



Global Tree Care

i_lansley@yahoo.com

Tel. 07747 800628

Arboricultural assessment and report for:

1 Austen Gardens

Bound Lane

Hayling Island

Hampshire

PO11 9FF

Instruction

To inspect and advise for: Condition of one (*Cupressus macrocarpa*) with respect of proposed planning permission for an extension to the existing property. See below.



Limitations

The survey was carried out from ground level and the tree was not climbed. The conclusions have been drawn from my observations, experience and qualifications in arboriculture (30 years).

All dimensions recorded will show if they have been measured or estimated.

Proposal

To extend the existing property. All plans and dimensions are to be supplied by the architect.

Measurements.

The below measurements have been accurately taken for the (*Cupressus macrocarpa*) which has been numbered with a professional tag. Number 02893.

This tree has the following measurements.

Girth 87 cm measured at 1.5 meters from the top side of the minor lean according to regulations.
Height 11.75 top height.

Given these measurements the calculated root protection area of the tree. Calculations can be seen below.

ROOT PROTECTION AREA (RPA) CALCULATOR

Single stem trees			
Diameter at 1.5m above ground level	RPA		
870 millimetres	342.5 m ²	See Note	
equates to circle with radius of		10.4 m	
equates to square with approx		18.5 m sides	
20% Offset		2.1 m	

I have also thoroughly examined this tree for any fungal invasion or basal damage. As can be seen from the following photographs there is a natural twist at the base of the tree which is normal for a tree of this

specie. The crown is in good health but shows a little dieback at the extremities. Given the close coastal location of the property, I would put this down to wind and salt scorch.



I have also examined the crown of this tree. From my experience it is evident that this tree has had its crown previously pruned many years ago. However, without climbing this tree I cannot accurately ascertain the time of this arboricultural work.

There is also another group trees that requires consideration in the front of the property. This consists of 5 *Prunus* and 1 mature Corsican Pine (*Pinus nigra*).



Although this group of trees does not fall into the proposed construction zone, the rootzones must still be protected during construction. As can be seen there is a substantial hard surfaced driveway. This should

be used for any storage of materials and machinery for the duration of the project. No machinery should be allowed to enter any of the grassed areas.



This is vital as the Oak tree (*Quercus robur*) shown is **protected by a tree preservation order**. Although just outside the boundary, the root protection area does extend into the property. I am satisfied that if the grassed area is fenced off and only the hard standing used, no root damage will be done to this or the group of trees that I have identified.

Legal restrictions.

Having consulted with DEFRA I can confirm that this property **does not** fall into a conservation area. Havant Borough Council also confirms that tree number 02893 **does not** have any preservation orders. **There is an Oak tree just outside the boundary which does have a tree preservation order upon it. This must be taken into account.**

Conclusions.

As can be seen by my above calculations, the only tree with any rootzone to be affected by the proposed construction is tree number 02893. If the 20% offset is applied, this gives a root protection area extending to 8.3 meters. Although the proposed extension will encroach into this area the percentage will be very small. There has already been construction in this area and the tree has suffered no detrimental effects.

As this is not a commercial construction site, a simple orange netting can be used to mark out the root protection areas.



This must be put in place before any construction work begins.

Thought should also be given thought to the foundations of the proposed extension in order to minimise any effects to the rootzone of tree 02893. This however is up to the architect to decide upon and will no doubt be included in his plans.

In my professional opinion there will not be any significant damage to the rootzone of tree number 02893, as long as the root protection is correctly marked out. As a result, I can find no arboricultural issue with the proposed extension to this property.

Signed

Ian Lansley 04/05/2021

Tel: (+44) 07579 955733

E-mail: i_lansley@yahoo.com