

## **Arboricultural Method Statement**

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## **Land at The Black Horse PH, Rhostyllen**

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Prepared for:

GAROB DEVELOPMENTS LTD

Ref: Discharge of Planning Conditions 13 & 14 of Planning Code No: P/2016/0809

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## **Tree Solutions Ltd**

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## SEQUENCE OF OPERATIONS

From commencement of the above development, the following methodology shall be implemented in the manner and sequence described:

1. Tree surgery works
2. Pre-commencement site inspection
3. Erect temporary tree protective fencing
4. Main engineering/construction phase
5. Removal of temporary fencing

### 1. Tree Surgery Works

1. Before the erection of the temporary protective fencing, all proposed tree works shall be undertaken
2. All possible efforts must be made to prevent damage to retained trees including potential root incursion or compaction caused by vehicle access.
3. All arboricultural works shall conform to the recommendations of BS 3998 (2010) 'Recommendations for Tree Work'
4. All operatives shall be equipped with and use personal protective equipment (PPE) in accordance with current Health & Safety Executive current directives and industry codes of practice.
5. Performance of all arboricultural operations and use of equipment shall be in accordance with current Health & Safety Executive current directives and industry codes of practice

### 2. Pre-Commencement Site Inspection

1. The erection of all tree protection measures outlined in this Arboricultural Method Statement (AMS) and as indicated on the Tree Protection Plan will be inspected by the project arboricultural consultant immediately after erection. Photographic evidence of the location and specification of all protective fencing will be forwarded to all interested parties upon completion.
2. Any required works that deviate from the AMS and Tree Protection Plan will be first agreed with the contract Arboricultural Consultant and Wrexham County Borough Council Tree Officer prior to commencing.

### 3. Erect Temporary Tree Protective Fencing

1. Prior to commencement of any engineering works, construction, preparation, excavation, or material deliveries the main contractor shall erect the temporary protective fencing as detailed in the 'Tree Protection Specification' and in the location indicated on the Tree Protection Plan.
2. Tree protective fencing to be erected as indicated on the tree protection plan and remain in situ for the duration of all work.
3. Any damage occurring to protective fencing during the development phase shall be made good by the main contractor.

### 4. Main Engineering/Construction Phase

1. There shall be no storage of construction material, site parking, site accommodation or equipment in any area designated as the Root Protection Area (RPA) and Construction Exclusion Zone (CEZ) and enclosed by Temporary Protective Fencing except in specific cases were agreed otherwise with the Arboricultural Consultant.
2. No materials that are likely to have an adverse effect on tree health such as oil, bitumen or cement will be stored or discharged within 10 metres of the trunk of a tree that is to be retained. No fires will be lit
3. The site agent shall supervise deliveries by self-loading crane, with vehicles positioned in such a manner that retained trees are not at risk of damage
4. Any damage to trees as a result of construction/engineering work will be logged and reported to the project Arboricultural Consultant

#### Avoiding Damage to Stems and Branches

- Care shall be taken when planning site operations in proximity to trees to ensure that wide or tall loads or plant with booms, jibs and counterweights can operate without encountering retained trees. Such contact can result in serious injury resulting in safe retention impossible

## On Site Storage of Spoil and Building Materials

- Prior to and during all site construction works no spoil will be stored within the Root Protection Area of any tree on or adjacent to the site even if proposed site work is to be within the crown spread. Any encroachment within this protected area will only be by the prior agreement of the project arboricultural consultant.

## 5. Remove all Temporary Tree Protective Fencing

1. Tree Protective fencing will only be removed upon completion of all engineering/construction work within each phase and once all machinery associated with the works has left site.

## Useful Contacts

### Arboricultural Consultant

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P1 – T1 & T2 located outside rear boundary of plot 1



P2 – G1, young boundary trees to be pruned back

## TREE PROTECTIVE FENCING

- 1 Before the commencement of any site excavations and subsequent construction works (other than those set out in the schedule of tree works contained in this document), protective fencing will be erected as detailed on the Tree Protection Plan and as specified below.
- 2 The fencing will consist of a scaffold framework in accordance with Figure 2 of BS 5837 – 2012 (illustration below) comprising a metal framework, both vertical and horizontal, well braced to resist impacts. Vertical tubes will be spaced at a maximum interval of 3m. Onto this, weldmesh panels shall be securely fixed with wire or scaffold clamps. Weldmesh panels on rubber or concrete feet are not considered resistant to impact and for this reason will not be used. The site manager or other suitably qualified appointed person will be responsible for inspecting the protective fencing daily; any damage to the fencing or breaches of the fenced area will be rectified immediately.
- 3 Clearly legible weatherproof signage, stating “Protected Trees – Exclusion Zone” shall be attached to the fencing 1.5m from the ground, facing out of the Tree Protection Zone located at regular intervals along the fence line
- 4 The fencing will remain in place until completion of all site works and then only removed when all site traffic is removed from site
- 5 Other than works detailed within this method statement or approved in writing by the Local Planning Authority (LPA), no works including storage or dumping of materials shall take place within the exclusion zones defined by the protective fencing.

### Protective Fencing Detail

The fence types are shown on the Tree Protection Plan with the following colour key: -

1. **Magenta** - 2.0M high heavy-duty Heras panels (with extra central support bar) mounted on scaffold poles (driven into the ground) and secured with anti-tamper bolts – as illustrated below.



**Tree Protective Fencing Specification**

## **Appendix One**

### **Tree Protection Plan**

