

Arboricultural Method Statement

Fieldways, The Park, Great Barton

November 2023

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1. INTRODUCTION

Background: LSDP were appointed to prepare an Arboricultural Method Statement (AMS) and tree protection details, to satisfy local authority requirements, relating to the proposed erection of a cart lodge at Fieldways. This document should be read in conjunction with the accompanying Tree Protection Plan and must be available for all relevant site personnel, to ensure that existing trees are adequately protected during the construction process.

The Site: The cart lodge will be located in the north-eastern corner of the property curtilage and will form a canopy over part of the existing drive / turning area.

2. TREE SURVEY

Generally: The trees were appraised in accordance with BS5837:2012 and survey details of four trees were recorded:

- T3 is a mature oak located on the opposite side of the road to the site. It contributes to the wooded character of the area and is recorded as 'B2' category (moderate landscape value).
- T1 Elm and T2 Ash are suppressed trees growing adjacent to T3; they are recorded as 'C2' category (low landscape value).
- T4 Tulip tree located on the edge of the neighbouring garden to the east has a raised / reduced canopy and is also recorded as 'C2' category)

3. ARBORICULTURAL IMPLICATIONS & IMPACT ASSESSMENT

Encroachment into Root Protection Areas (RPAs): The proposed cart lodge encroaches into the RPAs of T3 Oak and T4 Tulip tree. The cart lodge has been designed to minimise impact and will require only seven small, localised excavations to accommodate support posts. The existing drive surface will be retained beneath the cart lodge.

4. ARBORICULTURAL METHOD STATEMENT

Generally: The arboricultural method statement provides the means by which areas of construction activity, or working space requirements can be managed whilst minimising the impact of that activity on retained trees.

The following working methodologies are set out in likely chronological order.

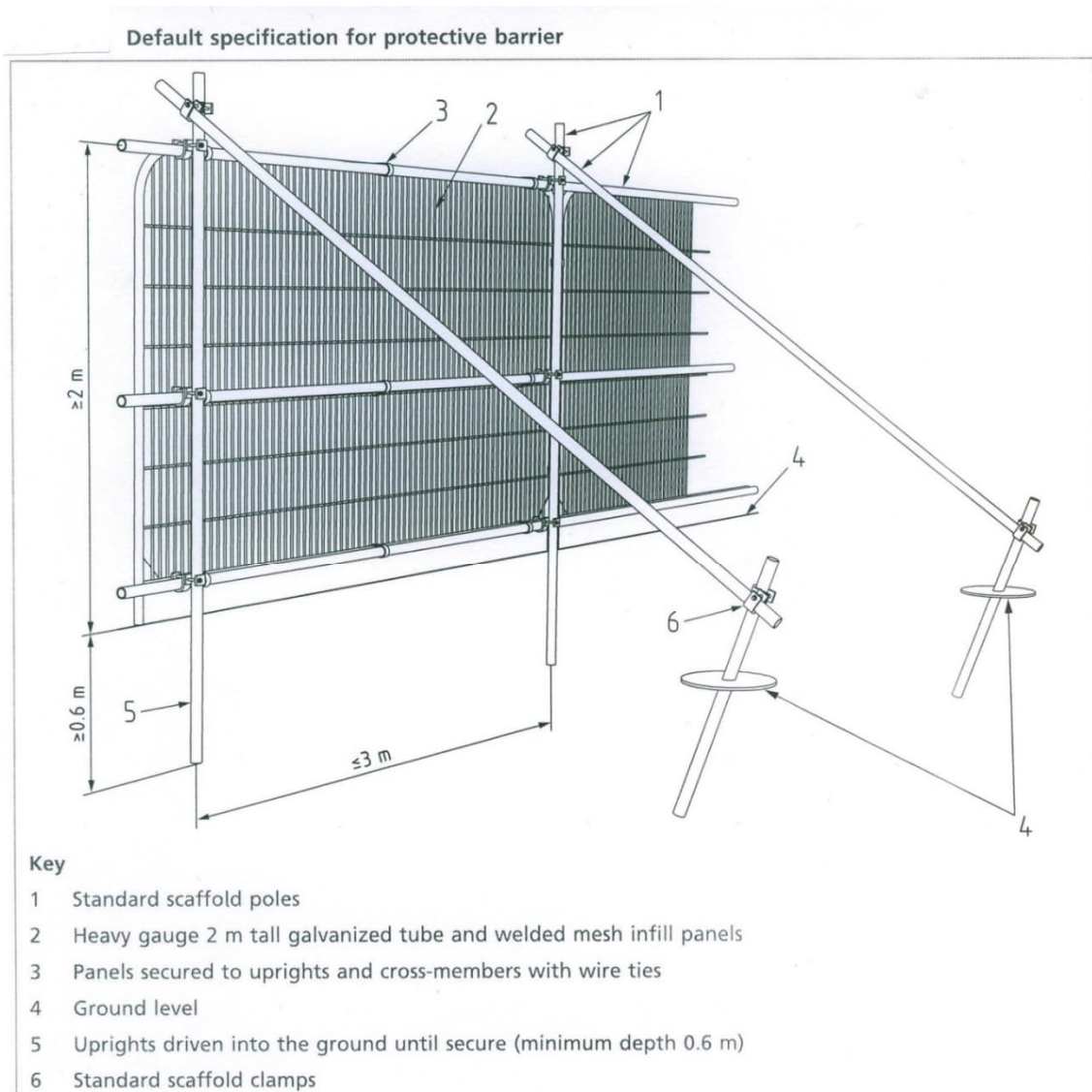
4.1 Tree Protection: Before any machinery or materials are brought onto site and before any demolition, development or stripping of soil commences, The Root Protection Area (RPA) indicated on the Tree Protection Plan shall be set out and the Protective Barriers installed where shown on the drawing.

The Protective Barriers shall not be removed or altered without prior recommendation by an arboriculturist and approval of the local planning authority. Once installed, all weather notices shall be attached to each barrier with words such as: "Construction Exclusion Zone – No Access". Protective Barriers shall be erected in accordance with BS5837: 2012 Fig 2 - See diagram oveleaf.

The areas protected by ground protection shall be subject to the following restrictions:

- I. Existing soil levels within the protected areas shall not be altered
- II. No excavation of any kind shall take place within the protected areas.
- III. The protected areas shall not be used for storage of any kind
- IV. No vehicles or machinery shall be allowed into the areas protected by barriers
- V. No dumping of waste liquids or other materials

Should the developer require the above restrictions to be breached for unforeseen reasons, an appropriate method of works must be agreed with the Local Authority prior to any works taking place within the protected areas.



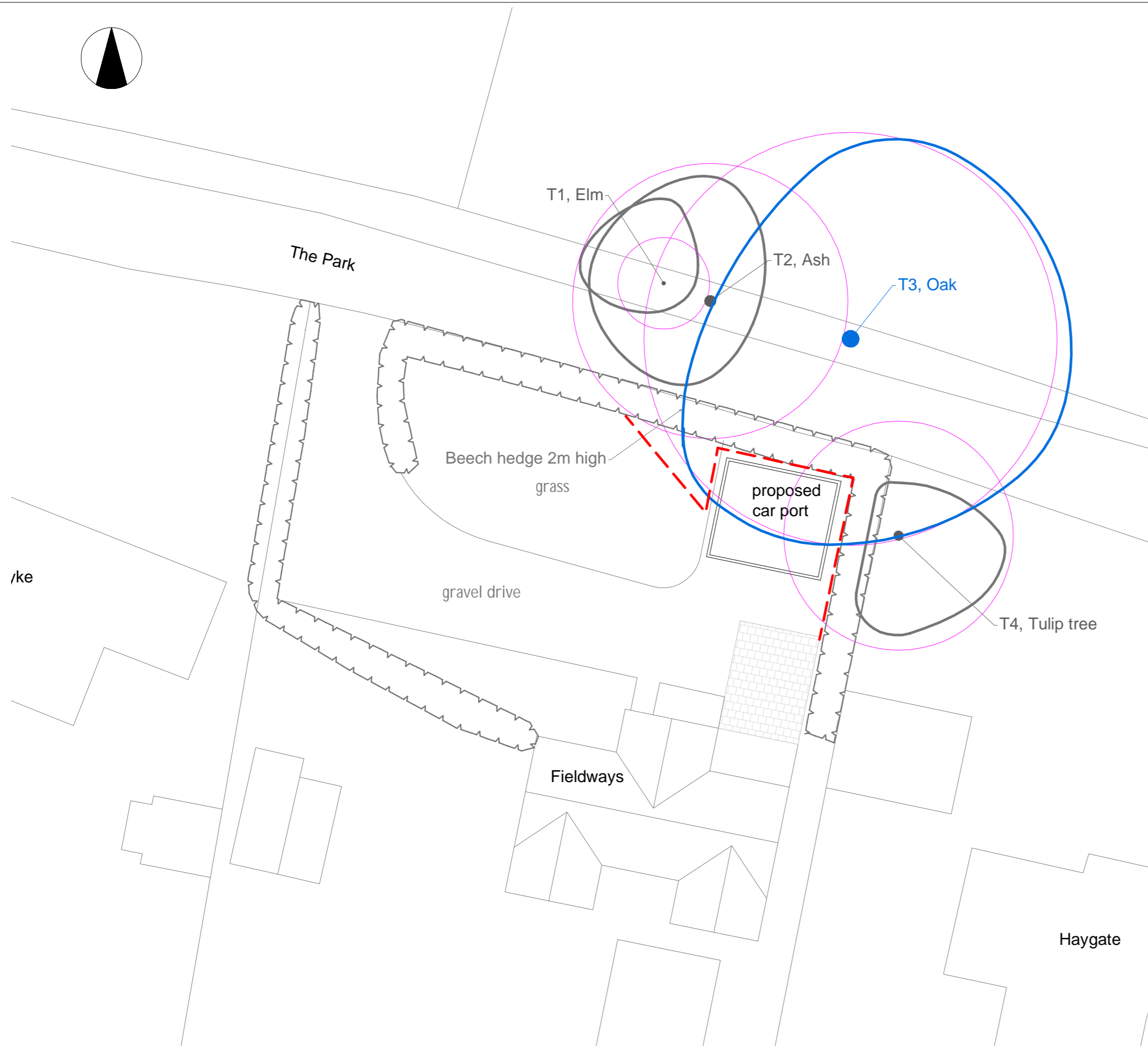
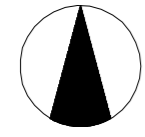
4.2 Cart Lodge Construction: The Existing drive surface will be retained and will provide ground protection within the working areas.

The post holes shall be carefully excavated by hand and limited to the minimum size required. The post holes shall be lined with an impermeable membrane such as HDPE material to prevent leaching of concrete materials into the RPA.


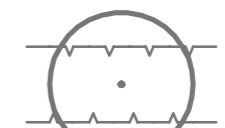


4.3 Installation of Underground Services: Underground services should avoid RPA's wherever possible. If excavations to accommodate services within RPA have become necessary, advice must be obtained from the Project Arborist in order to agree measures to minimise root disturbance, such as use of air-spade to remove soil, or trenchless technology.

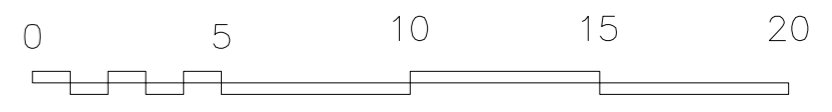
Refer also to National Joint Utilities Group NJUG Volume 4 2007 'Guidelines for the planning and installation and maintenance of utility apparatus in proximity to trees' (NJUG - <http://www.njug.org.uk>).

No excavation to accommodate services within RPAs will be allowed without the prior approval of the Local Authority.



KEY

-  'B' Category Tree / Hedge
-  'C' Category Tree / Hedge
-  Root Protection Area (RPA)
-  Tree Protection Barrier: To be weldmesh pan in accordance with BS 5837: 2012 Fig 2



The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

Revisions :

TREE SURVEY SCHEDULE

Ref	Species	Stem Dia (mm)	Stems	Height (m)	Can. clear (m)	Br. clear (m)	Age Class	Physiology	Structural Condition	Arboricultural Value	Landscape Value	Cult / Con Value	General observations	Useful Life	Grade
T1	Elm	200	1	10	1	N.A	Y	G	G	L	L	L	Suppressed	20+	C2
T2	Ash	600	1	17	1	N.A	M	G	G	L	M	L	Recently severed ivy on stem	20+	C2
T3	Oak	900	1	20	1	N.A	M	G	G	L	M	L	Multiple leaders above 5m	40+	B2
T4	Tulip tree	500	1	18	5	N.A	M	G	G	L	M	L	Tree with raised crown	40+	C2

NOTES & ABBREVIATIONS:

Age Class: Y (Young) –Y (Young) Less than 1/3 of anticipated mature size. EM (Early mature) Between 1/3 and 2/3 of anticipated mature size. M (Mature) Between 2/3 & maximum anticipated size. LM (Late mature) Maximum anticipated size stable condition, but no significant extension growth. OM (Over mature) Crown mass decreasing due to age. V (Veteran) – A tree that may not be exceptionally old, but has features of special biodiversity, cultural, or heritage value. A (Ancient) – A tree of great age, typically with features of remarkable size and veteran characteristics of exceptional value

Physiology: G - Good, F - Fair, P - Poor, D - Dying / Dead. Given relative to species, age and location.

Structural Condition: G (Good) – No significant defects. F (Fair) - Remediable defects, given light surgery. P (Poor) – Irremediable defects or defects remediable only with severe surgery

Arboricultural / Landscape / Cult(ural) / Con(servation) Value: L - Low, M - Moderate - H - High: Gradings used to determine quality grading as per BS5837: 2012



SITE : Fieldways, Gt Barton
 DRG : Tree Survey & Protection Plan
 DRN BY : GH
 SCALE : 1:200 @ A2
 DATE : November 2023
 No : LSDP 2171.01