

ARBORICULTURAL METHOD STATEMENT to BS 5837:2012 for:

Rheda Close Plot 3, Frizington Cumbria

This document describes how the trees will be protected and managed during the development of this site. It explains how and when the protection measures must be installed and maintained throughout the development.

A copy of this document report must be permanently available on site for the duration of all development activity and should be referenced for practical guidance on how to protect the retained trees at this site.

Jack Tomlinson (CMIOSH)

Consulted: William clothier (Environmental Specialist)

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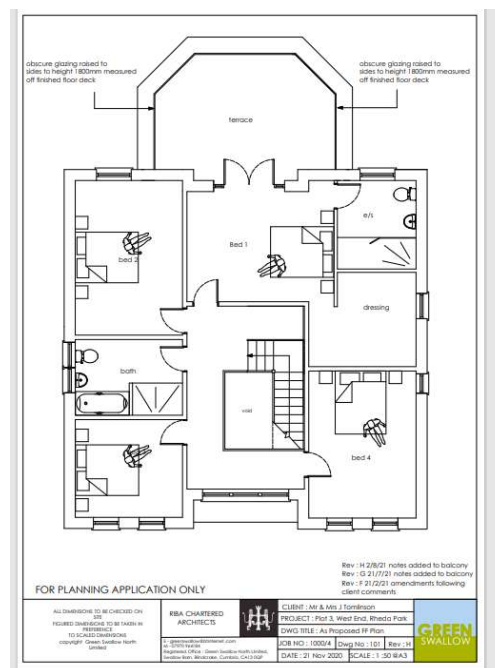
1. Purpose

1.0 This method statement has been prepared in order to demonstrate that the development operations at this site can be undertaken with minimal risk of adverse impact on the trees to be retained.

1.1 This method statement to BS 5837: 2012 Trees in relation to construction. It is based on the arboricultural data within an associated arboricultural report Ref- EJC/61-2021-Plot 3.

2. Description of Development

2.0 Development of detached 4-bedroom dwelling and garage as per proposed planning drawing 1000-3-100D-101H-102G



2.1 The proposed development layout has been provided and it is the basis for this method statement, the drawing details the proposed locations of tree protective fencing is located at Appendix 3.

3.0 Details of Consent

3.0 Planning consent has been granted subject to pre-commencement conditions relating to tree protection.

3.1 Condition No 3: No development shall take place until a scheme for the protection of the retained trees (the tree protection plan) and the appropriate working methods (the arboricultural method statement) in accordance with clause 7 of British Standard BS58739 – trees in relation to construction – recommendations have been submitted to and approved in writing by the Local Planning authority.

4. Method Statement Timeline

4.0 Overview of Sequence of Operations

In overview, it is necessary to undertake the following sequence of operations in relation to arboricultural input for development operations.

1. Method Statement approved by the LPA
2. Install protective fencing as per method statement
3. Confirm fencing is as specified with client and contractor
4. Development and completion of superstructure and landscaping which requires mechanical machinery.
5. Removal of tree protection at an agreed point with method statement producer

4.1 Specific Sequence of Operations

The following timeline table informs the key principles for development operations proceeding in relation to arboricultural requirements conditioned as part of this method statement.

4.2 The actions and timescales within this table must be adhered to in order to discharge the arboricultural method statement planning condition for this site.

4.3 The precise timing and order of some of the development operations may need to be changed due to site specific operational requirements, yet any operations that may affect the trees on the site must be done so under arboricultural supervision by a suitably qualified person appointed by the contractor. (Named Jack Tomlinson with consultation of William Clothier)

Sequence of operations		
Stages	Action	Arboricultural Input
1 Approval	his arboricultural method statement document is submitted to and approved in writing by the LPA.	his arboricultural method statement document is submitted to and approved in writing by the LPA.
2 Tree Protection	<p>Installing the tree protective measures will take place prior to any, storage of plant, materials and machinery.</p> <p>Tree Protection Fencing shall be located as shown on the Tree Protection Plan at Appendix 3.</p> <p>The Tree Protection Fencing shall not be removed, breached or altered without consultation with competent person as detailed within this report</p>	If necessary, liaise with the contractor installing the protective fencing until completed to the standard specified in this method statement.

3 Site meeting	Following the full installation of the Tree Protection Fencing, The producer of this method statement will inspect the fencing	Client will compete weekly reviews of the site to ensure hoarding is still intact as per tree protection plan
4 Excavations of founds and build super structure and significant landscaping requiring machinery	Undertake excavation of foundations	If necessary, liaise with the local authority and the site foreman to ensure any issues are adequately resolved.
5 Site Finishing	Removal of tree protection measures must only be undertaken following the completion of the construction phase and when all site traffic and machinery has left the site	f acceptable to the LPA, the contractor can take photos of the site to give to the LPA to gain approval for the removal of protective fencing

5. Tree Protection Issues

5.0 Protective Fencing

5.0 A significant pile of topsoil arisings will be sited across the rear of the property this berm will remain in place as an ultimate physical barrier to prevent machinery from accessing the protected trees whilst building the superstructure, the berms will be strategically placed in a deliberate manner with its purpose to protect the remaining trees. This is a suitable method of protection as there is a significant distance from the construction area to the protected trees.

5.1 The protective fencing for this site should be located as shown on the Tree Protection Plan (TPP) at Appendix 3.

5.4 The protective fencing will be appropriate to the degree and proximity of likely construction works. In this instance, the default BS5837 (2012) tree protection fencing is deemed disproportionate. It is suggested an adequate level of protection for the trees could be provided by a purpose-built scaffold tube and clip scaffold as per the below



High Visibility construction debris netting will be fitted to the barrier as a visible deterrent and identification of the exclusion area.

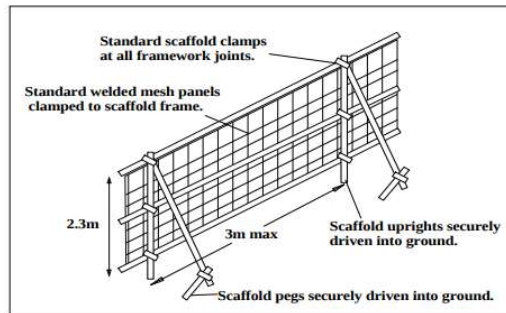


Figure 1: 'Fencing to BS 5837: 2012'.



Figure 2: 'Photo of Fencing to BS 5837: 2012'.

5.2 Precise fencing location may need to be slightly adjusted on site due to local site conditions, but is not expected to differ from that shown on the TPP.

5.3 Due to the location of the construction it is not anticipated at any time that machinery will encroach the root protection zone as the groundwork strategy has allowed for the berm to be built as ultimate protection. The client will ensure all contractors are aware of the restrictions.

5.4 The area enclosed by the fencing and berm is referred to as the Construction Exclusion Zone (CEZ); this area should be considered a restricted area. No pedestrians, vehicles, storage of materials, equipment or machinery should be allowed within the CEZ unless specified within this method statement. The site manager/Client must ensure that all personnel are aware of the restrictions that apply to the fenced-off area.

5.5 Once the fencing is erected and berm established, waterproof warning signs labelled 'Tree Protection Area' should be placed at 3m intervals to ensure that all personnel are aware of the restrictions that apply to the fenced-off area.

5.6 The protective fencing should be inspected for faults or damage by the Client or other responsible named person on a regular basis and a written record kept in the client's file area House Build > hoarding inspection > Register. Any faults or defects should be repaired or replaced as soon as is reasonably practicable.

5.7 The Tree Protection Fencing shall not be removed, breached or altered without prior written authorisation from the local planning authority and under environmental specialist supervision by a suitable named responsible individual appointed by the client.

Plot 3, Rheda Park, Frizlington.

