Tree Location Plan and Work Information

March 2024

St Botolphs Court, Worthing

Report Reference Number: 0884

Version: One

Date: 14 March 2024

Site address:
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St Botolphs Road
Worthing
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Contents

		Page
1.0	Site history and tree significance	4
2.0	Outline of trees' condition	4
3.0	Tree location plan	6
4.0	Recommendation for tree work	7
5.0	Tree photographs	8

Surveyors Details			
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Details:

Purpose of the report:

This report is intended to provide information to support the tree works notification for trees within a conservation area (S211 Notice).

Included within the contents of this report is:

- Outline of tree condition
- Tree location
- Recommendation for tree work
- Tree information tables and photographs

Client: DFC Property Management Ltd

Date: 14 March 202414 March 2024

Report prepared by: Mr B Tidey FdSc (arb) of The Arboricultural Consultancy Ltd

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Site Details:

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Preservation Order references:

Worthing TPO. 11 of 1988, Leyland Cypress of group G1 x3

Report Outline Information

All tree inspections, unless specified, have been undertaken from ground level and using non-invasive techniques. Comments contained within the report on the condition and risk associated with any tree relate to the condition of the tree at the date and time of survey. Please note that the condition of trees is subject to change. This change may occur but is not limited to biological and non-biological factors as well as mechanical/ physical changes to conditions in the proximity of the tree. Trees should be inspected at intervals relative to identified site risks and in accordance with relevant HSE and Central Government guidance. The Arboricultural Consultancy can provide further information on this matter if required. Where tree surgery works have been identified these should only be undertaken after checks with the relevant authority have been made, it is necessary to ensure that works may lawfully be undertaken. Up to date checks should be made as to the possible protection status of trees/ vegetation or land they are located within, these checks should cover, but are not limited to; Tree Preservation Orders (TPOs), Conservation Area, planning conditions, Areas of Outstanding Natural Beauty (AONBs), Ramsar, Special Protection Areas (SPA), Special Areas of Conservation (SAC), Sites of Special Scientific Interest (SSSI). Locations of designation can be found at http://magic.defra.gov.uk/MagicMap.aspx and further advice on designations can be found at http://jncc.defra.gov.uk. Further advice on TPOs, Conservation Areas or planning condition can be found with the local governing organisation. All works should be undertaken in accordance with the appropriate Duty of Care. This should include, for example, site specific risk assessments and due diligence inspections for the presence of protected species. Any comment relating to 3rd party trees has been made without full access to the tree(s). Should these trees have any impact on the site we would advise you to instruct us to contact the third party and undertake further inspection work.

This survey and report have been undertaken and produced by The Arboricultural Consultancy Ltd. All information within this report was correct at time of assessment.

[redacted]

Ben Tidey FdSc
Consultant Arboriculturist
Thursday, 14 March 2024

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1.0 Site history and tree significance

The group of Leyland cypress trees included within this report is subjected to a Tree Preservation Order (TPO) (*Worthing Tree Preservation Order No. 11 of 1988).*

Since the implementation of the TPO there have been multiple applications for tree works that have kept the trees in order, most recently in March 2022 there was an application to remove the tree group, this application was refused by the local authority, they commented:

"The proposed works are to fell and replace all 24 Leyland Cypress trees of group G1, suggesting that the trees have become too large for any other works. The group of Leyland Cypress trees G1 have a significant presence to the area, and it is considered that other works could be carried out such as reduction in crown height and radial spread. The crowns are relatively high with most of the shade being cast by other smaller trees, plants and Ivy."

Given the council's stance on the tree value and the fact that a tree has failed in the group action is required that maintains the trees' presence/value while managing the trees to reduce the likelihood of failure.

2.0 Outline of trees' condition

Tree group is located along northern boundary, trunks located circa 500mm from wall, wall acting as retaining wall with height drop on north. Trees are topped and have lateral branch pruning with significant regrowth. Group height of 15-20m.

T1 Leyland cypress, crown spread N5m, E2m, S5m, W5m, DBH c.600mm, Ivy on trunk base, major deadwood in crown, wall to west of trees defected by tree.

T2 Leyland cypress, crown spread N6m, E2m, S7.5m, W2.5m, DBH c.500mm, Ivy on trunk base, major deadwood in crown.

T3 Leyland cypress, crown spread N6m, E2m, S7m, W2m, DBH c.500mm, Ivy on trunk base, major deadwood in crown.

T4 Leyland cypress, crown spread N6m, E2m, S7m, W2m, DBH c.400mm, Ivy on trunk base, major deadwood in crown.

T5 Leyland cypress, crown spread N6m, E2m, S2m, W2m, DBH c.350mm, Ivy on trunk base, major deadwood in crown trunk leaning over car parking.

T6 Leyland cypress, crown spread N6m, E3m, S8m, W5m, DBH c.550mm, Ivy on trunk base, trunk 250mm from boundary wall.

T7 Leyland cypress, crown spread N5m, E1.5m, S4m, W1.5m, DBH c.500mm, supressed form, major deadwood in crown.

T8 Leyland cypress, crown spread N6m, E1.5m, S7 m, W3m, DBH c.400mm, major deadwood in crown, damage to bark on lower trunk with heartwood exposed, no indication of decay, early occlusion.

T9 Leyland cypress, crown spread N6m, E2m, S7.5m, W2m, DBH c.400mm, branching overhanging neighbouring roof, tree twin stem at 1m with early included bark union.

T10 Leyland cypress, crown spread N7m, E4.5m, S8 m, W2m, DBH c.600mm, branching overhanging neighbouring roof, major deadwood in crown.

T11 Leyland cypress, crown spread N6m, E3m, S7.5m, W4m, DBH c.700mm, Ivy on trunk base, trunk 350mm from boundary wall.

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T12 Leyland cypress, crown spread N6m, E3m, S3m, W2m, DBH c.350mm, asymmetric form with lean to northwest, trunk 100mm from boundary wall.

T13 Leyland cypress, crown spread N4m, E2m, S7m, W3m, DBH c.300mm.

T14 Leyland cypress, crown spread N5m, E2m, S4m, W4m, DBH c.400mm.

T15 Leyland cypress, crown spread N5m, E2m, S7m, W2m, DBH c.500mm, Ivy on trunk.

T16 Leyland cypress, crown spread N4m, E1m, S2m, W1m, DBH c.250mm, Ivy on trunk, supressed form.

T17 Leyland cypress, crown spread N6m, E3m, S7m, W2m, DBH c.550mm, trunk lean to east with vertical upper spires, tree resting on adjacent tree.

T18 Leyland cypress, crown spread N5m, E2m, S6m, W1m, DBH c.300mm, in contact with adjacent tree.

T19 Leyland cypress, crown spread N5m, E2m, S1m, W2m, DBH c.250mm, asymmetric crown to north over building, soil movement from proximity to windthrown tree.

T20 Leyland cypress, crown spread N3m, E1m, S6m, W2m, DBH c.200;220mm, soil movement from proximity to windthrown tree.

T21 Leyland cypress, crown spread N6m, E1m, S7m, W1m, DBH c.300mm, soil movement from proximity to windthrown tree, broken branching in crown, branching in contact with wall.

T22 Leyland cypress, stump only.

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3.0 Tree location plan



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4.0 Recommendation for tree work

The fallen tree shall be cleared up and the trunk cut down to ground level, this tree requires a replacement tree to be planted.

- Trees T19, T20 and T21 shall be removed/felled, and replacement trees planted.
- The 4no. replacement trees shall be of Leyland cypress species and planted in the spaces between the removed tree stumps. These trees will take over the TPO from the removed trees.

The trees at this site T1- T18 form a cohesive group and shall be managed as such.

These trees shall have a reduction of:

- Northern face by up to 2m ensuring to leave foliage on branching,
- Eastern end no pruning required,
- Southern face by up to 2m ensuring to leave foliage on branching,
- Western end by up to 1.5m ensuring to leave foliage on branching,
- The trees' height to be reduced down by 5m (circa 25-30%),
- The trees shall all have dead and broken parts removed from the crowns,
- Ivy shall be removed from lower trunks severing it at ground level, as the Ivy is removed the trunks shall be inspected for any obscured defects.

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5.0 Tree photographs



Figure 1. Eastern end of group showing fallen tree and remaining trees



Figure 2 . T22 root ball from fallen tree

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Figure 3. Tree crowns overhanging building on northern aspect

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Figure 4. Overview of tree crowns from southwest



Figure 5. Overview of group from northwest

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Figure 6. Proximity of trunks to retaining wall

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End of Report

The Arboricultural Consultancy is a based in Sussex, covering the South East of England. We specialise in comprehensive tree management surveys, reports, and advice. Our expertise is invaluable in ensuring compliance with health and safety regulations, meeting development requirements, and fulfilling Tree Preservation Order (TPO) and Conservation Area obligations.

We take pride in offering professional and reliable services that prioritise the health and longevity of trees. Our team is dedicated to providing expert guidance and recommendations that align with your objectives and environmental stewardship.

With our extensive knowledge in arboricultural science, we deliver accurate and detailed assessments that inform sound decision-making. Trust us to be your trusted partner in responsible tree management.

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