

Tree Survey: Schedule

Method: Visual Tree inspection references, Principles of Tree Hazard Assessment and Management by David Lonsdale and The body language of trees by Claus Mattheck and Helge Breuer. The Arboricultural Association guidance note 7 tree surveys a guide to good practice. Lantra award Professional tree inspection. BS5837: 2012 Tree in relation to design, demolition, and construction recommendations.

Front Garden of 'Craigower' Church Lane, North Hayling, PO11 0SB, – Inspection 12th November 2020 by Arboricultural Consultant: Kim Gifford (fine weather conditions).

My brief is to carry out an assessment to determine the influence direct or indirect of the Tulip tree removal would have on the building.

I am to make recommendations on the immediate and future management of the subject tree based on the findings at the time of inspection.

- **Tree Number: T1**
- **Species: *Liriodendron tulipifera* (Tulip Tree)**
- **Height: 18m**
- **Stem diameter: 600mm**
- **Crown spread: N4m E4m S4m W4m**
- **Clearance: 3m>**
- **Root Radius: 7.2m (as Annex D BS 5837:2012 table)**
- **RPA m2 = 163m squared**
- **Age Class: Mature**
- **Physiological Condition: Normal**
- **Structural Condition: main union at 1m has a poor bark inclusion defect, crown previously pruned with extensive regrowth.**
- **Estimate Life expectancy: 20>**

Distance from house 3m

Roots and buttresses : Normal

Conclusion: This specimen would appear to be estimated 50/75 years old, and probably planted as an ornamental specimen. The client mentioned that there appears to be no existing damage to the property to their knowledge in relation to the Tulip tree. This would indicate that there has been no subsidence relating to clay type soils in this location. I would therefore conclude that the removal of this specimen would not cause heave and unlikely to cause direct or indirect influence to the property. It is unnecessary to implement staged removals in this location in fact should there be seasonal amplitudes damage may occur.

Recommendation: Section fell the Tulip tree and remove the stump by stump grinding in accordance with BS3998: 2010 recommendations. Prior to carrying out any tree work, all trees recommended for tree work/removal including their immediately adjacent trees, will be inspected for bird nests (wholly and partially built ones). In the event nests are found, the tree work will not be carried out until the trees are found to be free of the nesting birds and their young. This is a requirement under the Wildlife & Countryside Act 1981 and The Countryside & Rights Of Way Act 2000. Other legislation including conservation areas or tree preservation order will require permissions from the local authorities before works are undertaken.

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