

BS5837:2012 -Trees in relation to design, demolition and construction. AMS & TPP in relation to the installation of a new surface and boundary treatment for the basketball court at Thomas Cowley, Donnington.

Prepared by: East Midlands Tree Surveys Ltd.

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1. Instructions

This report was commissioned by James Caborn of Thomas Cowley SLAT in relation to trees at the basketball court with instruction to provide the following in line with *BS5837:2012 Trees in relation to design, demolition and construction - Recommendations*.

- An Arb Method Statement and Tree Protection details.
- A site plan was provided by the client, see Appendix 1.
- The 3 trees in question along with the basketball court are all under existing tarmac – see photos below.





2. Arb Impact Assessment, Arboricultural Method Statement & Tree Protection detail.

2.1 Arb Impact Assessment

There will be no direct impact on any of the 3 trees due to the distances involved, equally, the new court surface will be over the top of the existing so again, no impact.

The existing fencing will be removed and replaced in the same run/position.

2.2 Sequenced Methods of Demolition, Construction and Tree Protection

With reference to relevant published guidance, the methodology of this statement follows a logical sequence essential to the efficacy of the protection measures. Reference may include: British Standard BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations; British Standard BS3998:2010 Tree Work. It is essential to the successful implementation of the principles set out in this document that effective supervision and enforcement are put in place from the outset.

2. Arb Method Statement/Tree Protection Fencing

The vertical posts holes will be lined with polythene if they are to be set in concrete which is toxic to tree roots.

The Tree Protection Plan can be found at Appendix 1.

Essentially, the fencing will be installed 1m from the trees to prevent impact damage to the 3 trees.

The fencing shall remain in place throughout the construction phase and to be removed on completion.

The specification will be as per figure 3 of BS 5837:2012 - see Appendix 2 in order to minimise the risk of damage to the trunks.

Within the fenced zone, no materials or chemicals should be stored at any time, no fires should be lit, no pedestrian or vehicle traffic, and level changes within these areas should be kept to an absolute minimum. Every effort should be taken to protect a maximum possible area of the root system.

It is not envisaged that the storage of materials during the construction Phase will be an issue due to the size of the site.

Clear notices are to be fixed to the outside of the fencing with words such as

‘TREE PROTECTION AREA – NO ACCESS OR WORKING WITHIN THIS AREA’.

See Appendix 3. These notices shall be A3 in size, laminated and fixed to the fencing using suitable aids such as tie wires.

The site agent, all contractors and other relevant personnel are to be informed of the role of the Tree Protection Fencing and their importance. A copy of the Tree Protection Plan will be displayed on site at all times during construction.

A copy of the Tree protection Plan & Method Statement to be kept on site at all times.

An arboriculturist should be consulted where required during the construction process to address any issues that might arise regarding tree retention, protection, and management. It is the responsibility of the site owner, manager, and main contractor to ensure that any tree protection or other relevant planning conditions, or TPO's are adhered to. A breach of a planning condition or TPO may result in enforcement action by the LA.

It will be necessary to supervise the operation of tall or wide machinery such as booms or jibs during the installation work in proximity to the canopies of retained trees.



It is recommended that a pre-commencement meeting be arranged with the contractors who may be operating the machinery to address/overcome any concerns about close by branches and to organize further mitigating pruning if required.

A handwritten signature in blue ink, appearing to read 'J Wilcockson', with a long horizontal stroke extending to the right.

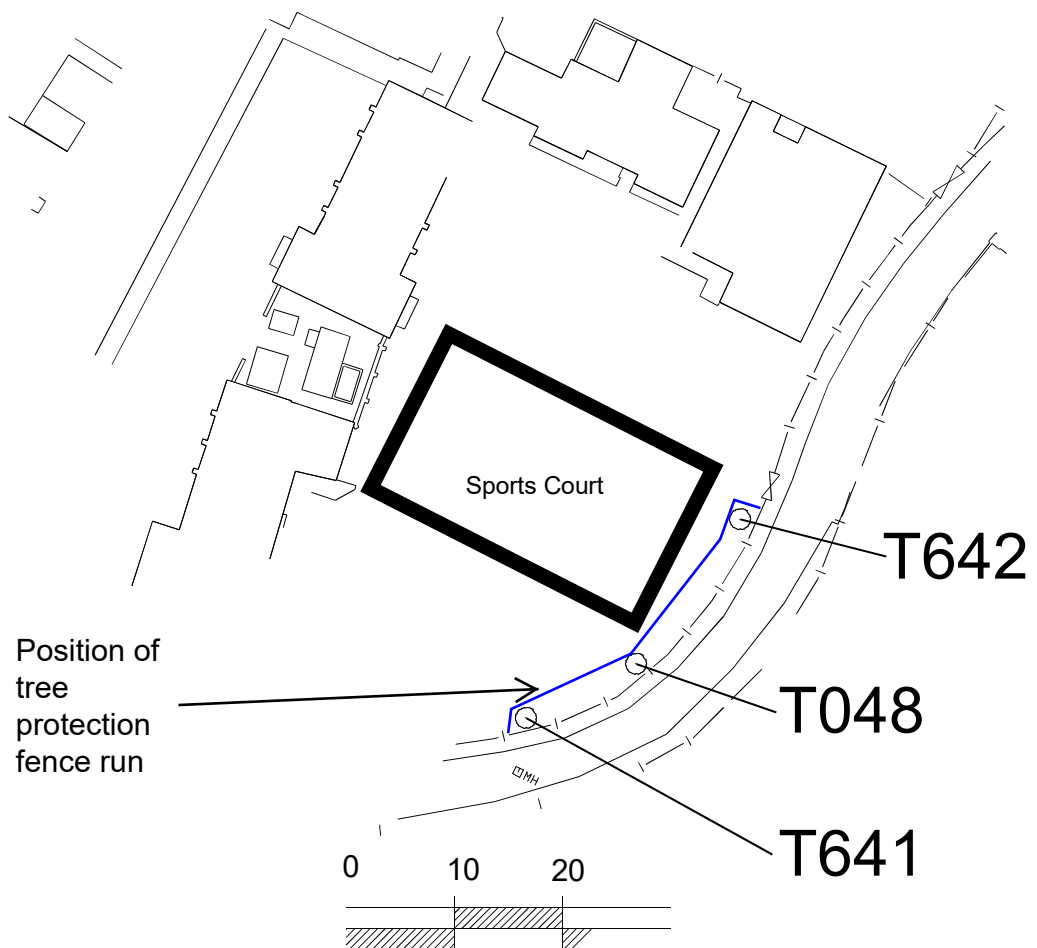
John Wilcockson – Director, East Midlands Tree Surveys LTD.

Tech Cert (Arbor A), NDF For

20/05/24

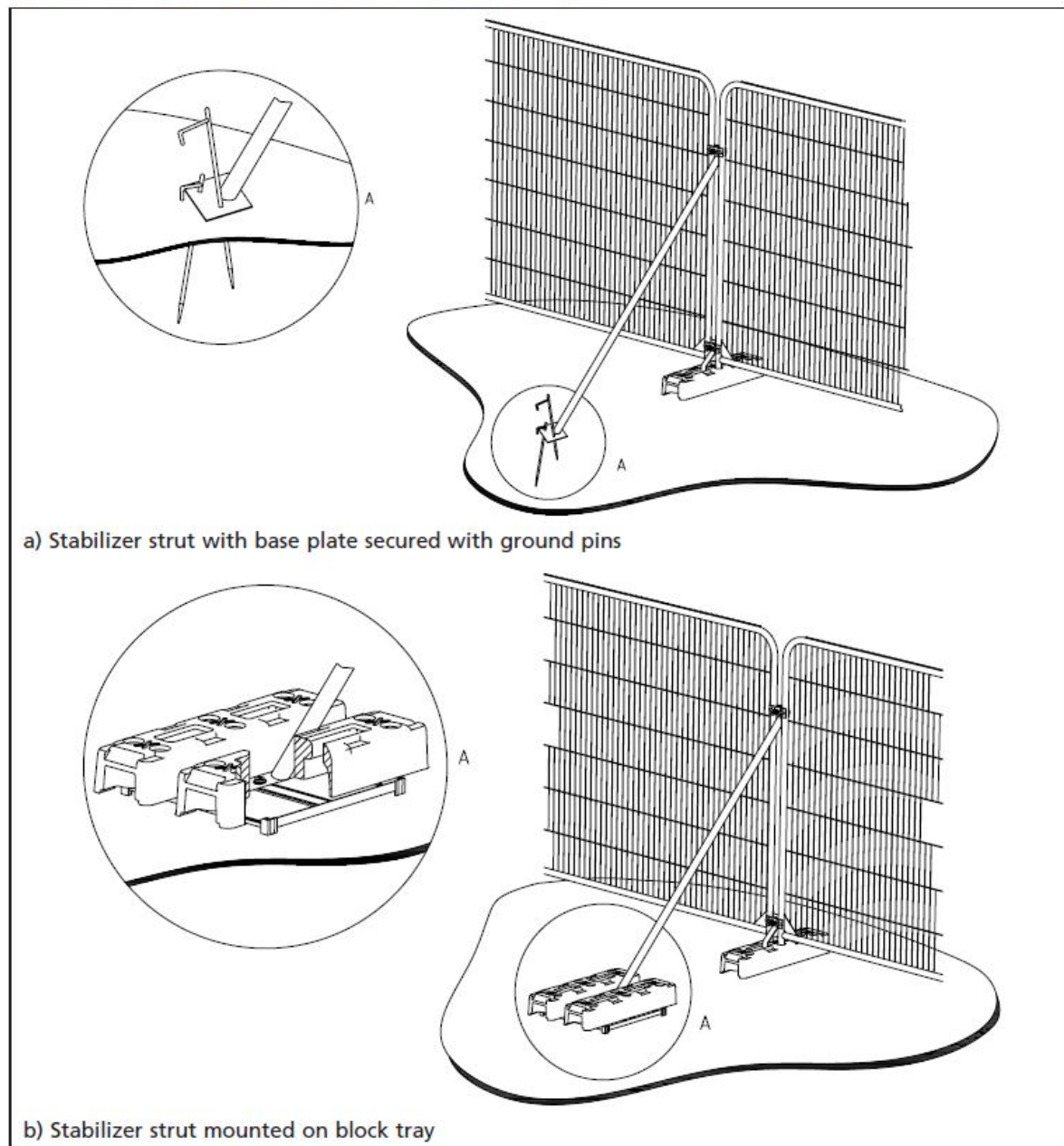


Appendix 1: Site plan/Tree protection



Appendix 2: Fence specification.

Figure 3 Examples of above-ground stabilizing systems



Appendix 3. Signs.

