



Tree Report

2nd May 2017

**Proposals for New Access Road Tournerbury Farm to Tournerbury
Woods Hayling Island
PO11 9DL**

Scope: To provide Arboricultural information regarding proposals for the new access road on Tournerbury Farm to Tournerbury Woods.

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: Christopher Snell of Tournerbury Wood Estates 26th April 2017

Tree Survey Details:
(see plan)

T1 Ash

Diameter at 1.5m from ground level: 1000 mm

RPA = 12m radius

Crown spread: N 6m E 5m S 4m W 5m (overhanging roadway)

Canopy height: 3m

Height: 15m

Condition: Ivy clad crown, leaning northwards windward crown shape. Deadwood in crown. Side of ditch. Poor condition.

Age: Mature

Future maintenance requirements: Will require remedial pruning over road and removal of ivy to complete full inspection in accordance with good Arboricultural practice.

Recommendation: Apply precautions to reduce unnecessary damage during track construction as detailed in protection plan below.

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

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T2 Dying Ash

Diameter: Fallen stump

Crown spread: Not applicable N/A

Canopy height: N/A

Height: N/A

Condition: N/A

Age: N/A

Future maintenance requirements: Stumps requires removal.

Recommendation: as above

BS5837: 2012 Category

G1: Hedgerow Hawthorn and scrub Ash mixture along fence line.

Diameter 100mm to 300mm

RPA= 3.6m radius

Crown spread: General 3m overall

Canopy height: from ground level.

Height: 3m to 6m

Condition: General decline some specimen collapsed and dying back.

Age: Mature

Future maintenance requirements: treat as hedging trim back and remove fallen stems.

Recommendation: Apply precautions to reduce unnecessary damage during track construction as detailed in protection plan below.

BS5837: 2012 Category C class

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T3 Oak

Diameter at 1.5m from ground level: 900 mm

RPA= 10.8m radius

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

Canopy height: 3m

Height: 18m

Condition: Good condition

Age: Mature

Future maintenance requirements: Work only required in accordance with good arboriculture practice when necessary.

Recommendation: Apply precautions to reduce unnecessary damage during track construction as detailed in protection plan below.

BS5837: 2012 Category B class

T4 Ash

Diameter at 1.5m from ground level: 1000 mm

RPA= 12m radius

Crown spread: N 4m E 4m S 4m W 4m

Canopy height: 3m

Height: 12m

Condition: Poor condition dying back hollow dying main stem. Fungal bracket in crown

Age: Very Mature

Future maintenance requirements: Dying back



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Recommendation: Monitor/consider removal in the future.

BS5837: 2012 Category C class

T5 Oak

Diameter at 1.5m from ground level: 600 mm

RPA= 7.2m radius

Crown spread: N 4m E 4m S 4m W 4m

Canopy height: 2m

Height: 15m

Condition: cavity at base poor structural condition.

Age: Mature

Future maintenance requirements: Work only required in accordance with good arboriculture practice when necessary.

Recommendation: Apply precautions to reduce unnecessary damage during track construction as detailed in protection plan below.

BS5837: 2012 Category C class

T6 Broken Ash stump

Diameter N/A

Crown spread: N/A

Canopy height: N/A

Height: 3m

Condition: Decaying

Age: Mature



Recommendation: Remove if required.

BS5837: 2012 Category C class

T7 Oak

Diameter at 1.5m from ground level: 700 mm

RPA= 8.4m radius

Crown spread: N 4m E 4m S 4m W 4m

Canopy height: 2m

Height: 15m

Condition: fair condition.

Age: Mature

Future maintenance requirements: Work only required in accordance with good arboriculture practice when necessary.

Recommendation: Apply precautions to reduce unnecessary damage during track construction as detailed in protection plan below.

BS5837: 2012 Category B class

T8 Ash

Diameter at 1.5m from ground level: 800 mm

RPA= 9.6m radius

Crown spread: N 4m E 4m S 4m W 4m

Canopy height: 3m

Height: 12m

Condition: Poor condition dying back hollow dying main stem. Fungal bracket in crown

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Age: Mature

Future maintenance requirements: Dying back

Recommendation: Monitor/consider removal in the future.

BS5837: 2012 Category C class

T9 Oak

Diameter at 1.5m from ground level: 600 mm

RPA= 7.2m radius

Crown spread: N 4m E 4m S 4m W 4m

Canopy height: 2m

Height: 15m

Condition: Adjacent Ash hanging in crown, leaning stem.

Age: Mature

Future maintenance requirements: Work only required in accordance with good arboriculture practice when necessary.

Recommendation: Apply precautions to reduce unnecessary damage during track construction as detailed in protection plan below.

BS5837: 2012 Category C class

T10 Oak

Diameter at 1.5m from ground level: 700 mm

RPA= 8.4m radius

Crown spread: N 4m E 4m S 4m W 4m

Canopy height: 2m

Height: 15m



Condition: fair condition.

Age: Mature

Future maintenance requirements: Work only required in accordance with good arboriculture practice when necessary.

Recommendation: Apply precautions to reduce unnecessary damage during track construction as detailed in protection plan below.

BS5837: 2012 Category B class

T11 Oak

Diameter at 1.5m from ground level: 1000 mm

RPA= 12m radius

Crown spread: N 5m E 4m S 5m W 4m

Canopy height: 3m

Height: 18m

Condition: fair condition.

Age: Mature

Future maintenance requirements: Work only required in accordance with good arboriculture practice when necessary.

Recommendation: Apply precautions to reduce unnecessary damage during track construction as detailed in protection plan below.

BS5837: 2012 Category B class

T12 Ash

Diameter at 1.5m from ground level: 800 mm

RPA= 9.6m radius

Crown spread: N 4m E 4m S 4m W 4m

Canopy height: 3m

Height: 12m

Condition: Poor condition dying back

Age: Mature

Future maintenance requirements: Dying back

Recommendation: Monitor/consider removal in the future.

BS5837: 2012 Category C class

T13 Oak

Diameter at 1.5m from ground level: 1000 mm

RPA= 12m radius

Crown spread: N 6m E 4m S 5m W 4m

Canopy height: 3m

Height: 18m

Condition: fair condition.

Age: Mature

Future maintenance requirements: Work only required in accordance with good arboriculture practice when necessary.

Recommendation: Apply precautions to reduce unnecessary damage during track construction as detailed in protection plan below.



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BS5837: 2012 Category B class

T14 Oak

Diameter at 1.5m from ground level: 600 mm

RPA= 7.2m radius

Crown spread: N 4m E 4m S 4m W 4m

Canopy height: 3m

Height: 10m

Condition: fair condition.

Age: Mature

Future maintenance requirements: Work only required in accordance with good arboriculture practice when necessary.

Recommendation: Apply precautions to reduce unnecessary damage during track construction as detailed in protection plan below.

BS5837: 2012 Category B class

T15 Oak

Diameter at 1.5m from ground level: 1000 mm X 2 stems

RPA= 12m radius

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

Canopy height: 3m

Height: 18m

Condition: fair condition. Twin stemmed Oak .

Severely trunk damaged by animals

Age: Mature



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Future maintenance requirements: Work only required in accordance with good arboriculture practice when necessary.

Recommendation: Apply precautions to reduce unnecessary damage during track construction as detailed in protection plan below.

BS5837: 2012 Category B class



Arboricultural Impact Assessment:

The proposal is to construct a new track from the Tournurbury Farm entrance alongside of the existing paddock field to Tournurbury Woods. The root protection areas adjacent to trees T1, T3 and T15 will be bridged by installing a 'No dig' cellular confinement system across the new track area. These areas will set on a geotextile and geo-grid type underlay to stop leaching of material into surrounding areas within the root protection areas of trees identified in the tree survey. The positioning of the track will be **3.75m** from the existing boundary line to allow a sufficient distance from the trees root protection areas. The construction method by use of a small 3ton digger to be used for spreading delivered materials and work backwards only within the 4m track area and will not travel within the 3.75m RPA. Markers and fencing should be used to indicate and exclude construction traffic within the RPAs of retained specimens.

All of these works will be undertaken in adherence to the following method statement and timing of works.

Method Statement and Timing of Works:

1.1 Specific Methods to be applied during all operations.

No-Dig Specifications will be compliant with the Arboricultural Practice Note 12 (APN12) and a similar product to

<http://www.corelp.co.uk/core-root-protector/#1445872702304-861d1f3d-367e> using a cellular confinement system:

The construction progress will be in the following order:

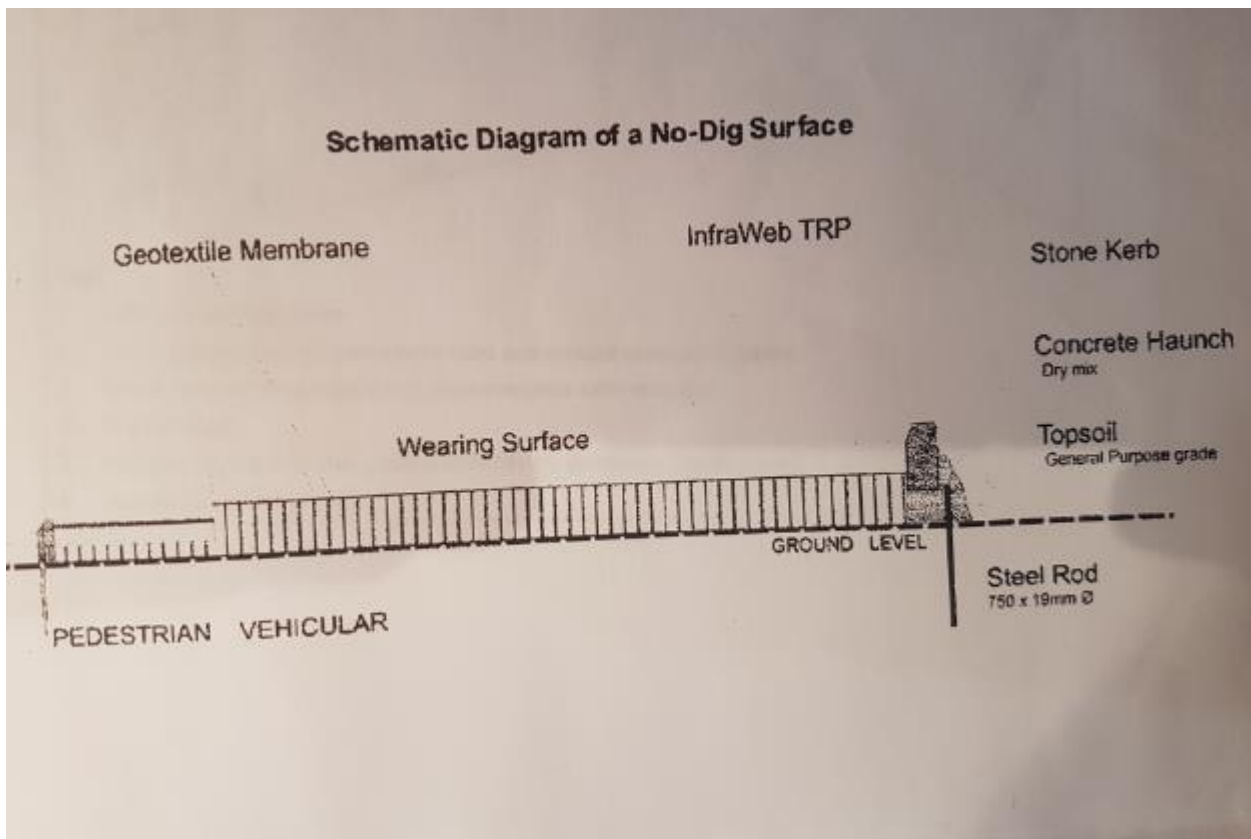
- Kill ground vegetation using a systemic herbicide and gather organic material. Care must be used to select (by reading the label) a herbicide that will not affect the roots of the trees or vegetation. This operation must be carried out by an appropriately trained individual.
- Remove major protrusions such as rocks and stumps (stumps will be ground out to minimize ground disturbance). Fill in significant hollows with sharp sand.
- Lay geotextile membrane directly onto the soil over the whole of the drive.

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- Edging as detailed by engineer.
- Lay the tree dimensional cellular confinement system (TDCCS) as specified by the engineer.
- Cover the TDCCS with a no fines aggregate infill. This is to be filled progressively so that machinery only move on the laid sub-base. The aggregate will not be tipped straight on to the TDCCS.
- Compact the sub-base to ensure binding with the TDCCS and minimize future rutting of the surface.
- Lay geotextile membrane directly onto the sub-base over the whole of the drive.
- This sub-base should be surfaced with brick paviours to allow permeability on a dry bed and grouted with kiln-dried sand or porous asphalt or concrete.



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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 RPAs of retained trees 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. Site lay out 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 be 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.

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
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Arboricultural Consultant