



**Evolution Arbtech,**  
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SY11 3AT

3<sup>rd</sup> February 2021

**Mr O. Thomas,**  
c/o Halls Holdings House,  
Bowmen Way,  
Battlefield,  
Shrewsbury,  
Shropshire,  
SY4 3DR

Dear Ollie,

Please find below the requested statement for the site at Trem Y Glog, Swch-Cae-Rhiw, Llanarmon Dyffryn Ceiriog, LL20 7LD

We have been instructed by Mr O. Thomas of Halls Holdings Ltd to provide a professional statement on the possibility of the creation of a driveway/entrance road close to or within the rooting area of a large oak tree on a site at grid reference SJ 15599 32833. This opinion is based on a visual inspection of the tree, verbal confirmation of previous management from a neighbour. The site inspection has been undertaken by Robert Mays of Evolution Arbtech.

The author of this statement is Robert Mays. He holds a Foundation degree in Arboriculture, a Level 2 Certificate in Arboriculture, he is a licenced practitioner of the CAVAT tree valuation method and holder of the Lantra Basic Tree Inspection certificate. He is a Professional member of the Arboricultural Association of Great Britain and Ireland (Membership No PR6273).

The tree in question is a mature oak tree in a field to the rear of the property Trem Y Glog. Its species and basic statistics are listed in the table below.

| Species                                   | Diameter @ Breast Height (mm) | Overall Height (m) | Crown Spread (m) |
|-------------------------------------------|-------------------------------|--------------------|------------------|
| <i>Quercus robur</i><br>(Pedunculate oak) | 840                           | 16                 | 14.5             |

A trees Root Protection Area (RPA) is calculated at 12 times the stem Diameter at Breast Height (DBH). With the DBH of this tree at 0.84m this makes for an RPA of 10.08 metres.

In Figure 2 measurements taken on site to the closest property boundaries from the tree are shown as A and B with these two measurements shown in the table below.





|                      |        |
|----------------------|--------|
| <b>Measurement A</b> | 12.5m  |
| <b>Measurement B</b> | 16m    |
| <b>RPA of tree</b>   | 10.08m |

In Figure 3, the drawing supplied for the outline planning application, it is shown that the driveway will considerably impede upon the RPA of the oak tree, although this is just a representation of what could be built.

If it is intended that the driveway/entrance road follow the outline planning drawing, then it is recommended that a no-dig method of installing the driveway/entrance road is used within the RPA of the tree. This could be a product such as Geosynthetics Cellweb® TRP.

Kind regards

Rob Mays FdSc (Arb) MArborA  
Evolution Arbtech

Arboricultural Association Professional Member (Membership No PR6273)



Figure 1. *Quercus robur* on site at Trem Y Glog.





Figure 2. Approximate measurements from nearest property boundaries.  $A = 12.5\text{m}$ ,  $B = 16\text{m}$ .



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Figure 3. Outline planning application drawing.



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