ABH Forestry - Tree Survey

Species **Oak Quercus**
Cultivar **N/A** Height (m)**25-30** Crown spread (m)**15**

DBH **76cm**

Inspected by **MR ANTONY HILL** Date of inspection **03/09/21** General Weather **Overcast**
Location on premises, GPS, etc.; **Rear garden on South boundary.**

Type of site, **residential**, commercial, footpath, open space, roadside;
Large garden, adjoining other large gardens to the rear of the property.

Age **150** Exposure **360*** Shelter **None**

Area surrounding tree, built up, protected etc., anything recently removed;
Summer house under the crown on the west aspect and neighbours driveway to the south. The area immediately surrounding the tree is heavily planted with laurel Shrubs and fenced along the south side
Any utilities near tree, manhole covers, power poles, telegraph poles, street lighting;
Overground power supply.

Overall tree (step back)

Anything under tree Y / N greenhouse, pond etc. **Pond containing fish and Summer house under the south/west half of the trees canopy.**

Any history/cuts / damage **Y** / N **Large Pruning wound caused by the removal of a competing leader/large fork in the tree several years ago prior to the present occupants arrival, approximately 40cm in diameter, ¼ height up the trees trunk on the north side. Resulted in extreme unevenness in the crown.**

Anything attached/connected/around the tree **Y** /N **Outside light at the base of the trunk.**

Soil condition; **compacted** etc.; **Bare soil surrounding the pond looks to be built up around the base of the tree and elsewhere is planted with Laurel, adjacent to the tree on the North side is a garden lawn and to the south us a hard surface driveway.**

Roots

Kinked or girdling roots Y / **N** Signs of wounding Y / **N** Basal flare **Y /** N
Fungi present Y / **N** Any other root growth constraints/objects; **N/A**

Trunk

Loose bark Y / **N** Splits or cracks Y / **N** Physical damage **Y** / N
Any fungi present Y/ **N** Other, brackets present, location etc, signs of damage, twisting ;
Aforementioned large pruning wound.

Canopy & Stems

(deadwood may not be present)

Weak forks **Y** / N Deadwood present % in canopy **5** Deadwood on ground **Few small branches**

Comments; **The removal of a competing leader/fork has lead to an extremely disproportionate crown spread with defined parameters, approximately 80% of the crown's spread is on the south side of the remaining trunk, given its exposure this is only going to increase as it grows towards the light and the north side is showing much less vigour as a result of being shaded . The aforementioned wound will continue to be placed under greater tension and the potential for failure cannot be ignored and nor can the damage this would likely cause, especially given the location of property and the driveway of the neighbouring property.**

Epicormic growth present **Y** / N

If so location, height, direction **Epicormic growth is around historic pruning sites throughout the trunk.**

Vigour; **Below average (North)** **above average (South)**

Canopy density; Thin **average** Dense

Signs of dieback Y / **N**

Crown class (amongst peer trees) **Dominant** Co-dominant Intermediate Suppressed

Healthy looking leaves **Y /** N Evidence of infestation Y / **N**

Healthy looking fruit **N/A** Evidence of P & D Y / **N**

Any animals living in tree Y / **N**

Recommendations based on visual inspection, if any required;

The extreme unevenness of the crown and location of the wound, which will take many years to seal, is concerning for the residents. Especially as it covers boundaries, access driveway, buildings/property etc. Whilst the wound is open it is exposed to pathogens which could further increase the chances of failure. I strongly recommend the Tree is removed. A reduction of the crown on the south side would only delay the inevitable, the volume of branches that would need to be removed to even the canopy would lead to more wounding and open the tree up to infection. There are a number of trees on site that can continue to serve the environment, including other large oaks.

Risk Factor **4/5**

1. Low
2. caution required
3. monitoring required
4. **hazardous**
5. **dangerous tree, immediate remedial care required.**

Address of inspected tree.

House number or name **OAKFIELDS**

Street **INTAKE LANE**

Town **BARNSLEY**

County **UK**

Post code **S75 2HU**

Contact Name/number **MR ADAM SELBY 07810 112151 adam@ansconstruction.co.uk**