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12 September 2023

Dear Adam,

**Land south-west of Sutton Lane, Market Bosworth, Leicestershire
Arboricultural Impact Assessment & Method Statement**

I am pleased to submit my observations with respect to your proposed layout and the trees at land to the south-west of Sutton Lane in Market Bosworth.

1. Background

In July 2022, we undertook a tree survey to the guidelines set out in the BS5837 (2012) Trees in Relation to Design, Demolition and Construction-Recommendations. The aim of the survey was to inform the site layout. We have not visited the site since then. The survey was based on current site conditions. A site layout has been developed (ref: S31 22199 D04) including a new house and access way.

2. Impact Assessment

Tree Root Protection Areas: An RPA is an area described on the Tree Survey and Constraints Plan 01 as a yellow circle inside which development may take place only with special measures. It describes the minimum root area around a tree required to maintain its vitality. An RPA is calculated according to the guidelines in the BS5837 and should be capped at 15m radius.

The Proposed Layout & the Trees: The layout facilitates the retention of the trees at the site in that it is outside their RPAs. In that regard, the proposal meets with the guidelines for best practice. A section of the hedgerow H3 will be removed to facilitate the access. The loss of this hedgerow is unlikely to harm the overall appearance of the landscape or its enjoyment by members of the public. New mitigating tree, shrub and hedgerow planting is proposed at the site.

The new house is proposed outside the crown radii of the retained trees.

Conclusion: Based on the above, it is our advice that there is little or no risk to the retained trees from the proposed development. The hedgerow to be removed will be replaced. The retained trees and newly planted ones will help maintain a high degree of visual amenity at the site and screening. On this basis, there does not appear to us to be any reasonable cause in arboricultural terms why this proposal should not go ahead.

Biosecurity: We would recommend that biosecurity measures be put in place when felling or pruning trees and disposing of brash and timber. Contractors can help to restrict the spread diseases like Chalara ash dieback. They can do this by clearing soil, mud, twigs, leaves and other plant debris off their footwear, clothing, tools, and vehicles. They should then wash/disinfect these items before visiting other similar sites. Ideally, work to ash and oak trees should be done outside the summer months as the disease can spread via microscopic fungal spores. Further information is available at www.forestresearch.gov.uk.

Future Appraisals: In addition to the terms and conditions in the original survey, it is recommended that any retained trees are re-assessed immediately post construction prior to occupation. We would suggest that a management plan be established with respect to the small woodland (W12) at the rear of the site.

Generic Tree Protection Method Statement

Installation of Temporary Tree Protection Barriers: Barriers should be placed around the retained trees RPAs for the duration of the site clearance and construction work. The development area is very large. It is not, therefore, feasible to barrier the whole site. It is recommended that only the trees nearest to the development and access works be fenced/barriered off. The barriers should be constructed in the manner described in the default BS5837 specification in the figure 1 below. The position of the protection barriers inside the site in relation to the new structure/s may be shown on a tree protection plan or instructed directly on site.

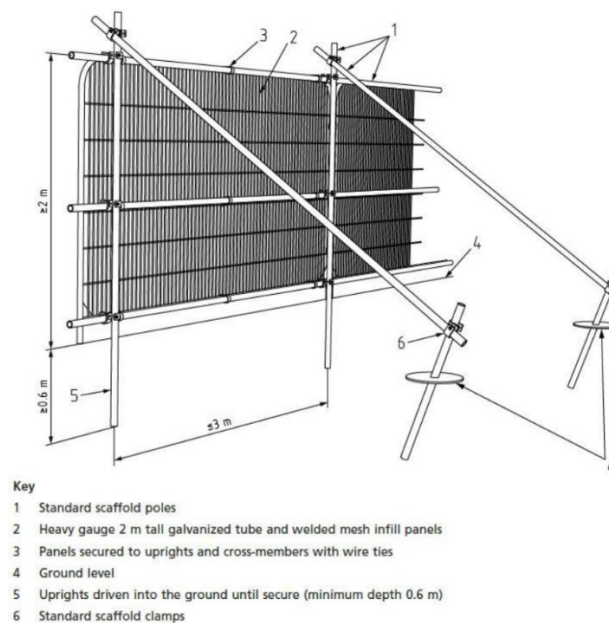


Figure 1
(BS5837 2012 section 6)

The area inside the protection barriers must remain undisturbed during the development process. Its purpose is as a construction exclusion zone (CEZ). No change in levels (up or down), fires, roads, or pathways shall be installed in the CEZ. No storage of materials or use of fuels, chemicals, equipment, digging, or passage vehicles are permitted in the CEZ. Adequate provision for storage, office accommodation, access for construction traffic and parking is available outside the CEZ. The CEZ is shown clearly on the tree protection plan.

The barriers must be in place before building work commences and must always be fit for purpose. It is recommended that an appropriately qualified arboriculturist should approve the fencing and supervise any amendments or repairs. Damaged barriers must be repaired immediately. The barriers should not be removed until work is completed on site.

The position of the barriers may be amended only under the direct supervision of the site manager and/or a retained arboriculturist and/or the local authority.

Contaminating materials such as concrete washings should be disposed of at a minimum of 10m from the retained trees and hedgerows in a position where, if spilt, could not run towards the trees and hedgerows. Notice boards, service/utility cables etc. must not be attached to any part of the protected tree/s or hedgerows. Fires must not be lit where the flames could extend to within 5m of the trees and hedgerows canopy edge.

Robust weatherproof signs like that in figure 1 should be attached to the protective barriers at 4 to 6m spacing's.



Figure 1

Phasing of Work: The work shall be phased as follows:

1. Carry out proposed tree works.
2. Install barriers.
3. Start main site preparation and building work.
4. Remove temporary barriers only on completion of all demolition and building works.

Site Supervision: It will be necessary to supervise the operation of tall or wide machinery such as booms or jibs during the demolition and construction work in proximity to the canopies of retained trees. It is recommended that a pre-commencement meeting be arranged with the contractors who will be working at the site and who may be operating machinery to address/overcome any concerns about access and nearby trees.

Operatives must be kept made aware of the importance of the retained trees and what is expected of them during the development.

I hope that you find this letter helpful. Let me know if you have any questions.

Yours sincerely

R A Jones

Richard Jones MICFor, F Arbor A, CEnv
Director

References:

BS5837 (2012) Trees in Relation to Design, Demolition & Construction-Recommendations

Plans:

Tree Survey and Constraints Plan 01
Layout Plan



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