digging methods, i.e. using hand tools to a depth no greater than 200mm and no roots will be cut through this process.

Cellular Confinement System

150mm, 'Cell-web' cellular confinement weight distributing system to be used for load bearing areas within the RPA and for the vehicle turning area.

The 'Cell-web' will be back filled with porous pea gravel and 'Amsterdam Soil' and the finished surface will be made of a porous material.

These root protection measures are to be in place/completed prior to any other development work taking place as constructor's vehicles and materials will use this area for access/storage.

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TREE SURVEY SCHEDULE

73 Third Avenue, Havant

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Client: Mr A. Hughes, Hughes Way Solicitors, 10 South Street, Havant. PO9 1DA
Site: 73 Third Avenue, Denvilles, Havant, Hampshire
Date of Survey: 27th November 2008
Arboriculturalist: Andy Barker, A. & T. Tree Care Ltd, 19 Lovage Road, Whiteley, Fareham PO15 7NE. Tel. 01489 557505 / 07949 830953
Tagged: No
Weather: Dry, overcast

Tree Reference Number (TPO No)	Species	Height	Stem Diameter (dbh)	Root protection radius	Height of Crown clearance	Physiological conditional	Structural condition	Preliminary Management Recommendations	Estimated Remaining Contribution In years	Category Grading
T1	Fir	1.5m	10cm	1.2m	1m	Immature	Poor	None	20 years	C1
T2	Hornbeam	9m	50cm	6m	2m	Mature	Poor Large pruning wounds and branch stubs remaining	Crown clean	20 years	C1
G1	Fir Hedge	5m	10cm	1.2m	0.5m	Immature	Poor	None	40+ years	C1
T3	Holly	4m	10cm	1.2m	1m	Immature	Sound	None	40+ years	C1
T4 (TPO No. 0868)	Sycamore	19m	100cm	12m	2m	Mature Multi-stemmed	Ivy to 5m Heavily pruned and unbalanced	Take down and replace	20 years	R
G2	Fir Hedge	4.5m	10cm	1.2m	1m	Immature	Poor	Take down and	10 years	R

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						Poor	Some dead material	replace		
T5	Ash	7m	14cm	1.68m	2m	Immature Good	Sound	None	40+ years	C1
T6	Sycamore	9m	16cm	1.92m	2m	Immature Sound	Sound	None	40+ years	C1
T7	Ash	7m	12cm	1.44m	1.5m	Immature	Good	None	40+ years	C1
T8	Fruit	4.5m	22cm	1.5m	2.64m	Middle aged	Poor	Crown clean and prune for fruit	40+ years	C1
G3	Hawthorne Hedge	12m	12cm	1.44m	1.5m	Mature	Poor	Reduce and re-establish	40+ years	C1
T9	Fruit	5m	18cm	1.8m	1m	Middle aged	Fair	None	40+ years	C1
T10	Lilac	5m	25cm@ ground	2.5m	1.5m	Mature Overgrown	Poor	Reduce	20 years	C1
T11	Sycamore	10m	40cm	4.8m	1.5m	Immature Multi-stemmed	Fair	None	40+ years	C1
T12	Lilac	4m	20cm@ ground	2.4m	1m	Mature Overgrown	Fair	None	40+ years	C1
T13	Lilac	4m	20cm@ ground	2.4m	1m	Mature Overgrown	Fair	None	40+ years	C1
T14	Sycamore	8m	40cm	4m	2m	Immature	Fair	None	40+ years	C1
T15	Laburnum	4m	20cm	2.4m	1.5m	Immature	Fair	None	40+ years	C1
T16	Cherry	6m	45cm	5.4m	0.5m	Middle aged	Poor Damaged Large pruning wounds	Take down and replace	10 years	R
T17	Sumac	5m	18cm@ ground	2.16m	1.5m	Middle aged	Fair	None	40+ years	C1
T18	Elder	6m	30cm	3.6m	1.5	Middle aged	Fair	None	40+ years	C1
T19	Whitebeam	5m	28cm	3.36m	2m	Immature	Fair	None	40+ years	C1
T20	Beech	14m	66cm	7.92m	2m	Mature Bi-furcate at 2m	Fair	None	40+ years	C1