

ENVIRONMENT - ARBORICULTURE

Tilstone Industrial Limited
Gellings Road
Knowlsey

Arboricultural Method Statement

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Limitations

The assessments and interpretation have been made in line with legislation and guidelines in force at the time of writing, representing best practice at that time.

All of the comments and opinions contained in this report, including any conclusions, are based on the information obtained by BWB during our investigations.

There may be other conditions prevailing on the site which have not been disclosed by this investigation and which have not been taken into account by this report. Responsibility cannot be accepted for conditions not revealed by the investigation.

Except as otherwise requested by the Client, BWB is not obliged and disclaims any obligation to update the report for events taking place after:

- a) the date on which this assessment was undertaken; and
- b) the date on which the final report is delivered.

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1. Arboricultural Method Statement

- 1.1 This Arboricultural Method Statement (AMS) outlines the parameters within which operations for the Proposed Development must be undertaken and details tree protection measures to minimise the impact to retained trees.
- 1.2 This document has been produced in conjunction with the Arboricultural Impact Assessment Report and associated Tree Schedule, Tree Constraints Plan and Tree Removal and Protection Plan. It should also be read in conjunction with the following documents ~ Fletcher Rae; Proposed Site Plan (19008-FRA-01-00DR-A-90-1001-P02) ~ Fletcher Rae; Design and Access Statement 19008-02-07-1-D&A ~ FPCR; Soft Landscape Plan 10302-FPCR-XX-XX-DR-L-0001B.
- 1.3 This AMS has been produced in accordance with BS5837:2012 'Trees in relation to design, demolition and construction – Recommendations'¹.

GENERAL GUIDANCE

- 1.4 A copy of this AMS and accompanying Tree Removal and Protection Plan must be made available on-site and introduced to all relevant contractors.
- 1.5 Tree protection fencing would not be removed or realigned other than as directed by the Project Arboriculturalist (PA).
- 1.6 Access and storage of materials would be prohibited within the Root Protection Area's (RPA's), as defined by the tree protection fencing.
- 1.7 No excavation or alteration of existing ground within RPA's would be permitted without prior approval from the PA.
- 1.8 Works would proceed in a careful and logical manner, such that accidental damage to trees by vehicles or machinery is avoided.

OPERATION SPECIFIC METHODS

Tree Works

- 1.9 The Proposed Development would require the removal of Group G3 (Category C) and small sections of Group G2 (B Category) for the proposed access and car parking. It is considered that the loss of sections of the Category B Group G2 and the removal of G3 would have a negligible effect on local landscape amenity as the majority of the tree line is being retained alongside Gellings Road.
- 1.10 Tree removals would be completed outside of bird breeding season (March 1st – July 31st) and trees must be professionally surveyed for signs of bat roosts and/or bat activity

¹ British Standards Institute (2012) 'Trees in relation to design, demolition and construction – Recommendations' Available from: <https://shop.bsigroup.com/products/trees-in-relation-to-design-demolition-and-construction-recommendations/standard/preview>

before starting any tree work. Care must be taken to ensure during tree work that damage to retained trees and/or disturbance to RPA's is avoided.

- 1.11 If additional necessary tree work is identified during the operational phase, the advice of the PA must be sought and any works would have to be approved by the Local Authority Arboricultural Officer.

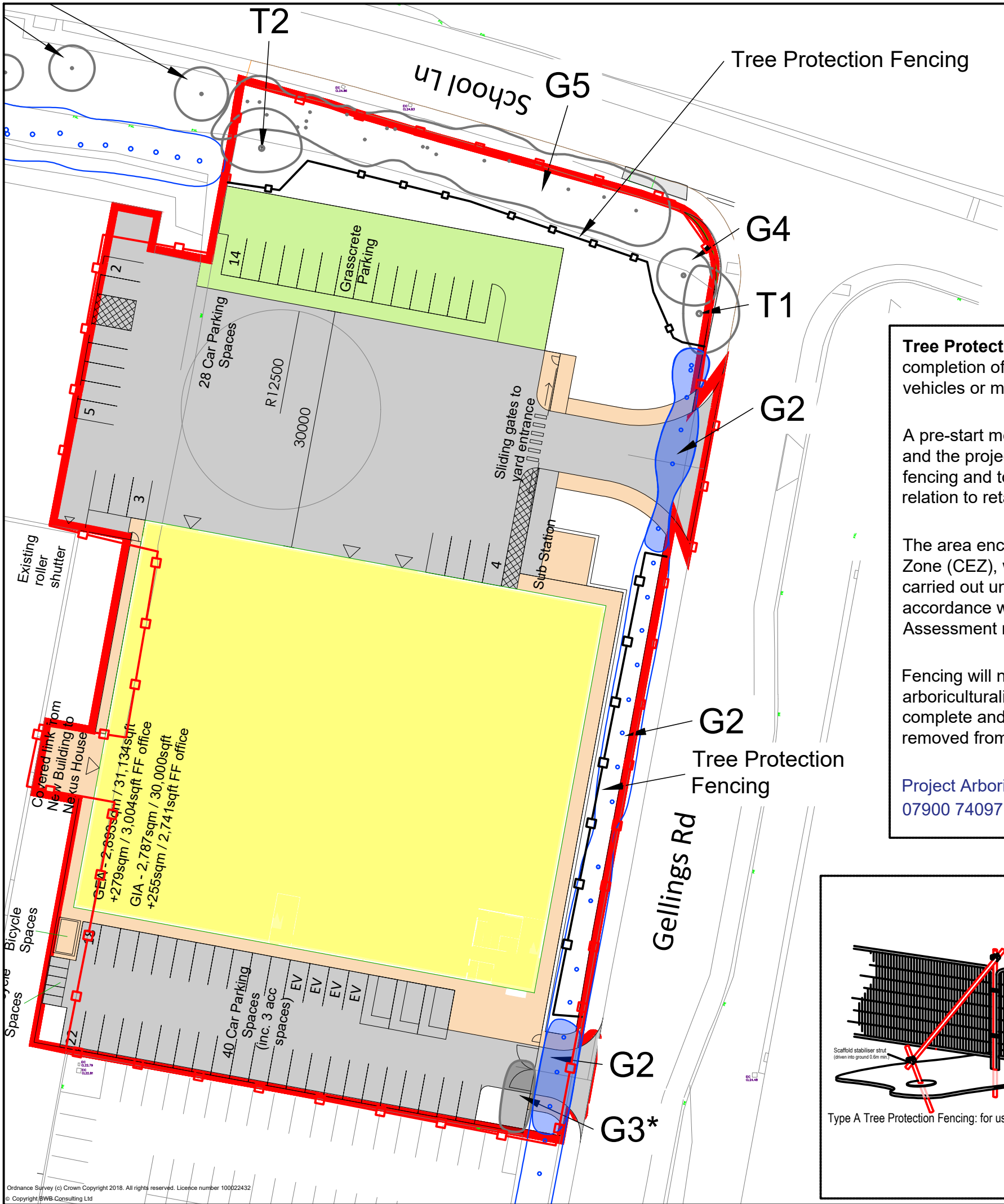
Pre-start Site Meeting

- 1.12 A pre-start meeting must be conducted between the PA, contract manager, and all other relevant project members. Tree protection fencing would be checked and approved, and technical and logistic issues of the operational phase would be agreed to ensure minimal disturbance and maximum protection to all retained trees.
- 1.13 The Local Planning Authority would be informed that Tree Protection measures have been installed as specified and checked by the PA.

Tree Protection Measures

- 1.14 All trees that have been selected for retention should be suitably protected with appropriate fencing for the duration of the construction phase of the Proposed Development (suitable protective fencing would comprise 2-metre-high Heras® type galvanized weldmesh panels, which must be secured to the ground and appropriately braced to prevent lateral movement).
- 1.15 The fencing must be installed after completion of the tree work and prior to bringing any construction vehicles or materials onto the Site. It must be installed in accordance with BS5837:2012 specification and the alignment shown on the Tree Removal and Protection Plan.
- 1.16 If any works are required within RPA's, the works must be assessed by the PA and appropriate protection measures, or operation methods must be agreed. If any excavation works are required, they must be supervised by the PA and must be completed in a controlled and sensitive manner.

APPENDIX 1: Tree Removal and Protection Plan



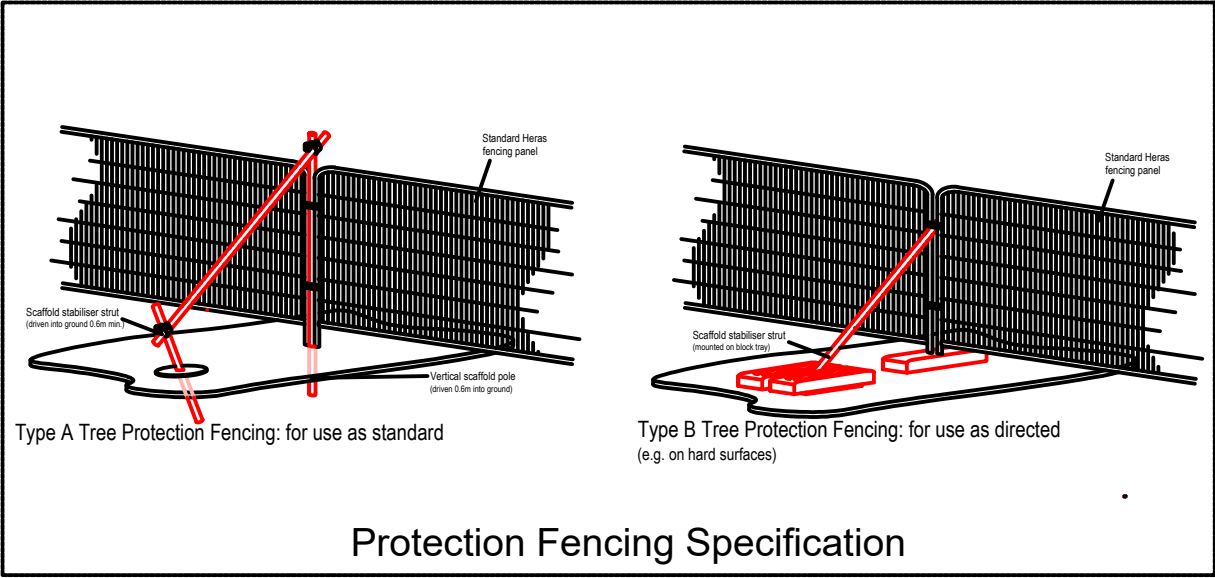
Tree Protection Fencing must be erected immediately after the completion of the approved tree removal works but prior to bringing any vehicles or materials onto site.

A pre-start meeting will be arranged between the site contract manager and the project arboriculturalist to mark out the alignment of protective fencing and to coordinate technical and logistic issues of construction in relation to retained trees.

The area enclosed by the fencing will become a Construction Exclusion Zone (CEZ), with the exception of permitted operations which must be carried out under the direction of the project arboriculturalist and in accordance with protection measures detailed in the Arboricultural Impact Assessment report and Arboricultural Method Statement.

Fencing will not be removed or re-aligned other than directed by the project arboriculturalist and it must remain in place until all construction works are complete and all vehicles, plant, compounds and materials have been removed from site.

Project Arboriculturalist: Richard O'Shea
07900 740971



- Notes**
1. Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
 2. This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
 3. All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
 4. Any discrepancies noted on site are to be reported to the engineer immediately.

Key Plan

Tree Categorisation:
(Tree quality assessment based on BS 5837:2012 Trees in relation to design, demolition and Construction - Recommendations)

Tree Retention

- Crown spread of category A**
Trees/groups of high quality and value
- Crown spread of category B**
Trees/groups of moderate quality and value
- Crown spread of category C**
Tree/groups of low quality and value
- Crown spread of category U**
Trees/groups unsuitable for retention

Tree Removal

- Crown spread of category A**
Trees/groups of high quality and value
- Crown spread of category B**
Trees/groups of moderate quality and value
- Crown spread of category C**
Tree/groups of low quality and value
- Crown spread of category U**
Trees/groups unsuitable for retention

Site boundary

Approximate position
(where not shown on the topographical survey - includes some trees within groups)

Tree Protection Fencing
This outlines the Construction Exclusion Zone (CEZ) and is defined by the Root Protection Area

Rev	Date	Details of issue / revision	Dwn	Rev

Issues & Revisions

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Client
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Project Title
Gellings Road, Knowsley

Drawing Title
Tree Removal and Protection Plan

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BWB Ref: XXX 0000	Date: 01.03.22
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