

Tree and Landscape Protection:

All existing trees that are on, or have a significant amount of their canopy overhanging, the site shall be protected in accordance with BS.5837:2005.

All trees to be retained on site shall be protected by Scaffold Framework Fences. The vertical and horizontal scaffold framework should be well braced to resist impacts. Horizontal tubes shall be spaced at a maximum of 3m. Weldmesh panels should be fixed securely to the framework with wire or scaffold clamps (see detail). Weldmesh panels on rubber or concrete feet do not withstand impacts and should not be used.

The location of the protective fence to be as shown unless specified otherwise by the Project Landscape Architect or as amended under a coordinated and approved project logistics / programme proposal.

The protective fencing shall be erected before any machinery or materials are brought onto site and before any demolition and or development commences. Where access precludes this the construction method statement to clearly programme installation / protection process.

No construction works, excavation, or ground alterations shall be carried out within the protected area without the prior agreement of Project Landscape Architect.

In circumstances where the concentration of construction activity is particularly intense, or the trees to be retained are either particularly valuable or particularly vulnerable, a protective fence 2.4m high shall be erected. This shall comprise of a scaffolding framework supporting a minimum of 20mm exterior grade ply or alternative robust boards.

The protective fencing shall not be removed, or its line altered, without prior agreement.

The tree protection fencing shall be maintained for the duration of all associated construction works. The temporary landscape protection fences shall be maintained for the durations described on plan.

Oil, bitumen, cement or other material likely to be injurious to a tree shall be stored a minimum of 10m from all trees. Concrete mixing to occur a minimum of 10m from all trees. Materials in general should be stored a minimum of 5m from all trees.

When carrying out works in the vicinity of trees to be retained - it is essential that allowance be made for the usage of the ground so that damaging materials such as concrete washings, mortar, diesel oil etc. cannot seep towards and consequently damage/harm the trees.

No site/signage boards, telephone cables or any other services shall be attached to a tree. No fires shall be lit where flames could extend to within 10m of the foliage.

No tree to be used as anchorage for winching or any other purposes.

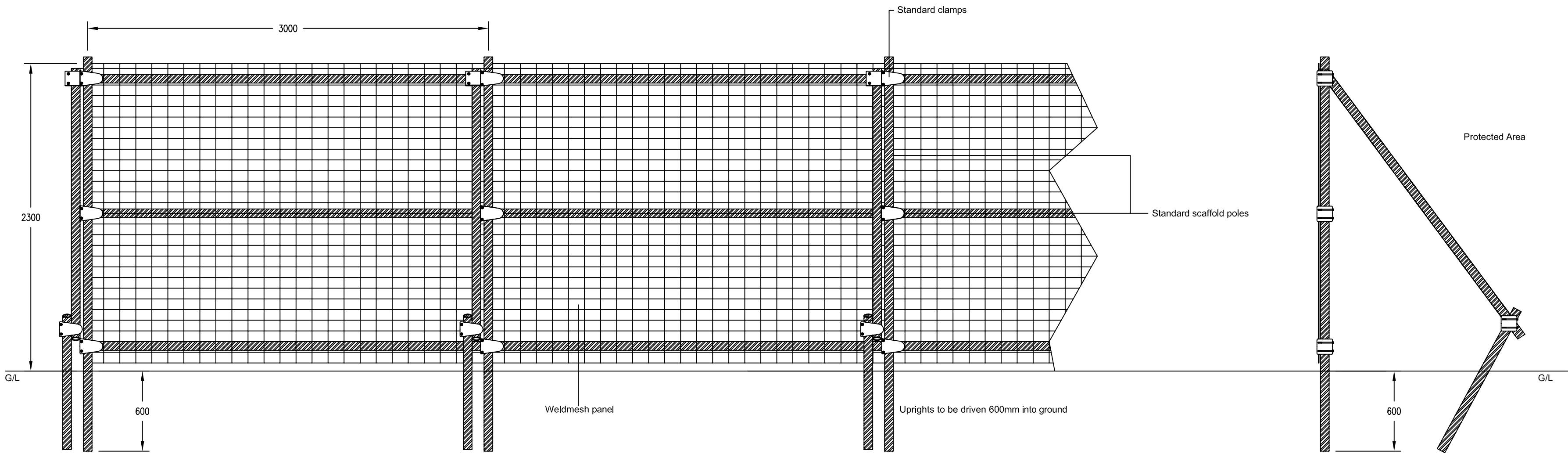
Care should be exercised when using cranes or similar equipment in vicinity of the tree to avoid damage to the tree canopy.

Any trees to be felled that are located adjacent to, or lie within a continuous canopy of trees to be retained shall be removed with particular care. All tree surgery work to be carried out by an Arboricultural Association approved contractor and in accordance with BS3998: 1989 Recommendations for Tree Work.

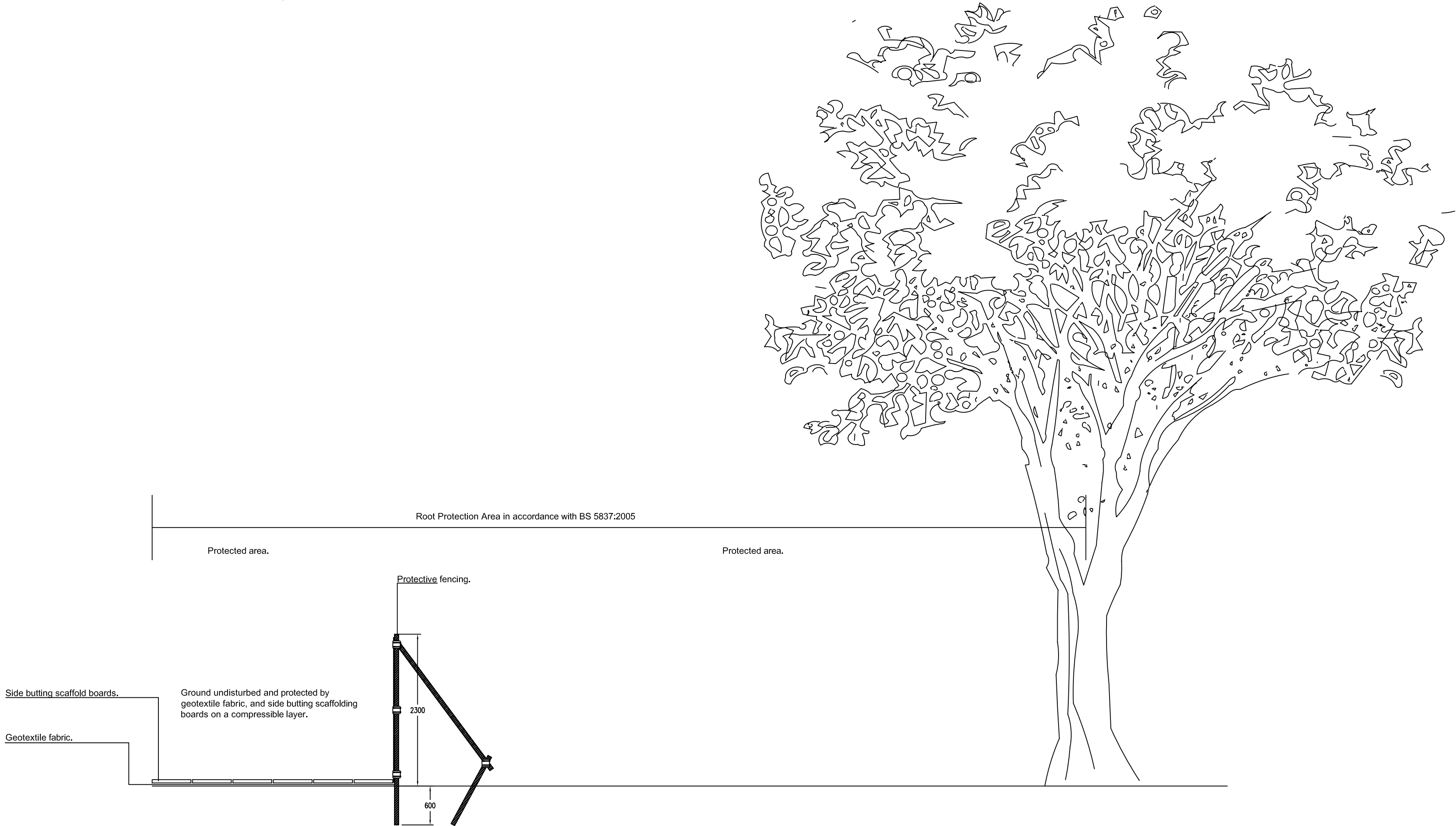
The objective of the protective fencing is to protect as large an area around the trees as possible in order to minimise the risk of damage to trees during construction. However if, after consideration of all alternatives, it proves essential for construction, excavation or service trench works to be carried out within the defined protected area around the tree specialist design advice shall be sought from the Project Landscape Architect who will involve an Arboricultural Consultant/Engineer to minimise disturbance to the tree and its root system.

TREE PROTECTION: Scaffold Frame Fence 1:25@A1

Panels secured to uprights with wire ties and standard scaffold clamps



TREE PROTECTION ZONE 1:50@A1



All dimensions to be verified on site. Figured dimensions to take precedent to those scaled. Any areas indicated on this drawing are for guidance only, no responsibility is taken for their accuracy.
The drawing is the property of Applied Landscape Design Limited. Copyright is reserved by them and the drawing is issued on the condition that it is not copied, reproduced, retained or disclosed to any unauthorized person, either wholly or in part without the written consent in writing of Applied Landscapes.

© 2009 Applied Landscape Design Limited. All rights reserved.

NOTES / KEY:

REFERENCE DRAWINGS/DOCUMENTS

REVISIONS

no. issued date

CLIENT:

SAINSBURY'S SUPERMARKETS LTD

LANDSCAPE ARCHITECT:



The Threshing Barn, Bignell park Barns,
Chesterton, Nr. Bicester, Oxfordshire, OX26 1TD
Tel: 01869 249776 Fax: 01869 327513
Email: mail@appliedlandscape.co.uk

PROJECT:

PLAS COCH ROAD

HIGHWAY IMPROVEMENTS

WREXHAM

DRAWING TITLE:

TREE/ROOT PROTECTION DETAILS

IN ACCORDANCE WITH

BS5837:2005

drawn: checked:

AF KmJ

scale: date:

AS @ A1 16.08.07

status: xref file ref:

Planning 421_ald_004

PROJECT NO. DRAWING NUMBER: REVISION:

421/10 SL253 P01

ORIGINAL A1 SIZE SHEET