JOHN SHUTLER
Tree Services

Arboricultural Assessment Report

235 Winchester Road, Chandlers Ford, SO532DX

18/08/14

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1.0 Introduction

1.1 Instructions were received from Mr Doug Pruden to undertake a report on one tree located within the curtilage of the of 235 Winchester Road, Chandlers Ford, SO532DX

2.0 Clients Brief

2.1 This report is written within the limitations of the instructions given and the fee structure agreed and includes the following

- Site investigation
- An inspection from ground level using modern visual tree assessment (VTA) methodology
- Consideration of tree health and safety, reporting on any defects found

2.2 The site layout and conditions prevailing on the dates of our site visit also limited the inspection

2.3 This report acts as a record of an inspection carried out by a qualified and experienced arboricultural consultant

2.4 All the recommendations made as a direct result of the inspection are valid for a twelve (12) month period. Following which, it may be considered, but not always essential, that the situation be periodically reassessed in accordance with sound arboricultural practice

3.0 Arboricultural Detail

3.1 The survey was undertaken on the 16th of August 2014

3.2 Both the common and botanical names have been given for the species

3.3 Recommendations as per BS3998 Recommendations for Tree work 2010

3.4 The breast height diameter at 1.5m has been accurately recorded, furthermore, an approximation of the height of the tree has also been given in order to provide a clearer indication of stature

3.5 Age is given as a classification based on current British Standard and Arboricultural guidelines taking into account site and landscape influences
The age classification used is as follows

Y M- Young (1st 1/3rd of life expectancy)
MA - Middle aged (2nd 1/3rd of life expectancy)
M - Mature (final 1/3rd of life expectancy)
OM - Over mature (beyond life expectancy and declining naturally)
V – Veteran (of great age for its species and possibly of conservation value)

3.6 Physiological and Structural condition

P = Physiological
Good – no significant health problems
Fair – symptoms of ill health that can be remediated
Poor – significant ill health

S = Structural
Good – no significant defects
Fair – significant defects that can be remediated.
Poor – Significant defects no remedy

4.0 Limitations

4.1 This report relates specifically to the condition of the tree or trees upon the days that the inspection was carried out.

4.2 No analysis of soil samples was undertaken. Root areas and possible underground conflict interaction were only investigated insomuch as a surface visual inspection.

4.3 All legal documentation and information given to and used for the purposes of this report by John Shutler Tree Services is presumed accurate.

4.4 The report is valid only for typical weather conditions. Healthy trees, or parts of healthy trees, may fail in unusually high or unpredictable winds or violent storms and as such the consequences of such weather phenomena are unforeseeable. It follows that John Shutler Tree Services cannot be held liable for any such failures.

4.5 There is no such thing as a safe tree. The law recognises this and focuses upon the concept of 'reasonably foreseeable' incidents. In commissioning this report you fulfil part of your duty of care under common law and the Occupiers Liability Acts 1957 & 1984. Other legislation may also apply.

4.6 These trees may fall under the protection of the Local Council. As such, permission may be required before works begin. It should be noted that the Local Council may not share the views presented in this report.

4.7 All rights in this report are reserved. No part of it may be reproduced or transmitted, in any form or by any means; electronic, mechanical, photocopying, recording or otherwise, or stored in any retrieval system of any nature, without the written permission of John Shutler Tree Services. Its content and format are for the exclusive use of the addressee in dealing with this site. It may not be sold, lent, hired out or divulged to any third party not directly involved in this claim site without written consent from John Shutler Tree Services

4.8 Due to the date of the inspection, John Shutler Tree Services accepts no liability for fungal pathogens that may not be evident due to the time of year

5.0 ISA Tree Hazard Evaluation

A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 235 Winchester Road, Chandlersford.

Map/Location:

Owner: public ✓ private ____ unknown ____ other ____

Date: 16/8/11 Inspector: John Shotter.

Date of last inspection: N/A.

HAZARD RATING:

2 (Failure Potential) + 3 (Size of part) + 4 (Target Rating) = 9 (Hazard Rating)

✓ Immediate action needed

____ Needs further inspection

____ Dead tree

TREE CHARACTERISTICS

Tree #: 1 **Species:** Sweet chestnut.

DBH: 570/570 **# of trunks:** 2 **Height:** 18 M **Spread:** N/A

Form: ☐ generally symmetric ☑ minor asymmetry ☐ major asymmetry ☐ stump sprout ☐ stag-headed

Crown class: ☐ dominant ☑ co-dominant ☐ intermediate ☐ suppressed

Live crown ratio: 90 % **Age class:** ☐ young ☐ semi-mature ☑ mature ☐ over-mature/senescent

Pruning history: ☑ crown cleaned ☐ excessively thinned ☐ topped ☐ crown raised ☑ pollarded ☐ crown reduced ☐ flush cuts ☐ cabled/braced ☐ none ☐ multiple pruning events Approx. dates: ____

Special Value: ☐ specimen ☐ heritage/historic ☐ wildlife ☐ unusual ☐ street tree ☑ screen ☐ shade ☐ indigenous ☑ protected by gov. agency

TREE HEALTH

Foliage color: ☑ normal ☐ chlorotic ☐ necrotic **Epicormics?** Y (N)

Foliage density: ☑ normal ☐ sparse **Leaf size:** ☐ normal ☐ small

Annual shoot growth: ☐ excellent ☑ average ☐ poor **Twig Dieback?** Y (N)

Woundwood development: ☐ excellent ☑ average ☐ poor ☐ none

Vigor class: ☐ excellent ☑ average ☐ fair ☐ poor

Major pests/diseases: Non Present.

Growth obstructions:

☐ stakes ☐ wire/ties ☐ signs ☐ cables

☐ curb/pavement ☐ guards

☐ other ____

SITE CONDITIONS

Site Character: ☑ residence ☐ commercial ☐ industrial ☐ park ☐ open space ☐ natural ☑ woodland\forest

Landscape type: ☐ parkway ☐ raised bed ☐ container ☐ mound ☐ lawn ☑ shrub border ☐ wind break

Irrigation: ☑ none ☐ adequate ☐ inadequate ☐ excessive ☐ trunk wettled

Recent site disturbance? Y (N) ☐ construction ☐ soil disturbance ☐ grade change ☐ line clearing ☐ site clearing

% dripline paved: (0%) 10-25% 25-50% 50-75% 75-100% **Pavement lifted?** Y N

% dripline w/ fill soil: (0%) 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: (0%) 10-25% 25-50% 50-75% 75-100%

Soil problems: ☐ drainage ☐ shallow ☑ compacted ☐ droughty ☐ saline ☐ alkaline ☑ acidic ☐ small volume ☐ disease center ☐ history of fail ☐ clay ☐ expansive ☐ slope ____ ° aspect: ____

Obstructions: ☐ lights ☐ signage ☐ line-of-sight ☐ view ☐ overhead lines ☐ underground utilities ☑ traffic ☐ adjacent veg. ☐ ____

Exposure to wind: ☐ single tree ☐ below canopy ☑ above canopy ☐ recently exposed ☑ windward, canopy edge ☐ area prone to windthrow

Prevailing wind direction: SW Occurrence of snow/ice storms ☐ never ☑ seldom ☐ regularly

TARGET

Use Under Tree: ☐ building ☐ parking ☑ traffic ☑ pedestrian ☑ recreation ☐ landscape ☐ hardscape ☐ small features ☐ utility lines

Can target be moved? Y (N) **Can use be restricted?** Y (N)

Occupancy: ☐ occasional use ☐ intermittent use ☐ frequent use ☑ constant use

The International Society of Arboriculture assumes no responsibility for conclusions or recommendations derived from use of this form.

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: (Y) N **Mushroom/conk/bracket present:** Y (N) **ID:** _____

Exposed roots: ☐ severe ☐ moderate ☐ low **Undermined:** ☐ severe ☐ moderate ☐ low

Root pruned: _____ distance from trunk **Root area affected:** _____% **Buttress wounded:** Y N **When:** _____

Restricted root area: ☐ severe ☐ moderate ☑ low **Potential for root failure:** ☐ severe ☑ moderate ☐ low

LEAN: _____ deg. from vertical ☐ natural ☐ unnatural ☐ self-corrected **Soil heaving:** Y (N)

Decay in plane of lean: (Y) N **Roots broken** Y (N) **Soil cracking:** Y (N)

Compounding factors: Decay between buttress x2, grown on stump **Lean severity:** ☐ severe ☐ moderate ☐ low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

HAZARD RATING

Tree part most likely to fail: Failure of stem at included union

Inspection period: 1 annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

2 + 3 + 4 = 9

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe
Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm); 3 - 18-30" (45-75 cm); 4 - >30" (75 cm)
Target rating: 1 - occasional use; 2 intermittent use; 3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: ☐ remove defective part ☐ reduce end weight ☐ crown clean ☐ thin ☐ raise canopy ☐ crown reduce ☐ restructure ☐ shape

Cable/Brace: _____ **Inspect further:** ☐ root crown ☐ decay ☐ aerial ☐ monitor

Remove tree: (Y) N **Replace?** Y (N) **Move target:** Y (N) **Other:** _____

Effect on adjacent trees: ☑ none ☐ evaluate

Notification: ☑ owner ☐ manager ☑ governing agency **Date:** 16/8/14

COMMENTS

6. Tree Survey Schedule

Tree No	Species	Ht (M)	Trunk Dia @ 1.5m (mm)	Age class	Physiological and Structural condition. Observations- negative and positive	Preliminary Management Recommendations
T1	Sweet Chestnut *Castanea sativa*	18m	Twin stemmed 570 570	M	P – Fair S – Poor • Included union from ground level • Decay between x4 buttresses • Appears to be growing on a Oak stump • Deadwood throughout • Basel flare to compensate for decay at base • X1 stem leans towards access to x2 properties and garden of neighbouring property	• Remove

Key:

Age Class: **Y M**- Young (1st 1/3rd of life expectancy) **MA** - Middle aged (2nd 1/3rd of life expectancy**)** **M** - Mature (final 1/3rd of life expectancy)
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Condition: **P** = Physiological **Good** – no significant health problems **Fair** – symptoms of ill health that can be remediated **Poor** – significant ill health
S = Structural **Good** – no significant defects **Fair** – significant defects that can be remediated. **Poor** – Significant defects no remedy

7 Conclusions

7.1 This large mature Sweet chestnut is situated on the edge of a small wooded area to the front of the property at 235 Winchester Road, adjacent to the driveway of the property. The tree appears to be growing on the remains of an Oak stump which it has almost completely enveloped (see pictures in appendix) Decay can be found between 4 buttress roots (see pictures in appendix) and in places extends into the base of the tree by at least 30cm. The stem bifurcates at approximately 50cm from ground level and shows signs of an included union (see pictures in appendix). The presence of decay at the base of the tree which likely extends into and around the included union, and its position adjacent to the access to two properties and within falling distance of the front garden of another, means that it is unsuitable for retention. The tree has limited amenity value as viewed from offsite as it forms part of a wooded area containing other more prominent protected trees. It is the recommendation of this report that the tree is removed on the grounds that it has two or more defects that cannot be remediated. The works are considered sound Arboricultural practice for a tree of this condition in the semi urban, residential environment

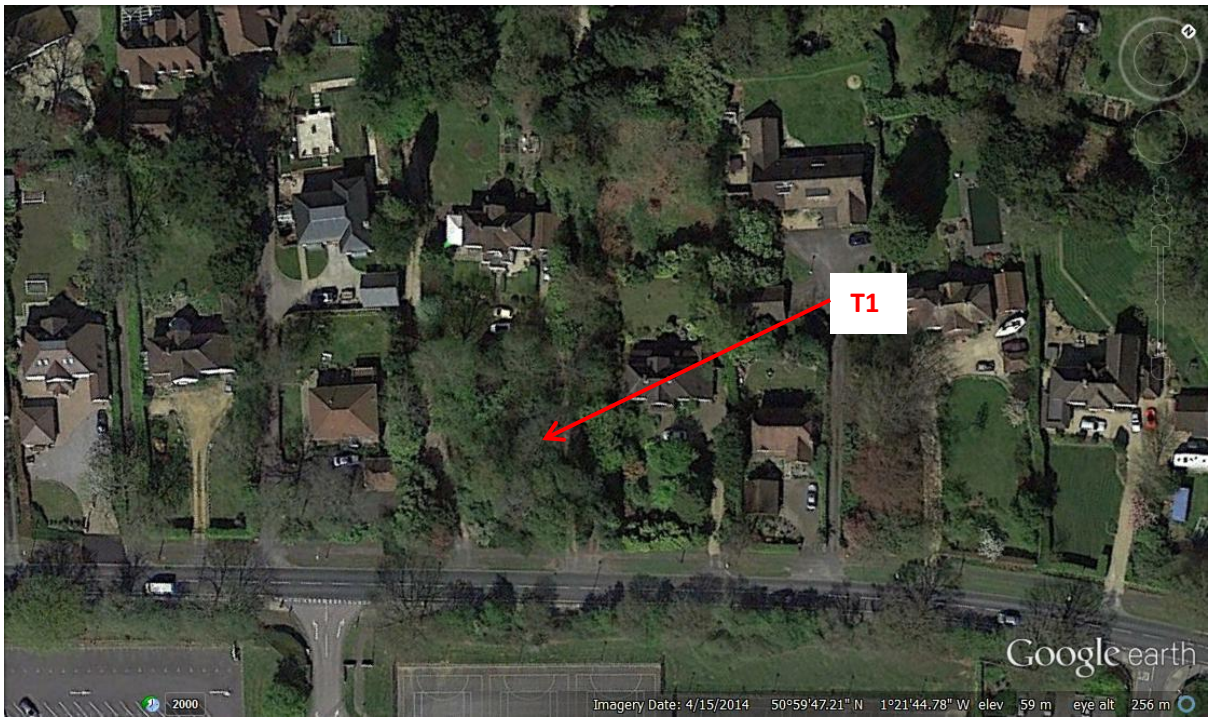
7.2 This report acts as a record of an inspection carried out by a qualified Arboricultural Consultant, namely, Mr J. Shutler of John Shutler Tree Services. All the recommendations as made as a direct result of this arboricultural assessment are valid for a twelve (12) month period. Following which, it may be considered that the situation be periodically reassessed in accordance with sound arboricultural practice. The tree survey data can form the basis of future re-inspections.

Authorised Dated 18/08/14



John Shutler Cert He Arboriculture and Tree Care, TechArborA

8 Site Map


T1
Google earth
2000
Imagery Date: 4/15/2014 50°59'47.21" N 1°21'44.78" W elev 59 m eye alt 256 m

9 Appendix

Decay between buttress roots





Oak Stump



Included union