

Section 2: Arboricultural method statement

~~excavated by hand to a depth of 1m in advance of piling, to confirm upon the absence of large or significant root masses. In the event that such roots are encountered then the hole will be backfilled and an alternative location sought along the line of proposed built form. Rainwater will be directed to the underside of the extension via down pipes from the roof of the building. All works will be subject to arboricultural supervision. Specific guidance and examples of these constructed based approaches in proximity to trees is set out within Appendix 3.~~

2.4.6 Installation of new access and low level entrance walls

The new access point will be established at the existing location of tree 48 (which is to be removed), and as such it is expected that the majority of rooting occurring within this area will be associated with that tree and indeed the roots of the recently removed shrubs and hedging that were located at this location. Levels will be carefully and gradually reduced within the existing hard standing area north of this location and extend southwards so that a level connection can be made with the public realm. The new entrance ways either side of this access way will be constructed using pad and beam footings to limit the requirement for excavation and to ensure that any encountered roots will be retained. All works and any ancillary soft landscaping establishment will be subject to appropriate arboricultural supervision and undertaken in accordance with the specific guidance outlined in Appendix 3.

2.4.7 Installation of new services or upgrading of existing services

It is often difficult to clearly establish the detail of services until the construction is in progress. Where possible, it is proposed to use the existing services into the site and keep all new services outside RPAs. However, where existing services within RPAs require upgrading or new services have to be installed in RPAs, great care must be taken to minimise any disturbance. Trenchless installation should be the preferred option but if that is not feasible, any excavation must be carried out by hand according to the guidelines in Appendix 3 (paragraph 22). If unexpected services do need to be installed within RPAs, written approval must be obtained from the LPA before any works are carried out.

2.4.8 Removal of protective measures

All protective barriers must remain in place until the construction activity is finished and there is no realistic risk of damage to the protected soil surfaces.

2.4.9 Landscaping and reinstatement

The final tidying up and reinstatement can only be carried out when all the protective barriers have been removed, which means great care is needed by all the contractors to observe the tree protection requirements. No machines can be used within RPAs, which specifically includes rotovators, and all new planting and soil level variations must be

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2.4.2 Closure of existing access and reconfiguring of existing hard surfacing to form new car parking area

The existing access adjacent to tree 35 will be permanently closed. The existing surfacing within this area will be reconditioned to form new designated car parking bays for staff and visitors to the care unit. All reconditioning works will be limited to the existing wearing course of the installed surfacing. The narrow strip of land that will emerge (the previous driveway cross over point from site to public realm) will be returned to soft landscape. These works will be subject to arboricultural supervision and undertaken in accordance with the guidance set out in Appendix 3 (paragraphs 7–17).

2.4.3 Removing existing outbuildings

The existing outbuildings at the northeastern corner of the site will be removed with care by operatives using equipment positioned on existing areas of hard standing. All arisings will be removed from site. Where appropriate the foundations of these outbuildings and any associated hard surfacing will be retained to serve as suitable ground protection. Once the development has moved to its latter stages then such retained foundations and surfacing will be carefully broken out by hand and replaced with new soft landscape. All demolition works and any subsequent soft landscaping establishment will be subject to appropriate arboricultural supervision and undertaken in accordance with the specific guidance outlined in Appendix 3.

2.4.4 Installation of new swimming pool facility

The new swimming pool facility will be constructed in the area currently occupied by the outbuildings and associated hard standing. Due to its proximity to tree 63 this new building will be constructed on custom designed foundations that will ensure that the depth of ground beams will not extend beneath the depth of the existing foundations of the outbuildings or the sub base of the hard surfacing. Short bored piles will be formed at locations confirmed to be free of significant roots (following hand dug trial excavations) by a low level piling rig operating on retained hard standing or temporary installed ground protection. All works will be subject to appropriate arboricultural supervision and undertaken in accordance with the specific guidance outlined in Appendix 3.

~~2.4.5 Installation of new extension to western most residential care unit~~

~~Due to its proximity to trees 26 and 27 the proposed single storey extension to the westernmost care unit will be constructed using mini pile foundations. The use of this foundation approach will ensure that a void can be retained at the underside of the ground beam. The establishment of this void will ensure that air and moisture levels within the soil volume beneath the extension can be maintained at their current level and thus remain viable for tree root activity and presence. All piles will be installed using a low level piling rig and the intended location of each pile will be carefully~~

Validation statement for LPA registration

Validation statement

This report contains the supporting tree information relating to the development proposal to establish an improved highway access arrangement, a detached single storey swimming pool facility and ~~a single storey extension to the western most existing care unit building~~ at 42 Bedhampton Hill, Havant.

For Local Planning Authority (LPA) validation purposes, this report contains the following:

- A full tree survey compliant to the requirements of *BS5837: (2012 Trees in relation to design, demolition and construction – Recommendations* undertaken by a qualified arboriculturist
- A plan with a north point showing tree survey information, including BS 5837 categories
- An assessment of the arboricultural implications of development, detailing trees to be retained and removed, and the proposed protection measures (Section 1)
- An arboricultural method statement describing a feasible means of tree protection, its implementation and the phasing of works (Sections 2 and 3)