

COPSEYS NURSERY
HAVANT

**Arboricultural Impact
Assessment for
Phase 2 re-plan**

Prepared by
ACD
ARBORICULTURE

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Ecology
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Landscape Architecture

For
BARRATT HOMES

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1. Introduction

- 1.1. Barratt Homes instructed ACD Arboriculture in July 2014 to prepare the following impact assessment.
- 1.2. Following the recommendations of the British Standard¹, this report includes the necessary information to support a planning application. It demonstrates that the impact, both direct and indirect, of the proposed development within the site, has been assessed and where appropriate, mitigation and tree protection proposed.
- 1.3. The implementation of any protection methods and special construction details recommended within this report are critical for ensuring the retained trees are successfully protected through the construction process and must be implemented prior to any work on site.
- 1.4. This assessment is based upon the supplied layout drawing, ref: P974/RP/02.
- 1.5. The controlling authority is Havant Borough Council, who can be contacted at: Civic Centre Road, Havant, Hampshire PO9 2AX, Tel: (023) 9247 4174.
- 1.6. This assessment considers the impact of the development on the constraints posed by the retained trees (both beneath ground: the root protection area (RPA), and above ground: the canopy).
- 1.7. Direct impact from development comes in six main forms: 1) Surface installation within RPAs, 2) Root loss from excavation for foundations, drainage and other utilities within RPAs, 3) Soil stripping, removal and level changes within RPAs, 4) Excessive access facilitation pruning to retained trees, 5) Soil compaction from storage and vehicle movements within RPAs, 6) Soil contamination.
- 1.8. Indirect impact can come from changes to the site hydrology, future pressure to prune or fell, failure of trees exposed by removal of neighbouring trees, and other environmental changes which can take several years to manifest.

¹ BS5837:2012 *Trees in relation to design, demolition and construction- Recommendations*, London: British Standards Institute

2. Arboricultural Impact Assessment

- 2.1. There is an existing planning consent for this site.
- 2.2. This site is part of a larger site consisting of the Manor Farm, and Copsey's Nursery sites. Phase 1 of the consent is currently well underway.
- 2.3. This re-plan address a portion of the former Copsey's Nursery site, and is the area originally covered by the glasshouses.
- 2.4. There is a Tree Protection Plan for the whole site. The fencing detailed on the plan already in place across much of the site (where construction is underway). It has been subject to various progress meetings with the LPA tree officer, and additional involvement from ACD during construction.
- 2.5. The proposed changes to the layout allow for the original tree protection to be retained, as the line of the extant protection scheme does not change.
- 2.6. The only element of the new design that is closer to retained trees is the Community Centre. It is still outside of the root protection areas of the nearest Oak T32, but a new footpath is proposed within it (figure 1).
- 2.7. If the path was to be installed in a traditional manner, then a loss of roots could be expected. To avoid this impact, and damage to the tree, a no-dig footpath will be used. This will be placed upon the existing ground, using a tree friendly construction method: a cellular confinement system (CCS). This approach is recommended in British Standard BS5837 and is consented to elsewhere on site. Therefore, this small section of path, must be deemed acceptable.
- 2.8. To enable the council to secure its delivery, a suitably worded planning condition should be included within any planning consent, allowing for the supervised installation of the no-dig path.
- 2.9. As this is the only arboricultural implication from the re-plan, and this can be suitably addressed, it is concluded that the re-plan scheme must therefore be arboricultural acceptable.

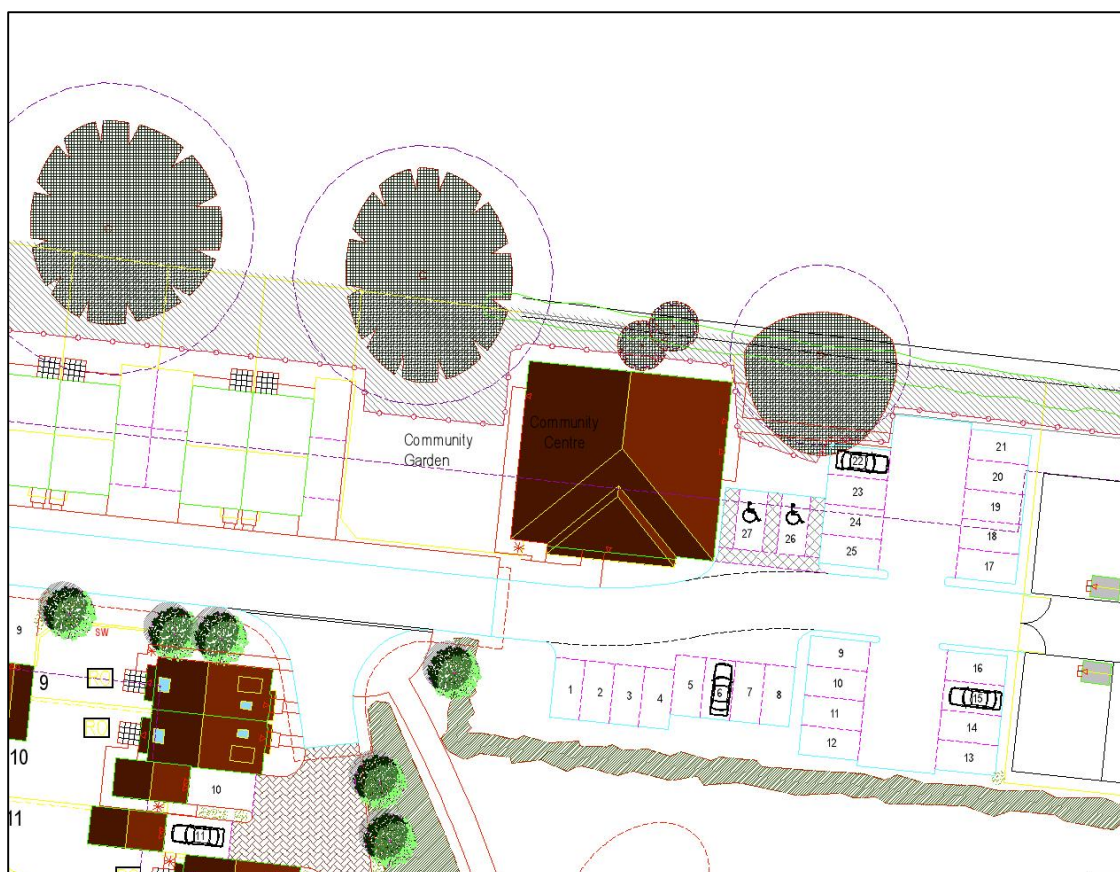


Figure 1: re-plan of Community Centre with new footpath through T32's RPA (to right)

Existing/extant tree protection line shown

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