

TREE SOLUTIONS



Arboricultural Method Statement

Land at Tupa, Penley

Prepared for:

MR K BARKER AND MRS T WILSON
C/o Fisher German

Our Ref: 24/AMS/WXM/220 (Rev A)
Planning Ref: P/2024/0288

May 2024

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This method statement is to satisfy and discharge Planning Condition 14 of Appeal decision Ref: APP/H6955/A/20/3258703, that states the following:

14) No part of the development shall commence until a detailed Arboricultural Method Statement has been submitted to and approved in writing by the Local Planning Authority. No development or other operations shall take place except in strict accordance with the Method Statement as is approved. The Method Statement shall include the following:

- a. A specification for tree protection fencing and ground protection measures that comply with British Standard 5837:2012;
- b. A Tree/shrub/hedges Protection Plan showing the location of the trees/shrubs/hedges to be removed and retained with their crown spreads, Root Protection Areas, Construction Exclusion Zones, and location of protective fencing and ground protection measures accurately plotted;
- c. A full specification for any access, driveway, path, underground services or wall foundations within retained tree Root Protection Areas or Construction Exclusion Zone, including any related sections and method for avoiding damage to retained trees;
- d. Details of general arboricultural matters including proposed practices with regards to cement mixing, material storage and fires;
- e. Details of the frequency of supervisory visits and procedures for notifying the findings of such visits to the Local Planning Authority;
- f. Method for protecting retained trees during demolition works;
- g. Details of all proposed tree works, including felling and pruning.

SEQUENCE OF OPERATIONS

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

1. Tree surgery works
2. Pre-contract site meeting – ‘Toolbox Talk’
3. Erect temporary tree protective fencing
4. Main construction phase
5. Removal of temporary fencing
6. Landscaping within RPA of trees
7. Arboricultural site supervision

1. Tree Surgery Works

1. Before the erection of the temporary protective fencing, all tree surgery works shall be implemented in accordance with the approved Tree Survey Schedule at **Appendix 1**
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
6. Any additional access facilitation pruning required shall be undertaken by qualified tree contractors and conform to the recommendations of BS 3998 (2010) ‘Recommendations for Tree Work’.

2. Pre-Contract Site Meeting

1. ACoW to undertake a ‘toolbox talk’ outlining working methods in relation to trees prior to any construction activity on site. Those to be present are:
 - Arboricultural Clerk of Works – (ACoW)
 - Client
 - Main Contractor

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3. Erect Temporary Tree Protective Fencing

1. Prior to commencement of any construction, ground 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. Photographic evidence of tree protective fencing will be issued to Wrexham County Borough Council (WCBC) Tree Officer for approval upon completion. Any damage occurring to protective fencing during the development phase shall be made good by the main contractor.

4. Main 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
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 because of construction/engineering work will be logged and reported to the project ACoW

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

Cement Mixing

- The cement mixer will be laid on top of plywood boards in a position outside the RPA of any trees. The mixer will be kept in this position throughout all development work.

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 WCBC Arboricultural Officer

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.

6. Landscaping within RPA of Trees

1. Upon completion of all construction work and removal of plant from site, the tree protective fencing can be removed to allow for the garden areas to be landscaped
2. There shall be **no rotovating** of ground within any area designated as a Root Protection Area (RPA) and Construction Exclusion Zone (CEZ) and enclosed by Temporary Protective Fencing.
3. Other than the approved works, there should be no additional hard landscaping works or excavation for cables, or any other service should be installed within the Root Protection Area (RPA) and Construction Exclusion Zone (CEZ) without the written consent of WCBC.

7. Arboricultural Site Supervision

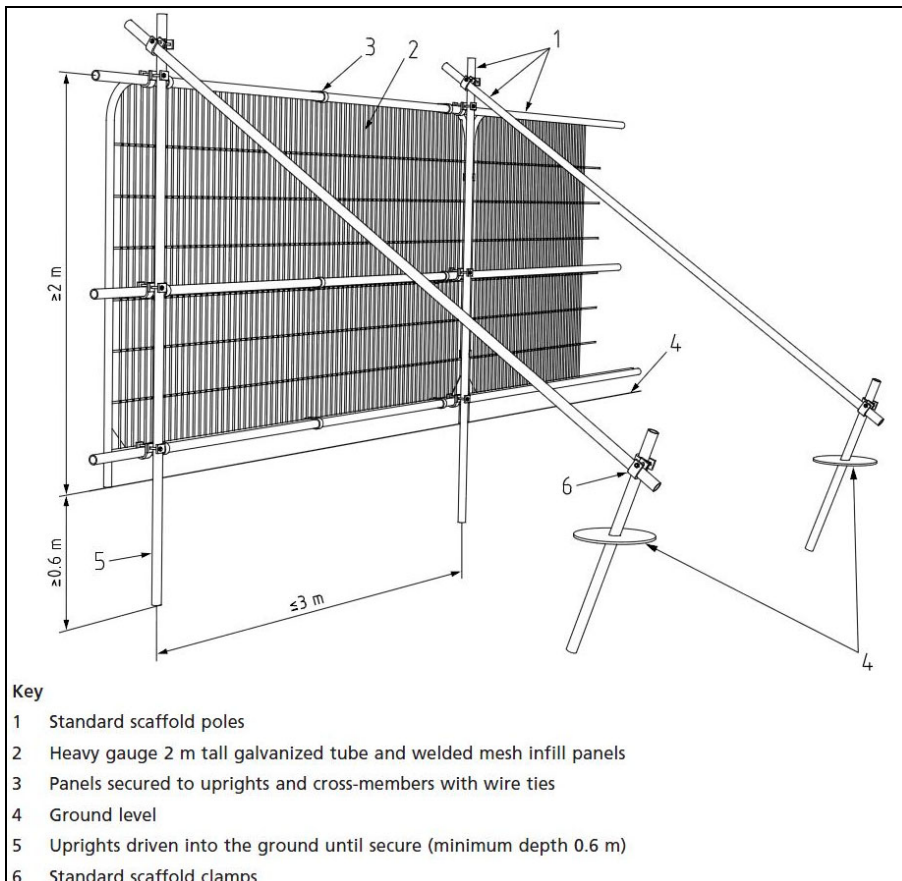
1. The erection of all tree protection measures outlined in this AMS and as indicated on the Tree Protection Plan will be inspected by the contract ACoW immediately after erection. Photographic evidence of the location and specification of all protective fencing will be forwarded to WCBC Tree Officer upon completion.
2. All proposed work within any designated RPA will be overseen by the ACoW with photographic records taken and signed inspection report emailed direct to WCBC Tree Officer for approval

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 (as Appendix 3).
- 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 WCBC, no works including storage or dumping of materials shall take place within the exclusion zones defined by the protective fencing.

Protective Fencing Detail

1. **Magenta** – Trees



Arboricultural Clerk of Works (ACoW)

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Appendix One

Proposed Tree Works

PROPOSED TREE SURGERY WORKS

SITE:	LAND AT TUPA, PENLEY, WREXHAM, LL13 0LU
CLIENT:	MR K BARKER & MRS T WILSON
BRIEF:	PROPOSED WORKS – PLANNING CONDITION 14 (APP/H6955/A/20/3258703)

PLANNING REF:	P/2024/0288
JOB REFERENCE:	24/AIA/WXM/220

TREE NO	SPECIES (COMMON NAME)	PROPOSED WORKS
T1	Horse Chestnut	• 3rd party tree – no works
T2	Oak	• N/A
T3	Oak	• N/A
T4	Oak	• 3rd party tree – no works
T5	Oak	• 3rd party tree – no works
T6	Oak	• 3rd party tree – no works
T7	Oak	• 3 rd party tree advisory - requires remedial works
T8	Willow	• No works
T9	Birch	• No works
T10	Cherry	• No works
T11	Oak	• No works
T12	Sycamore	• Remove
T13	Oak	• No works
G1	Willow	• Remove
G2	Horse Chestnut Sycamore Birch Willow	• Requires all dead, dying and dangerous trees removed or coppiced to ensure safety of construction personnel and future occupiers. Refer to management plan • Reduce western tree canopies by 2m back to next available inner sub lateral growth point
G3	Birch	• No works at present

Appendix Two

Tree Protection Plan



Tree Protective Fencing Specification

PROTECTIVE FENCING. THIS FENCING MUST BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND DRAWINGS FOR THIS DEVELOPMENT.

TREE PROTECTION AREA
KEEP OUT!
FROM A DANGER PLANNING AND TREE WORKS. THESE ARE PROTECTED BY PLANNING CONDITIONS AND THE MAINTENANCE OF A TREE PROTECTION AREA. CONTRACTORS OF A TREE PROTECTION AREA MUST NOT ENTER THE PROTECTED AREA WITHOUT THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY.



Legend

Root Protection Area Modified to Account for Site Features

Category A (High Quality) Category B (Moderate Quality) Category C (Low Quality) Category U (Dead/Dying/In Decline)

NOTE: Tree/group numbers marked with an * have approximate locations

2.0m high heavy duty rhino panels (with extra central support bar) mounted on scaffold poles (driven in to the ground) and secured with anti tamper bolts – as illustrated.

Client:	Mr K Barker and Mrs T. Wilson	
Project:	Land at Tupa, Penley Hall Drive, Penley, LL13 0LU	
Title:	Tree Protection Plan	
Scale:	1:250@A1	Date: May 2024
Drawn By:	AM	Revision: C
Job Ref:	24/AMS/WXM/220	Drawing No: 03

Do not scale from this drawing all dimensions to be checked on site.

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Appendix Three

Tree Protection Sign



**PROTECTIVE FENCING. THIS
FENCING MUST BE
MAINTAINED IN ACCORDANCE
WITH THE APPROVED PLANS
AND DRAWINGS FOR THIS
DEVELOPMENT.**



**TREE PROTECTION AREA
KEEP OUT !**

**(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY
PLANNING CONDITIONS AND/OR ARE THE SUBJECTS OF A
TREE PRESERVATION ORDER.
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY
LEAD TO CRIMINAL PROSECUTION**

**ANY INCURSION INTO THE PROTECTED AREA MUST BE
WITH THE WRITTEN PERMISSION OF THE LOCAL
PLANNING AUTHORITY**