



**Tim Alden Consultancy Limited
Arboricultural Consultants**

Appendix 3

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Date: 24/6/2023

Client: BTA Partnership

Scope of instruction: To comment on the proposed placement of a tree preservation order (TPO) on the Silver Birch to the rear of 49 Market Street, Ashby De-La-Zouch LE65 1AG

Opinion: The Silver Birch is of sufficient size to be worthy of a TPO if the tree was in a suitable location. The retaining wall is approximately 2.5 metres from the tree

The authoritative reference "Tree Roots and Buildings" 1989 by D F Cutler & IB K Richardson is used extensively. Dr David Cutler (one of the authors of this authoritative reference) who is the head of the Plant Anatomy Section, Jodrell Laboratory, Royal Botanic Gardens, Kew and is one of the leading experts (probably the leading expert) on trees roots, advises that the important figures for deciding whether a particular tree is likely to effect the foundations is not the maximum tree to damage distance recorded, but for many trees, the distance within which 50% of recorded damage cases occurred.

In this authoritative reference in the section on Silver Birch trees it states that 50% of damage cases occurred within 4 metres. As this tree is a lot closer to the retaining wall than this I am of the opinion that damage to the retaining wall is fairly likely. Proper repair of a retaining wall is quite expensive and if the tree issue is not addressed properly damage is likely to reoccur

Summary: I am of the opinion that the tree should be removed or at very least substantially reduced in size. I am of the opinion that the risk of damage to the retaining wall is substantial enough to make this tree unsuitable for a TPO.

Yours sincerely

Tim Alden