

58 North Street, West Butterwick, Pre-development Tree Survey, Arboricultural Method Statement and Tree Protection Plan March 2020

1. Introduction

This is a pre-design tree survey for a large building plot (.25Ha), with trees on and adjacent to the site.

This is an assessment of the trees following British Standard 5837:2012 Trees in relation to design, demolition and construction – Recommendations.

2. Tree Survey

The trees recorded are shown in Plan1.

Two trees were recorded on site, both category B and far from the proposed development, one tree was recorded in the property boundary and one close to the boundary, both category B.

The trees enhance the appearance of the site and are generally worthy of retention and protection.

3. Arboricultural Implications of Proposals

Trees T1, T2 and T3 are well away from the proposed development and access so should not be impacted by the proposals if guidelines are followed.

Tree T4, beech tree in neighbouring property is within the line of existing development and is close to the illustrated house. The rooting area of T4 will need to be considered and avoided by the footprint of the proposed house, this will also prevent conflict with the crown of the tree. If encroachment into the rooting area is not avoidable, the foundation construction should be a minimal-dig method such as pile and beam, this may be compatible with the flood-risk construction of the building.

4. Tree Protection Plan

The Root Protection Area (RPA) of the trees on site are to be protected by tree protection barrier as specified in BS 5837: 2012 and illustrated in Appendix 1. The position of the tree protection barrier is shown in Plan 2. Barrier to be erected before construction begins on site and remain until construction of the buildings are complete. The barrier should be rigid and construction traffic, excavations or storage of materials should not enter the RPA during the construction process. The barrier should be not less than 9.4m from T1m, not less than 6.9m from T2 and not less than 12m from T4.

If excavations for services have to encroach within the RPA they must be dug by hand retaining undamaged any roots thicker than 25mm, thinner roots to be cut using a sharp implement. Exposed roots to be wrapped in hessian while exposed. No roots thicker than 25mm should be cut without consultation of the arboricultural consultant. Once services or ducting are installed, trenches to be filled using only the excavated material as soon as possible.

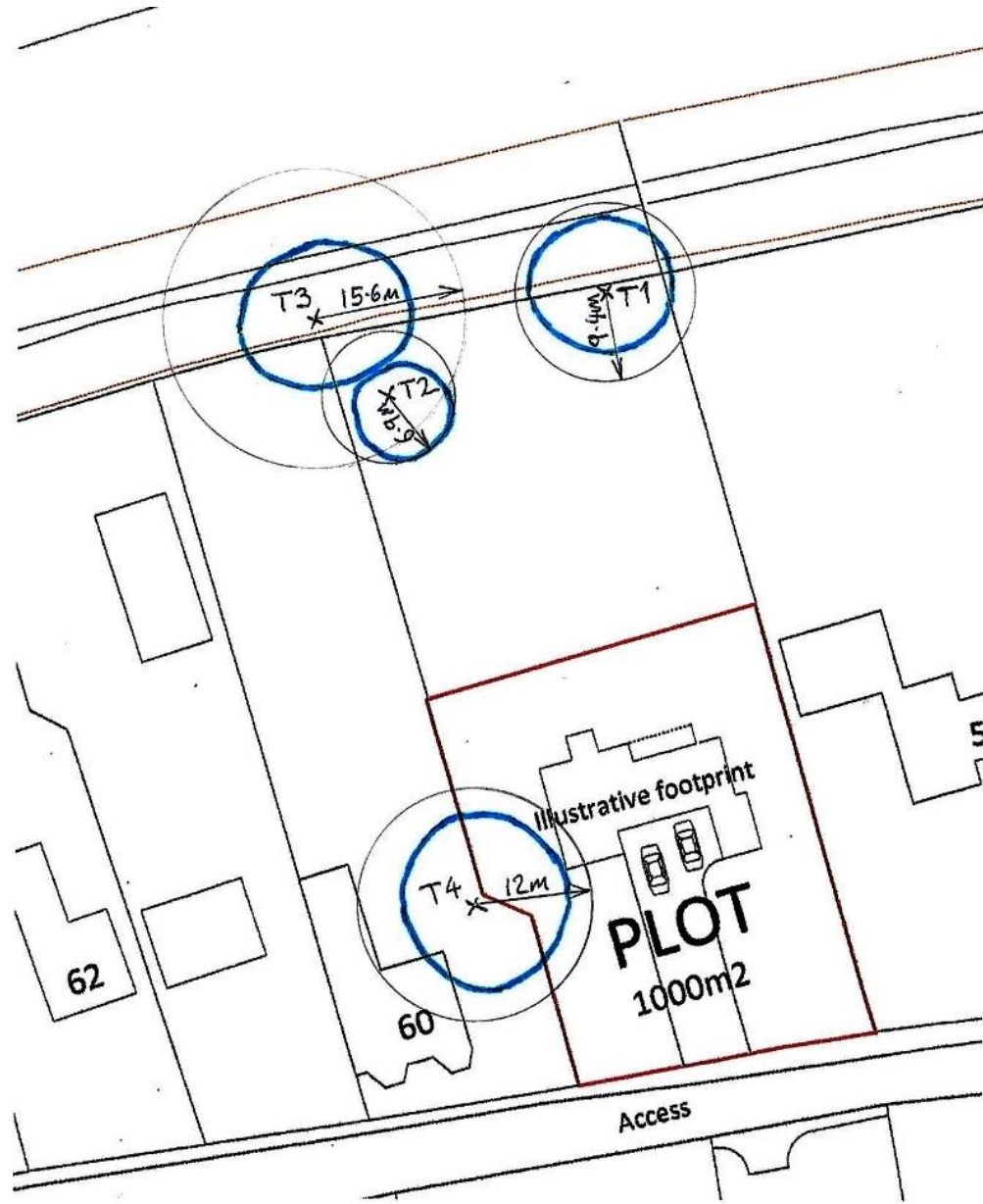
If access is required within the RPA of tree T4 to allow construction space, the rooting area to be protected using ground protection mats of a sufficient rating to support the weight of traffic.

Table 1. 58 North Street, West Butterwick

Tree or group number	Species	Height (m)	Stem dia' (cm)	Crown spread (m)				Comments	5837 Category	RPA radius (m)
				N	E	S	W			
T1	Silver birch	12	60+50	8	8	6	6	Large low branch	B	9.4
T2	Apple	9	45	4	3	6	7	2x large, low branches	B	6.9
T3	Horse chestnut	17	130	8	8	10	7	Good condition, in property boundary	B	15.6
T4	Beech	13	100	7	10	10	9	In neighbouring garden	B	12

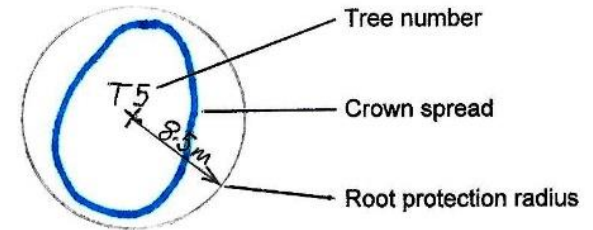
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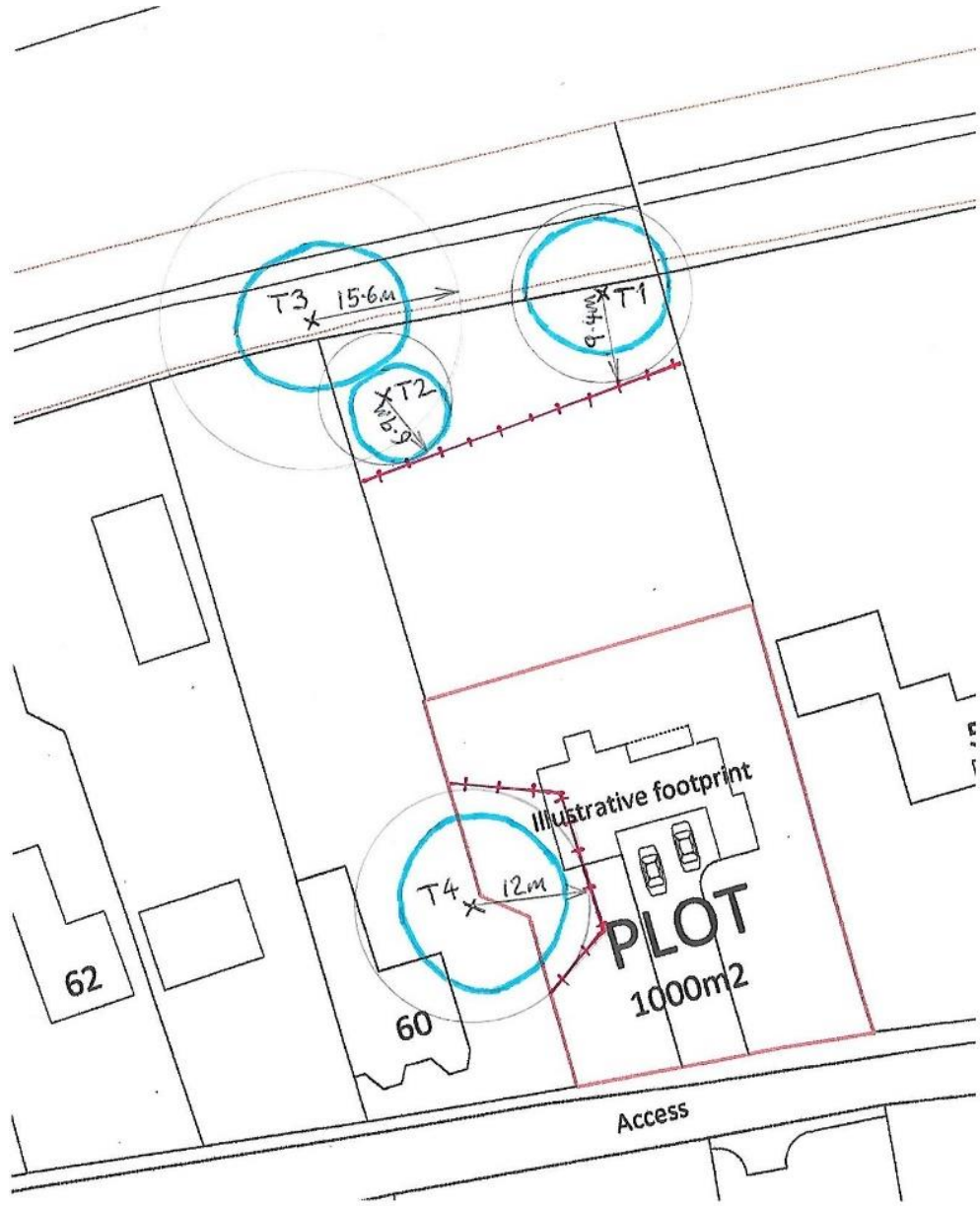
20 March 2020



Plan 1. Tree Survey,
58 North Street, West Butterwick
March 2020
Scale 1:600 at A4

Key



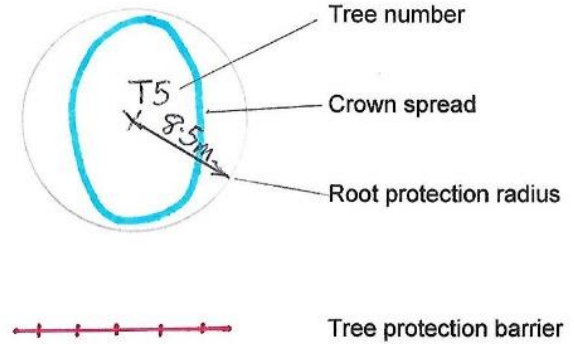


**Plan 2. Tree Protection Plan,
58 North Street, West Butterwick**

March 2020

Scale 1:600 at A4

Key





T1 from west 1

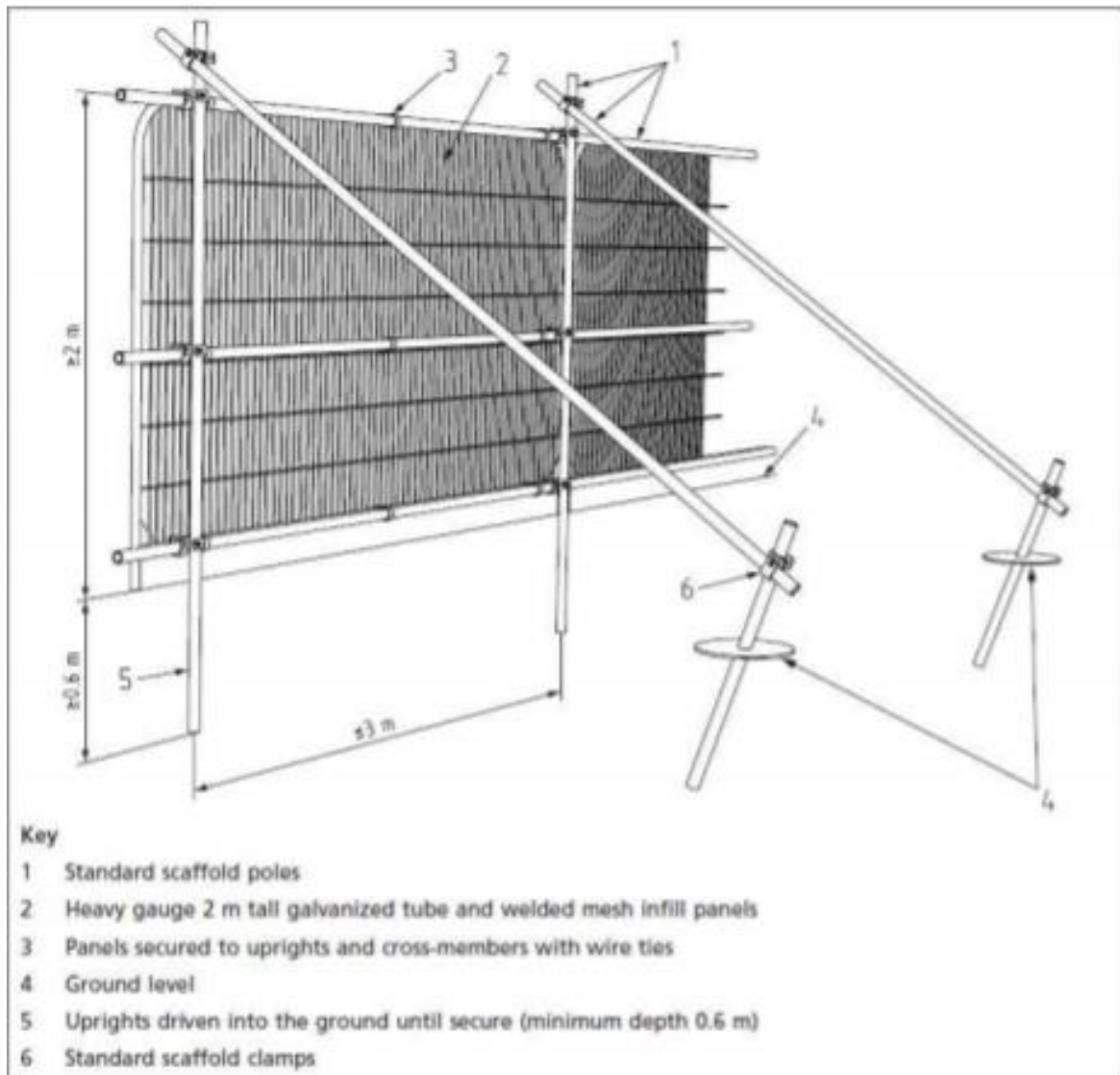


T2 and T3 from south



T4 from west

Appendix A. Tree protection barrier from BS 5837:2012 Trees in relation to design, demolition and construction - Recommendations



1T2 and T3 from south