

Tree protection plan

Location of trees, categorisation & protection/management proposals for land east of Castle Avenue, Havant, Hampshire

Barrell Plan Ref: 18295-BT2

Provided Plan Refs: ENC-05.12.16-6X4 & Master Model.dwg

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TREE CONSULTANCY

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TX

BS category A

Trees of high quality

TX

BS category B

Trees of moderate quality

TX

BS category C

Trees of low quality

TX

Trees to be removed

Proposed layout

Estimated tree positions not included on original land survey and/or adjusted crown spreads

Protective barrier/fencing

Construction exclusion zone (CEZ)

Precautionary Areas

Construction exclusion zone protected by ground protection

Root protection area (RPA) boundaries for category A and B trees

Root protection area (RPA) boundaries for category C trees

Construction of the new footpath within the RPAs of T5 and T6 will use a no-dig construction design in accordance with SGN 9. Access inside the tree protection for footpath construction will be limited to areas of ground protection. No mixing or storage of materials will be allowed directly on the soft landscape within the RPA.

| Tree schedule               |                   |          |            |                                                                                                                                |
|-----------------------------|-------------------|----------|------------|--------------------------------------------------------------------------------------------------------------------------------|
| Tree No                     | Species           | Category | RPA Radius | Tree Works                                                                                                                     |
| All retained trees & hedges |                   |          |            | Carry out safety check and lift over site to 3-4m as necessary.                                                                |
| T1                          | Ash               | C        | 12.0       | Fell for development                                                                                                           |
| T2                          | Sycamore          | C        | 6.0        | Fell for development                                                                                                           |
| T3                          | Elder             | C        | 2.4        | Fell for development                                                                                                           |
| T4                          | Holly             | C        | 2.4        | -                                                                                                                              |
| T5                          | Oak               | B        | 12.0       | -                                                                                                                              |
| T6                          | Oak               | A        | 9.9        | -                                                                                                                              |
| T7                          | Beech             | B        | 4.5        | -                                                                                                                              |
| T8                          | Oak               | C        | 4.8        | -                                                                                                                              |
| T9                          | Birch             | C        | 3.6        | -                                                                                                                              |
| T10                         | Oak               | B        | 4.8        | -                                                                                                                              |
| T11                         | Oak               | C        | 3.6        | -                                                                                                                              |
| T12                         | Elder             | C        | 3.0        | -                                                                                                                              |
| T13                         | Elder             | C        | 3.0        | Fell for development                                                                                                           |
| T14                         | Hawthorn          | C        | 3.6        | Fell for development                                                                                                           |
| G15                         | Hawthorn          | C        | 4.8        | Fell for development (part) and prune back to achieve a 2-3m clearance between the canopy edge and the proposed building line. |
| T16                         | Cherry            | C        | 3.6        | -                                                                                                                              |
| T17                         | Field maple       | C        | 5.4        | -                                                                                                                              |
| T18                         | Field maple       | C        | 3.6        | -                                                                                                                              |
| G19                         | Leyland cypress   | C        | 4.8        | -                                                                                                                              |
| T20                         | Hawthorn          | C        | 2.4        | -                                                                                                                              |
| T21                         | Oak               | B        | 9.6        | -                                                                                                                              |
| T22                         | Sycamore          | C        | 2.4        | Fell for development                                                                                                           |
| T23                         | Hawthorn          | C        | 3.6        | Fell for development                                                                                                           |
| H24                         | Cypress           | C        | 1.8        | -                                                                                                                              |
| G25                         | Elder, plum       | C        | 2.4        | -                                                                                                                              |
| T26                         | Cypress           | C        | 2.4        | -                                                                                                                              |
| G27                         | Hawthorn, cypress | C        | 2.4        | -                                                                                                                              |
| T28                         | Cercis            | B        | 3.6        | -                                                                                                                              |
| T29                         | Oak               | B        | 12.0       | Prune branch ends to achieve a 2-3m clearance between the canopy edge and the proposed building line.                          |
| T30                         | Hawthorn          | C        | 3.6        | -                                                                                                                              |
| T31                         | Weeping willow    | C        | 7.2        | -                                                                                                                              |
| T32                         | Oak               | B        | 12.0       | -                                                                                                                              |
| G33                         | Mixed shrubs      | C        | 1.8        | -                                                                                                                              |
| T34                         | Hawthorn          | C        | 3.0        | -                                                                                                                              |
| G35                         | Hawthorn, plum    | C        | 3.6        | -                                                                                                                              |
| T36                         | Sycamore          | C        | 2.7        | -                                                                                                                              |
| T37                         | Sycamore          | C        | 3.0        | -                                                                                                                              |
| T38                         | Purple plum       | C        | 3.0        | -                                                                                                                              |
| T39                         | Sycamore          | B        | 4.8        | -                                                                                                                              |
| G40                         | Hawthorn, laurel  | C        | 3.6        | -                                                                                                                              |
| H41                         | Hawthorn          | C        | 1.5        | -                                                                                                                              |

SGN 1

Monitoring tree protection

Always:

have a pre-commencement meeting with the tree consultant before development starts

use the tree consultant to regularly check that protection remains fit for purpose

use the tree consultant to supervise work in RPAs

keep a written record of supervision

SGN 2

Fencing protected trees

Always:

install protection before development starts

make sure protection is fit for purpose, i.e. it prevents damage to trees and soil

keep protection in place until there is no risk to trees

get written permission to move or remove any protection

SGN 3

Ground protection

Always:

install protection before development starts

make sure protection is fit for purpose, i.e. it prevents damage to trees and soil

keep protection in place until there is no risk to trees

get written permission to move or remove any protection

SGN 4

Pollution control

Always:

keep toxic products away from RPAs

SGN 7

Excavating in RPAs

Always:

use the tree consultant to supervise work in RPAs

use hand tools to dig in RPAs

protect exposed roots from sunlight and drying out

SGN 9

Installing/upgrading surfacing in RPAs

Always:

use the tree consultant to supervise work in RPAs

minimise damage to roots and disturbance to soil in RPAs

minimise excavation when installing or upgrading surfacing in RPAs

SGN 11

Installing services in RPAs

Always:

use the tree consultant to supervise work in RPAs

select the least damaging option when installing services, so prioritise trenchless, over broken trench over continuous trench

hand-dig trenches if trenchless is not feasible

SGN 12

Landscaping in RPAs

Always:

use the tree consultant to supervise work in RPAs

avoid raising ground levels within 1m of the trunks of retained trees

How to use plan

More detailed guidance on each Site Guidance Note (SGN) can be found in a printed hard copy compilation of all the SGNs, issued to the Site Manager at the pre-commencement site meeting (Note: This should be retained on site throughout the duration of works). Additionally, an electronic pdf compilation of all the SGNs, was submitted with this drawing to the local planning authority and the client. Alternatively, a pdf of each SGN can be downloaded by:  
1. clicking the image links in the electronic pdf version of this plan;  
2. holding a mobile phone QR (Quick Response) code reader over the QR code in the paper version of this plan; or,  
3. visiting our website at <https://www.barrelltreecare.co.uk/resources/technical-guidance>

New footpath within the RPA of T21 will use a no-dig construction design in accordance with SGN 9. Prior to construction the RPA outside of fencing must be protected by ground protection in accordance with SGN 3.