

**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 erection of a detached studio / workshop building at Cages Farm, Tuffields Road, Whepstead. The report is based on survey information collected in May 2021.

**The Site:** The site comprises an overgrown, partially cleared area with remains of old building footings, located adjacent to Tuffields Road. The site is bordered to the north by an area of native thicket, to the east by a lawn and gardens, to the south by the drive serving the existing house and to the west by Tuffields Road.

**2. TREE SURVEY**

**Generally:** The trees were appraised in accordance with BS5837:2012 and survey details of eight individual trees and one group were recorded; the rationale for categorisation is outlined below, please see schedule and drawing opposite for other survey information.

- **'B' Category Trees (Trees of moderate quality)** with an estimated remaining life expectancy of at least 20 years: The mature trees recorded in the survey contribute to the rural character of the surroundings and are recorded as 'B2' category (moderate landscape value). The G1 hedge is bolted and fragmented and it is proposed to coppice most of it and clear the bramble scrub and plant up gaps with new hedge plants – see section 3.
- **'C' Category Trees (Trees of low quality)** with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm: The site also includes plum and Lawson cypress garden area. These were considered of no particular arboricultural, landscape or cultural value and recorded as C2 category (low landscape value).

**3. RECOMMENDED TREE WORK**

**G1 Hedge:** It is proposed this hedge is coppiced at 0.3m height on the eastern side of the ditch, with adjacent scrub cleared. The existing suppressed oak indicated on the drawing can be retained and at approx 3m height and existing hawthorn retained as hedgerow standard. Gaps in the hedge to be replanted with mixture of hawthorn, hazel and field maple.

**4. ARBORICULTURAL IMPLICATIONS & IMPACT ASSESSMENT**

**Encroachment into Root Protection Areas (RPAs):** The proposal does not encroach into any RPA and allows space for 'default' protection measures to be installed in accordance with BS5837: 2012.

**Proximity of New Buildings to Tree canopies:** The proposed layout allows adequate space around trees, to accommodate future growth and minimise potential issues with shading / perception of hazard in relation to the proposed building and the domestic space around it.

**5. 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. 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. 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

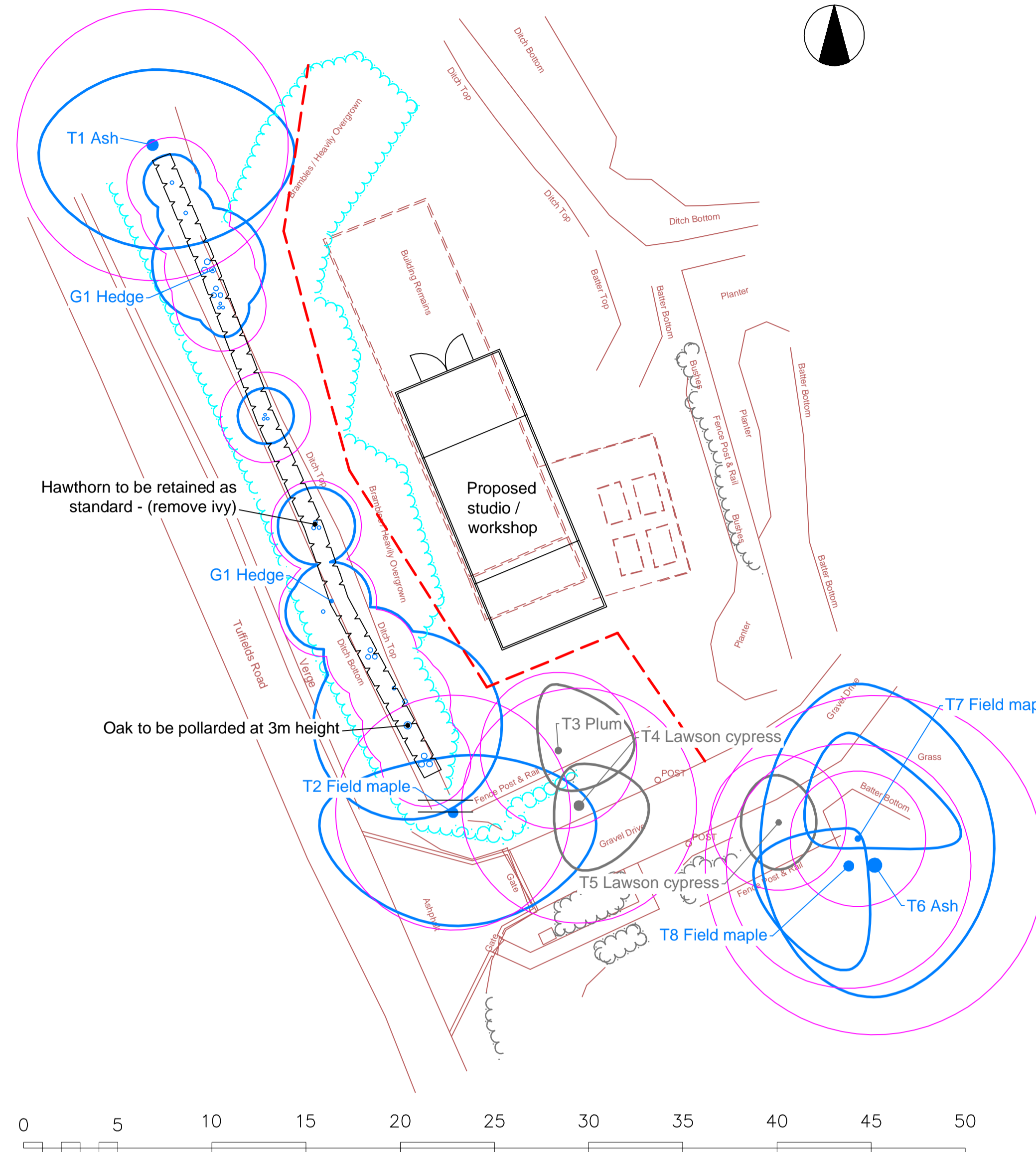
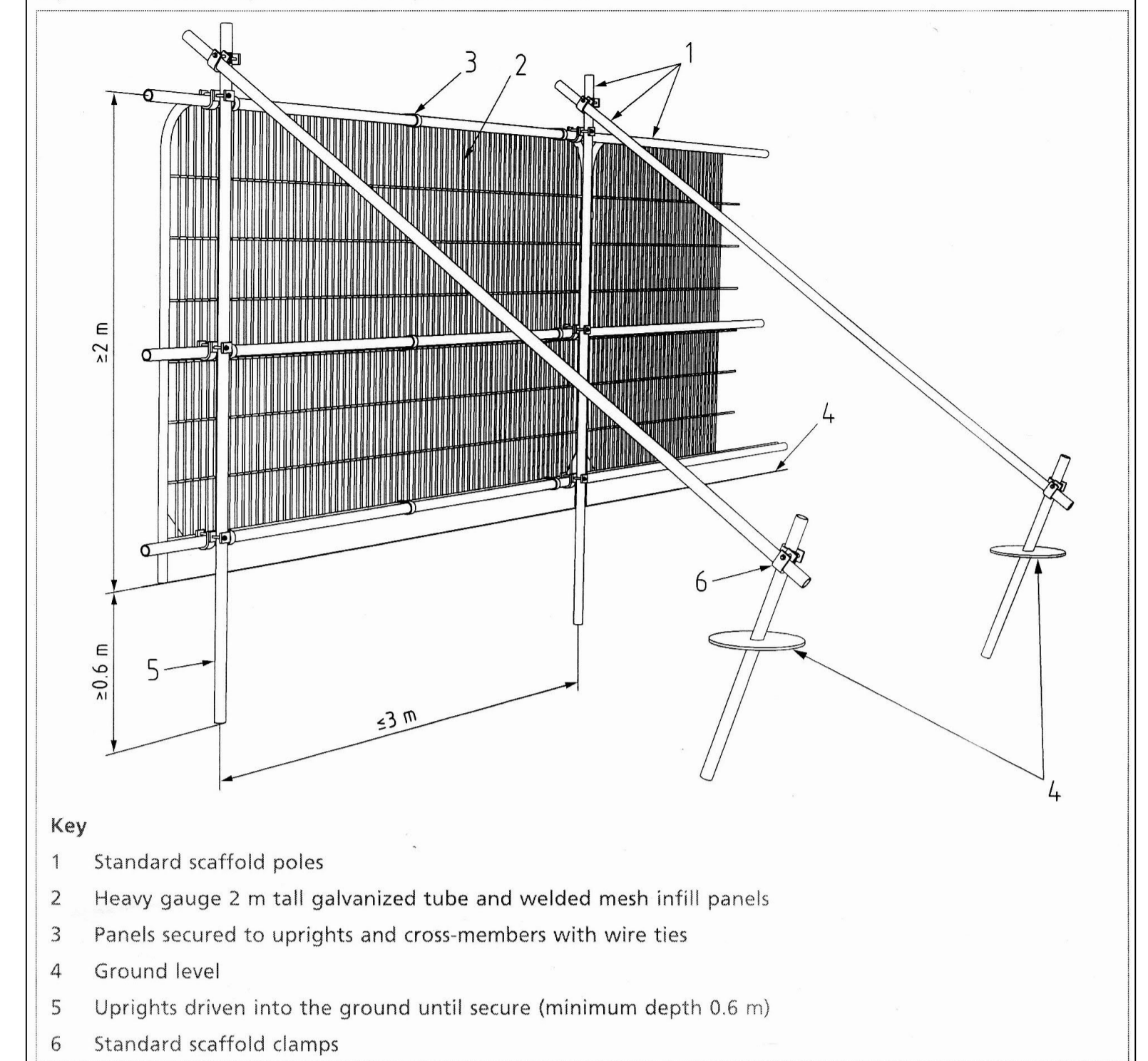


Figure 2 Default specification for protective barrier



**KEY**

- 'B' Category Tree / Hedge
- 'C' Category Tree / Hedge
- Root Protection Area (RPA)
- Scrub, shrubs & bushes
- Scrub to be cleared
- Existing fragmented hedge to be coppiced and augmented with new planting
- Tree Protection Barrier: To be weldmesh panels installed 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	Cultural / Conservation Value	General observations	Useful Life	Grade
T1	Ash	300	4	15	6	N.A	M	N	F	L	M	M	Lapsed coppice hedgerow tree	20+	B2
T2	Field maple	300	3	12	5	N.A	M	N	F	L	M	M	Lapsed coppice hedgerow tree	40+	B2
T3	Plum	200	3	9	3	N.A	M	N	F	L	L	L	Multi-stemmed tree on edge of garden area	40+	C2
T4	Lawson cypress	300	3	12	2.5	N.A	M	N	F	L	L	L	Multi-stemmed tree adjacent to drive	40+	C2
T5	Lawson cypress	300	1	10	2	N.A	M	N	F	L	L	L	Multi-stemmed tree adjacent to drive	40+	C2
T6	Ash	750	1	14	5	N.A	M	N	F	L	M	M	Old tree located on mound. Cavities in branch cuts with Shaggy Bracket fruiting bodies evident.	20+	B2
T7	Field maple	300	1	12	3	N.A	M	N	F	L	M	M	Multi-stemmed suppressed tree on mound adjacent to Ash	40+	B2
T8	Field maple	300 450	2	9	2	2W	M	N	F	L	M	M	Multi-stemmed suppressed tree on mound adjacent to Ash	40+	B2
G1	Hedge	200	MS	6 11	0	N.A	M	N	F	L	M	M	Bolted hedge with main growth east side of ditch and sucker growth west of ditch. Includes elm, hawthorn & field maple	40+	B2

**NOTES & ABBREVIATIONS:**

**Age Class:** Y (Young) – Less than 1/3 of life completed, M (Middle Aged) 1/3 - 2/3 of life completed, M (Mature) – more than 2/3 of life completed, OM (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.