

**THE ARBORICULTURAL
CONSULTANCY LTD**

ARBORICULTURAL REPORT

4 A'Beckets Ave

Reference Number: 0396

Version: One

Date: 03 December 2018

Client:

**Kevin Stedman
4 A'Beckets Ave
Aldwick Bay
Bognor Regis
West Sussex
PO21 4LU**

**The Arboricultural Consultancy
LTD**

**3 Old Barn Way
Southwick
West Sussex
BN42 4NS**

**Director- Benjamin Tidey. Company Registered in England and Wales.
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Surveyors Details			
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Qualifications Foundation degree in Arboriculture (level 5), Lantra Professional Tree Inspection.			

Arboricultural Condition Assessment

Purpose of the Assessment:

The assessment is designed to highlight the health and structural condition as well as local area impact of a single Horse Chestnut (T1), giving recommendations for management options.

Included within the Contents of this Assessment are:

- Summary of the assessment
- Tree details
- Recommended management actions

Client: Kevin Stedman

Date: 3 December 2018

Report prepared by: Ben Tidey FdSc arb, MArborA.

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Address: The Arboricultural Consultancy Ltd

3 Old Barn Way

Southwick

West Sussex

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Site Details:

Tree Location Address:

4 A'Becket's Ave

Aldwick Bay

Bognor Regis

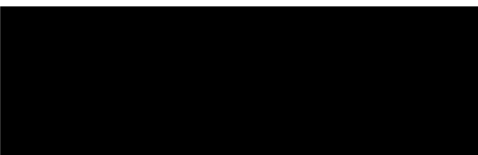
West Sussex

PO21 4LU

Report Outline Information

All tree inspections, unless specified, have been undertaken from ground level and using non-invasive techniques. Comments contained within the report on the condition and risk associated with any tree relate to the condition of the tree at the date and time of survey. Please note that the condition of trees is subject to change. This change may occur, but is not limited to biological and non-biological factors as well as mechanical/ physical changes to conditions in the proximity of the tree. Trees should be inspected at intervals relative to identified site risks and in accordance with relevant HSE and Central Government guidance. The Arboricultural Consultancy can provide further information on this matter if required. Where tree surgery works have been identified these should only be undertaken after checks with the relevant authority have been made, it is necessary to ensure that works may lawfully be undertaken. Up to date checks should be made as to the possible protection status of trees/ vegetation or land they are located within, these checks should cover, but are not limited to; Tree Preservation Orders (TPOs), Conservation Area, planning conditions, Areas of Outstanding Natural Beauty (AONBs), Ramsar, Special Protection Areas (SPA), Special Areas of Conservation (SAC), Sites of Special Scientific Interest (SSSI). Locations of designation can be found at <http://magic.defra.gov.uk/MagicMap.aspx> and further advice on designations can be found at <http://jncc.defra.gov.uk> Further advice on TPOs, Conservation Areas or planning condition can be found with the local governing organisation. All works should be undertaken in accordance with the appropriate Duty of Care. This should include, for example, site specific risk assessments and due diligence inspections for the presence of protected species. Any comment relating to 3rd party trees has been made without full access to the tree(s). Should these trees have any impact on the site we would advise you to instruct us to contact the third party and undertake further inspection work.

This survey and report has been undertaken and produced by The Arboricultural Consultancy Ltd. All information within this report was correct at time of assessment.



Ben Tidey FdSc
Consultant Arboriculturist
Monday, 03 December 2018



1.0 Introduction:

Located to the northwest corner of the property at 4 A'Becket's Avenue is a single Horse Chestnut tree (T1), the tree is located within an area of landscaped garden, the tree overhangs neighbouring property as well as the road. Roots from T1 are located within the property of 2 A'Beckets Ave, where there is damage to the driveway.

1.1 Summary:

Tree T1 Horse Chestnut is of moderate condition has undergone pruning operation to remove larger limbs as well as crown reduction. The regrowth has become long and re-pruning is required. The driveway at 2 A'Beckets Ave will need reinstating, an arboricultural method statement should be sought to inform of how to mitigate damage.

1.2 Site Details:

The Horse Chestnut tree is located to the northwest corner of the property, within the front garden and adjacent to neighbouring property of 2 A'Beckets Ave and the road.

1.3 Key Terms and Abbreviations:

A list of the key terms and abbreviations have been included to help explain some of the terminology, found in appendix 4.0.

1.4 Use of Assessment:

This assessment is designed to be used as guidance as to the tree's health condition and remedial action. The information within this report was accurate at the time of the site survey.

2.0 Tree Survey:

The tree was surveyed by Ben Tidey FdSc (Arb) MArborA on Thursday 22nd November 2018. The tree was assessed from ground level with full access around the stem and basal areas. Notes and photographic evidence were taken during assessment.

2.1 Survey Method:

The tree was inspected from ground level using widely accepted Visual Tree Assessment (VTA) as defined in Research for Amenity Tree Series books. Principles of Tree Hazard Assessment and Management by David Lonsdale research for Amenity Trees No.7. Published 21/07/1999. No climbing inspections were undertaken. No samples of soil, tree tissue or suspected pests, diseases and pathogens were taken. Heights of trees were estimated by eye and crown spreads by physical pacing. Diameters were measured in mm using a diameter tape measure. The tree was measured at 1.5m from ground level if it consisted of a single stem. Trees present with more than one stem below 1.5m are measured in accordance with BS 5837:2012. Any photographs taken on site are done so using a digital camera. Tools used for tree inspection were a metric diameter tape, binoculars, hand lens and where appropriate, metal probe, trowel, and engineers' mallet. See appendix 1.0 for tree survey record.

2.2 Tree Details:

The information gathered during the tree survey is recorded and can be found in appendix 1.0 along with any recommendations. Photographic evidence can be found in appendix 2.0.

3.0 Conclusion:

Tree T1 Horse Chestnut is moderate condition with previous pruning operations, this pruning was 3-5 years ago and is in need of undertaking again. The driveway of 2 A'Beckets Ave has broken and there are roots located in this region, so driveway reinstatement should be undertaken by way of a modified construction techniques.

3.1 Future Management:

The findings of this investigation indicate that the best and course of action will be to crown reduce the tree by way of pruning. This should be undertaken to British Standard 3998 2012 Tree Work Recommendations (BS 3998):
When the driveway at the property of 2 A'Beckets Ave is reinstated this should be modified to limit damage to/from the tree roots.

3.2 Protection status:

Checks with Arun District Council at <https://www1.arun.gov.uk/webapps/wml/> indicate that the property of 4 A'Beckets Ave;

- Has Tree Preservation Orders affecting it - *TPO/AW/266/10 & BOGNOR NO.2.*
- Is not within a conservation area.

3.3 Management Considerations:

At the time of assessment, the tree has characteristics that are associated with nesting birds or bats; such as decay cavities and splits. It is recommended that a more in-depth inspection of the tree crown is undertaken before any work is started as this type of assessment is beyond the scope of this report.

3.4 Notes from the Author:

There are many things trees give to us, these can be obvious such as shade and aesthetics but some less obvious such as pollution reduction and ecological factors such as wildlife.

A holistic view that covers many generations of people and trees needs to be applied with respect to the trees location, being in an area of regular use also with the potential for the trees in question to cause damage and harm.

We must remember that trees are living growing organisms and they will grow and will at some point decline in health and finally die we should offer them the dignity to do this, but in a safe and manageable way.

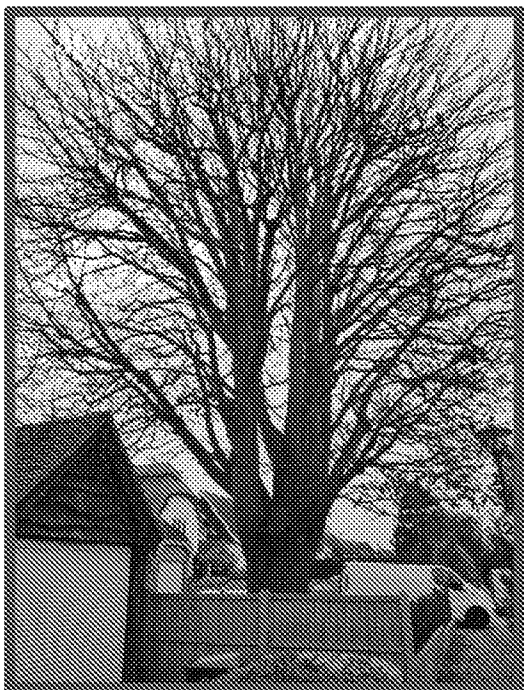
To maintain the best possible treescape we need trees of differing ages but these trees need to be safe to live with, and often it is not possible to make the tree safe or keep people out of the way of dangerous specimens so the tree inevitably must go. We have a responsibility to the future generations to give them trees that they can enjoy as our forefathers have done. Good tree management is to be sensible and realistic with the consideration to the time scale trees grow in and not reckless and short sighted.

Appendix

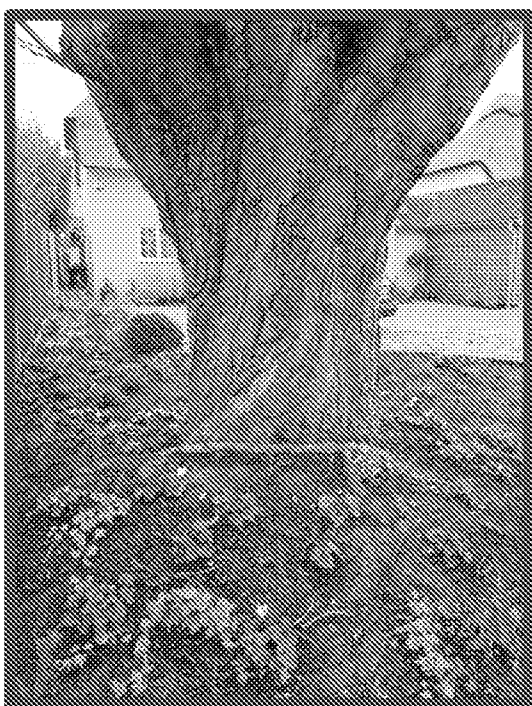
Appendix 1.0 Tree Information

Tree Number	T1	Height	10m	DBH	930mm	Age class	Mature	
Species	Common Horse Chestnut- <i>Aesculus hippocastanum</i>							
Crown spread	North	5m	East	5m	South	5m	West	5m
Physiological condition	Fair			Physical condition		Fair		
Comments: Located to the northwest of the property of 4 A'Beckets Ave, to the front boundary overhanging the driveway of #4 and #2 as well as over the road of A'Beckets Avenue. The area around the lower trunk is a recently landscaped garden with small plants and recently planted hedging. The trunk of the tree has ridges and small areas of decay between buttress roots. The area at crown break has multiple tight union with included bark as well as historic pruning wounds that have decay; the tree crown has had recent (3-5years) crown reduction pruning this reduced the crown to a spread of 3m. The crown is of good health and vigor with a small amount of deadwood and cavities from historical pruning. Tree roots to the north of the tree extent into the property of 2 A'Beckets Avenue, with shallow roots that are in contact with the fencing; the concrete driveway of #2 has cracking that follows the likely root profile, this cracked area has broken and lifting parts.								
Recommended remedial action: Crown reduction of 1-2m from lateral limbs (to old pruning points) and 1-2m form the tree height (to old pruning points). When reinstating the driveway at #2, the new driveway should be constructed by modified techniques this is to protect both the driveway and tree roots from damage.								

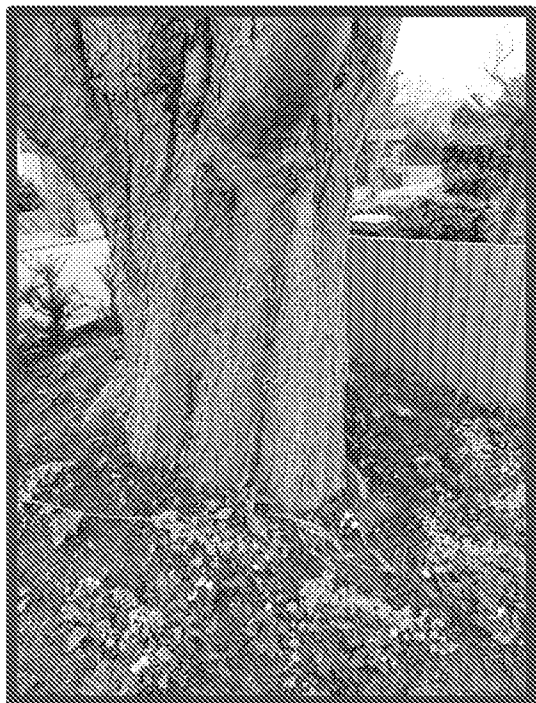
Appendix 2.0 Photographic Evidence



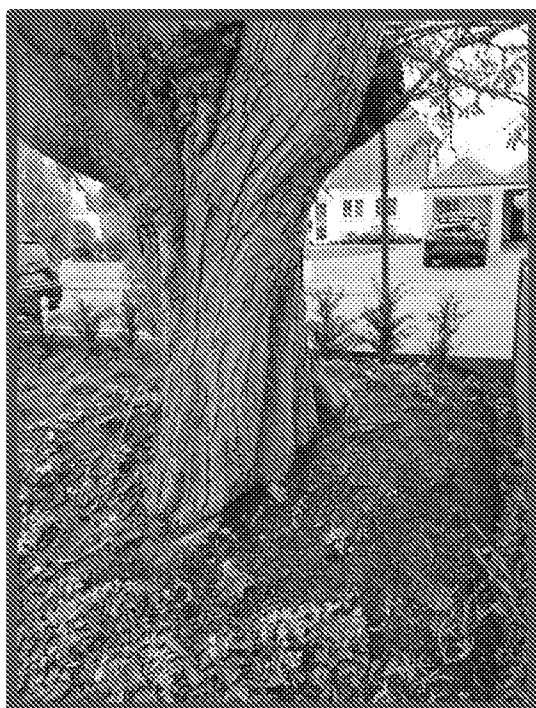
Picture 1 – T1 Horse Chestnut Overview



Picture 2 – T1 Horse Chestnut base area on west side



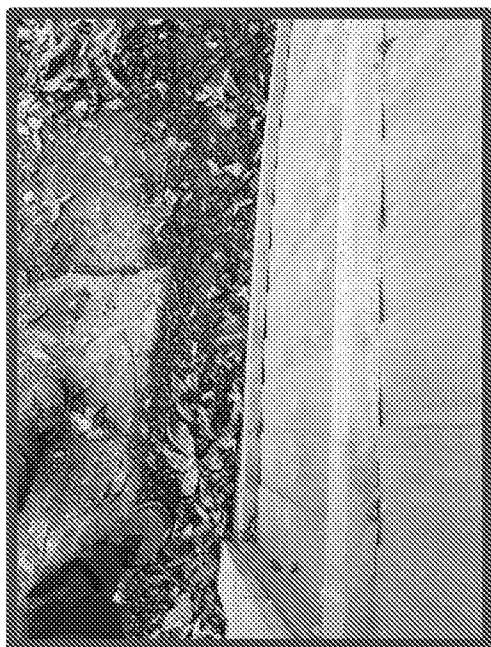
Picture 3 – T1 Horse Chestnut base area on southeast side



Picture 4 – T1 Horse Chestnut base area on northeast side

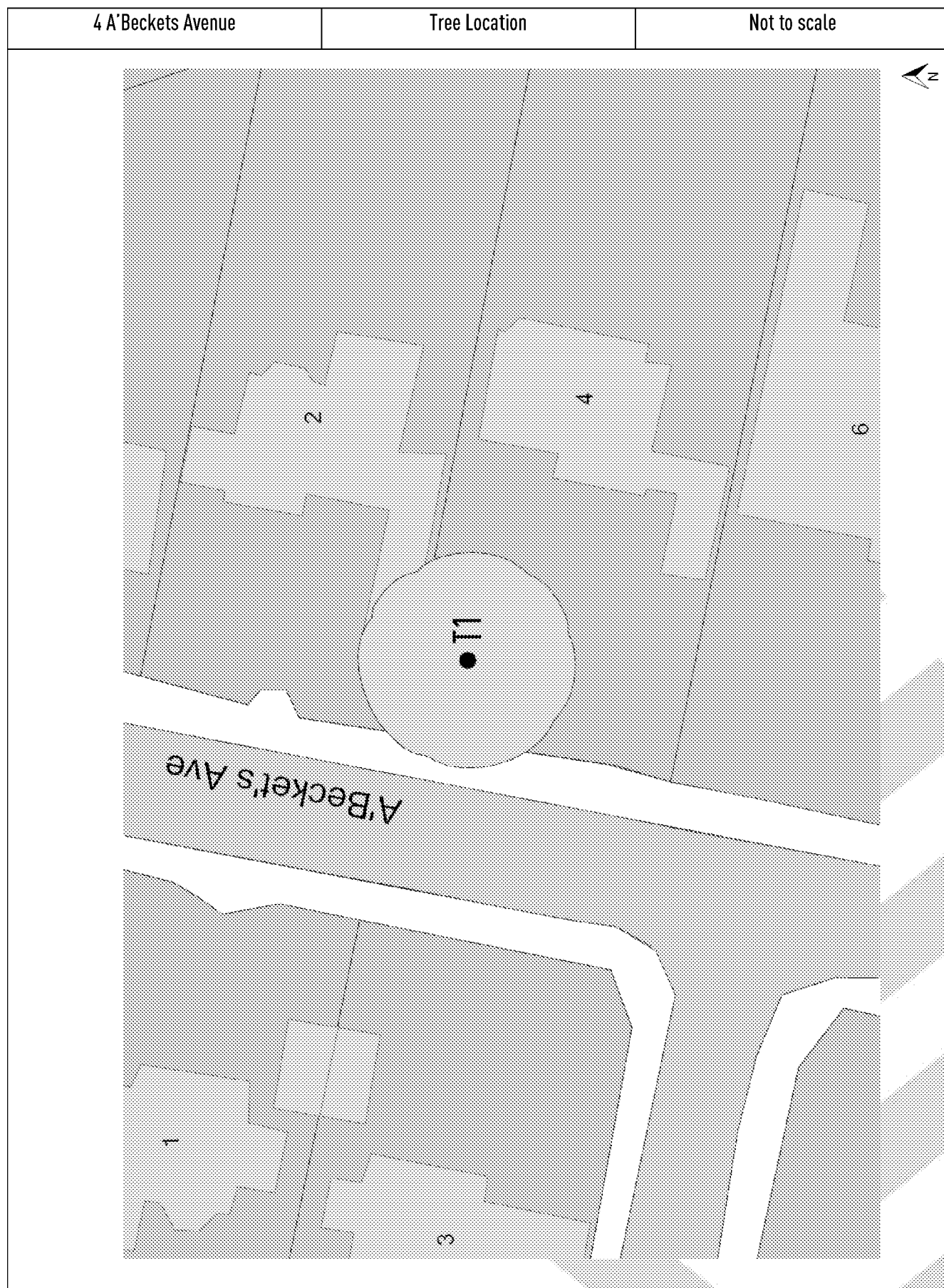


Picture 5 – T1 Horse Chestnut viewed from #2 with cracking of concrete



Picture 6 – T1 Horse Chestnut viewed from #2 with cracking of concrete and shallow roots in contact with fence

Appendix 3.0 Tree Location:



Appendix 4.0 Key Terms and Abbreviations

Arboriculturalist:

Person who has relevant education and training, gained expertise in the field of trees.

British Standard 5837: 2012 Trees in Relation to Design, Demolition, and Construction - Recommendations (BS 5837):

British Standard document outlining best practice and guidelines for the impact of arboriculture on the construction industry.

British Standard 3998 2012 Tree Work Recommendations (BS 3998):

British Standard document outlining best practice for Tree Works.

Competent Person:

Person who has training and experience relevant to the matter being addressed and an understanding of the requirements of the particular task being approached.

Stem:

Principle above ground structural component(s) of a tree that supports the branches/crown.

Pathogen:

A micro-organism which causes disease in another organism.