



ARBORICULTURAL REPORT
63 PRINCES ROAD
PETERSFIELD
HAMPSHIRE
GU32 3BH

AUGUST 2021

16 Manor Close, Wickham, Hampshire, PO17 5BZ

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1.0 INTRODUCTION

- 1.1 This report was instructed by Mr. Pollard with regard to the proposed development on land at 63 Princes Road, Petersfield, Hampshire. The report details all trees over 75mm at 1.5m above ground level that are relevant to the siting of the proposed development. The position of the trees on the site is illustrated at **Appendix 1** on the plan.
- 1.2 The existing tree stock has been identified and graded in line with the current British Standard BS 5837 2012: Trees in relation to design, demolition and construction – Recommendations to enable informed decisions to be made regarding tree retention. The report also details methods of construction to be implemented to safeguard the retained trees.
- 1.3 This report details the constraints placed on the proposed development from the rooting area of the trees below ground and above ground by their size and position.
- 1.4 This report will therefore inform the planning process for the proposed development to minimise any negative impact on the existing tree stock and ensure that retained trees shall be in harmony with the proposed development enabling their long-term retention.

2.0 SITE VISIT

- 2.1 The site visit was undertaken on 3rd August 2021. The trees were surveyed visually, externally and from ground level only. No samples or internal decay detection readings were taken for further analysis. All dimensions have been measured unless stated otherwise. Weather conditions at the time of the survey were dry, overcast with a slight breeze.

3.0 SITE DESCRIPTION

- 3.1 The site is located to the west of Petersfield centre and to the east of the A3 off of Winchester Road. The site is in a predominately residential area and currently comprises a semi-detached house with a large rear corner garden, mostly laid to lawn with couple of trees within the curtilage. There are a number of highway trees outside the boundary predominately to the north.

4.0 TREE SURVEY DATA

In accordance with BS 5837 2012: Trees in relation to design, demolition and construction – Recommendations, the characteristics of single-stemmed trees over 75mm stem diameter measured at 1.5m above ground level have been recorded and they have been categorised in accordance with Table 1 of BS5837: 2012. The following tree data tables should be read in conjunction with the annotated site plan shown at **Appendix 1** and the legend on the page following the tables.

Tree Number and Species	Height (m)	DBH (mm)	Branch Spread (m)				Existing Height Above Ground Level of Canopy and 1 st Significant Branch (m)	Age Class	Estimated Remaining Contribution (Years) & Physiological Condition	Comments	BS Category & Tree Work Necessary for Development	RPA (m ²)	RPA (m)
			N	S	E	W							
T1 Sycamore <i>Acer pseudoplatanus</i>	11	160	2	2	2	2	3 3 South	SM Fair	20 Fair	Poor form. Light drawn. Dense Ivy extends up stem. Pigeon nest in tree at time of inspection. *Tree will not be removed before the end of the nesting season.	C2 Remove*	10	1.8
T2 Rowan <i>Sorbus aucuparia</i>	12	210	2	2	1	2	4 2.5 Northwest	SM Good	20-40 Good	Epicormic shoots recently removed at base. Kink in stem, good reaction wood. Main stem bifurcates at 3.5m, branch union sound at time of inspection.	B2 Retain and protect	18	2.4
H1 Cypress <i>Cupressus sp.</i>	Up to 5	Average 150	2		23		0 N/A	SM Fair	10-20 Fair	Hedge has had some past management. Small Rowan and Holly also present. Rowan has poor form, leaning south, stem bifurcates at 0.2m	B2 Remove and replacement plant	10	1.8

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			N	S	E	W							
TG1 Sycamore, Ash, Hawthorn, Hazel <i>Acer, Fraxinus, Crataegus, Corylus</i> sp.	Up to 13	Max 350	Up to 6		25	0.5 1.5 West	Y SM EM	0-20 Poor Fair Good	Trees outside of the curtilage on a bank ownership/responsibility of either EHDC or HCC (Highways). Not inspected individually. No evidence of recent management. Dense Ivy extends up the trunks of both Sycamores. Ash exhibiting Chalara Ash Die Back. *Advise removal of Ash tree	B2 Retain and protect	55	4.2	
TG2 Sycamore, Oak, Lime, Ash <i>Acer, Quercus, Tilia, Fraxinus</i> sp.	Up to 14	Max 400*	16		12*	2 3.5 West	SM EM	40 + Good	Trees outside of the curtilage in adjacent garden. Inspected over fence. Oak has deadwood typical of species.	A2 Retain and protect	72	4.8	

Key to Terms

- Identification numbers have been used and correspond to the site plan shown at **Appendix 1**.
- Vegetation type has been categorized as one of the following: Tree (T), Hedge (H), Shrub (S), Group (G), Stump (ST)
- Species are listed by common and botanical name where appropriate.
- Where possible, measurements have been made in accordance with the conventions detailed below. Where this was not possible, due to site conditions or the vegetation being in third party ownership, dimensions have been estimated. * Indicates estimated measurement.
- Height has been recorded to the nearest half metre.
- Stem diameter has been measured at 1.5m and recorded in millimetres, except where forking or swelling has meant that this is not possible, stem diameter has then been recorded at the narrowest point below these features. Multi-stemmed trees have had individual stems measured at 1.5m. Where this was not possible the actual height where the diameter was measured is recorded. G.L. = Ground Level.
- Crown spread has been recorded to the nearest half metre. Rounded up for dimensions up to 10m and the nearest whole metre for dimensions over 10m.
- Age class has been recorded as follows:
 - Y** Young recently planted or establishing tree that could be transplanted without specialist equipment, i.e. up to 12-14cms-stem girth.
 - S/M** Semi mature. An established tree but one that has not reached its potential ultimate height and has significant growth potential.
 - E/M** Early mature. A tree reaching its ultimate potential height, whose growth rate is slowing down but will increase in stem diameter and crown spread, and has a safe life expectancy.
 - M** Mature. A mature specimen with limited potential for any significant increase in size but with a reasonable safe life expectancy.
 - O/M** Over mature. A senescent or moribund specimen with a limited safe life expectancy. Possibly also containing significant structural defects with attendant safety and/or duty of care implications.
- Physiological Condition has been recorded as Good, Fair or Poor.
- Recommendations for tree management have been based on current Arboricultural Best Practice as set out by the Arboricultural profession and all relevant publications.

5.0 TREE QUALITY ASSESSMENT

- 5.1 The trees have been categorized according to BS5837: 2012 as a guide to their condition and value in terms of visual amenity.
- 5.2 The trees are coloured on the plan attached at **Appendix 1** and the colours are explained in the key of the plan.

6.0 ROOT PROTECTION AREAS

- 6.1 In accordance with BS5837: 2012, the root protection area (RPA) of the trees has been calculated and is shown in the tree data tables and on the RPA plan attached at **Appendix 2**.

7.0 LEGAL CONSTRAINTS

- 7.1 A search of East Hants District Council's online mapping shows none of the trees are subjects of a Tree Preservation Order and that the site is not within a Conservation Area. This should be confirmed in writing before undertaking any tree work recommended in this report.

8.0 ARBORICULTURAL IMPLICATIONS ASSESSMENT

8.1 Description of Proposed Development

It is proposed to build a detached residential property with integral garage and two parking spaces. Two extra parking bays for number 63 are proposed at the same time.

8.2 Drawings Used

Both a topographical survey and a proposed site layout were provided at the time of survey, scale 1: 100 @ A1 and 1:250 @A3. The proposed layout plan has been used to prepare the Tree Quality Assessment Plan **Appendix 1**, the Root Protection Area Plan **Appendix 2** and the Tree Protection Plan found at **Appendix 3**.

8.3 Direct Loss of Trees

The Sycamore T1 is to be removed to facilitate the development. In addition the Hedge H1 may be removed and a replacement planted. There is an Ash outside the curtilage that should be removed on safety grounds due to Chalara Ash Dieback (*Hymenoscyphus fraxineus*). This is not under the applicant's ownership.

8.4 Position of Trees in Relation to Proposed Development

It is not considered that the proposal will increase future pressure to fell any of the trees retained on the site.

8.5 Protective Barriers and Ground Protection

Protective Barriers

Protective barriers will be established prior to any construction taking place. The location of the barriers is shown on the Tree Protection Plan at **Appendices 3**.

Protective barriers in accordance with Figure 2 of BS 5837: 2012 (**Appendix 4**) should be erected around the trees to be retained. The fencing is to be supported with an appropriate stabilizing system (**Appendix 5**). Where possible, the positions of these fences should be based on a distance equivalent to the radius of each tree's RPA. All site personnel shall be made aware of the importance of root protection areas and shall ensure that they are properly maintained at all times. Once established the fencing will define the boundary of the Construction Exclusion Zone (CEZ).

Once erected all weather signage should be displayed stating 'Construction Exclusion Zone'.

No development works shall commence within the CEZ until written confirmation has been obtained from the Local Planning Authority. The project Arboriculturalist shall supervise all work within the RPAs.

8.6 Changes in Ground Surface within RPAs

There are no proposed changes in the ground surface for any retained trees.

8.7 Changes in Ground Level within the RPA

There is no proposed change in ground level within the RPAs of any of the retained trees.

8.8 Foundations

There are no proposed foundations within the RPA of any retained trees.

8.9 Services

No overhead services are to be installed.

At the time of writing no details on underground services have been supplied. If services are to be installed within the RPAs details of design and methodology for their installation will be provided for approval by the Tree Officer.

8.10 Access for Contractors and Storage of Materials.

There is ample space on the site outside of the RPAs of the trees for contractor parking and storage of materials.

9.0 CONCLUSIONS

- 9.1 The trees on the site are predominately of good and moderate quality.
- 9.2 The establishment of the protective barriers should be supervised by the project Arboriculturalist and confirmation of adherence with the Arboricultural Method Statement and Tree Protection Plan should be made to the Local Authority Tree Officer before any development starts.
- 9.3 Given these conclusions the following section 'Arboricultural Method Statement' details the recommendations/methodology for the construction of the proposed works in terms of the effect on trees on the site.

Details within this AIA are considered correct at the time of writing but modifications may need to be made as more information becomes available.

Important Notes

The comments made with regard to the health and stability of the trees within this report were correct at the time of inspection. It should be recognized that trees are dynamic structures that can never be completely predictable and may become unstable or partially unstable even in average weather conditions. Changes can occur not only to environmental triggers but also in response to biological or mechanical events.

Inspection Caveats

The inspection was carried out from ground level. Binoculars were used to observe features higher in the canopies.

Foliage, extension growth and/or bud proliferation were assessed visually.

No soil or tissue samples were taken during this inspection.




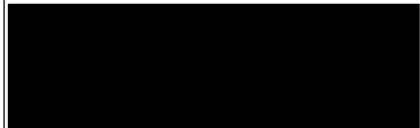
No invasive diagnostic equipment was used to detect decay.

A nylon hammer was used to test for possible decay and dead or loose bark around the lower stems and bases of the trees.

Ivy has been removed during the inspection process only where reasonable and practicable. Where this has not been possible it has been noted as a recommendation to be removed to allow detailed re-inspection.

No tree is ever absolutely safe due to the unpredictable laws and forces of nature.

ARBORICULTURAL METHOD STATEMENT**1.0 CONTACT DETAILS**

Architect	Phil Laurenson	adp Architects Ltd Richmond Court, 94 Botley Road, Park Gate, Hampshire, SO31 1BA 
Arboricultural Consultant	Sarah Johnston	Johnston Tree Consultancy 16 Manor Close, Wickham, Hampshire, PO17 5BZ 
Local Authority Case Officer	Unknown at Present	Planning Services East Hants District Council, Penns Place, Petersfield GU31 4EX 
Local Authority Tree Officer	Adele Poulton	Heritage and Trees East Hants District Council, Penns Place, Petersfield GU31 4EX 

2.0 INTRODUCTION

- 2.1 This Arboricultural Method Statement (AMS) has been produced in line with BS 5837 2012: Trees in relation to design, demolition and construction-Recommendations to aid the successful retention of trees on and adjacent to the proposed development at 63 Princes Road, Petersfield. No development shall take place on the site until this document has been submitted to and approved in writing by East Hants District Council.
- 2.2 This document sets out the methodology for all proposed works that affect trees on and adjacent to the site. Compliance with this method statement will be a requirement of all relevant contracts associated with the development proposals. Copies of this document will be available on site for inspection.
- 2.3 For details of trees to be retained and location and types of special protection methods, reference should be made to the Tree Protection Plan (TPP). A copy of which should be displayed prominently on site.

3.0 PHASING OF DEVELOPMENT

3.1 Phase 1 – Pre Development Phase

Tree Work

Tree work will be carried out prior to any demolition or construction taking place.

Tree Number and Species	Work Required
T1 Sycamore	Remove
H1 Cypress	Remove

Protective Barriers

Tree protection measures to be installed under the supervision of the retained Arboriculturalist for all the trees.

The protective barriers erected will be in accordance with Figures 2 and 3 of BS 5837:2012 (**Appendix 4 and 5**) and will form the boundary of the construction exclusion zone (CEZ). Where feasible, the positions of the fencing will be based on a distance equivalent to the radius of each tree's RPA. Once erected all weather signage should be displayed stating 'Tree Protection Area Keep Out'.

Area for Mixing Materials and Storage

The storage of materials and equipment can be outside of the RPAs of any retained tree.

3.2 Phase 2 – Construction Phase

Protective Barriers

Once established the protective barriers are not to be moved without written consent from East Hants District Council

4.0 GENERAL ARBORICULTURAL CONSIDERATIONS

- 4.1 Protective barriers must be regarded as sacrosanct, and must only be moved under direct supervision of the LPA or named Arboriculturalist to enable the undertaking of works within the RPAs of trees, as set out in this AMS, and approved in writing by the LPA. It is of paramount importance the fencing is repositioned correctly after any agreed operations.
- 4.2 No materials, chemicals, machinery or vehicles must be stored within the RPAs as defined on the TPP and identified on site by protective fencing and aboveground root protection.
- 4.3 Ground protection must not be lifted or removed without prior consultation with the LPA or named Arboriculturalist.
- 4.4 Damage caused to protective fencing or ground protection must be reported to the site supervisor and the named Arboriculturalist to ensure appropriate repair.
- 4.5 Any damage to retained trees must be reported without delay to the site supervisor, the LPA and the named Arboriculturalist so appropriate remedial work can take place without delay.
- 4.6 No materials that are likely to have an adverse effect on tree health such as oil, bitumen or cement will be stored or discharged within 5 metres of the trunk of the retained trees or any other trees on the site.
- 4.7 No fires will be lit on site.
- 4.8 Notice boards, telephone cables or any other signage or services are not to be attached to any part of the retained trees.

5.0 SUPERVISION AND MONITORING

- 5.1 The project Arboriculturalist shall be responsible for monitoring/supervising the following works.

- Establishment of protective barriers
- Periodic inspection to ensure protective barriers are in situ and undamaged

5.2 The project Arboricultural Consultant will be responsible for periodical monitoring and will inspect the protective fencing to ensure the CEZ is intact and monitor any works necessary within the exclusion zone. A record of site visits will be maintained for inspection on site and copies forwarded to the agent and planning authority when requested.

Please note this AMS is not a contract. The retention and services of a project Arboriculturist for supervision and monitoring must be agreed prior to commencement of construction operations



CREDENTIALS OF THE AUTHOR

Sarah Johnston M. Arbor. A., B.Sc. Arboriculture has worked in the Arboricultural profession for thirteen years. Her experience has been gained from undertaking practical tree work as well as working as an Arboricultural Surveyor and Tree Officer for Eastleigh and Havant Borough Councils respectively. In addition Sarah worked as a consultant for Marishal Thompson for two years from 2005 when she became self-employed. Sarah is a Professional Member of the Arboricultural Association and holds Professional Indemnity Insurance.