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Tree Report
11th October 2012

Proposals for 16 St Catherines Road
Hayling Island
PO11 0HL

Scope: To provide Arboricultural information regarding proposals for the redevelopment of 16 St Catherine's Road Hayling Island.

Method: Undertaking a tree survey using the principles and procedures in the BS5837: 2012 Trees in Relation to Design Demolition and Construction – Recommendations.

Site Visit: by Kim Gifford Arboricultural Consultant for client: Barbara Waldron and documents received by email 5th October 2012. (In good weather conditions).

Tree Survey Details:
(see plan)

T1 Horse Chestnut (*Aesculus hippocastanum*) In neighbouring property.

Diameter at 1.5m from ground level: 800 mm

Crown spread: N 5m E 5m S 4m W 5m (overhanging public footpath)

Canopy height: 3m

Height: 15m

Condition: Vigorous , forked trunk at 3m.

Age: Mature

Future maintenance requirements: Will require remedial pruning over footpath and gardens in accordance with good Arboricultural practice. Prune back 2 low overhanging branches from 16 Catherine Road

Recommendation: Provide protection during construction as method statement.

BS5837: 2012 Category B class worthy of retention and protection during construction.



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T2 Holm Oak (Quercus ilex) In neighbouring property

Diameter at 1.5 m from ground level: 600mms

Crown spread: N 3m E 3m S 3m W 3m

Canopy height: 2.m

Height: 4m

Condition: Recently pollard overall

Age: Mature

Future maintenance requirements: overhang will require cutting back from fence line.

Recommendation: Cut back overhang

BS5837: 2012 Category C class.

T3 Crap Apple (Malus sp)

Diameter at 1.5m from ground level: 250 mm

Crown spread: N 3m E 3m S 3m W 3m centre of site

Canopy height: 2m

Height: 4m

Condition: Ornamental in poor condition

Age: Mature

Future maintenance requirements: Consider removal.

Recommendation: Remove

BS5837: 2012 Category C class



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T4 Oak (Quercus robur) In neighbouring property

Diameter at 1.5m from ground level: 800 mm

Crown spread: N 6m E 7m S 6m W 7m

Canopy height: 2m

Height: 15m

Condition: Good condition from visual inspect over fence only.

Age: Mature

Future maintenance requirements: Outside of the construction area

Recommendation: Monitor

BS5837: 2012 Category B class

T5 Oak (Quercus robur) In neighbouring property

Diameter at 1.5m from ground level: 700 mm

Crown spread: N 6m E 7m S 7m W 7m

Canopy height: 2m

Height: 15m

Condition: Good condition from visual inspect over fence only.

Age: Mature

Future maintenance requirements: Outside of the construction area

Recommendation: Monitor

BS5837: 2012 Category B class



T6 Oak (*Quercus robur*) rear garden

Diameter at 1.5m from ground level: 600 mm

Crown spread: N 6m E 7m S 6m W 7m

Canopy height: 2m

Height: 15m

Condition: fair, leaning, deadwood in the crown

Age: Mature

Future maintenance requirements: Outside of the construction area. However regular inspection will be required to check safety, as there is dieback throughout the crown indicating decay in some areas.

Recommendation: Monitor

BS5837: 2012 Category B class

T7 Oak (*Quercus robur*) rear garden adjacent to T6

Diameter at 1.5m from ground level: 600 mm

Crown spread: N 6m E 7m S 6m W 7m

Canopy height: 2m

Height: 15m

Condition: Fair, leaning misshaped crown , deadwood in the crown

Age: Mature

Future maintenance requirements: Outside of the construction area. However regular inspection will be required to check safety, as there is dieback throughout the crown indicating decay in some areas.

Recommendation: Monitor

BS5837: 2012 Category B class

[illegible]

**Other vegetative features on site:**

Mainly hedging and Conifers outside of the construction proposals.

Arboricultural Impact Assessment:

The tree survey highlights the requirement to provide necessary tree protection to the Horse Chestnut T1 and Holm Oak T2 on the plan. The other trees identified are outside of the construction area. The Plan shows the root protection area of T1 to be 9.6m radius and T2 7.2m radius from the centre of each specimen. The proposal takes into account the requirement to take precautions careful demolition of the existing garage adjacent to T2. The breaking of the slab should be undertaken by hand held machinery within the root protection area. It is noted that the proposal will move the new building 2m from boundary further away from the fence and T2. The final pathway will be of a 'no dig' construction using the 'cell web system' to avoid compaction over the RPA of T2. The existing driveway is to stay in place without disturbance during construction. The following method statement will be enacted to ensure minimal damage to trees as detailed.

Method Statement and Timing of Works:

i. A pre start meeting is to be arranged with the attendance by the LA Tree Officer (TO), Construction manager (CM) the appointed Arboricultural Consultant (AC) and Tree Contractor (TC). During the meeting a program of work and details of Arboricultural Supervision for the development will be agreed with the TO.

Arboricultural Supervision will include inspection of works within the RPA of T2 Holm Oak regular visits to ensure works are carried out as above during construction. Frequency of these inspections will be agreed with the TO at the start of the meeting.

ii. Following the pre start meeting and written meeting TO approval of the Tree Survey detail and Arboricultural Supervision all tree works and felling are to be carried out in accordance with the Tree Survey details and approved planning drawings. Completion will then be approved by the CM and AC. The TO is to be notified of the intention to carry out the works and invited to attend the installation. All work will be carried out by skilled operatives in accordance with BS3998: 2010 Recommendation for Tree Work and the relevant Health and Safety guides and procedures. Prior to work commencing the TC will supply copies of a site specific risk assessments and public liability insurance documents.



iii. Demolition within the RPA of T2 Holm Oak needs special attention an agreed procedure will included in the pre start meeting to include access paths, ground protection and method statements before any work commences.

iv. Construction will not start until approved by TO , CM, AC and that protective the required demolition is as drawing. Specific Method statements for activities will be presented to the TO for approval coordinated by the AC before construction commences.

v. The AC will visit and inspect the site as agreed with the TO in the pre start meeting. The AC will provide reports by email to the TO and CM.

vi. During demolition and construction all operatives must be aware of the protective measures to safeguard the retained trees:

vii. All works in and around protected areas will carried out in accordance with BS5837: 2012 Tree in relation to design, demolition and construction - recommendations. A copy of this is to be included with the information pack supplied to the Site Manager. All works involving digging below ground level must not cause damage to existing tree roots.

No materials equipment plant or machinery will be stored or used with the protection areas.

There will be no fires on site under any circumstances.

There must not be any working, mixing, or construction activities within the protected area unless agreed by the TO.

Arboricultural Consultancy



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Ground levels within the protected areas must be maintained and not altered. No dig construction will only be implemented after drawings are approved by the TO before commencement.

Signage will be attached to protective fencing “ Tree Protection Area. Do Not move or dismantle for any reason”

All fencing and signage will be checked on a daily basis by the Site Manager. Any damage to the trees must be report immediately to the AC and a report submitted to the TO.

This report relates to details supplied at the time of inspection only.

Kim Gifford
Gifford Tree Service

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