

**ARBORICULTURAL REPORT**

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**1. INTRODUCTION**

**Background:** LSPP were appointed to prepare an Arboricultural Survey & Report to satisfy Local Authority requirements in respect to the proposed extension and conversion of an existing Barn at 15 The Green, Barrow. The report is based on survey information collected in November 2022

**The Site:** The site comprises an existing barn and adjacent garden areas on the southern edge of the existing property curtilage and is bordered to the west and south by neighbouring domestic curtilage and to the east by Barrow Hill.

**2. TREE SURVEY**

**Generally:** The trees were appraised in accordance with BS5837:2012 and survey details of six individual trees and 11 groups were recorded, the trees are a mixture of piecemeal domestic plantings and naturally generated ash, none are of any special arboricultural, landscape, or cultural value and they are therefore all recorded as 'C2' category (low landscape value).

**3. ARBORICULTURAL IMPLICATIONS & IMPACT ASSESSMENT**

**Removal of Trees:** It is proposed to remove the T1 Plum, due to its close proximity to an existing outbuilding and the T4 goat willow to allow light to the existing pond. It is also understood that the T5 Leyland cypress and T6 ash located on the edge of the neighbouring property may be removed in consultation with neighbour, however these are indicated as being retained at this stage, since they are located outside of the land controlled by the applicant. It is proposed to erect a close boarded fence on the southern edge of the site, and this will require the removal of the existing ivy smothered scrubby elder bushes in this area.

**Encroachment into Root Protection Areas (RPAs):** The proposal encroaches into the RPA of the T3 Leyland cypress and may result in some root damage, however it is considered this will not have a significant impact on the tree's physiology and given its lack of merit it is considered that the encroachment is acceptable.

**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 and Ground Protection installed as shown on the drawing. The Protective Barriers and Ground Protection shall not be removed or altered without prior recommendation by an arboriculturist and approval of the local planning authority.

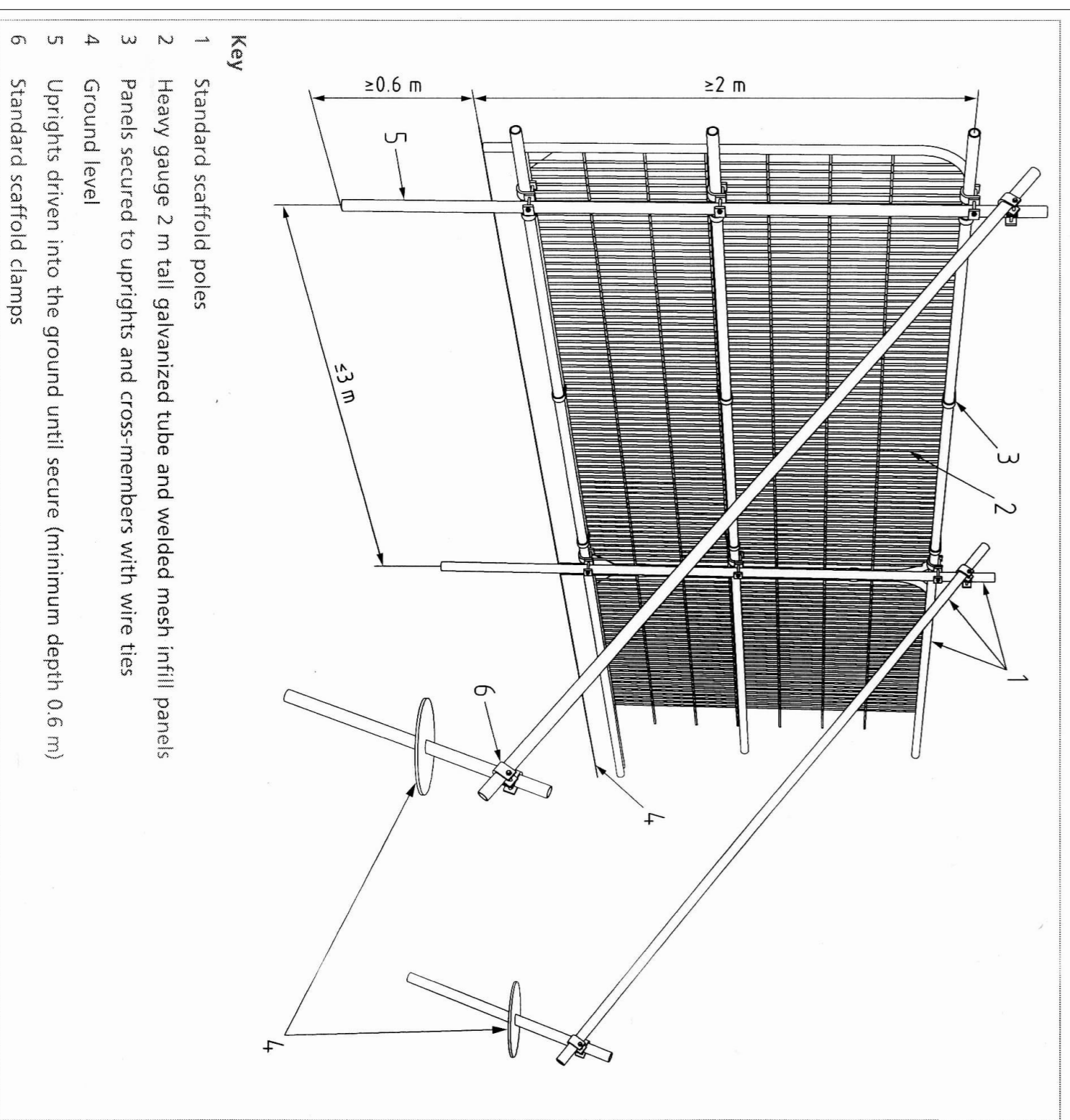
The areas protected by barriers shall be subject to the following restrictions:

- 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. No heavy machinery shall be allowed onto the areas protected by barriers.
- IV. The protected areas shall not be used for storage of any kind.
- V. Should the above restrictions 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

Figure 2 Default specification for protective barrier



**TREE SURVEY SCHEDULE**

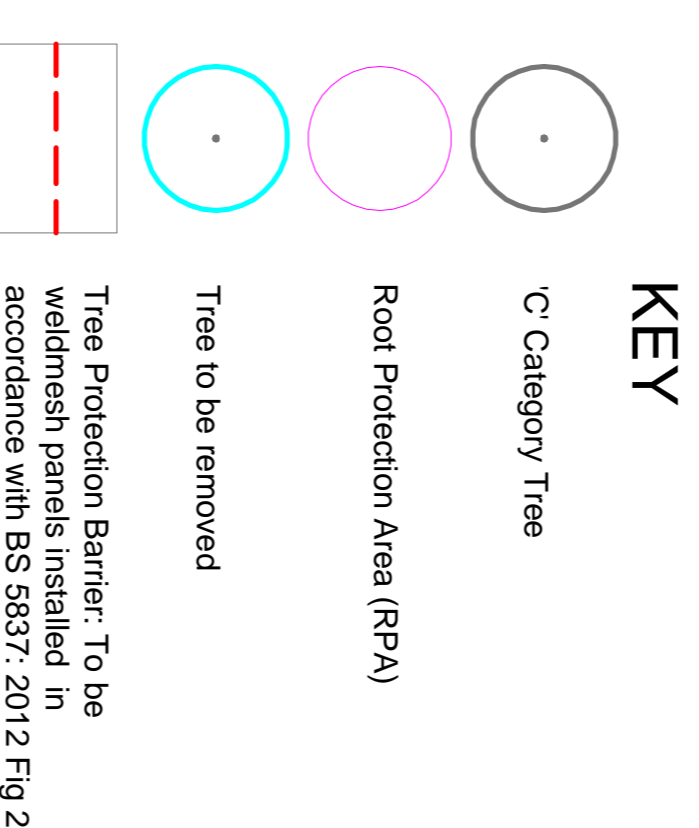
Ref	Species	Stem Dia (mm)	Stems	Height (m)	Can. clear (m)	Br. clear (m)	Age Class	Physiology	Structural Condition	Arboricultural Value	Landscape Value	Cultural / Conservation Value	General observations	Useful Life	Grade
T1	Plum	300	1	7	2	N/A	M	N	F	L	L	L	Stem base touches wall of building	40+	C2
T2	Apple	350	1	6	1.5	N/A	M	N	F	L	L	L	Tree on edge of lawn area	20+	C2
T3	Cherry	300	1	12	3	N/A	MA	N	F	L	L	L	Tree on edge of neighbouring garden. Ivy clad	40+	C2
T4	Goat willow	500	1	14	2	N/A	M	N	F	L	L	L	Tree adjacent to small pond. Leaning with one-sided canopy	40+	C2
T5	Leyland cypress	600	1	16	5	N/A	M	N	F	L	L	L	Tree on edge of neighbouring garden	40+	C2
T6	Ash	270	2	14	2	N/A	Y	N	F	L	L	L	Double-stemmed tree. Suppressed crown, Chalara ash die-back.	20+	C2
GI	Ash, cherry plum & birch	150	1	6-10	2	N/A	Y	N	F	L	L	L	Immature trees on site periphery	20+	C2

**NOTES & ABBREVIATIONS:**

**Age class:** Y (Young) – Less than 1/3 of life completed, M (Middle Aged) 1/3 - 2/3 of life completed, MA (Over Mature) - more than 2/3 of life completed and declining, V (Veteran) – Veteran trees have no precise definition but are trees considered to be of biological aesthetic or cultural value because of their age.

**Physiology:** N - Normal, P - Poor, D - Dying, Given relative to species, age and location.

**Structural Condition:** G (Good) – No, or remediable physical defects or decay, F (Fair) - Physical defects or decay present, risk of failure of stem or large limbs within twelve months considered to be low, P (Poor) - Physical defects or decay present, risk of failure of stem or large limbs within twelve months considered to be high.



Tree Protection Barrier: To be widemesh panels installed in accordance with BS 5837: 2012 Fig 2

**Abbreviations:**  
 As - Ash (*Fraxinus excelsior*)  
 CP - Cherry plum (*Prunus cerasifera*)  
 HB - Himalayan birch (*Betula utilis*)

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

Revisions:



SITE : 15 The Green, Barrow  
 DRG - Tree Survey, ADA & Protection Plan  
 DRN BY : GH  
 SCALE : 1:200 @ A1  
 DATE : December 2022  
 No : LSPP 1977/01