Arboricultural Method Statement

1.0 Introduction

1.1 The purpose of this document is to establish good working practices to ensure the protection of any established trees on site in line with British Standard 5837:2012.

1.2 This document presents the details required for approval by way of a condition of planning consent P/2025/0643 for; '*Change of use of land to car park'* at Trevor Basin, Off Station Road, Trevor Llangollen, Wrexham LL20 7TT.

2.0 Condition 4 (Arboricultural Method Statement)

2.1 Planning permission P/2025/0643 was granted by Wrexham Country Borough Council (WCBC) on the 20th of February 2026 with the following condition (condition 4), which requires information to be submitted for approval.

'4. No development shall take place until an Arboricultural Method Statement has been submitted to and approved in writing by the Local Planning Authority. No development or other operations shall take place expect in strict accordance with the Method Statement as is approved. The Method Statement shall include the following:

1) *A specification for tree protection fencing and ground protection measures that comply with British Standard 5837:2012.*

2) *A Tree Protection Plan showing the location of tree 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.*

3) *A full specification for any access, driveway, path, underground services or wall foundations within retained tree Root Protection Areas or Construction Exclusion Zones, including any related sections and method for avoiding damage to retained trees.*

4) *Details of general arboricultural matters including proposed practices with regards to cement mixing, materials storage and fires.*

5) *Details of the frequency of supervisory visits and procedures for notifying the findings of such visits to the Local Planning Authority.*

6) *Method of protecting retained trees during the demolition works.*

7) *Details of all proposed tree works, including felling and pruning.'*

3.0 Arboricultural Method Statement

3.1 The following information is provided to establish good working practices for the protection of establish trees on site, in context with the specific requirements of Condition 4 above.

1) A specification for tree protection fencing and ground protection measures that comply with British Standard 5837:2012.

3.2 It is not anticipated that tree protection fencing is going to be required as the physical works, other than soft landscaping, will take place outside of the tree root protection areas (as shown on the Tree Root Protection Plan). It is not anticipated that tree protection fencing will be required, as all physical works—other than soft landscaping—will take

place outside the designated Tree Root Protection Areas (as shown on the Tree Root Protection Plan). This Arboricultural Method Statement relates solely to soft landscaping, and no construction-related activity is proposed within any Root Protection Areas.

3.3 Any soft landscaping works that encroach within the Tree Root Protection Areas will be introduced in accordance with low-impact implementation measures whereby 'tree protection' is secured through the methodology of this work, which is set out as follows:

- All planting carried out at existing ground levels – no excavation, no soil stripping and no level changes.

- Shrub pits created using hand tools only, kept shallow to avoid intersecting major tree roots. Shrub pits will be created using hand tools only, kept deliberately shallow to avoid intersecting major tree roots. All planting will be undertaken in accordance with BS5837:2012, ensuring operations do not disturb existing soil structure or cause damage to retained tree roots. Works will be restricted to hand-tool excavation only.

- If any roots over 25mm are encountered, they are retained in situ and planting locations adjusted accordingly.

- No machinery use, cement mixing or materials storage within the Tree Root Protection Zones.

- A light mulch dressing only, with no ground disturbance.

3.4 Nevertheless, should this approach change and tree protection fencing is considered necessary, the specification of which (in line with British Standard 5837:2012) is shown as **Appendix One**.

2) A Tree Protection Plan showing the location of tree 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.

3.5 The 'Car Parking Soft Landscaping Plan' shows the extent of Tree Root Protection Areas and crown spread affecting the site (dashed orange line and un-broken green line), which is only relevant for the smaller of the two areas of land making up the site where three parking spaces are provided. This plan is included as **Appendix Two**.

3.6 The Tree Root Protection Areas are shown not to encroach into the area of physical works where the car parking spaces and the appropriate surfacing is proposed. The Tree Root Protection Areas remain contained within the existing area of soft landscaping, which is to be retained as part of the scheme.

3.7 No trees are to be removed and there are no construction exclusion zones to be shown. As described above, tree protection fencing is not anticipated as only soft landscaping will take place within Tree Root Protection Areas, which will be delivered to the low-impact implementation methodology established in paragraph 3.3 to ensure 'tree protection'.

3) A full specification for any access, driveway, path, underground services or wall foundations within retained tree Root Protection Areas or Construction Exclusion Zones, including any related sections and method for avoiding damage to retained trees.

3.8 There are no physical works taking place to create the car parking spaces with a new suitable vehicular surface within the established Tree Root Protection Areas. As referenced above, there are no construction exclusion zones.

3.9 Furthermore, despite being located outside of the Tree Root Protection Areas and as described in the supporting information included with planning consent P/2025/0643, the car parking space sub-base is provided using a 'no-dig 'methodology with the use of a cellular confinement system (Cellweb TRP) for a robust approach towards tree root protection.

4) Details of general arboricultural matters including proposed practices with regards to cement mixing, materials storage and fires.

3.9 No cement mixing is required to deliver the physical works therefore this type of construction activity will not take place. Similarly, given the reasonably small scale physical works involved there is no need for material storage and there will not be any fires on-site.

5) Details of the frequency of supervisory visits and procedures for notifying the findings of such visits to the Local Planning Authority.

3.10 The physical works do not involve excavation, root exposure and involve the established 'no-dig' and 'low-impact implementation' methodologies. As there are no activities that would ordinarily require Arboricultural attendance under BS5837 practices, no supervision is triggered during the works.

6) Method of protecting retained trees during the demolition works.

3.11 There is no demolition necessary as part of the physical works required to deliver this scheme.

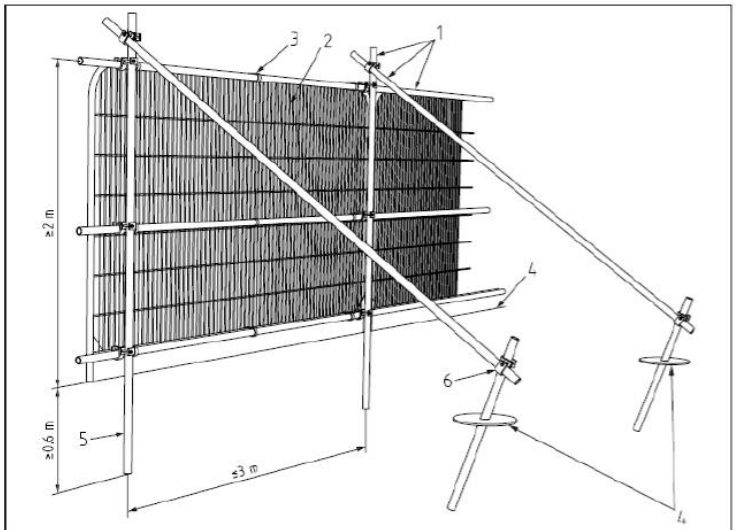
7) Details of all proposed tree works, including felling and pruning.'

3.12 There are no tree works necessary, including felling and pruning, as part of the physical works to deliver this scheme.

Appendix One

British Standard 5837:2012 Tree Root Protection Fencing Specification

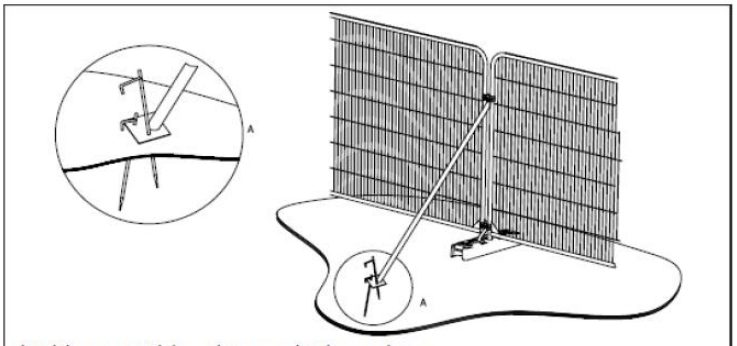
(Extract from BS 5837:2012, Figure 2)



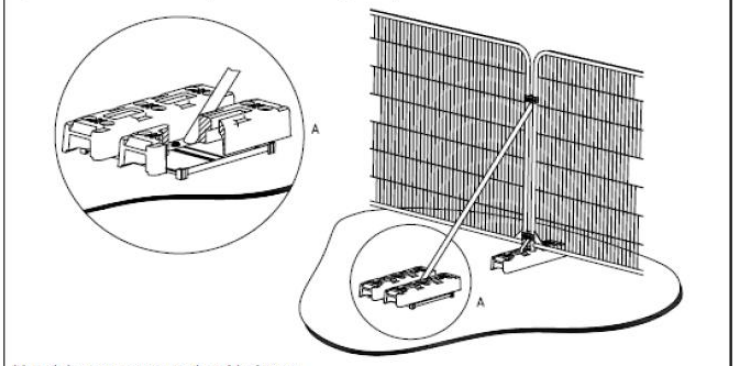
Key

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

Alternative options available for securing protective barrier fencing (Extract from BS 5837:2012, Figure 3)



a) Stabilizer strut with base plate secured with ground pins



b) Stabilizer strut mounted on block tray

Appendix Two

Tree Root Protection Plan

KEY

- Root Protection Area
- Existing Trees
- Soft Landscaping to be retained as existing or reinstated as required with Grass Mixture for Hedgerows and Woodland Emorsgate EG8 within woodland area
- Proposed grass planting 23m2 Grass Mixture for Hedgerows and Woodland Emorsgate EG8
- Proposed native shrub understory 74m2 refer to planting key schedule for specieslize to be mulched with 75mm (settled depth) bark mulch

SPECIFICATION NOTES

1. General
This plan to be read in conjunction with the following documents:
· any other supporting information
2. General Landscaping
Existing levels to be preserved around retained existing trees and vegetation.
Existing trees and vegetation to be retained are to be protected in accordance with BS5837:2012 during construction. Proposed planting under existing trees
subject to sufficient space in root areas.
3. Preparation of Planting Beds
· Rubbish, concrete, metal, glass, decayed vegetation are to be removed and disposed of off site.
· Stones with the largest dimension exceeding 40mm are to be removed from planting beds and disposed of off site.
· Substances injurious to plant growth including subsoil, rubble, fuel and
lubricants should be removed and disposed of off site.
· Remove any existing weed growth.
· Areas of large root are to be grubbed up without undue disturbance of surrounding soil and adjacent areas.
· All site preparation, planting and maintenance to comply with BS 4429
4. Topsoil
Imported topsoil to be a good quality loam to BS 3882:2015. All topsoil areas shall be thoroughly cultivated by hand or suitable machinery to the full depth of the topsoil layer, incorporating ameliorant's as specified and/or as indicated
by analysis and/or as directed by the Landscape Architect. Hand cultivation's shall be carried out to achieve the required finish on areas where machine cultivation is impossible Le adjacent to kerbs, manholes and footpath junctions etc.. Surplus plant matter, rubbish and surface stones having any dimension greater than 25 mm shall be collected and removed from the site.
Existing topsoil to be stripped and re-used if suitable as per specification. All work to be carried out in line with BS 3882:2015 and DEFRA Construction Code of Practice for the Sustainable Use of Soils on Construction Sites (2009).
5. Plants
General plant stock to conform to BS 3936, advanced nursery stock and planting to BS 4428. Plants shall be first class examples of their species or variety, free from all pests and diseases, with good fibrous root systems and materially undamaged (refer to relevant sections of BS3936 rls 1-4
'Specification of Nursery Stock'). All planting operations to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations (excluding hard surfaces)'.
Carry out all planting while soil and weather conditions are suitable:
· Do not plant during periods of frost or strong winds. Plant only during the following periods:
· Container grown and root ball plants: At any time if ground and weather conditions are favourable. Ensure that adequate watering and weed control is provided
· Bare Root stock to be planted November to March.
All plants to be planted in cultivated planting beds at densities shown in plant schedule, in pits of min. size 0.3m x 0.3m x 0.3m deep so as to accommodate full root spread, backfilled with 80% clean topsoil and 20% compost and 20g granular fertilizer. All shrub beds to be in min. 350mm good
quality, well prepared topsoil. See Plant Schedule for species palette. Bed composition, arrangement and setting-out to be approved by Landscape Architect before work commences. Topsoil depth to be 350mm for shrub planting and 100mm for grass.
6. Mulch
General purpose mulch prepared in accordance with PAS 100. All planting areas and tree pits to be mulched with 75mm (settled depth) bark mulch.
7. Grass
Turfing and seeding shall be carried out during appropriate seasons and while soil and weather conditions are suitable for the relevant operations. Hand tools shall be used around trees, plants and in confined spaces where it is impractical to use machinery.

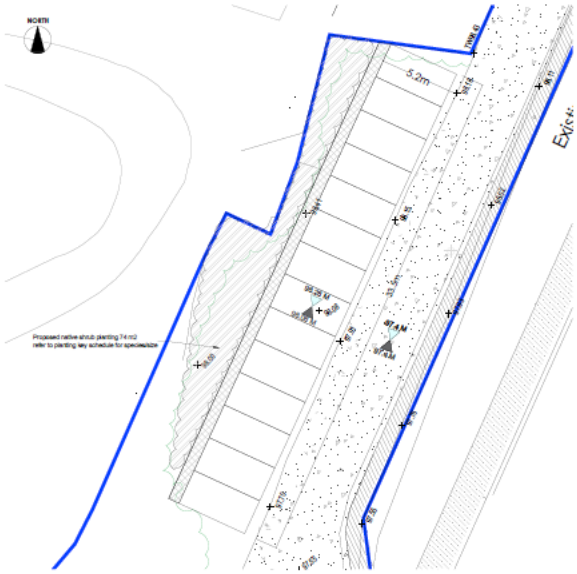
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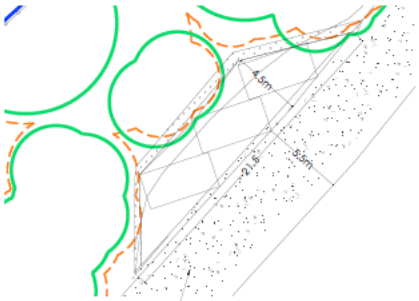
Drawn
CAR PARKING SOFT LANDSCAPE PLAN

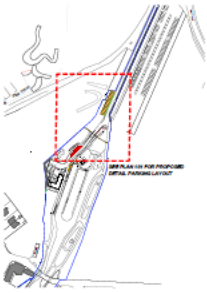
Project
Trevor Hire Boat Base

Origin Grid Ref:	Drawing No:
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Scale: 1:200 @ A1	Sheet Size: A1
Revision / Issue: 01	Revision Date: 19.07.23



CAR PARKING AREA 2 : PLANTING LAYOUT PLAN
Scale 1:200 @ A1





SITE LOCATION PLAN 1:2000 @ A1

Soft Landscaping to be retained as existing or reinstated as required with Grass Mixture for Hedgerows and Woodland Emorsgate EG8 within woodland area

CAR PARKING AREA 1 PLANTING LAYOUT PLAN
Scale 1:200 @ A1

SCRUB PLANTING MIX	74 m2			
SPECIES	%	No.	COMMON NAME	TYPE/SIZE (cm)
Corylus avellana		10	20 Hazel	11+1, 60-80cm,br
Crataegus monogyna		10	20 common hawthorn	11+1, 60-80cm,br
Rosa canina		5	10 canker rose	11+1, 60-80cm,br
Ligustrum ovalifolium		5	10 wild privet	11+1, 60-80cm,br
Cornus sanguinea		10	20 dogwood	11+1, 60-80cm,br
Prunus spinosa		10	20 sloe	11+1, 60-80cm,br

PLANTING NOTE: Planted at 1.0m centres on a grid in single species groups of 3-5

Planting Schedule : Scrub