

## **Introduction**

It is proposed to carry out a single rear extension and a two storey side extension along with the relocation and rebuild of a detached garage at 2 Wigan Crescent, Bedhampton. This Arboricultural Method Statement has been compiled to ensure the safe and healthy retention of the mature tree to the rear of the garden during the works. Integral to achieving this goal is the implementation of the special construction details and protection methods detailed within this report.

This Method Statement must be made available to all contractors and operatives on the site during the construction process so that they fully understand the importance of the measures set out for tree protection.

The information contained within this Arboricultural Method Statement conforms to British Standard 5837: 2012 Trees in relation to design, demolition and construction – Recommendations

The controlling authority is Havant Borough Council and the arboriculturalist is Jamie Gargett.

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## **Summary**

There is a mature fir tree within the site that is the subject of a Tree Preservation Order (TPO) which will require physical protection during all stages of the works. The tree will be protected by a Construction Exclusion Zone (CEZ) as recommended in BS 5837: 2012 and as shown on the attached block plan.

## Tree protection

It is the responsibility of everyone engaged in the construction process to respect the tree protection measures and observe the necessary precautions within and adjacent to them.

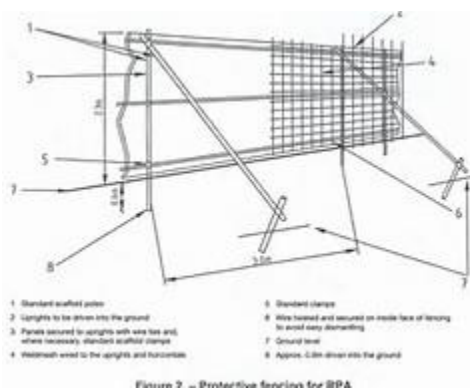
### Restrictions within Tree Protection Areas

Inside the exclusion area of the Protective Fencing, the following shall apply:

- No mechanical excavation
- No excavation by any other means without arboricultural site supervision.
- No hand digging without a written method statement.
- No ground level changes whatsoever.
- No storage of plant or materials.
- No storage or handling of any chemicals.
- No vehicular access.

### Tree Protection Fencing

This fencing to comprise of Heras fencing or protective barrier protection (example below).



Barriers should be fit for the purpose of excluding constructive activity, and appropriate to the degree and proximity of work taking place around the retained tree. Special attention should be paid to ensuring that barriers remain rigid and complete.

Barriers should consist of a scaffold framework comprising a vertical and horizontal framework, well braced to resist impacts, with vertical tubes spaced at a maximum interval of 3m. Onto this, weld mesh panels should be securely fixed with wire or scaffold clamps. Weld mesh panels on rubber or concrete feet are not resistant to impact and should not be used.

Barriers must be installed before any materials or machinery are brought onto site and development or stripping of soil commences.

Once erected, barriers and ground protection will be regarded as sacrosanct, and will not be removed or altered without prior agreement of an arboriculturalist and approval of the local planning authority.

Protection notices should be fixed to the barriers with the words: 'Construction exclusion zone – Keep out' or similar

BS5837: 2012 states: In order to avoid disturbances to the physical protection forming the construction exclusion zone once it is installed, it is essential to consider, make allowances for and plan all construction operations which will be undertaken in the vicinity of the trees, in particular:

- a) Site construction access;
- b) The intensity and nature of the construction activity;
- c) The space needed for all foundation excavations and construction works;
- d) The location and space needed for all service runs including foul and surface water drains, land drains, soakways, gas, oil, water, electricity, telephone, television or other communication cables;
- e) All changes in ground level, including the location of retaining walls, steps and making adequate allowance for foundations of such walls and backfillings;
- f) Space for storing (whether temporary or long-term) materials, spoil and fuel and the mixing of cement and concrete;