TREE SOLUTIONS



Arboricultural Method Statement

Llay New Road, Rhosrobin

Prepared for:

SG ESTATES

Our Ref: 24/AMS/WXM/282
Planning Ref: P/2024/1193

November 2024

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

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. Install ground protection boards
5. Main construction phase
6. Install services
7. Removal of temporary fencing
8. Erection of boundary fencing
9. Landscaping within RPA of trees
10. Arboricultural site supervision (ACoW)

1. Tree Surgery Works

1. Before the erection of the temporary protective fencing, all tree works shall be implemented in accordance with the approved Tree Solutions Arboricultural Impact Assessment
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. The Arboricultural Clerk of Works (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

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. Install Ground Protection within RPA of Tree Numbers 5, 6, & 7

1. Ground protection shall be installed prior to commencement of any construction work on site and shall be in accordance with the specification in plate 1 below.
2. The ground beneath any protection boarding will be left undisturbed and will be protected with a porous geotextile fabric and side butting scaffold boards on a 100mm compressible layer such of sharp sand
3. Boards will remain in-situ until the construction of the building has been completed

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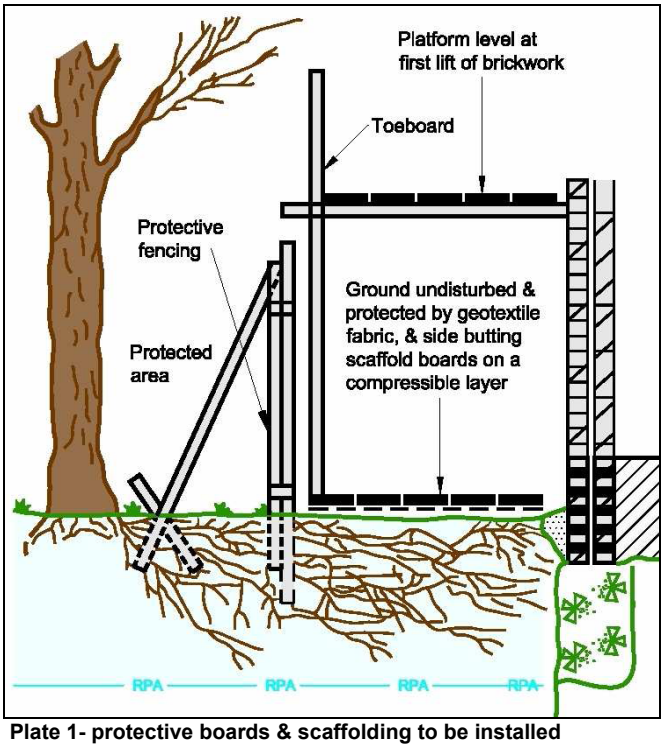


Plate 1- protective boards & scaffolding to be installed

5. 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 meeting 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

- 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 ACoW or WCBC Arboricultural Officer

6. Install Services

1. All service runs are to be located outside the designated RPA of trees.

7. 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.

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8. Erection of Timber Boundary Fencing

1. Holes for support posts for the boundary timber fence panels that encroach within the RPA of trees shall be excavated using a hand auger and kept to the minimum dimensions required
2. Each hole will be lined with a non-porous visqueen prior to the post and concrete backfill being installed to prevent any lime leaching into surrounding soil
3. Photographic evidence of the above shall be issued to WCBC tree officer upon completion

9. Landscaping within RPA of Trees

1. 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.
2. 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 the LPA.

10. Arboricultural Site Supervision – Arboricultural Clerk of Works (ACoW)

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. Any proposed work within the designated RPA of trees will be overseen by the ACoW with photographic records taken and signed inspection report emailed direct to WCBC Tree Officer for approval

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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.

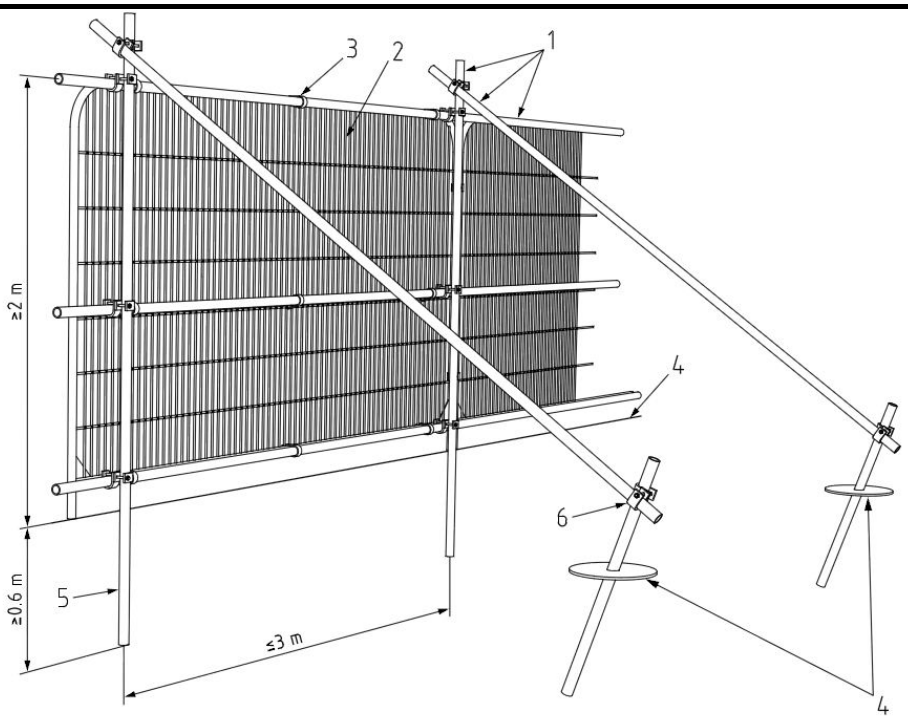
3 Clearly legible weatherproof signage, stating “Protected Trees – Exclusion Zone” shall be attached to the fencing 1.5m from the ground, facing out of the Tree Protection Zone located at regular intervals along the fence line (as Appendix 3).

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 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

1. Magenta - Trees



Key

1 Standard scaffold poles
2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6 m)
6 Standard scaffold clamps

Arboricultural Clerk of Works (ACoW)

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TREE SOLUTIONS

Appendix One

Tree Protection Plan

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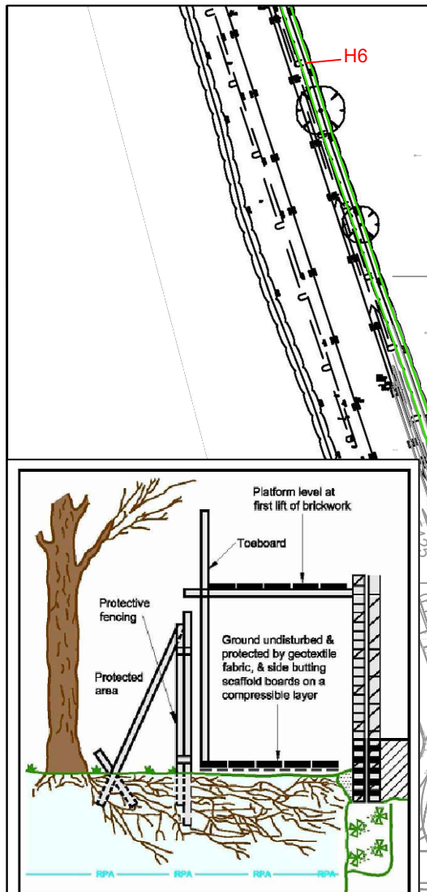
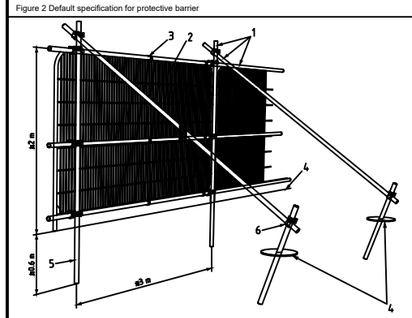


Figure 1 - protective boards & scaffolding to be installed within RPA

Figure 2 Default specification for protective barrier



Key

1 Standard scaffold poles
2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6 m)
6 Standard scaffold clamps



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

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

Tree/Hedgerow Protection Fencing

Ground Protection

Client: SG ESTATES	
Project: Land off Llay New Road, Rhosrobin, Wrexham	
Title: Tree Protection Plan	
Scale: 1:1000 @ A3	Date: November 2024
Drawn By: AM & NB	Revision: H
Job Ref: 24/AMS/WXM/282	Drawing No: 03

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

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Appendix Two

Tree Protection Sign

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