



## **Tree Survey**

**At**

**Tir Onnen,  
Five Roads,  
Llanelli**

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## **Brief**

I have been instructed by Mr. Ian Jenkins of Piloti Architecture to carry out a survey on trees at Tir Onnen, Five Roads, Llanelli.

## **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)		
<p><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</p>	<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> <p>NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7</p>		
	1 Mainly Arboricultural values	2 Mainly landscape values	3 Mainly cultural values, including conservation
<p><u>Category A</u> Those of high quality with an estimated remaining life expectancy of at least 40 years</p>	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)
<p><u>Category B</u> Those of moderate quality with an estimated remaining life expectancy of at least 20 years</p>	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
<p><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</p>	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							
G1	Group of: Plum ( <i>Prunus</i> spp.)	3	Single	0.1	1	1	1	1	1	Young	Fair	Fruit trees of variable form and vigour.	No action required at this time.	10-20	C
T2	Ash ( <i>Fraxinus excelsior</i> )	18	Single	0.6	10	11	10	6	4	Mature	Poor	Prominent specimen severely infected with Ash Dieback Disease.	Remove.	<10	U
T3	Plum ( <i>Prunus</i> spp.)	3	Multi	0.1	1	1	1	1	0	Young	Fair	Scrubby fruit tree of variable form.	No action required at this time.	10-20	C
T4	Ash ( <i>Fraxinus excelsior</i> )	19	Single	0.53	8	4	4	8	4	Mature	Poor	Prominent roadside tree severely infected with Ash Dieback Disease. This specimen represents a hazard in relation to the adjacent highway.	Remove.	<10	U
T5	Holly ( <i>Ilex aquifolium</i> )	8	Multi	0.3	3	2	3	2	1	Middle aged	Poor	Scrubby specimen exhibiting severe dieback throughout crown. This specimen is in a moribund condition.	Remove.	<10	U
T6	Ash ( <i>Fraxinus excelsior</i> )	18	Single	0.38	6	6	2	7	5	Mature	Poor	Prominent roadside tree severely infected with Ash Dieback Disease. This specimen represents a hazard in relation to the adjacent highway.	Remove.	<10	U
T7	Ash ( <i>Fraxinus excelsior</i> )	17	Single	0.42	9	2	1	6	3	Mature	Poor	Prominent roadside tree with crown more heavily developed on western side. This specimen is severely infected with Ash Dieback Disease and represents an immediate hazard in relation to the adjacent highway.	Remove.	<10	U

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					N	E	S	W							
T8	Ash ( <i>Fraxinus excelsior</i> )	19	Single	0.43	5	7	4	5	5	Mature	Poor	Prominent roadside tree severely infected with Ash Dieback Disease. This specimen represents a hazard in relation to the adjacent public highway.	Remove.	<10	U
T9	Ash ( <i>Fraxinus excelsior</i> )	19	Single	0.41	2	8	8	7	8	Mature	Poor	Prominent roadside tree severely infected with Ash Dieback Disease. This specimen represents a hazard in relation to the adjacent public highway.	Remove.	<10	U
T10	Ash ( <i>Fraxinus excelsior</i> )	17	Single	0.48	3	8	8	7	5	Mature	Poor	Prominent roadside tree severely infected with Ash Dieback Disease. This specimen represents an immediate hazard in relation to the adjacent public highway.	Remove.	<10	U
T11	Sycamore ( <i>Acer pseudoplatanus</i> )	9	Multi	0.3	1	3	2	3	2	Middle aged	Fair	Scrubby hedgerow tree of variable form and vigour that has received historical pruning in relation to adjacent overhead cables. This specimen will require ongoing crown reduction in relation to overhead cables.	Monitor development of crown in relation to cables.	10-20	C
T12	Sycamore ( <i>Acer pseudoplatanus</i> )	7	Single	0.31	0	1	4	1	3	Middle aged	Poor	Hedgerow tree that has been severely topped at 3m in relation to adjacent overhead cables. This specimen is unsuitable for retention in this location.	Remove.	<10	U



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					N	E	S	W							
G20	Group of: Sycamore ( <i>Acer pseudoplatanus</i> ), Holly ( <i>Ilex aquifolium</i> ), Hawthorn ( <i>Crataegus monogyna</i> ), Privet ( <i>Ligustrum</i> spp.), Leyland Cypress ( <i>Cupressocyparis leylandii</i> ), Cherry Laurel ( <i>Prunus laurocerasus</i> )	7	Single and Multi	0.15 (avg.)	1	1	1	1	0	Middle aged	Fair	Scrubby specimens forming gappy roadside hedgerow.	No action required at this time.	20-40	C
G21	Group of 2: Ash ( <i>Fraxinus excelsior</i> )	10	Single and Multi	0.2	1	1	1	3	3	Middle aged	Poor	Hedgerow tree severely infected with Ash Dieback Disease. These specimens represent an immediate hazard in relation to the adjacent highway.	Remove.	<10	U
T22	Ash ( <i>Fraxinus excelsior</i> )	12	Multi	0.3	1	2	8	3	2	Middle aged	Poor	Hedgerow tree severely infected with Ash Dieback Disease.	Remove.	<10	U
T23	Ash ( <i>Fraxinus excelsior</i> )	11	Single	0.32	2	1	3	3	4	Middle aged	Poor	Prominent hedgerow tree severely infected with Ash Dieback Disease. This specimen is in a moribund condition and represents an immediate hazard in relation to the adjacent public highway.	Remove.	<10	U
T24	Ash ( <i>Fraxinus excelsior</i> )	14	Multi	0.55	2	7	7	4	3	Mature	Poor	Prominent hedgerow tree severely infected with Ash Dieback Disease.	Remove.	<10	U

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					N	E	S	W							
T25	Ash ( <i>Fraxinus excelsior</i> )	11	Single	0.34	1	5	3	1	3	Middle aged	Poor	Hedgerow tree severely infected with Ash Dieback Disease. This specimen is in a moribund condition and at immediate risk of failure.	Remove.	<10	U
T26	Ash ( <i>Fraxinus excelsior</i> )	12	Single	0.31	3	3	1	2	3	Middle aged	Poor	Hedgerow tree severely infected with Ash Dieback Disease. This specimen is in a moribund condition and at immediate risk of failure.	Remove.	<10	U
T27	Ash ( <i>Fraxinus excelsior</i> )	11	Single	0.23	1	5	1	1	4	Middle aged	Poor	Hedgerow tree in a moribund condition as a result of severe Ash Dieback Disease infection.	Remove.	<10	U
T28	Sweet Chestnut ( <i>Castanea sativa</i> )	16	Single	0.36	4	7	3	3	5	Mature	Fair to poor	Prominent hedgerow tree exhibiting significant thinning and dieback of shoots and branches throughout crown.	Prune to remove unstable deadwood of diameter >50mm extending over residential garden. Monitor for health.	10-20	C
T29	Ash ( <i>Fraxinus excelsior</i> )	15	Single	0.36	8	2	3	3	7	Mature	Poor	Prominent tree severely infected with Ash Dieback Disease. This specimen is in a moribund condition.	Remove.	<10	U
T30	Sweet Chestnut ( <i>Castanea sativa</i> )	14	Single	0.36	2	4	2	2	4	Mature	Poor	Tree of variable form exhibiting severe dieback throughout upper crown. This specimen is in a moribund condition and unsafe for retention.	Remove.	<10	U

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					N	E	S	W							
T31	Norway Maple ( <i>Acer platanoides</i> )	16	Single	0.46	7	6	3	7	3	Mature	Fair	Prominent tree of reasonable form with crown more heavily developed on northern side due to suppression by trees to the south.	No action required at this time.	20-40	B
T32	Alder ( <i>Alnus glutinosa</i> )	18	Single	0.37	5	6	5	3	7	Mature	Fair	Tree of reasonable form and vigour.	No action required at this time.	20-40	B
T33	Aspen ( <i>Populus tremula</i> )	17	Single	0.36	4	7	3	2	7	Middle aged	Fair to poor	Hedgerow tree of variable form leaning to the east. This specimen exhibits notable thinning and dieback throughout crown which may be indicative of declining condition of a relatively short-lived species.	Monitor for health.	10-20	C
T34	Privet ( <i>Ligustrum</i> spp.)	4	Multi	0.15	2	1	2	1	0	Middle aged	Fair to poor	Ornamental shrub heavily suppressed exhibiting significant thinning of foliage throughout crown.	Monitor for health.	10-20	C
T35	Ash ( <i>Fraxinus excelsior</i> )	13	Single	0.38	1	5	2	3	3	Middle aged	Poor	Hedgerow tree severely infected with Ash Dieback Disease. This specimen is in a moribund condition and represents an immediate hazard in relation to the residential garden.	Remove.	<10	U
T36	Ash ( <i>Fraxinus excelsior</i> )	14	Single	0.33	3	4	3	1	4	Middle aged	Poor	Hedgerow tree severely infected with Ash Dieback Disease. This specimen is in a moribund condition and represents an immediate hazard in relation to the residential garden.	Remove.	<10	U

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					N	E	S	W							
T37	Ash ( <i>Fraxinus excelsior</i> )	17	Single	0.51	4	7	1	8	4	Mature	Poor	Prominent hedgerow tree severely infected with Ash Dieback Disease. This specimen is in a moribund condition and represents an immediate hazard in relation to the residential garden.	Remove.	<10	U
T38	Ash ( <i>Fraxinus excelsior</i> )	14	Single	0.42	4	4	3	4	4	Mature	Poor	Prominent hedgerow tree severely infected with Ash Dieback Disease. This specimen is in a moribund condition and represents an immediate hazard in relation to the residential garden.	Remove.	<10	U
T39	Ash ( <i>Fraxinus excelsior</i> )	10	Single	0.23	5	4	0	2	3	Middle aged	Poor	Hedgerow tree of variable form exhibiting early-stage symptoms of Ash Dieback Disease.	Remove.	<10	U
G40	Group of: Privet ( <i>Ligustrum</i> spp.), Sycamore ( <i>Acer pseudoplatanus</i> ), Cherry Laurel ( <i>Prunus laurocerasus</i> ), Holly ( <i>Ilex aquifolium</i> ), Hawthorn ( <i>Crataegus monogyna</i> )	4 (avg.)	Single and Multi	0.1 (avg.)	1	1	1	1	0	Middle aged	Fair	Scrubby specimens forming gappy boundary hedgerow.	No action required at this time.	10-20	C

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					N	E	S	W							
T41	Hybrid Black Poplar ( <i>Populus × canadensis</i> )	19	Single	0.67	10	13	9	6	5	Mature	Fair	Prominent specimen of variable form with crown more heavily developed on eastern side. This specimen has been historically pruned on northwestern side in relation to overhead cables. This species is relatively short-lived and vulnerable to structural failure. A tree that is generally unsuitable for long term retention in relation to any adjacent residential structure.	Monitor for safety.	10-20	C