TREE SOLUTIONS



Arboricultural Method Statement

Former Ebeneser Chapel - 2 Chester Road, Wrexham

Prepared for:

WALES & WEST HOUSING

Our Ref: 25/AMS/WXM/331

May 2025

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Tree Solutions Ltd • Registration in England & Wales • Company No. 04548951

Sequence of Arboricultural Operations

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

1. Erection of temporary protective fencing
2. Main construction phase activities
3. Removal of temporary protective fencing
4. Removal of existing bound surfaces within the RPA of tree
5. Landscaping within Root Protection Areas (RPAs)
6. Arboricultural monitoring and site supervision

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1. Erection of Temporary Tree Protective Fencing

1. Prior to commencement of any construction, preparation, excavation, or materials deliveries, the principal contractor shall install protective fencing as detailed within the 'Tree Protection Specification' and shown on the Tree Protection Plan.
2. A minimum of five working days' written notice shall be provided to Tree Solutions upon installation of the fencing to allow for inspection. An inspection report will be compiled and submitted to the Local Planning Authority (LPA) Tree Officer for approval.
3. Any damage to protective fencing occurring during the demolition or construction phases shall be rectified immediately by the principal contractor.

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2. Main Construction Phase

1. Protective fencing must be in place prior to the arrival of any construction plant, equipment, or materials on site.
2. Protective barriers shall comply fully with *BS 5837:2012* requirements to prevent mechanical damage to retained trees and encroachment into RPAs.
3. No storage of construction materials, parking of vehicles, siting of welfare units, or operation of equipment shall occur within RPAs and Construction Exclusion Zones (CEZs) delineated by fencing.
4. No materials potentially harmful to tree health (e.g., cement, oil, bitumen) shall be stored or discharged within 10 metres of the trunk of any retained tree. Open fires will be strictly prohibited on site.
5. The site manager or appointed representative shall supervise all deliveries involving self-loading cranes or similar plant to ensure no risk to retained trees.

Cement Mixing

- Cement mixers shall be positioned outside RPAs, placed atop appropriate ground protection (e.g., plywood boards) throughout all development works.

Avoidance of Stem and Branch Damage

- Site operations shall be carefully planned to ensure that tall or wide loads, cranes, and equipment with counterweights do not come into contact with tree stems or branches, preventing mechanical damage that could compromise tree viability.

On-Site Storage of Spoil and Building Materials

- No spoil, soil heaps, or building materials shall be stored within RPAs, whether or not the proposed work footprint falls within tree crown spreads.
- Any required encroachments within protected areas will only proceed following written approval from the LPA Tree Officer.

3. Removal of Temporary Tree Protective Fencing

1. Protective fencing shall only be removed after all construction work is completed and all machinery has been removed from site.

4. Removal of Bound Surface with RPA of Trees

To minimise disturbance to tree root systems during removal of bound surfacing within Root Protection Areas (RPAs), the following methodology shall be strictly observed:

1. Supervision - All works shall be carried out under the direct supervision of the appointed Arboricultural Clerk of Works (ACoW).
2. Manual Breakout - Surface removal shall be undertaken by hand. The use of mechanical or pneumatic tools is strictly prohibited to avoid vibration and potential damage to tree roots. Tools such as pickaxes shall be used carefully to lift surface materials, taking care not to damage the protective bark of any exposed roots.
3. Root Protection During Exposure - Any exposed roots shall be immediately wrapped in clean, dry hessian sacking to prevent desiccation and mitigate temperature fluctuations.

    - Roots <25mm in diameter, or those bound to arisings, may be pruned cleanly back to a suitable lateral root using sharp secateurs or saws.
    - Roots >25mm in diameter shall not be severed without prior consultation with both the Local Planning Authority (LPA) Tree Officer and Tree Solutions.

4. Debris Removal and Machinery Access - No machinery shall enter or pass over the area once the surface has been broken out. All arisings must be removed manually to prevent soil compaction and further root disturbance.
5. Backfilling Procedure - Prior to backfilling, any hessian wrapping shall be carefully removed. Retained roots shall be surrounded by a minimum of 35mm of sharp sand or other loose, granular fill, to provide cushioning and promote aeration. This layer must be in place before any subsequent material is reintroduced.
6. Site Protection Post-Excavation - Until resurfacing is complete, tree protection fencing shall be realigned to enclose the newly exposed surface. This temporary barrier shall remain in place to prevent accidental disturbance or compaction of the area.

5. Landscaping Works within RPAs

1. Ground preparation within RPAs shall avoid rotovating or deep cultivation.
2. No excavation works for hard landscaping, cable runs, or other services shall occur within RPAs or CEZs unless expressly approved in writing by the LPA.

6. Arboricultural Site Supervision

1. Initial Inspection of Protective Measures - All tree protection measures specified in this Arboricultural Method Statement (AMS) and shown on the Tree Protection Plan (TPP) shall be installed prior to the commencement of any site activity, including demolition, construction, or groundworks.

    The appointed Arboricultural Clerk of Works (ACoW) will carry out an inspection immediately following the erection of these protective measures.

- Photographic evidence documenting the location, extent, and specification of all installed tree protection fencing and ground protection will be compiled.
- This record will be submitted to Wrexham Council's Tree Officer upon completion for confirmation and approval.

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2. Supervision of Works within RPAs - All operations occurring within any designated Root Protection Area (RPA) will be carried out under direct arboricultural supervision by the ACoW.

- During these operations, photographic records will be taken, and an inspection report prepared.
- A signed copy of the report, accompanied by photographic documentation, will be submitted to the Local Planning Authority (LPA) upon completion of each supervised stage, for formal approval.

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Tree Protective Fencing Specification

Prior to commencement of any site excavation or construction activities (other than those approved within the Tree Works Schedule), protective fencing shall be installed as follows:

1. Fencing shall comprise a scaffold framework in accordance with Figure 2 of *BS 5837:2012*, consisting of vertical and horizontal scaffold poles, well-braced to resist impacts.
2. Vertical poles shall be spaced at no greater than 3m intervals. Weldmesh panels shall be securely attached to the framework using wire ties or scaffold clamps.
3. Free-standing panels on rubber or concrete feet are not permitted.
4. The site manager, or another suitably qualified appointed individual, shall inspect protective fencing daily. Any breaches or damage shall be immediately rectified.
5. Weatherproof signage reading "Protected Trees – Exclusion Zone" shall be fixed at approximately 1.5m height, facing outward at regular intervals along the fence line.
6. Protective fencing shall remain in place until all construction operations are complete, and all site traffic has been removed.
7. No activities, including materials storage or dumping, shall occur within fenced exclusion zones without prior approval of the LPA.

Protective Fencing Detail

1. Magenta - Trees



Arboricultural Clerk of Works (ACoW)

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Email: alistair@tree-solutions.co.uk

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Appendix 1

Tree Protection Plan

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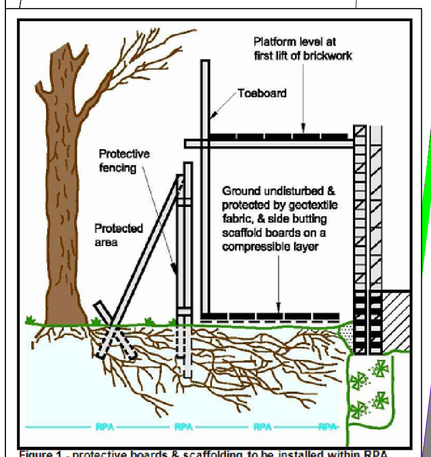


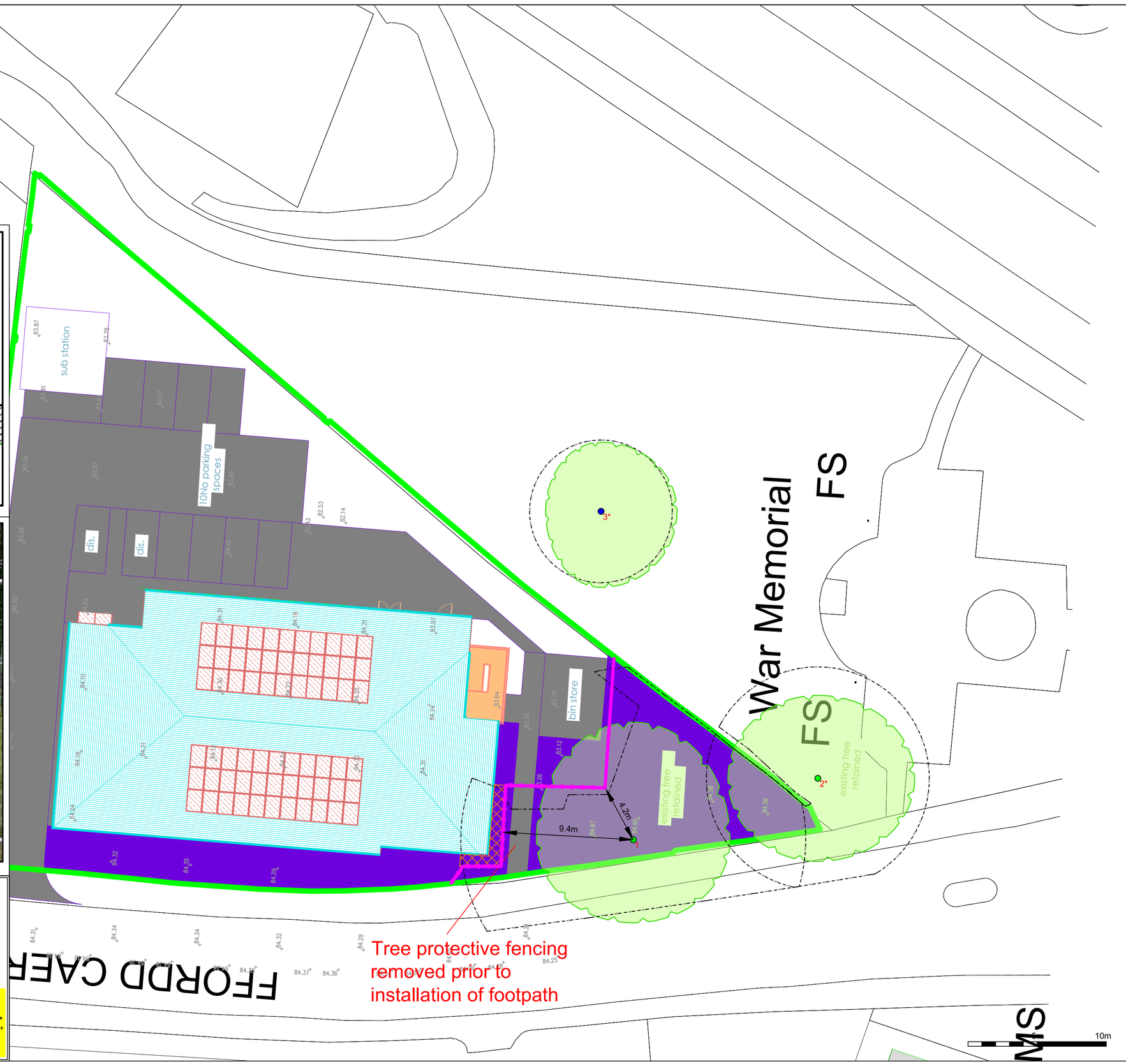
Figure 1 - protective boards & scaffolding to be installed within RPA



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 !
(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



Legend

Root Protection Area Modified to Account for Site Features

Category
Crown Spread
Tree Number
Root Protection Area
3

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

2.0M high Heras (with extra central support bar) mounted on scaffold poles (driven in to the ground) and secured with anti tamper bolts – as illustrated.

Ground Protection

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

Client: Wales & West Housing	
Project: 2 Chester Road, Wrexham	
Title: Tree Protection Plan	
Scale: 1:200 @ A2	Date: May 2025
Drawn By: NB & AM	Revision: A
Job Ref: 25/AIA/WXM/331	Drawing No: 03

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

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Appendix 2

Tree Protection Sign

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



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