



**Tree Survey**

**At**

**Magnet Site,  
East Tyndall Street,  
Cardiff**

*Inspected by:-  
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## **Brief**

I have been instructed by Mr. Ian Garland of Yourspace Projects to carry out a survey on trees at Magnet Site, East Tyndall Street, Cardiff.

## **Scope of Report**

This Tree Survey has been undertaken within the recommendations of British Standards 5837:2012 and current good arboricultural practice.

The survey entailed a visual inspection from ground level of all trees.

Each tree has been numbered and, where instructed, have been tagged using small durable metal or plastic tags.

Due to variations of existing ground levels through the site, height dimensions are estimated and are given in metres.

Trunk/stem diameters are measured at 1.5 metres above ground level, or immediately above the root flare for multi-stemmed trees.

Estimated branch spread is taken in metres from the centre of the trunk, at the four cardinal points of a compass, to achieve an accurate representation of crown shape.

An assessment of a tree's age classification is made in terms of its maturity within the site's landscape.

An assessment of a tree's physiological condition is made as good, fair, poor, dead.

Data on the structural condition of the tree has been entered, e.g., collapsing, leaning and the presence of any decay or physical defect has been noted.

Preliminary management recommendations include further investigation of suspected defects that require more detailed assessment or potential for wildlife habitat.

An assessment of a tree's future life expectancy is made as <10, 10-20, 20-40 or >40 etc.

Table 1 – Cascade chart for tree quality assessment

Category and definition	Criteria (including subcategories where appropriate)		
<u>Category U</u> Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years	<ul style="list-style-type: none"> <li>Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other U category trees (i.e. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning)</li> <li>Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline</li> <li>Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality</li> </ul> NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7		
	1 Mainly Arboricultural values	2 Mainly landscape values	3 Mainly cultural values, including conservation
<u>Category A</u> Those of high quality with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as Arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation; historical, commemorative or other value (e.g. veteran trees or wood-pasture)
<u>Category B</u> Those of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	Trees with material conservation or other cultural benefits
<u>Category C</u> Those of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value, and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value

BRITISH STANDARD BS 5837:2012

Tree No.	Species	Height(m)	Single/Multi Stemmed	Stem Diameter(m)	Branch Spread(m)				Height of Crown(m)	Age	Physiological Condition	Structural Condition	Prel. Man. Recommendations	Est. Remaining Contribution	Category
					N	E	S	W							
T1	Field Maple ( <i>Acer campestre</i> )	9	Multi	0.3	4	4	4	4	1	Middle aged	Good	Offsite tree of reasonable form and good vigour. Main stem and mid crown colonised by ivy thus preventing full inspection.	No action required at this time.	>40	B
G2	Group of: Pyracantha ( <i>Pyracantha</i> spp.) Elaeagnus ( <i>Elaeagnus</i> spp.)	3	Multi	0.1	1	2	1	1	0	Middle aged	Fair to poor	Scrubby hedgerow formed by ornamental shrubs. Some stems are partially collapsed.	Prune back lateral branches to boundary line.	10-20	C
T3	Whitebeam ( <i>Sorbus aria</i> )	9	Single	0.3	2	2	2	2	3	Middle aged	Fair to poor	Tree of variable form that has been heavily lopped at 3m in the past leading to development of multi-stemmed regrowths which are weakly joined to the old wood.	Monitor for safety.	10-20	C
T4	Elder ( <i>Sambucus nigra</i> )	6	Multi	0.25	3	1	1	1	0	Middle aged	Fair to poor	Heavily suppressed scrubby specimen of variable form.	Monitor for stability.	10-20	C
T5	Hazel ( <i>Corylus avellana</i> )	11	Multi	0.6	5	5	5	5	0	Mature	Good	Offsite multi-stemmed specimen of reasonable form and vigour that overhangs the existing structure within the site.	No action required at this time.	20-40	B
T6	Ash ( <i>Fraxinus excelsior</i> )	12 (est.)	Single	0.3 (est.)	3	2	3	2	2 (est.)	Middle aged	Poor	Offsite tree located within inaccessible residential garden thus preventing full inspection and accurate measurement. This specimen exhibits symptoms of Ash Dieback Disease.	Remove.	<10	U