



Arboricultural Impact Assessment

at
Melvinia Crescent
Barnsley



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1 Purpose and scope of report

This report has been created in accordance with BS5837:2012 to assess the impacts of proposed development as shown at Appendix 2, and also incorporates information taken from our tree survey Ref 260528/TS. This impact assessment should be read in conjunction with the tree survey, and as required by BS5837, it includes consideration of:

- The tree survey
- Trees selected for retention
- Trees selected for removal
- Trees to be pruned
- Areas designated for structural landscaping which need soil protection
- Evaluation of impact of tree losses
- Evaluation of tree constraints and tree protection plan
- Issues to be addressed by an arboricultural method statement

2 General information

It is advisable to have trees regularly surveyed by a suitably qualified and experienced arboricultural consultant. In this instance it is recommended that the next survey is undertaken within 12 months of this report. If the site or adjacent areas change use, or if there are significant changes to the condition of the site or adjacent areas, or if there are significant changes to the trees surveyed, it is recommended that professional arboricultural advice is obtained.

The plans included as part of this report are based on those provided by the client or their representatives. Whilst reasonable steps are taken to ensure plans are accurate and correct, the consultant will not be responsible for errors or omissions arising due to information provided by the client or the client's representatives.

All tree works should be carried out to BS 3998:2010 - '*Recommendations for tree work*' unless otherwise specified, and by a suitably qualified, experienced and insured contractor.

3 Trees selected for removal, retention and/or pruning

No trees will be removed in order to facilitate this development, but tree T3 is recommended to be pruned to improve the final quality of the development. The recommended pruning is minor and of the sort which is commonplace when managing trees in accordance with good arboricultural practice as recommended under BS3998.



4 Evaluation of impact of tree losses

No trees will be removed in order to facilitate this development, but tree T3 is recommended to be pruned in order to achieve a better quality of development, in accordance with BS3998.

The local tree-scape will be unaffected by this development.

5 Evaluation of tree constraints and tree protection plan

Tree constraints and potential affects have been assessed in accordance with Section 5 of BS5837:2012.

The land use and user conditions will not be adversely affected by retained trees.

The impacts of this development on retained trees has also been assessed in accordance with Section 5 of BS5837:2012.

There will be construction excavation activity within the root protection area of retained trees.

No pruning is required as part of this project, but minor pruning is recommended.

This project will have no impact on retained trees if proper protections are in place.

6 Issues to be addressed by an arboricultural method statement

The preliminary tree protection plan as attached shows that trees can be adequately protected during development by using standard and commonplace protection measures such as tree protection fencing and/or ground protection.



7 Consultant's qualifications and experience

This report has been undertaken by James Royston who has over twenty years experience in arboriculture, forestry, and urban forestry, of which the last 12 years have been spent as a full-time consultant specialising in trees and development, tree related hazards, and sustainable tree management.

In addition, this experience has included work as a tree officer in local authority planning departments, expert witness work for the courts, subsidence investigation works for loss adjusters and insurance companies, and undertaking the role of president of the Consulting Arborist Society.

Academic qualifications include:

MSc Arboriculture and Urban Forestry,
BSc (Hons) Forestry.

Recent professional development courses have included:

Tree Preservation Order Workshop *by the Consulting Arborist Society*,
Trees and Mortgage/Insurance Reporting *by the Association of Mortgage Users Insurance Group*,
Professional Tree Inspection *by LANTRA Awards*,
BS5837:2012 Workshops *by the Arboricultural Association*,
The Future of Tree Risk Management part I and II *by the Treeworks Environmental Practice*,
Trees and Subsidence *by OCA Ltd*,
CTLA Tree Valuation Seminar *by the Consulting Arborist Society*,
Expert Witness Training *by Bond Solon*
THREATS training *by Julian Forbes-Laird*.
Homebuyers Tree Reports *by the Consulting Arborist Society*

Professional associations have included:

Professional member of the Arboricultural Association and the Consulting Arborist Society.
Chartered Environmentalist.
Trustmark Approved Consultant – Working to Government Approved Standards.



8 Contact Details

I hope this report provides all the required information. However, if further advice is needed then please contact me and I will be happy to help.

James Royston – Independent Arboricultural Consultant

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Appendix 1 Tree works



Tree Number	Common Name	Botanical Name	Pre-development tree works	Reason for works
1	Holly	<i>Ilex aquifolium</i>	None	NA
2	Lawson cypress	<i>Chamaecyparis lawsoniana</i>	None	NA
3	Beech	<i>Fagus sylvatica</i>	Prune to give 2m clearance between tree canopy and extension	Better quality development
4	Beech	<i>Fagus sylvatica</i>	None	NA
5	Beech	<i>Fagus sylvatica</i>	None	NA
6	Mix	<i>Mix</i>	None	NA
7	Mix	<i>Mix</i>	None	NA
8	Pissard plum	<i>Prunus cerasifera 'Pissardii'</i>	None	NA

Appendix 2 Tree protection fencing

The protective fences can be installed after the necessary tree works are completed, but they must be fully installed and completed before any other work commences, this includes; demolition, soil stripping or the bringing onto site of materials, supplies or machinery.



Figure 2 Default specification for protective barrier

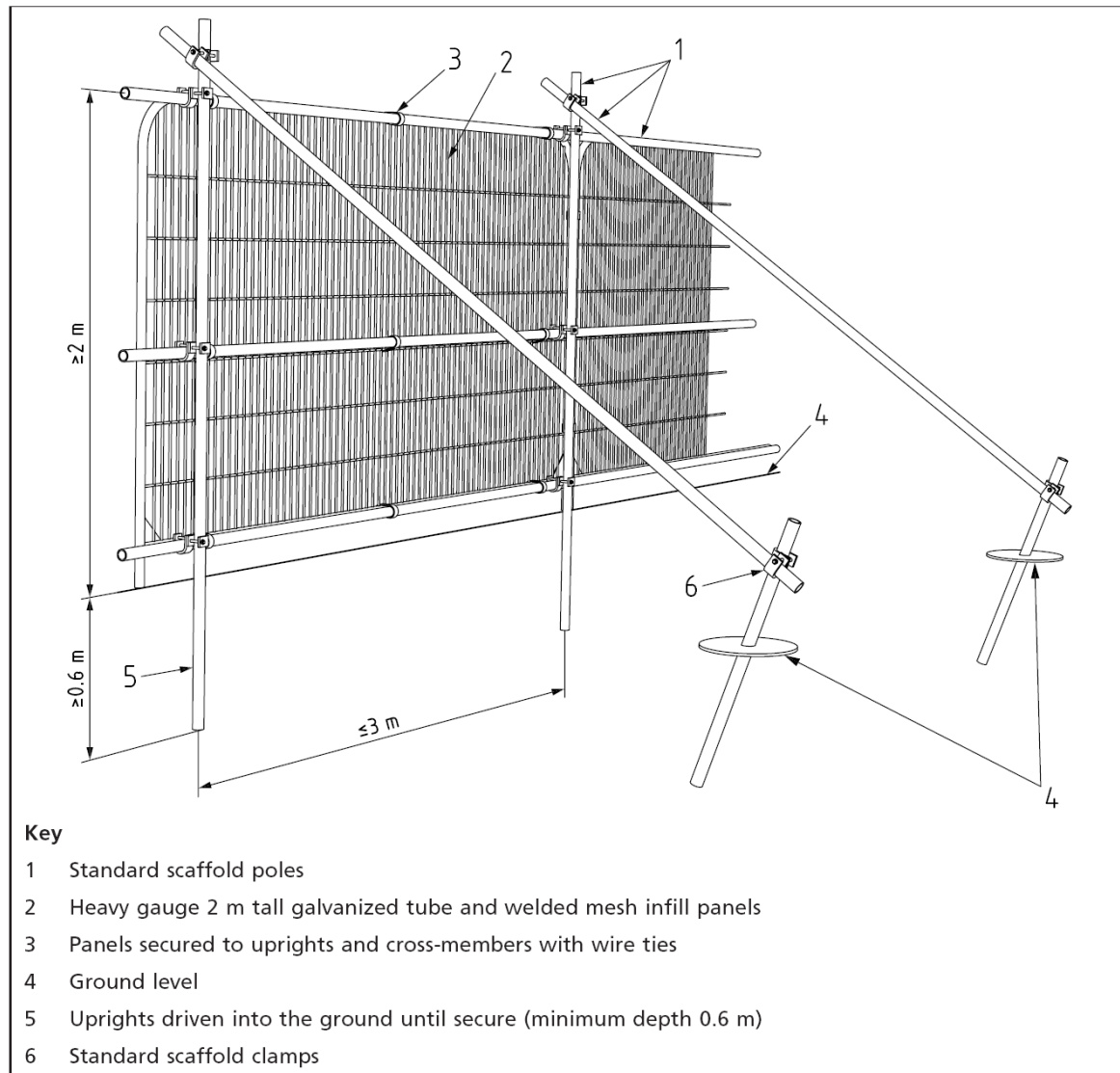
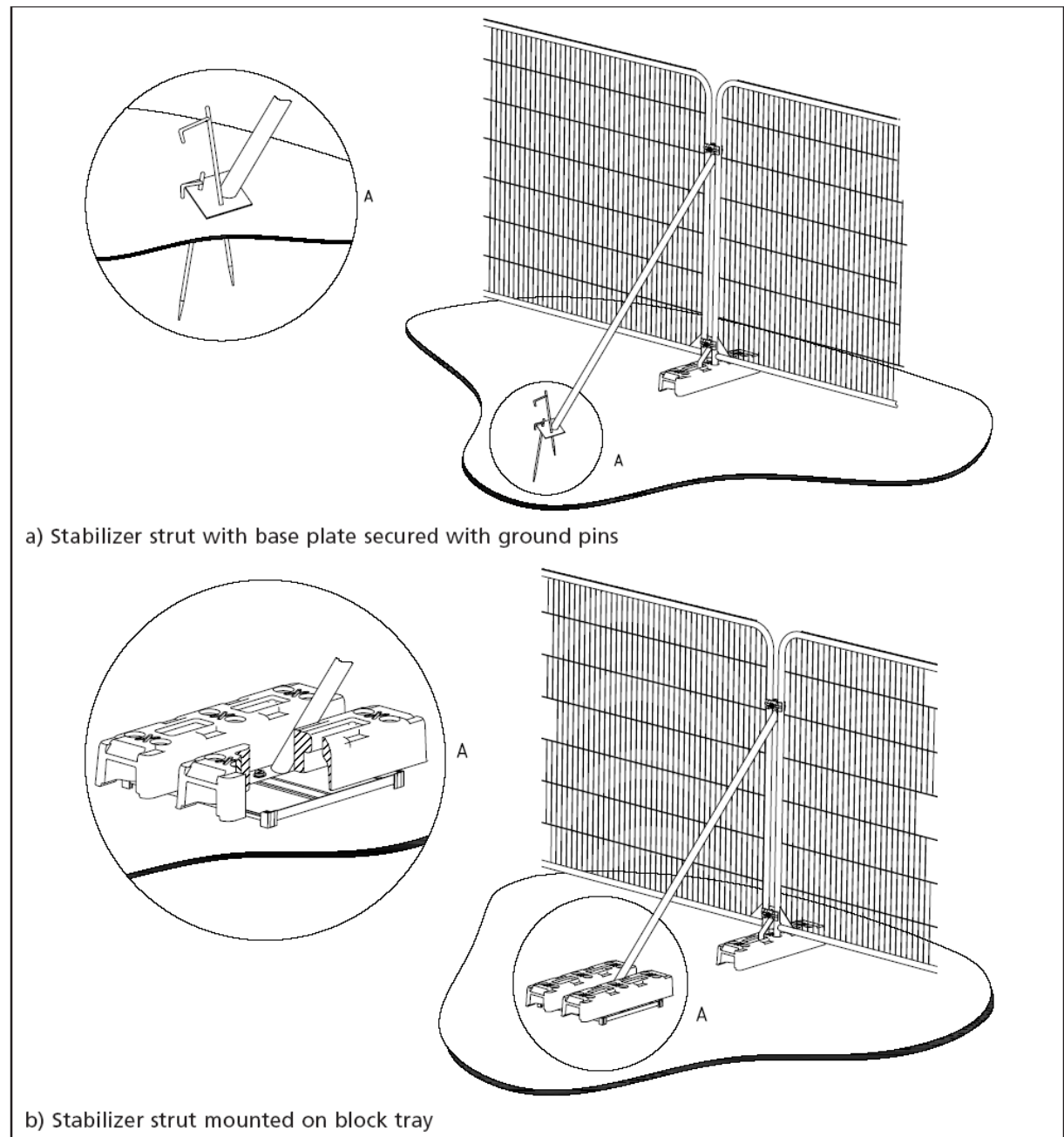


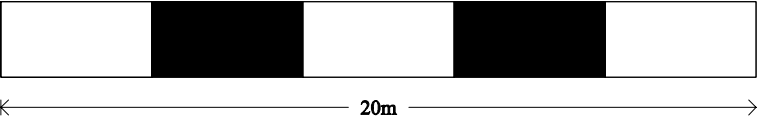
Figure 3 Examples of above-ground stabilizing systems



Appendix 3 Tree Protection Plan



To allow access for construction:
Where possible, tree roots in this green shaded area to be protected by suitable boards over a non compressible layer (such as a 200mm depth of wood-chip).



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Tree Protection Plan to BS5837:2012 at:
Melvinia Crescent, Barnsley

1:200 PAPER SIZE A3

Key	
	Tree to be retained
	Tree to be removed
	Root Protection Area (RPA) shown as a circle as an approximate guide.
	Location of tree protective fencing
	Area of special tree protection measures. See annotations and method statement for further details.

Note: Plans are for guidance only. These drawings should not be used for scaling.