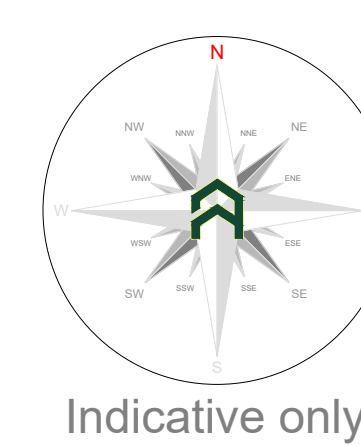
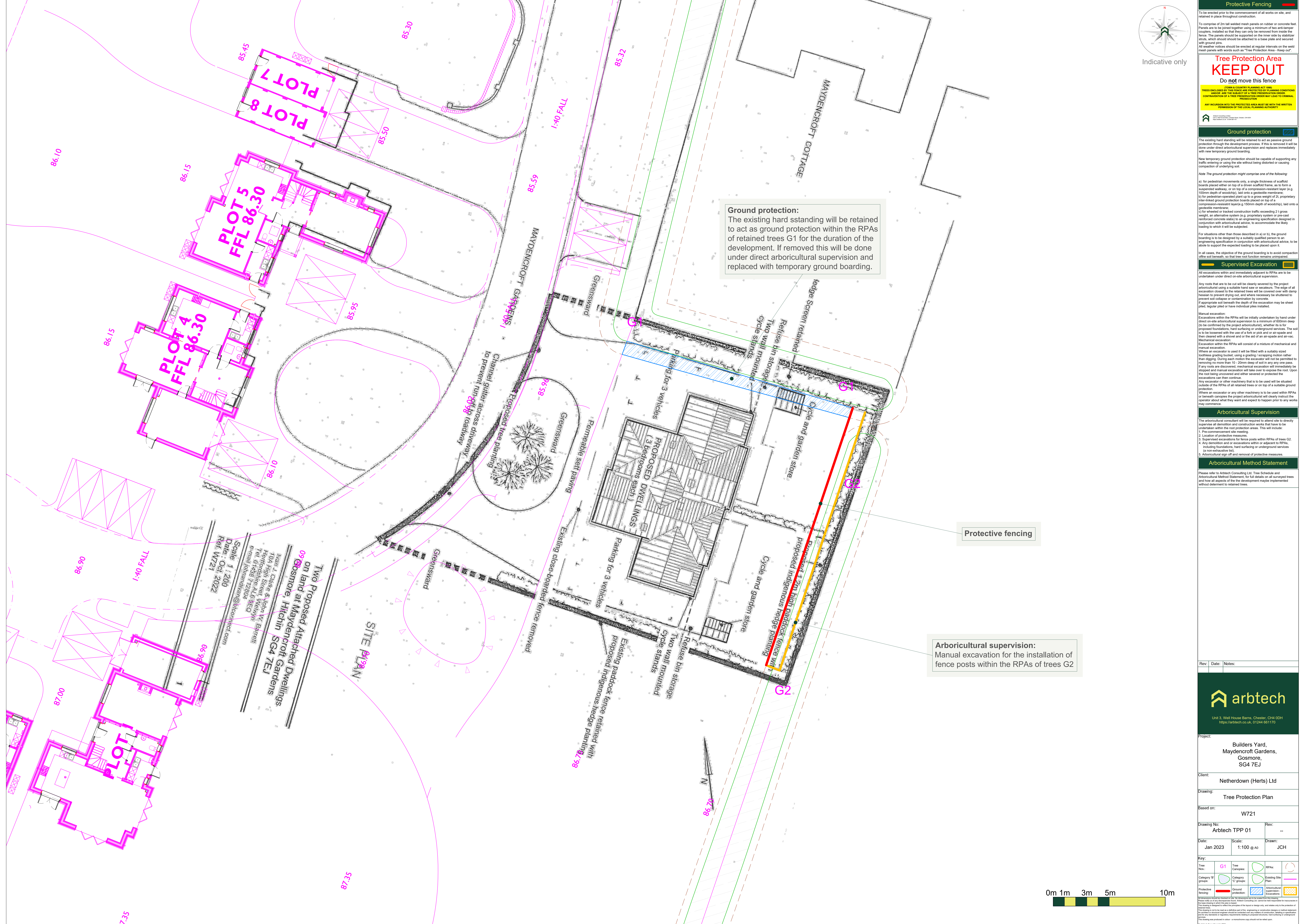




Protective Fencing

To be erected prior to the commencement of all works on site, and retained in place throughout construction.

To comprise of 2m tall welded mesh panels on rubber or concrete feet. Panels are to be joined together using a minimum of two end-tamper couplers, installed so that they can only be removed from inside the fence. The panels should be supported on the inner side by stabilizer struts, which should be attached to a base plate and secured with ground pins. All weather notices should be erected at regular intervals on the weld mesh panels with words such as "Tree Protection Area - Keep out".

Tree Protection Area
KEEP OUT
Do not move this fence

TOWN & COUNTRY PLANNING ACT 1990
TREES ENCLOSED WITHIN THIS AREA ARE PROTECTED BY PLANNING CONDITIONS AND ARE THE SUBJECT OF A TREE PRESERVATION ORDER. CONTAMINATION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL PROSECUTION.
ANY INFILTRATION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY

Ground protection

The existing hard standing will be retained to act as passive ground protection through the development process. If this is removed it will be done under direct arboricultural supervision and replaced immediately with new temporary ground boarding.

New temporary ground protection should be capable of supporting any traffic entering or leaving the site without being distorted or causing compaction of underlying soil.

Note: The ground protection might comprise one of the following:

- a) for pedestrian movements only, a single thickness of scaffold boards placed either on top of a driven scaffold frame, as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100mm depth of woodchip), laid onto a geotextile membrane;
- b) for pedestrian-operated plant up to a gross weight of 2t, proprietary inter-linked ground protection boards placed on top of a compression-resistant layer (e.g. 100mm depth of woodchip), laid onto a geotextile membrane;
- c) for wheeled or tracked construction traffic exceeding 2t gross weight, an alternative system (e.g. proprietary system or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction with arboricultural advice, to accommodate the likely loading to which it will be subjected;

For situations other than those described in a) to c), the ground boarding is to be designed by a suitably qualified person to an engineering specification in conjunction with arboricultural advice, to be able to support the expected loading to be placed upon it.

In all cases, the objective of the ground boarding is to avoid compaction of the soil beneath, so that tree root function remains unimpaired.

Supervised Excavation

All excavations within and immediately adjacent to RPAs are to be undertaken under direct on-site arboricultural supervision.

Any roots that are to be cut will be clearly severed by the project arboriculturist using a suitable hand saw or secateurs. The edge of all excavation closest to the retained trees will be covered over with damp hessian to prevent drying out, and where necessary be shrouded to prevent soil collapse or contamination by concrete.

If appropriate soil beneath the depth of the excavation may be sheet piled, regular piled or have individual piles installed.

Manual excavation:

Excavations within the RPAs will be initially undertaken by hand under direct on-site arboricultural supervision to a minimum of 600mm deep (to be confirmed by the project arboriculturist), whether this is for proposed foundations, hard surfacing or underground services. The soil is to be loosened with the use of a fork or pick and/or air-spade and then cleared with a shovel and/or the aid of an air-spade and air-vac.

Mechanical excavation:

Excavation within the RPAs will consist of a mixture of mechanical and manual excavation.

Where an excavator is used it will be fitted with a suitably sized, toothless grading bucket, using a grading / rimpulling motion rather than digging. During each motion the excavator will not be permitted to remove no more than 10 - 20mm deep of soil in any one pass. If any roots are discovered, mechanical excavation will immediately be stopped and manual excavation will take over to expose the root. Upon the root being uncovered and either severed or protected the excavators can then continue.

Any excavator or other machinery that is to be used will be situated outside of the RPAs of all retained trees or on top of a suitable ground protection.

Where an excavator or any other machinery is to be used within RPAs or beneath concrete the project arboriculturist will clearly instruct the operator about what they want and expect to happen prior to any works commencing.

Arboricultural Supervision

The arboricultural consultant will be required to attend site to directly supervise all demolition and construction works that have to be undertaken within the root protection areas. This will include:

- 1. Pre-commencement site meeting
- 2. Location of protective measures.
- 3. Supervised excavations for fence posts within RPAs of trees G2.
- 4. Any demolition and/or excavations within or adjacent to RPAs, including foundations, hard surfacing or underground services (a non-exhaustive list).
- 5. Arboricultural signs off and removal of protective measures.

Arboricultural Method Statement

Please refer to Arbtech Consulting Ltd. Tree Schedule and Arboricultural Method Statement, for full details on all arboricultural works and how all aspects of the development may be implemented without detriment to retained trees.

Protective fencing:
Manual excavation for the installation of fence posts within the RPAs of trees G2

Ground protection:
The existing hard standing will be retained to act as ground protection within the RPAs of retained trees G1 for the duration of the development. If removed this will be done under direct arboricultural supervision and replaced with temporary ground boarding.

Two Proposed Attached Dwellings
on land at Maydencroft Gardens,
Gosmore, Hitchin SG4 7EJ

Ivan J. Clarke & John Ky R. Barrett
Herfordshire ALC Wokingham
Tel: 01438 712200
e-mail: iohannbarrett@slconnect.com

Scale: 1:200
Date: Oct. 2022
Ref: W721



Unit 3, Well House Barns, Chester, CH4 0DH
https://arbtech.co.uk 01244 661170

Project:
Builders Yard,
Maydencroft Gardens,
Gosmore,
SG4 7EJ

Client:
Netherdown (Herts) Ltd

Drawing:
Tree Protection Plan

Based on:
W721

Drawing No:
Arbtech TPP 01

Rev:
--

Date:
Jan 2023

Scale:
1:100 @ A0

Drawn:
JCH

Key:

Tree No.	G1	Tree Categories	RPAs	Existing Site Plan
Category 'B' groups		Category 'C' groups		
Protective fencing		Ground protection	Arboricultural Supervision	Excavations

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