



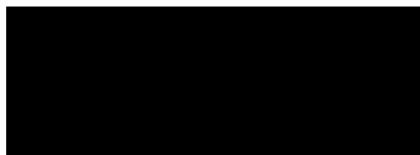
Green Lane Forestry LLP

10 Mount Pleasant

Arundel

West Sussex

BN18 9BD



Application for tree works: work to tree subject to a tree preservation order (TPO)

Species: Holm Oak (*Quercus ilex*)

Location: 1 London Road, Arundel, West Sussex, BN18 9AZ

Landowner: Angmering Park Estate

TPO: TPO/AB/3/20 (2020)

This application is being put forward by Green Lane Forestry LLP on behalf of Angmering Park Estate.

1. Statement of reasons for work

1.1 Overbearing weight on south side of the tree:

If the tree continues to grow without maintenance it will increase the danger of damaging the properties to the south, either by falling or dropping limbs.

1.2 Large wound on main stem (*figure.3*):

This wound is open and has not healed over fully, allowing water ingress and rot is now evident, this will decrease the strength and in-turn reduce the total weight carrying-capacity of the tree.

1.3 The tree is situated next to a retaining wall (*figures. 1, 2, 3, 5 & 6*), this has not allowed the tree to spread its roots to maximise its foothold, further decreasing the trees strength and weight capacity.

1.4 Damage to retaining wall (*figure.6*):

Running directly under the centre of the canopy, an increase in the number and severity of cracks has been noted over the past year. The wall was repaired and partially rebuilt in 2016. If the tree continues to lean south-east with no maintenance, the wall will continue to deteriorate as the tree grows leaving no support directly under the lean, increasing the chances of a collapse, and damage to property and life if mitigating action is not taken.

2. Details of proposed tree-works to mitigate issues

2.1 Remove the lower limbs on the south side of the tree (*figures. 2 & 5*). This will significantly reduce the overbearing weight; it will allow the tree to put more energy into growing on the north side which will gradually start to re-balance the tree.

2.2 Two limbs of approx. Ø 10 cm, two limbs of approx. Ø 5 cm and one limb of approx. Ø 3 cm to be removed from tree (*figures. 2 & 5*).

2.3 The work will be undertaken by a qualified tree surgeon and qualified grounds staff.

All relevant insurance and risk assessments will be available on request and, work will be carried out in accordance with British Standard 3998:2010 Tree Work – recommendations.

2.4 A truck and chipper are to be situated in the car park to the north (*figure.1*) where, preparation and setting up would start (workforce to read and sign the risk assessment).

2.5 Climber to ascend the tree, prepare an anchor point and rigging points, then descend to where the cuts need to be made, attach rigging lines, and remove the limbs one by one, carefully lowering them into the gardens below.

2.6 Cuts are to be done to leave growth points on the tree to allow healthy future growth as evidenced in the past care of this tree.

Cuts will be made in accordance with the agreed application, and will be done to maintain a good looking, and healthy tree.

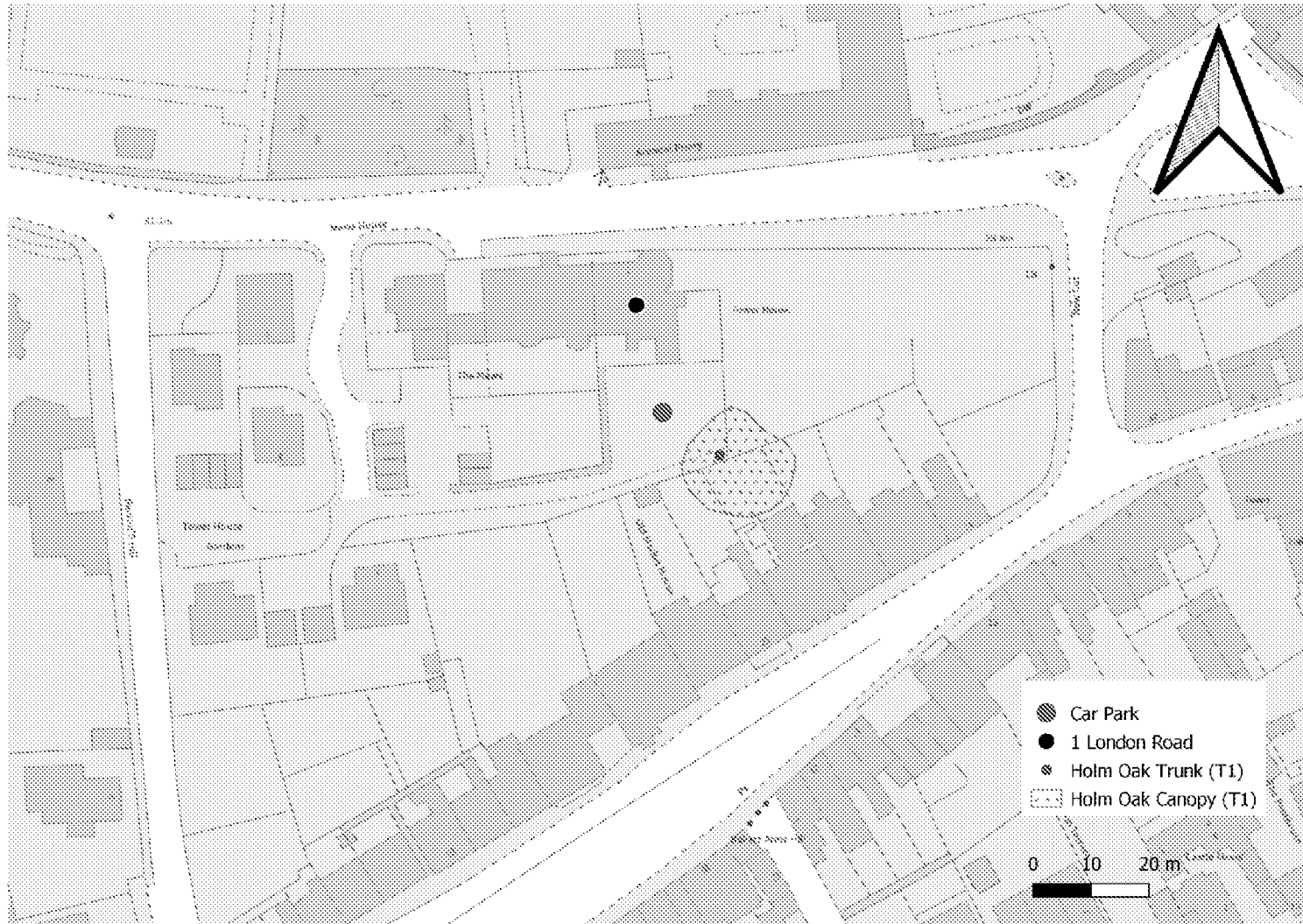


Figure.1 Sketch plan illustrating *Quercus ilex* location (X 501675, Y 107149), canopy cover (263.62 m²), trunk (Ø 1.4 m), and location of retaining wall.



Figure.2 Illustrates proposed limb cuts. From left to right, limbs of approx. Ø 5cm & 3cm to be cut.

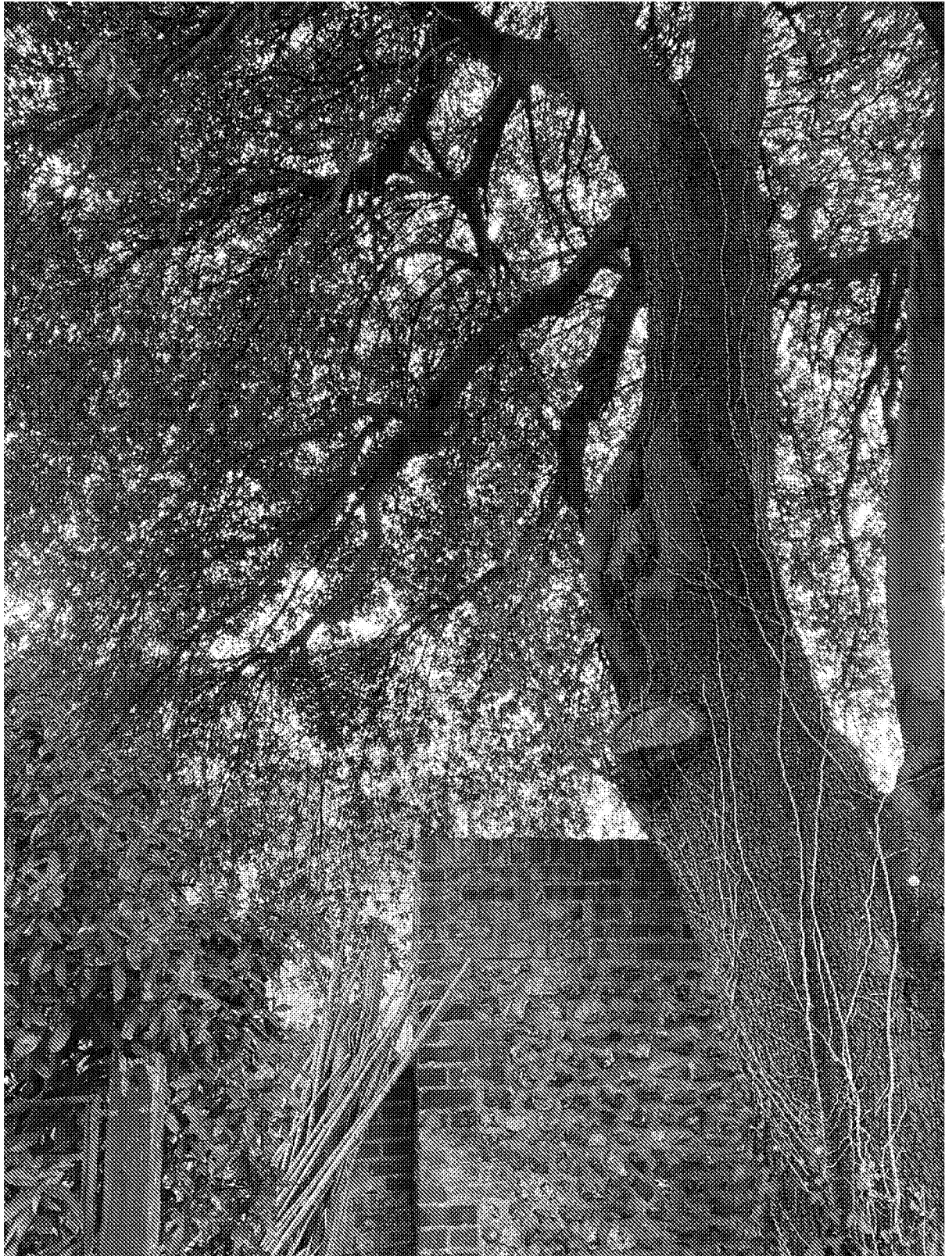


Figure. 3 unhealed wound in the main stem, showing signs of advanced rot.



Figure. 4 Tree as seen from the allotments.

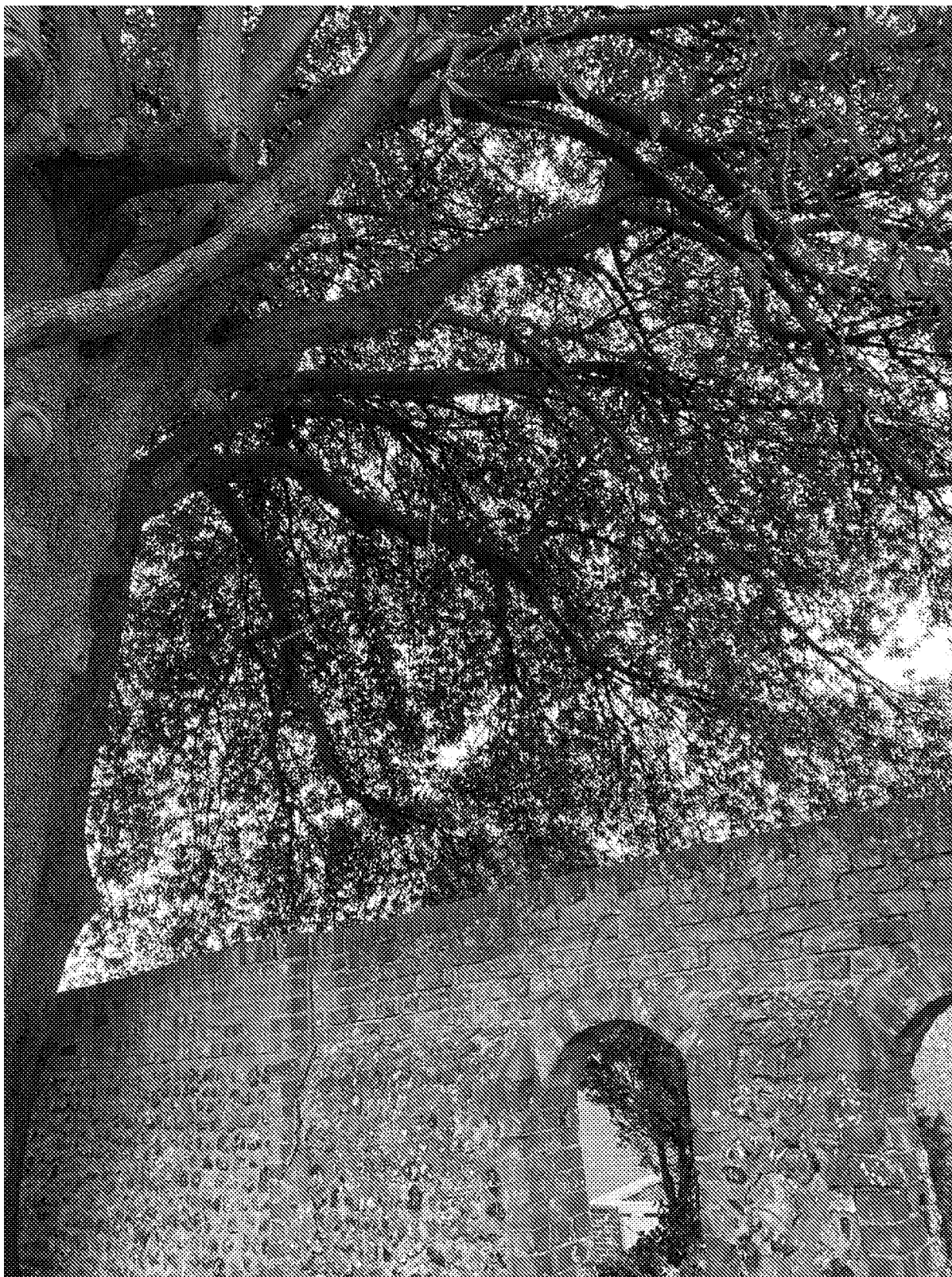


Figure.5 Illustrates proposed limb cuts. From left to right, limbs of approx. Ø 5cm & 3cm to be cut.



Figure. 6 Illustrating multipule cracks in the wall.

Table.1 Tree Survey

Tree Ref. No.	Tree Species	Height (m)	Single/Multi Stemmed (S or M)	Branch Spread (m)	Height of Crown AGL (m)	Age Class	Physiological Condition	Structural Condition	Preliminary Recommendations	Estimated Useful Life (Yrs)	BS CAT
T1	Holm Oak (<i>Quercus ilex</i>)	25-30	M	N8.5 E13 S11 W6.5	N6 E3 S4 W6	Mature	See section 1	Fair	See section 2.2	>20	B