

Tree protection plan

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

Barrell Plan Ref: 18295-BT1

Provided Plan Refs: ENC-05.12.16-6X4 & A-02-010-ATP

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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.

Minor pruning of branch ends of T6 is required to achieve a 2-3m clearance between the canopy edge and the proposed building line.

Area of ground protection to allow construction access within RPAs in accordance with SGN 3.

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Any works around the existing pond will affect adjacent trees and must be carried out under arboricultural supervision and in accordance with SGN 7, SGN 10, and SGN 12.

The construction of the Local Area for Play 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.

Minor pruning of branch ends of T29 is required to achieve a 2-3m clearance between the canopy edge and the proposed building line.

Construction of the new footpath within the RPA of G15 will use a no-dig construction design in accordance with SGN 9. Prior to construction the RPA outside of the fencing must be protected by ground protection in accordance with SGN 3.

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.

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	-
T3	Elder	C	2.4	-
T4	Holly	C	2.4	-
T5	Oak	B	12.0	-
T6	Oak	A	9.9	Prune branch ends to achieve a 2-3m clearance between the canopy edge and the proposed building line.
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 10

Installing structures in RPAs

Always:

use the tree consultant to supervise work in RPAs

hand-dig pile, pad, or post locations down to at least 60cm

protect RPAs from contamination from poured wet concrete

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>