



**Arboricultural Impact Assessment,  
Arboricultural Method Statement  
and  
Tree Protection Plan  
for  
Auto Service,  
Rockhill Road, Pontypool**

*Inspected by:-  
Julian Wilkes BSc.For, MSc.Land Man, MIC.For, TechArborA  
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*27<sup>th</sup> July, 2017*

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## **1. BRIEF**

I have been instructed by Lloyd Jones of LRJ Planning to prepare an Arboricultural Impact Assessment (AIA) in relation to a proposed development on land at Auto Service, Rockhill Road, Pontypool.

## **2. TREE SURVEY AND PLAN**

The information within this document is based on the Treescene Tree Survey 20/07/17 and the attached Treescene AIA Plan 07/2017.

## **3. TREES TO BE REMOVED**

### **a) Arboricultural Reasons**

Trees T8, T9, T10, T15, T18 and T21 are recommended for removal in the Tree Survey due to poor quality (U category).

### **b) To Facilitate Development**

No trees are proposed for removal to facilitate development.

## **4. TREE PRUNING**

Many of the trees to be retained contain structural defects/deadwood or may impede vehicle/pedestrian movements within the site. Works to improve tree safety or remove a potential source of nuisance are detailed in the Preliminary Management Recommendations within the Tree Survey. All pruning and felling/coppicing works are to be undertaken by suitably qualified and experienced Arboricultural Contractors working to BS3998:2010 Recommendations for Tree Work.

It should be noted that the crown of T16 Ash extending to the south potentially conflicts with the line of the proposed dwelling. This specimen is currently at risk of branch failure, due to excessive end weight on southern lateral branches and therefore the tree survey recommends a 15% crown reduction. This reduction work will remove any potential conflict between the branches and the building line.

## **5. ROOT PROTECTION AREA (RPA) INCURSIONS**

There is incursion of the car parking spaces on the eastern boundary and the RPAs of trees T3-T5. In this location, specific construction techniques will be required eg “no-dig” methodology, to prevent damage to tree roots. These are to be detailed in a site specific Arboricultural Method Statement (AMS).

## **6. PROTECTION OF RETAINED TREES**

All trees to be retained should be protected by fencing in accordance with the details in BS5837:2012. The implementation of the tree protection on site should be in compliance with a site specific Tree Protection Plan (TPP) and Arboricultural Method Statement (AMS).

## **7. IMPACT ON LOCAL AMENITY**

No trees are proposed for removal to facilitate development and the two groups of trees that presently bound the site to the north and east will be retained intact.

There is a group of 3No. poor quality Hornbeams (trees T8-T10 inc) which are unsafe for retention and should be removed as part of the development project. It would be circumspect to include replacement planting of these specimens as part of the development.



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## **1. BRIEF**

I have been instructed by Lloyd Jones of LRJ Planning to prepare an Arboricultural Method Statement (AMS) and a Tree Protection Plan (TPP) for land at Auto Service, Rockhill Road, Pontypool.

## **2. TREE SURVEY**

The information in the AMS and TPP relates to the Treescene Tree Survey dated 20/07/17.

## **3. TREE PROTECTION PLAN**

The position of the protective barriers is indicated on the enclosed Treescene TPP 07/2017. The tree protection will be installed immediately after the conclusion of the tree works and before the commencement of any demolition or construction activity on site.

## **4. TREE PROTECTION BARRIERS**

Protective barriers in accordance with BS5837:2012 and the enclosed drawing (Figure 2) will be installed in the locations indicated on the TPP under the supervision of the Arboricultural Consultant. The protective barriers will remain in situ until the completion of the construction work and final site landscaping.

No materials that are likely to have an adverse effect on tree health, such as oil, cement and bitumen will be stored or discharged within the protective barriers. No fires will be lit within 15m of the crown spread of retained trees and concrete will not be mixed or transported within 10m of the trunk of any tree.

## **5. MONITORING AND SUPERVISION**

The Arboricultural Consultant will undertake site inspections and monitoring/supervision at the following times:

- a) Pre-commencement meeting with tree contractor to agree tree removal and pruning.
- b) Supervision of installation of protective fencing.
- c) Monitor condition of fencing every 4 weeks during construction.
- d) Supervision of “no-dig” construction of car parking.
- e) Supervision of removal of fencing following completion of project.
- f) Monitor condition of retained trees every 6 months following completion of construction for a period of two years.

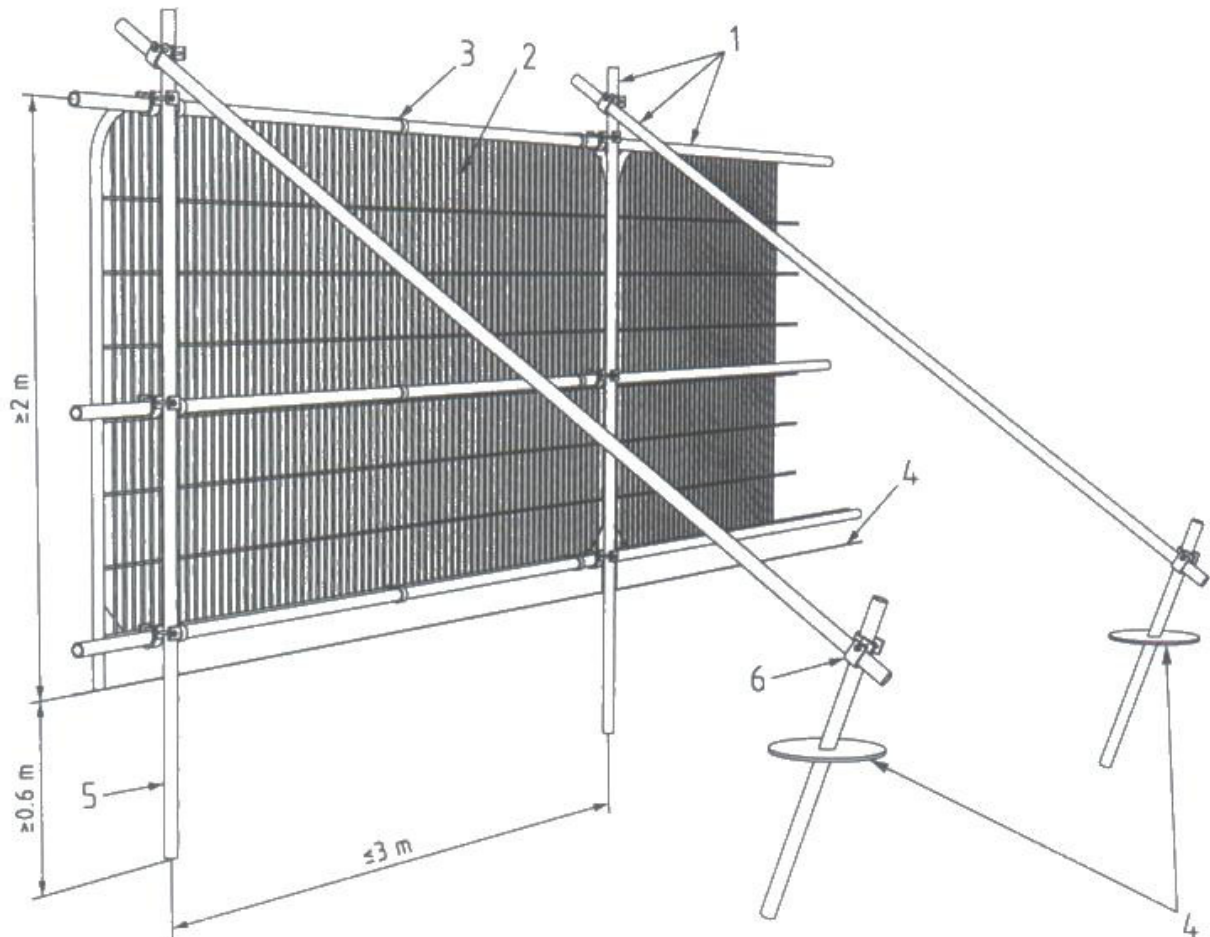
## **6. NO-DIG CONSTRUCTION**

The Arboricultural Impact Assessment (AIA) indicates that the installation of car parking may conflict with the RPAs of specific trees (tree numbers noted in the AIA). In these circumstances “no-dig” construction techniques will be employed to install the car park area.

In the instance of the car parking spaces on the eastern boundary adjacent to trees T3-T5 inc, the existing surface in this area is concrete, including a shallow inspection pit, also surfaced with concrete. It is proposed therefore to back-fill the inspection pit with compacted crushed stone material to form a suitable stable sub-base to marry with existing surface levels. The concrete/sub-base surface will then be top-dressed with a suitable tarmacadam layer to form the final car park finish.

This methodology will ensure that no tree roots of trees T3-T5 inc will be excavated or damaged as part of the car park preparation.

Figure 2 Default specification for protective barrier



**Key**

- 1 Standard scaffold poles
- 2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
- 3 Panels secured to uprights and cross-members with wire ties
- 4 Ground level
- 5 Uprights driven into the ground until secure (minimum depth 0.6 m)
- 6 Standard scaffold clamps