



**Arboricultural Impact Assessment (Rev A)
for
Llewellyn Road
Penlleger
Swansea**

*Inspected by:-
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1. BRIEF

I have been instructed by Ms Francesca Evans of Barratt Homes to prepare an Arboricultural Impact Assessment (AIA) and draft Tree Protection Plan (TPP) in relation to a proposed development at Llewellyn Road, Penllergaer, Swansea.

2. TREE SURVEY AND PLAN

The information within this document is based on the Treescene Tree Survey dated 15.10.20, the Treescene AIA Plan Rev A 04/2021, the Treescene Tree Retention/Removal Plan Rev A 04/2021 and the Treescene draft TPP Rev A 04/2021.

3. TREES TO BE REMOVED

a. Arboricultural Reasons

Trees T10, T14, T16, T34, T36, T37 and T39 are recommended for removal in the Tree Survey due to poor quality (U category).

b. To Facilitate Development

Trees G30 (part- for Plot 25 and associated highways works) and G48 (part- for internal roads) are proposed for removal to accommodate the development layout.

These are all C category trees (low quality).

Trees to be removed are indicated on the attached Treescene Tree Retention/Removal Plan Rev A 04/2021.

4. TREE PRUNING

Some 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.

Once the planning layout is agreed and approved there may be a requirement for some additional tree pruning which could be detailed in a site specific Arboricultural Method Statement (AMS).

5. ROOT PROTECTION AREA (RPA) INCURSIONS

There are generally limited conflicts between proposed structures and RPAs of trees to be retained apart from in the following circumstances;

A footpath around the site partly encroaches on the RPAs of trees T5, T6, T7, T9, T15, T17, T18, T21, T27, T42, T47, T51, T52 and T53,

The main access road into the site and the south eastern corner of the garage on Plot 1 encroaches onto the RPA of tree T35,

The edge of a private drive encroaches minimally onto the RPA of tree T51,

The south west corner of the garage of Plot 180 encroaches slightly onto the RPA of hedge G55.

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In all circumstances the incursions are relatively slight (less than 10% of the total RPA affected, in the cases of T51 drive and G55 less than 1%) and therefore there will be minimal adverse impact upon the future health of the affected trees. However, in order to ensure that the affected trees are not damaged as a result of the development special excavation and construction techniques, to be detailed in a site specific Arboricultural Method Statement (AMS), will be employed in these areas.

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). A proposed Treescene draft TPP Rev A 04/2021 providing indicative locations of tree protection barriers is attached.

7. IMPACT ON LOCAL AMENITY

Tree loss in relation to the development is minimal and is limited in the clearance of low quality hedges (parts of G30 and G48) in the interior of the site, mainly to create future site access and internal roads. The existing robust tree belts on all boundaries of the site as well as the internal tree/hedge line are retained thus minimising any wider landscape impacts.

Extensive new tree planting within the site is proposed thus mitigating any tree loss and contributing to an enhancement of the local tree stock as a result of the proposed development.