



Global Tree Care

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Arboricultural assessment/method statement report for:

1B Park Road

Purbrook

PO7 5ER

Surveyed by Ian Lansley 10/7/2017

**Instruction**

To inspect and advise for:

**Tree protection plan and arboricultural method statement.**

**Limitations**

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

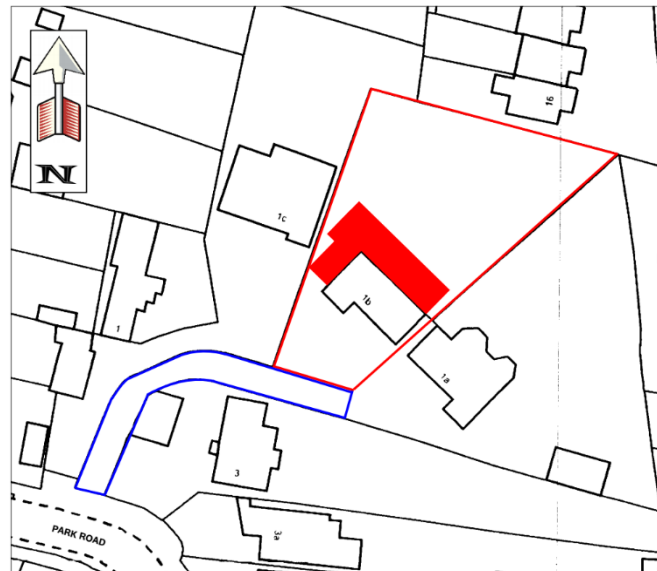
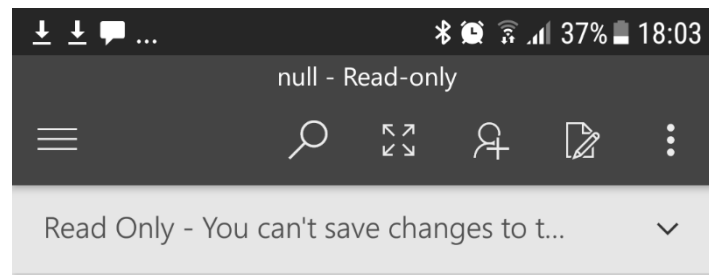
All dimensions recorded will show if they have been measured or estimated. Soil assessments at this time have not been undertaken.

**Proposals**

To extend to the rear of the property as shown below.

## Drawings and documents

The following drawings have been supplied by the owner of the property. See below.

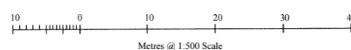


Site Layout Plan

1b Park Road, Purbrook

Scale - 1:500 @ A4 Page Size

*Drawing No. 4731/500*



## Legal restrictions

Following contact with the local Council, and looking at the mapped locations, the following has been confirmed by the owner of the property.

No Tree preservation orders are on site.

The property does not fall into a conservation or protected area.

## Summary of trees on site.

From the following photographs, it is possible to see that the boundary trees in question are in fact overgrown bushes or coppice, being Lilac and Hazel. There is also a small Holm Oak growing close to the boundary from the neighbouring property. The major tree is a Macrocarpa to the rear of the property.



Holm Oak

Hazel

Lilac



Macrocarpa

The trees in question have the following measured dimensions:

Lilac – multi-stem overgrown bush, no DBH measurement possible. Height 5.0m. Basal area 0.8mSq  
Hazel – multi-stem coppice regrowth, no DBH measurement possible. Height 5.3m. Basal area 0.7mSq  
Holm Oak – DBH of largest stem 28cm. Height 10.6m  
Macrocarpa – DBH 67cm, Height 18.7m

The owners of the property intend to remove the lilac as it is a boundary shrub which now grows through both sides of the boundary fence line. This fence line is very dilapidated and in need of replacement. See below.



Lilac encroaching into neighbouring land.

Broken and rotten fence line.

This Lilac is 5m from the present house and 2m from the corner of the proposed extension. As a result of this the rootzone would be affected. Although Lilac is a resilient shrub and would be able to cope with this intrusion, given its location as a garden shrub, I must recommend removal.

The Hazel coppice has also grown across the boundary line and is a further 7 metres from the proposed corner of the extension. The basal area of the coppice has been measured at 0.75msq as there are too many small stems to measure and I do not have access to the neighbouring property. See below.



The root protection area for this bush can be seen below. With the 20% offset a root protection fence can easily be erected to prevent damage to this bush. However, arboricultural work will have to be carried out in order to erect a new boundary fence, due to its increasing size and growth across the boundary line. It may be wiser to remove this coppice at this time.

### Multi stem trees

Basal diameter above root flare

750

millimetres

RPA

176.7

m<sup>2</sup>

See Note

equates to circle with radius of

7.5

m

equates to square with approx

13.3

m  
sides

20%  
Offset

1.5

m

The Holm Oak is on the neighbouring land and has a root protection area calculated to be

Diameter at 1.5m above ground  
level

280

millimetres

RPA

35.5

m<sup>2</sup>

See Note

equates to circle with radius of

3.4

m

equates to square with approx

6.0

m  
sides

20%  
Offset

0.7

m

As this tree is 13m from the proposed extension root protection is easy to assemble

The largest tree on the property is the Macrocarpa with a DBH of 67cm. This calculates to an RPA of:

### Single stem trees

Diameter at 1.5m above ground  
level

670

millimetres

RPA

203.1

m<sup>2</sup>

See Note

equates to circle with radius of

8.0

m

equates to square with approx

14.3

m  
sides

20%  
Offset

1.6

m

Although a long way from any works an RPA exclusion zone should be put in place before any works commence.

An example is shown below of root protection applied on another site. No construction materials should be stored in the area.

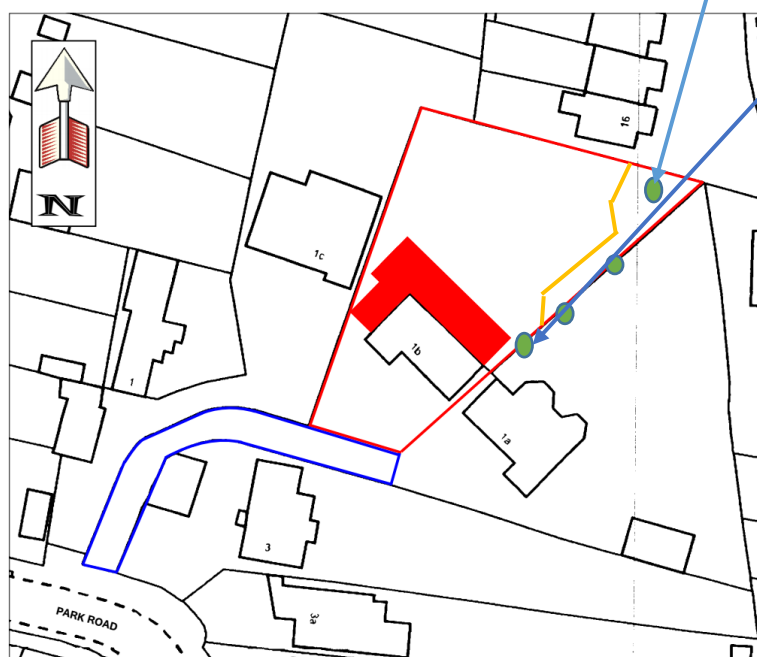
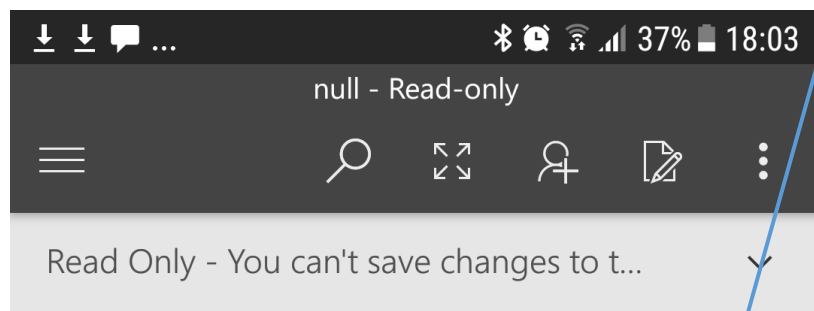


As this is not a commercial build I feel that 1.8m Herras fencing would be a little excessive. Orange plastic netting would be more than suitable to mark out the root protection area.



This should be installed from the rear fence line to encompass the Macrocarpa at a radius of 6.5m and extend along the Eastern boundary by 5m from the existing fence line as shown, cutting in at 5m to encompass the Hazel. The Lilac should be removed as an overgrown existing garden shrub.

— Root protection.      ● Trees/shrubs      Macrocarpa      Lilac

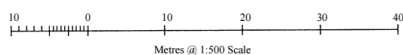


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This must be signed as an RPA. The exclusion zone should also be signposted every 5 meters at a height of 1.8 meters (if suitable) printed on weatherproof material. An example is shown below.

# **CONSTRUCTION EXCLUSION ZONE**

## **KEEP OUT!**

**THE FOLLOWING MUST BE OBSERVED BY ALL PERSONS:**

**THE PROTECTIVE FENCING MUST NOT BE MOVED**  
**NO PERSON SHALL ENTER THE PROTECTED AREA**  
**NO MACHINE OR PLANT SHALL ENTER THE PROTECTED AREA**

**NO MATERIALS SHALL BE STORED IN THE PROTECTED AREA**

**NO SPOIL SHALL BE DEPOSITED IN THE PROTECTED AREA**

**NO EXCAVATION SHALL OCCUR IN THE PROTECTED AREA**

**ANY ACCESS INTO THE PROTECTED AREA MUST BE WITH THE  
WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY**

The root protection zone should also be monitored during construction on a regular basis to ensure it has not been moved, entered or used for any soil deposition or storage during this time.

Given the extent of works on this site I must recommend the above style of root protection area be installed for the duration of the project.

In order to facilitate the construction of this project, the materials used should be stored away from the designated root protection area and access.

### **Conclusions**

Having thoroughly surveyed the trees and compared the plans with the existing ground conditions, I cannot see any significant issues with the proposed planning on this property, if the above recommendations are followed.

Signed

Ian Lansley                      11/8/2017

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