

xxxx 2020
CBAxxxx v1

(client)

ARBORICULTURAL IMPLICATIONS ASSESSMENT

Site:



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Colden Common, Winchester, SO21 1TH
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The Complete Arboricultural Consultancy



ARBORICULTURAL IMPLICATIONS ASSESSMENT

Client:	xxxx
Site:	xxxx
Arboricultural Consultant:	xxxx
Date:	xxxx

**THIS REPORT IS ADVISORY ONLY AND SHOULD NOT BE USED AS PART OF
A PLANNING APPLICATION**

1.0 INTRODUCTION

- 1.1 This Arboricultural Implications Assessment (AIA) is for the proposed design layout for the construction of two single-storey extensions and new car parking spaces at the site of xxxx.
- 1.2 This is a basic AIA of the implications that your development will have on the site and the tree stock based on the Proposed Drawings supplied by you. This AIA will highlight specific areas of conflict and ways to mitigate those particular implications.
- 1.3 **Note:** Any mitigating build techniques for foundations, footpaths or car parks etc that are detailed within this report and agreed on will be detailed within the Arboricultural Development Statement (ADS) which forms part of your planning application. The ADS will therefore have to be fully respected or you could be found in breach of your application and a stop notice placed on the site.

2.0 SCOPE AND PURPOSE OF REPORT

- 2.1 This AIA considers the implications that the proposed design layout will have upon the existing tree stock, and also provides solutions to any implications, to ensure the safe and healthy retention of any trees, which are considered to be worthy of retention. The existing tree stock was assessed by a qualified

arboriculturist in accordance with BS5837:2012; the results of this survey exercise have now been overlaid on to your proposed site plans, along with the Root Protection Areas (RPAs) for the trees. This AIA only considers the implications of the works, which are illustrated on the Proposed Drawings. If any changes to the proposed layout are required, then further advice should be sought.

3.0 DEFINITION OF ROOT PROTECTION AREA (RPA)

- 3.1 The RPA of a tree is defined in BS5837:2012 as a “*layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree’s viability, and where the protection of the roots and soil structure is treated as a priority*”. This is calculated as an area based on the stem diameter of the tree. It is usually considered to be a circular shape centred on the trunk of the tree, unless an arboriculturist considers site factors may have affected this.

4.0 TREE PRESERVATION ORDER STATUS

- 4.1 CBA Trees was not instructed to investigate whether trees on or adjacent to the site are protected by a Tree Preservation Order or located within a Conservation Area. The client is advised to obtain written confirmation from xxxx Council to establish the legal status of these trees prior to any works being undertaken, outside the remit of an approved planning application.

5.0 ARBORICULTURAL IMPLICATIONS ASSESSMENT

- 5.1 The approved footprint of the building is located on the edge of the RPA’s for Trees 1 and 2. There is an approved footpath around the edge of the building that also encroaches into the RPA’s of Trees 1 and 2. Furthermore there is an approved surface water man hole and drain connecting to the existing that runs under these two trees. It is not deemed feasible to retain these trees.
- 5.2 The approved footprint of the building, the footpath and the new service runs significantly implicate Trees 3 and 4. These trees would have to be removed to facilitate the approved development.
- 5.3 The approved development footprint is located on the edge of the RPA for Tree 6 and approximately 1m from the RPA of Tree 5. It is believed that these trees could be retained. However, the approved service run and footpath will prove to be problematic. The approved service run will need to be excavated by hand

under the supervision of the retained arboricultural consultant. The approved footpath will need to be of a 'No Dig' construction incorporating a load suspension system. This option will have to be considered due to the level implications.

- 5.4 Trees 7-17 will all need to be removed to facilitate the approved planning permission, the construction of the approved footpath, service runs and allow for working space.
- 5.5 Trees 18-21, 23 and 24 can all be retained as part of the approved development. These trees will require a Tree Protection Barrier for the duration of the project.
- 5.6 Trees 25, 26, 27, 28, 29, 33 and 34 are all heavily implicated by the approved development. These trees will need to be removed to facilitate the approved development.
- 5.7 Trees 30 and 31 are located on the opposite side of a large drainage ditch. It is not thought that there will be significant roots from these trees on the side of the approved development, therefore these trees can be fully retained and protected.
- 5.8 It appears from the plans that you are proposing to construct over the existing drainage ditch in close proximity to Trees 30 and 31. **Can you provide details of how you are proposing to do this?**
- 5.9 There are 5 approved parking spaces that encroach onto Trees 35 and 36. **Is it possible to alter the position of the parking bays?** Trees 35 and 36 have been indicatively plotted; their positions will need verifying on site. They are located in a hollow and the ground levels will need to be raised to meet those of the existing road. It is recommended that the levels are built up with a no fines stone on a geotextile membrane. It is also recommended that a geogrid or similar is used to provide a structure for the stone. i.e. Cellweb.
- 5.10 Trees 39-41 will need to be removed to allow for the construction of the approved car parking spaces.
- 5.11 Tree Protection Barriers (two stages in places) and Ground Protection will be required for certain trees on the site for the duration of the development.
- 5.12 Mitigation tree planting will be required as part of the landscaping scheme. **Is there a landscaping scheme being designed that incorporates tree planting?** If there is it would benefit the final report if the number of replacement trees can be detailed.
- 5.13 xxxx Council have conditioned a pre commencement site meeting and arboricultural supervision/inspections for the duration of the project. CBA Trees generally recommends one pre commencement meeting followed by one site

inspection meeting on monthly basis. Any areas that require supervision can be included on the same day as the site inspection.

I trust you find the information included within this report clear and concise. If you have any questions please do not hesitate to contact me and once we have received your response and comments regarding the above we will be in a position to consider the next stage of the planning process, the Arboricultural Development Statement (ADS), which will support the discharge of conditions.



EXAMPLE

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