



Norwich Western Link

Environmental Statement

Chapter 3 Description of Scheme

Appendix 3.1 Outline Construction Environmental Management Plan (OCEMP)

Sub-Appendix D Outline Arboricultural Method Statement

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Document Reference: 3.03.01d

Version Number: 00

Date: March 2024



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Appendix D – Outline Arboricultural Method Statement

This outline AMS describes the arboricultural protection measures identified as necessary for the protection of retained trees as part of the Proposed Scheme. It presents in principle the arboricultural protection measures which would be applied during construction. This Appendix forms a generic method statement for working near trees. Other specific measures will be required where outlined in the Outline CEMP or the **Appendix 11.6: Outline Bat Mitigation Strategy Sub Appendix E: Tree Felling Protocol** (Document Reference: 3.11.06e).

The AMS is a 'live' document and would be subject to regular review as the Proposed Scheme progresses. The AMS would be updated in line with the requirements and additional detail contained within the following documents:

- i) BS 5837:2012; and
- ii) the Construction Environmental Management Plan(s) submitted for approval.

Arboricultural Monitoring

General Requirements

Effective tree protection can only be achieved by adherence to a logical sequence of works combined with effective arboricultural monitoring. The purpose of arboricultural monitoring is to ensure that all tree protection measures are fit for purpose, are implemented in accordance with any approved details and as a means of enabling any previously unforeseen arboricultural issues to be promptly identified and suitably addressed.

The Principal Contractor would be responsible for ensuring all relevant site personnel are made aware of the requirements of this AMS and that any future amendments are known and understood. Copies of the approved AMS would be available onsite, the requirements of which would be incorporated into all relevant site management documents and site induction procedures.

Pre-Commencement

A pre-commencement meeting would be held between the Principal Contractor, local authority tree officer and the Environmental Manager (and qualified arboriculturist). The purpose of this meeting would be to ensure that all aspects of the tree protection measures are clear and understood and that any future sequencing and supervisory



arrangements are agreed. The details of this meeting would be recorded and would be circulated to all parties in writing.

The Principal Contractor shall nominate a person to be responsible for all arboricultural matters onsite. This person must:

- Be present on site whenever work is being undertaken that could impact trees,
- Be aware of their arboricultural responsibilities,
- Have the authority to stop any work that is causing, or has the potential to cause harm to any retained tree,
- Be responsible for ensuring that all site operatives are aware of their responsibilities toward retained trees and the consequences of any failure to observe those responsibilities,

Make immediate contact with the Environmental Manager and / or the project arboriculturist in the event of any tree related problems occurring, whether actual or potential.

During / Post-Construction

Once works commence the Environmental Manager (or project arboriculturist if designated) would undertake a programme of monitoring. This may include phone and email contact with the site manager, regular site visits and direct monitoring of installation of physical measures to protect trees. The frequency of any monitoring would be determined by the intensity and proximity of works to trees to record the effectiveness of protective measures and would be flexible enough to accommodate changes in the scheduling of tasks as they occur on the site.

The project arboriculturist would maintain a record of all aspects of the arboricultural monitoring which has been undertaken. This would provide a record of compliance with any agreed tree protection measures and would assist in the efficient discharge of any relevant planning conditions or demonstration of compliance with any statutory requirements.

Tree Protection Fencing

Purpose

To protect retained trees including their stems, crowns, rooting areas and the soil within which they grow.



General Requirements

Tree protection fencing should be specified by an arboriculturist or suitably qualified person.

Where identified by an arboriculturist, tree protection fencing would be used to prevent access to the root protection areas (RPAs) of retained trees and any adjustment to the location of fencing should be supervised by the arboriculturist. In all instances the following specification would be strictly adhered to:

The area to the rear of the tree protection fencing shall be considered to form a Construction Exclusion Zone. No construction activities, storage of materials or pedestrian or vehicular access shall take place within this area.

- All weather notices would be attached to the tree protection areas at suitable intervals and shall include suitably sized informative text containing information on the Construction Exclusion Zone.
- Regular checks would be carried out by the Environmental Manager (or an appointed person) to ensure that all tree protection fencing is still in place and functioning; any damage would be rectified without delay.

Timing

- Tree protective fencing shall be erected prior to any works onsite including site clearance, groundwork or the importation of plant and materials.
- Once erected tree protection fencing shall remain in-situ until all construction activities are complete.

Specification for Fencing

- Tree protection fencing shall be fit for the purpose of excluding construction activity and appropriate for the degree and proximity of work taking place. Suitable approaches to tree protection fencing are contained within BS 5837:2012.

The Contractor will consider the following items within the detailed AMS:

- i) Arboricultural monitoring;
- ii) Removal of arboricultural features, including how each veteran tree would be felled, each veteran tree would be placed as close to their original



location as possible or near existing woodland to provide a deadwood habitat area;

- iii) Tree canopy management and pruning;
- iv) Tree protection fencing;
- v) Ground protection; and
- vi) Special engineering and other relevant construction details.