

#### TREE PROTECTION MEASURES

We are proposing to build a ground floor rear extension. The site is within a tree preservation order area. This report identifies the nearby trees and shows how the trees on site will be protected during the works.

#### Excavations

We have calculated root protection areas as an area with a radius of 12x the stem diameter at 1.5m above the ground. All foundations are well outside of these areas.

#### Risk of tree damage during the building process

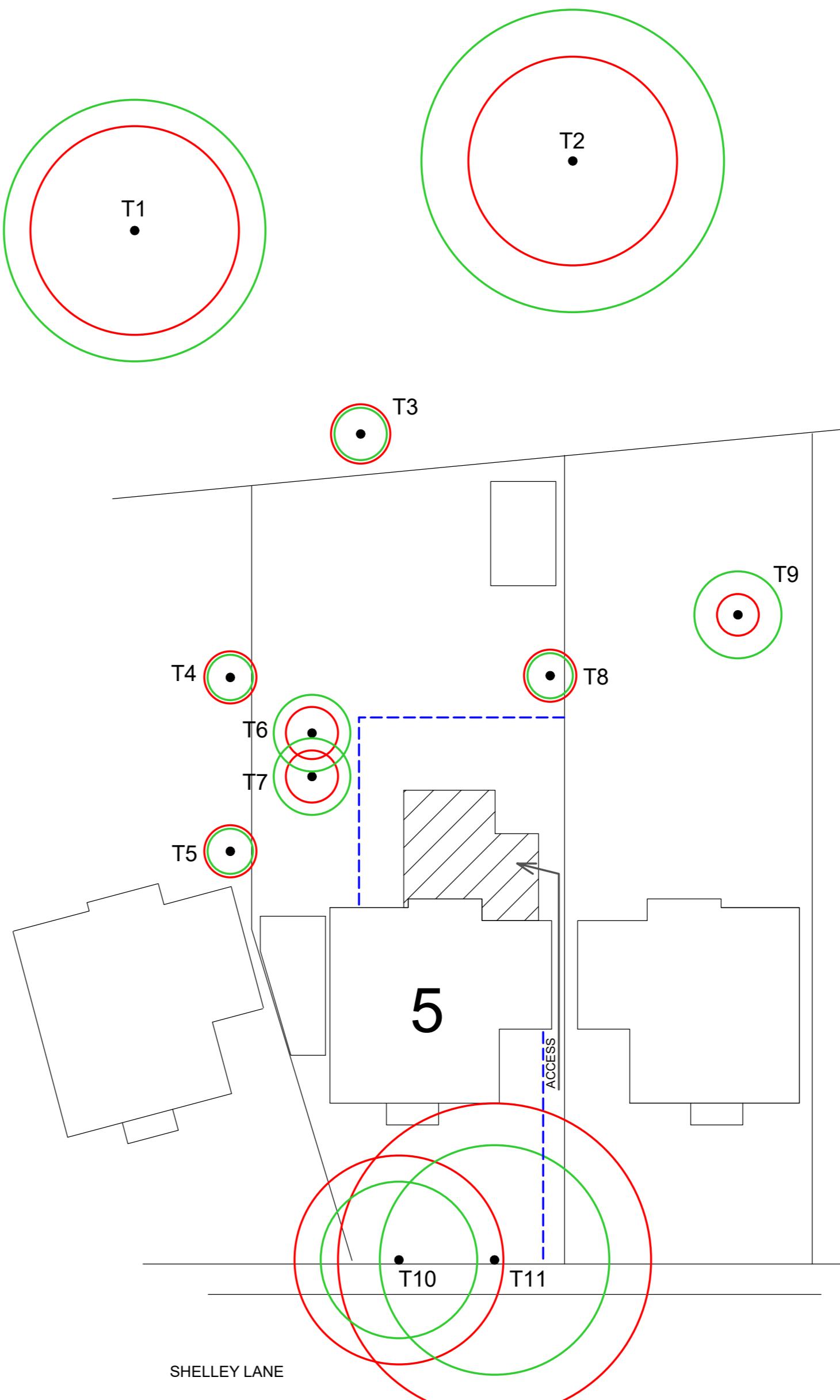
The works are well outside of the canopy areas. 1.8m high Hera fencing is to be erected to the areas shown. This is to prevent the site operatives from getting too close to the trees and risking damage. The Heras fencing will be maintained for the full duration of the works and no plant, workers or materials will pass beyond the fencing.

Fires will not be permitted on site.

The property is on a steep hillside with the front driveway level being around 3m above the rear garden level. Access to the site can only be via a path between No5 and No7. The path includes a steep flight of stairs (3m high approximately) and therefore heavy plant cannot be used in the rear garden. Having no heavy plant on site will further safeguard the trees.

It is not considered that the site measures will need to be monitored by an arboricultural consultant as the site manager will ensure that the fencing remains in its correct location.

Since the extension is well outside of the root protection areas and canopy areas combined with no heavy plant being used on site it is considered that the project will have a negligible risk of damage to the trees.



T1: 20m MAPLE  
STEM DIAMETER 400mm  
CANOPY RADIUS 6m

T2: 20m MAPLE  
STEM DIAMETER 400mm  
CANOPY RADIUS 7m

T3: 7m EUCALYPTUS  
STEM DIAMETER 120mm  
CANOPY RADIUS 1.2m

T4: 5m SPRUCE  
STEM DIAMETER 100mm  
CANOPY RADIUS 1.0m

T5: 6m LAUREL  
STEM DIAMETER 100mm  
CANOPY RADIUS 1.0m

T6: 2m ACER  
STEM DIAMETER 100mm  
CANOPY RADIUS 1.8m

T7: 2m ACER  
STEM DIAMETER 100mm  
CANOPY RADIUS 1.8m

T8: 3m PEAR  
STEM DIAMETER 100mm  
CANOPY RADIUS 1.0m

T9: 6m SILVER BIRCH  
STEM DIAMETER 150mm  
CANOPY RADIUS 2.0m

T10: 12m SYCAMORE  
STEM DIAMETER 380mm  
CANOPY RADIUS 3.5m

T11: 16m BEECH  
STEM DIAMETER 600mm  
CANOPY RADIUS 5.3m

CANOPY

ROOT PROTECTION AREA

1800 HIGH HERAS PANELS  
TO FORM SITE ENCLOSURE