

**MAESGYN ROAD
WREXHAM**

MORRIS HOMES LTD

METHOD STATEMENT



tba
landscape architects

**Landscape Architecture
Arboriculture**

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Ref: DF/2460/MethodStatement

1.0 Introduction

- 1.1 This Method Statement has been prepared by Trevor Bridge Associates Ltd (TBA) on behalf of Morris Homes Limited.
- 1.2 It has been prepared to ensure that the existing trees and shrubs are properly protected throughout the development of the site and continue to represent a visual amenity in the future. It instructs all contractors on methods to avoid damage to the trees.
- 1.2 This document follows, and should be read in conjunction with, the pre-development tree surveys undertaken in October 2004/2005 (MD/2460/TreeSurveyReport'G'). The initial tree survey and this document conform to guidelines contained within BS 5837: 2005, *Trees in Relation to Construction – Recommendations*.

2.0 Guidelines for filling in the Method Statement

- 2.1 The following information is included:
- The roles and contact details of those involved.
 - Tree works: General issues
 - Specification for protection to existing trees: General issues
 - Order of works.
 - Site monitoring.
- 2.2 Developers should enforce the methods of protection identified within the statement. All contractors must also agree to them. Any failure to comply with them must be dealt with by the developer e.g. disciplinary action against operatives seen within the protected area.
- 2.3 The people listed are those with a responsibility for tree protection on the site and from the Local Planning Authority. The relevant people should be contacted in the event of a problem.

3.0 Agreement to protect trees

- 3.1 The developer has agreed to undertake tree protection to the standard advised in the Method Statement. Every contractor on site must receive a copy of the statement and abide by its contents.

4.0 Drawings and Documents

This Method Statement should be read in conjunction with the following drawings and reports:

- Tree Survey Drawing 2460.03 'A'
- MG/2460/TreeSurveyReport 'G'
- Tree Protection Plan 2460.05'C'

5.0 Roles and contact details

Position	Name	Address	Telephone No.
Designer/ Contractor	Steve Miller	Morris Homes Limited Altrincham Road Cheshire SK9 5NW	01625 544454
Site Manager	To be confirmed	-	-
Landscape Architect	Jane Whiteley	Trevor Bridge Associates 1 st floor, Building 2 The Wharf Business Centre Lower Wharf Street Ashton-under-Lyne OL6 7PB	0161 308 3765
Arboriculturalist	Dan Farnworth	Trevor Bridge Associates 1 st floor, Building 2 The Wharf Business Centre Lower Wharf Street Ashton-under-Lyne OL6 7PB	0161 308 3765
Local Authority Tree Officer Planning Dept	To be confirmed		

6.0 TREE WORKS – General Issues

- 6.1 All tree/vegetation works are to take place prior to any site operations and immediately before the installation of protective fencing.
- 6.2 All works to the existing trees are to be carried out by a fully qualified tree surgeon and in accordance with BS 3998 (2010) *Recommendations for Tree Work*.
- 6.3 The necessary tree surgery works, or removal of vegetation should be carried out **before** any construction work starts and immediately before erection of protective fencing. Any works will include any trees that require removal in order to facilitate construction. No tree works must be carried out unless permission is provided by the local planning authority. Tree works to any protected trees (trees within a Conservation Area or subject to a Tree Preservation Order) that do not require works to directly enable the development to proceed will require a notification/application to be made to the local planning authority. Any tree works required in order to **directly** facilitate the development to proceed (such as tree felling) must not proceed unless **full planning consent and written consent is given by the local planning authority.**
- 6.4 Wildlife issues and timing of operations. The following must be observed:
- 6.4.1 Bats. Under current legislation it is an offence to 'intentionally or recklessly disturb a bat' or 'damage, destroy or block access to the resting place of any bat' (Countryside and Rights of Way Act 2001 and further strengthened by other legislation). Where work is being carried out and bats are present, or if the tree is a known roost, consultation must be made with the Statutory Nature Conservancy Organisation (Natural England – www.naturalengland.org.uk). A European Protected Species Licence is likely to be required.
- 6.4.2 Birds. It is also an offence to kill, injure or take any wild bird; or take, damage or destroy the nest of any wild bird while it is in use or being built. Therefore work likely to disturb nesting birds should be avoided from late March to August.

7.0 METHOD STATEMENT – General issues

- 7.1 Protective fencing must be erected **prior to any site operations.** To give the best chance of continued good health of the retained trees, it will be essential to prevent root severance or compaction of the soil in the Root Protection Area. A stout fence shall be erected at the position shown on the Tree Protection Plan, comprising a braced scaffold frame with steel mesh panels securely attached (eg Heras). Mesh is preferred to boarding as it can be seen through and should be re-useable. A detail from BS5837 is attached (Appendix A). This gives dimensions (however spacing of the vertical poles can be at 3.5m if preferred, to fit with standard panel widths). Use of rubber or concrete feet instead of a frame is **not acceptable** as these can easily be moved. Once in place, the fence must be regarded as sacrosanct with no storage of materials/spoil or access by machinery within the protected area. The fencing shall be regularly inspected by the site agent and maintained in full condition.
- 7.2 Developers should enforce the methods of protection identified within the statement. All contractors must also agree to them. Any failure to comply with them must be dealt with by the developer. Any damage that may occur to trees due to failure to observe the method statement must be reported to the local planning authority and arboricultural advice must be sought.
- 7.3 No pruning, lopping, felling or severance of roots is to take place without prior consent of the local authority or unless in compliance with specifications included within the Method Statement.
- 7.4 The ground levels within the protected fenced area must neither be **raised nor reduced.**

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- 7.5 No ropes, cables, services, or notice boards shall be fixed to existing trees.
- 7.6 Fires should not be permitted, or else not lit where flames could extend to within 10m of the foliage, branches or trunk.
- 7.7 Should temporary access within the Root Protection Area be required that is not included within the method statement, an agreement, in advance, with the consultant and the local planning authority must be made. The fence may need to be re-aligned and the ground surface protected. For vehicular access this protection will need to be specifically detailed and agreed.
- 7.8 Care must be taken in regards to tall or wide loads, or use of plant with booms, jibs and counterweights. Where machinery may be required to operate in the vicinity of trees a banksman must ensure that no direct physical damage is caused to trees. It must be checked that any materials or vehicles entering the site are able to do so without causing damage to adjacent trees.
- 7.9 Any material that will contaminate soil (e.g. concrete mixings, and vehicle washings) must not be discharged within 10m of any tree stem. If diesel and fuel containers are used or stored on site they must be kept within a plastic container bund to prevent any ground contamination and spill kits must be kept available to remediate any spillage.
- 7.10 Where trenching may be required for the placing of underground services all works must adhere to Volume 4: NJUG Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees (NJUG4). National Joint Utilities Group, 2007.
- 7.11 Arboricultural monitoring
- (i) The arboricultural consultant (or local authority Tree Officer) shall be consulted whenever an unexpected issue occurs that involves any retained tree on site including access within the Protection Area.
 - (ii) No amendments shall be made to the methods detailed in this Method Statement without the agreement of the consultant or local planning authority Tree Officer.
 - (ii) If the site agent is at all unclear about exact compliance with any of the above requirements, or if requested by any other party, then a pre-start meeting shall be arranged with the architect, site agent, local authority tree officer and arboricultural consultant in attendance as necessary.

8.0 Health and safety issues

- 8.1 All operations must be carried out with full regard to Health and Safety requirements. Due to the diverse nature of recommendations included (e.g. tree surgery works, construction etc) it is necessary that supervisors of those undertaking recommended operations undertake risk assessments prior to starting the relevant works. It should be the Site Managers/developers responsibility to ensure that risk assessments are submitted prior to undertaking relevant works.

9.0 Order of Works (tick if relevant)

	Works to be Undertaken	✓	Date Approved	Actions By
1	Method statement and tree protection plan received and approved by Local Planning Authority	✓		Developer
2	Existing trees removed due to condition and development and approved by Local Planning Authority	✓		Arboricultural Contractor
3	Protective fencing erected	✓		Contractor
4	Confirm the fencing is acceptable	✓		LPA Arb Officer
5	Implemented cellular confinement (Geoweb) within Root Protection areas			Contractor
6	Development begins	✓		Developer
7	Fence monitored and repaired if necessary	✓		Contractor
8	Meetings to confirm the site is acceptable, as necessary	✓		Site Manager/ LPA Arb Officer
9	Excavate service trenches			Contractor
10	Confirm service trenches are acceptable			LPA Arb Officer
11	Relocation of protective fence to allow construction of hardstandings/driveways			Developer
12	Confirm the relocated protective fences are acceptable			LPA Arb Officer
13	Remove protective fencing	✓		Contractor
14	Undertake possible remedial pruning.			Arboricultural Contractor
15	Experts present where problems exist or where special protection measures are required			LPA Officer/ LPA Arb Officer
16	All special protection features supervised by Arboriculturist			Arboriculturist

11.0 Site monitoring

11.1 This is to be undertaken at the following set intervals, where relevant:

- Existing trees removed due to condition and development
- Erection of protective fence

Date	Comments	Developer	LPA Officer

APPENDIX A – FULL PROTECTIVE FENCING

