

ARBORICULTURAL REPORT

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1. INTRODUCTION

Background: LSDP were appointed to prepare an Arboricultural Survey & Report to satisfy Local Authority requirements in respect to the proposed extension of The Gate House, School Road, Risby. The report is based on survey information collected in September 2023.

The Site: The site comprises the property curtilage and is bordered to the north and east by neighbouring domestic curtilage, to the south by School Road and to the west by the grounds of St Giles Church.

2. TREE SURVEY

Generally: The trees were appraised in accordance with BS5837:2012 and survey details of three individual trees and one group were recorded:

- T1 Robinia and T2 Sycamore are mature trees that contribute to the surroundings; they are recorded as 'B3' (moderate landscape value). Notwithstanding this, T2 sycamore has a cavity at 5m height in the main stem, with associated fruit bodies of Dryads Saddle. This fungus causes selective delignification and can eventually result in structural failure. It is recommended that the extent of decay is determined via climbing inspection.
- T3 and G1 lime are small trees located on the southern edges of the site, they are of limited merit and recorded as 'C2' category (low landscape value).

Please see schedule and drawing opposite for other survey information.

3. ARBORICULTURAL IMPLICATIONS & IMPACT ASSESSMENT

Generally: No trees are proposed for removal and the development allows space for 'default' protection measures to be provided in accordance with BS5837:2012 accepting a small encroachment into the RPA of T2, to accommodate the footing for a garden wall. Given the location and small extent of the encroachment, it is considered that the works will have no significant impact.

Proximity of Dwelling to Tree canopies: The proposed layout allows adequate space around trees indicated for retention, to accommodate future growth and minimise potential issues with shading / perception of hazard.

4. TREE PROTECTION

Generally

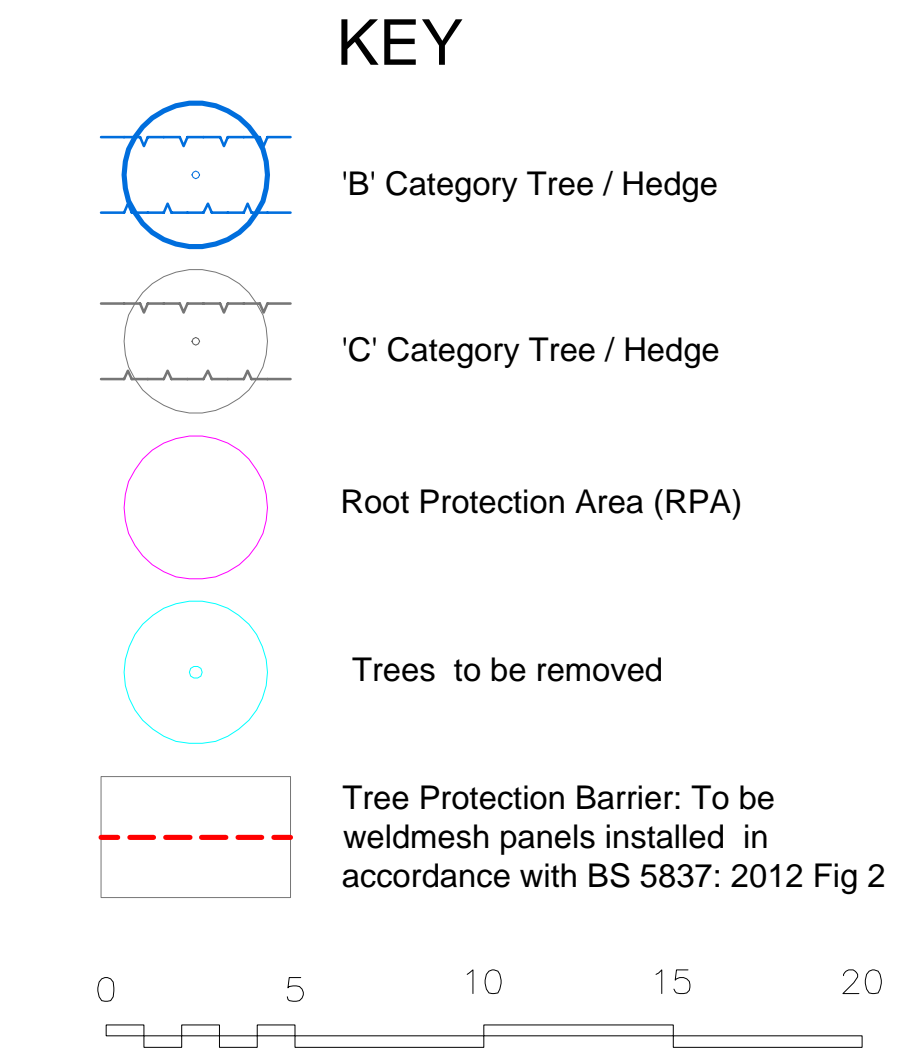
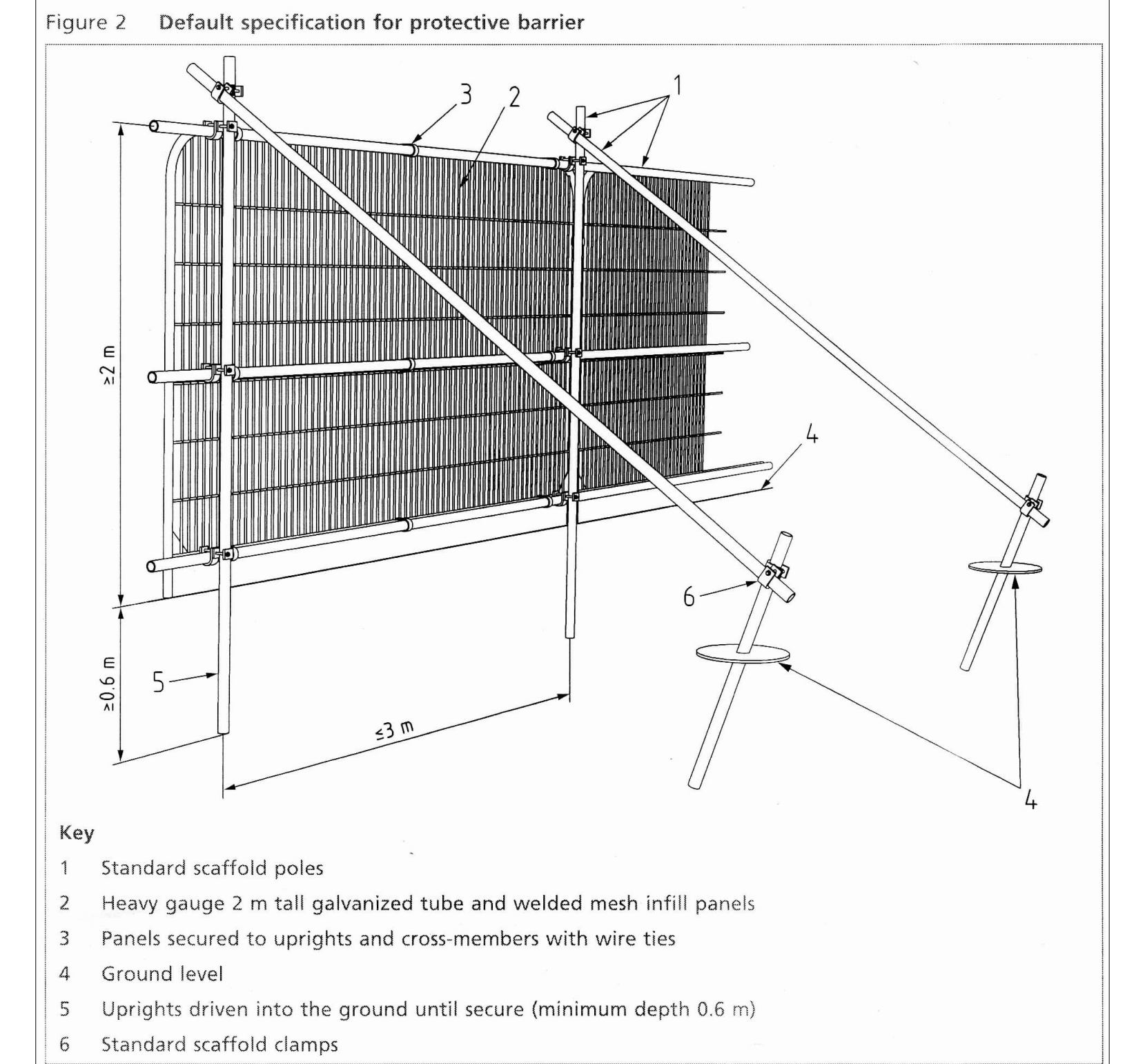
Before any machinery or materials are brought onto site and before any demolition, development or stripping of soil commences, The Root Protection Area (RPA) indicated on the drawing shall be set out and Protective Barriers installed as shown on the drawing. The Protective Barriers shall not be removed or altered without prior recommendation by an arboriculturist and approval of the local planning authority.

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

- Existing soil levels within the protected areas shall not be altered
- No excavation of any kind shall take place within the protected areas.
- The protected areas shall not be used for storage of any kind
- No vehicles or machinery shall be allowed into the areas protected by barriers
- 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.

Protective Barriers

Protective Barriers shall be erected to prevent access into designated areas around retained trees. 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.



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

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	Robinia	700	1	16	2	N.A	M	N	F	L	M	M	Tree on edge of neighbouring churchyard	40+	B2
T2	Sycamore	600	1	16	2	N.A	M	N	F	L	M	L	Canopy recently raised. Dryads saddle fungal fruiting body at 5m on east side of stem in cavity relating to large branch failure	40+	B2
T3	Lime	250	1	10	1	N.A	EM	G	F	L	L	L	Suppressed tree on edge of church yard	40+	C2
G1	Lime	250	1	4	2	N.A	EM	N	F	L	L	L	Formerly shaped trees on frontage, recently pollarded at 4m	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

Revisions :
 A - 25.11.22 Work spec corrected
 B - 07.11.23 Survey updated, AIA added

Land & Sculpture Design Partnership
 LANDSCAPE ARCHITECTURE · SCULPTURE · ARBORICULTURE

SITE : Gate House Cottage, School Road, Risby
 DRG : Tree survey, AIA & Protection Plan
 DRN BY : GH
 SCALE : 1:200 @ A2
 DATE : October 2023
 No : LSDP 1909.02 Rev B

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