

200929 - Muldowney

Tree ID	No. Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m)								Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m <sup>2</sup> )	RPR (m)	Life expectancy (Yrs)	BS Category
					N	NE	E	SE	S	SW	W	NW									
Tree Group G1	1	12.0	35	1									0.0		Early Mature	Structural condition Fair. Physiological condition Fair. Access to inspect base - Not possible. Competition - Adjacent trees. Dutch elm disease. Dead tree / trees. Deadwood - Minor. Ivy or climbing plant. Height and stem diameter are average for group. Boundary tree and hedge group comprising mainly of elm and ash overstorey and hawthorn understorey. Trees growing on raised bank. Mixed Category C and U. All overstorey elm trees are dead due to Dutch Elm disease. Ash trees are mainly in the northern part of the group and currently in fair condition. Quantities of overstorey trees estimated. Quantities of understorey trees not recorded, only species mix.	05/07/2021	55.4	4.2	10-20	C2
			AVE																		
	5	Fraxinus excelsior (Ash)																			
	1	Hedera helix (Common Ivy)																			
	1	Prunus spinosa (Blackthorn/Sloe)																			
	1	Rubus fruticosus s. (Blackberry/Bramble)																			
	6	Ulmus sp. (Elm sp.)																			
Tree T2	1	8.0	22	5	4.0	3.0	3.0	3.0	3.0	2.0			Semi Mature	Structural condition Fair. Physiological condition Fair. Access to inspect base - Not possible. Coppice stool - Recently cut. Deadwood - Minor. Ivy or climbing plant. Multi-stemmed. Unable to inspect tree closely due to dense scrub.	05/07/2021	22.6	2.7	10-20	C2		

Stem green Estimated value  
 Stem AVE Average stem diameter for tree groups  
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 L.B. Height of lowest branch attachment (m) - where relevant

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						N	NE	E	SE	S	SW	W	NW									
Tree T3	1	Fraxinus excelsior (Ash)	10.0	36 COM	6	4.5		4.0	4.0		3.5		2.0		Early Mature	Structural condition Poor. Physiological condition Poor. Access to inspect base - Not possible. Coppice stool - Recently cut. Die-back - Throughout crown. Decline - Evident / observed. Deadwood - Minor. Ivy or climbing plant. Multi-stemmed. Unable to inspect tree closely due to dense scrub. Tree is infected with ash dieback.	05/07/2021	61.1	4.4	0-10	U	
Hedge H4	1	Acer pseudoplatanus (Sycamore)	5.0	15 AVE	1								0.0		Early Mature	Structural condition Fair. Physiological condition Fair. Hedgerow - Neglected / overgrown. Height and stem diameter are average for group. Boundary native hedge comprising mainly of hawthorn and blackthorn growing on a raised bank. Quantities not recorded, only species mix.	05/07/2021	10.2	1.8	20-40	B2	
	1	Crataegus monogyna (Common Hawthorn/Quick/May)																				
	1	Hedera helix (Common Ivy)																				
	1	Prunus spinosa (Blackthorn/Sloe)																				
	1	Rubus fruticosus s. (Blackberry/Bramble)																				
	1	Sambucus nigra (Elder)																				
Group G5	1	Acer pseudoplatanus (Sycamore)	10.0	20	1								2.0		Early Mature	Structural condition Fair. Physiological condition Good. Access to inspect base - Not possible. Competition - Adjacent trees. Multi-stemmed. Height and stem diameter are average for group. Unable to access group. Suspected regrown coppice and area of natural regeneration. Quantities not recorded.	05/07/2021	18.1	2.4	20-40	C2	

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					N	NE	E	SE	S	SW	W	NW									
Tree T6	1 Acer pseudoplatanus (Sycamore)	9.0	35	1	4.5	4.5	4.0	4.0				2.5		Early Mature	Structural condition Fair. Physiological condition Good. Coppice stool - Regrown. Multi-stemmed.	05/07/2021	55.4	4.2	20-40	C1	
Tree T7	1 Fraxinus excelsior (Ash)	13.0	35	1	5.0	5.0	2.0	5.0				3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Access to inspect base - Not possible. Coppice stool - Recently cut. Die-back - Throughout crown. Decline - Evident / observed. Deadwood - Minor. Ivy or climbing plant. Multi-stemmed. Unable to inspect tree closely due to dense scrub. Tree is infected with ash dieback.	05/07/2021	55.4	4.2	0-10	U	
Tree T8	1 Thuja sp. (Thuja sp.)	1.5	8	1	0.5	0.5	0.5	0.5				0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Root environment - Restricted.	05/07/2021	2.9	1.0	10-20	C1	
Tree T9	1 Thuja sp. (Thuja sp.)	2.0	10	1	0.5	0.5	0.5	0.5				0.0		Semi Mature	Structural condition Fair. Physiological condition Good. Root environment - Restricted.	05/07/2021	4.5	1.2	10-20	C1	

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						N	NE	E	SE	S	SW	W	NW									
Hedge H10	1	Berberis sp. (Barberry sp.)	5.0	10 AVE	1									0.0	Early Mature	Structural condition Fair. Physiological condition Fair. Hedgerow - Neglected / overgrown. Height and stem diameter are average for group. Neglected hedge overgrown with ivy and brambles. Quantities not recorded, only species mix.	05/07/2021	4.5	1.2	10-20	C2	
	1	Hedera helix (Common Ivy)																				
	1	Rubus fruticosus s. (Blackberry/Bramble)																				
	1	Sambucus nigra (Elder)																				
	1	Swida sanguinea (Common Dogwood)																				
	1	Viburnum sp. (Viburnum sp.)																				
Hedge H11	1	Thuja sp. (Thuja sp.)	2.5	12	1									0.0	Early Mature	Structural condition Good. Physiological condition Good. Hedgerow - Maintained. Root environment - Restricted. Height and stem diameter are average for group. Trees growing within a retaining bed. Quantities not recorded, only species mix.	05/07/2021	6.5	1.4	20-40	C1	
Tree T12	1	Pittosporum tenuifolium	5.0	20	1	2.0	2.0	2.0	2.0				2.5	Early Mature	Structural condition Fair. Physiological condition Fair. Arboricultural work - Historic. Multi-stemmed.	05/07/2021	18.1	2.4	10-20	C2		
Tree T13	1	Pittosporum tenuifolium	5.5	30	1	2.0	3.5	2.5	2.5				0.0	Early Mature	Structural condition Fair. Physiological condition Good. Arboricultural work - Historic. Branch weight - Heavy. Competition - Adjacent trees. Fork - Weak with included bark. Multi-stemmed.	05/07/2021	40.7	3.6	20-40	C2		

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						N	NE	E	SE	S	SW	W	NW									
Tree T14	1	Pyrus communis (Garden Pear)	8.0	42	2	4.0	5.0	3.0	4.0					2.0	Mature	Structural condition Fair. Physiological condition Fair. Arboricultural work - Historic. Fork - Weak with included bark. Structural impact - Potential. Tree is located immediately adjacent to the boundary wall.	05/07/2021	81.4	5.1	10-20	C2	
Shrub S15	1	Buddleja davidii (Buddleja)	5.0	8	1									0.0	Early Mature	Structural condition Fair. Physiological condition Fair. Natural regeneration. Height and stem diameter are average for group. Group of naturally regenerated buddleja. Quantities not recorded, only species mix.	05/07/2021	2.9	1.0	10-20	C1	
Tree T16	1	Abies sp. (Fir sp.)	8.0	15	1	2.0	2.0	2.0	2.0				1.0	Semi Mature	Structural condition Fair. Physiological condition Fair. Access to inspect base - Not possible. Unable to inspect tree closely due to restricted access.	05/07/2021	10.2	1.8	20-40	C1		
Tree T17	1	Chamaecyparis lawsoniana (Lawson Cypress)	11.0	30	1	2.5	2.5	2.5	2.5				1.0	Early Mature	Structural condition Fair. Physiological condition Good. Access to inspect base - Not possible. Fork - Weak with included bark. Unable to inspect tree closely due to restricted access.	05/07/2021	40.7	3.6	20-40	C1		
Group G18	1	Buddleja davidii (Buddleja)	5.0	10	1									0.0	Early Mature	Structural condition Fair. Physiological condition Fair. Natural regeneration. Height and stem diameter are average for group. Group of naturally regenerated buddleja and willow. Quantities not recorded, only species mix.	05/07/2021	4.5	1.2	10-20	C1	
	1	Salix caprea (Goat Willow/Great Sallow)																				
Tree T19	1	Acer pseudoplatanus (Sycamore)	10.0	45	1	4.5	4.5	3.5	4.5				3.0	Early Mature	Structural condition Fair. Physiological condition Good. Access to inspect base - Not possible. Arboricultural work - Historic. Deadwood - Minor. Unable to inspect tree closely as located in neighbouring property.	05/07/2021	91.6	5.4	20-40	B1		

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						N	NE	E	SE	S	SW	W	NW									
Group G20	1	Thuja sp. (Thuja sp.)	3.5	12	1								0.0		Early Mature	Structural condition Fair. Physiological condition Good. Hedgerow - Maintained. Root environment - Restricted. Height and stem diameter are average for group. Mixed group of shrubs and ornamental conifers. Access not possible. Quantities not recorded, only species mix.	05/07/2021	6.5	1.4	20-40	C1	
			AVE																			
	1	Viburnum sp. (Viburnum sp.)																				
	1	Photinia x fraseri (Fraser's Photinia)																				
Tree T21	1	Chamaecyparis sp. (False Cypress)	5.0	15	1	1.5	1.5	1.5	1.5	1.5	1.5	1.0		Semi Mature	Structural condition Good. Physiological condition Good. Access to inspect base - Not possible. Unable to inspect tree closely due to restricted access.	05/07/2021	10.2	1.8	20-40	C1		

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Table 1 of BS5837 (2012)

Cascade chart for tree quality assessment

Category and definition	Criteria (including subcategories where appropriate)			Identification on plan
<b>Trees unsuitable for retention (see note)</b>				
<b>Category U</b>  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 category U trees (e.g. 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 health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality</li> </ul> <p style="text-align: center;">NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7</p>			<b>RED</b>
	<b>1 Mainly arboricultural qualities</b>	<b>2 Mainly landscape qualities</b>	<b>3 Mainly cultural values, including conservation</b>	
<b>Trees to be considered for retention</b>				
<b>Category A</b>  <b>Trees of high quality</b>  with an estimated remaining life expectancy of at least 40 years	Tree that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or 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).	<b>GREEN</b>
<b>Category B</b>  <b>Trees of moderate quality</b>  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 value.	<b>BLUE</b>
<b>Category C</b>  <b>Trees of low quality</b>  with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm	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.	<b>GREY</b>

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