BS5837:2012 Trees in relation to design, demolition and construction – Recommendations

Tree Survey

Anthony Jane Architecture and Interiors

Canfield Moat,

High Cross Lane West,

Little Canfield,

Dunmow,

Essex,

CM6 1TD

3 September 2020

Author: Jon Hartley BSc(Hons) MArborA

Introduction

Arbtech Consulting Limited (Arbtech) received written instruction on 04/08/20 from Anthony Jane Architecture and Interiors to attend Canfield Moat, High Cross Lane West, Little Canfield, Dunmow, Essex, CM6 1TD (site) to undertake an arboricultural survey a to BS5837:2012 guidance to assess trees, hedges and major shrub groups growing on and within influencing distance of the site and to produce a Schedule of trees and Tree Constraints Plan.

I am Jon Hartley, an arboricultural surveyor at Arbtech Consulting Ltd. I undertook the tree survey on 27/08/20-31/08/20 and subsequently, have produced this summary of my findings.

I passed the RFS Certificate of Arboriculture in 2000 after a short time working in the industry. During a six-year spell in Australia, I passed the Australian Qualifications Framework (AQF) level 5 Diploma in arboriculture. I also now hold a BSc(Hons) degree in Arboriculture and Urban Forestry and the obligatory LANTRA Professional Tree Inspector certification. I benefit from professional industry experience spanning 20 years. I have professional memberships with the Consulting Arborist Society and the Arboricultural Association and an associate membership with the Institute of Chartered Foresters.

The advice below and appended is underwritten by our Professional Indemnity insurance for the business practice of Arboricultural Consultancy in the sum of one million Pounds Sterling in each and every claim.

Document	Reference No.
Survey base drawing – Topographical Survey	THESU-J-0013
LPA pre-app comments	N/A
British Standard 5837:2012	"BS5837"
Tree Survey Schedule	Arbtech TS 01
Tree Constraints Plan	Arbtech TCP 01

Table 1: Documents referred to.

Tree Survey

Survey: An arboricultural survey to BS5837 of all trees within impacting distance of the site was undertaken by Jon Hartley on 27/08/20-31/08/20.

During the survey, I categorised the trees using "Table 1 – Cascade chart for tree quality assessment" of the BS5837:2012 (see Appendix 1).

A total of 168No. individual trees; 17No. grouos of trees; 10No hedges and 1No woodland group were surveyed. Details for each of the trees surveyed are provided in the Schedule of Trees (see Appendix 2).

Table 2: Documents upon which this tree survey has been based.

Document	Originator	Reference Number	Title
Topographical Survey	The Survey House	THESU-J-0013	Topographical Survey

Limitations: The survey was made at ground level using visual observation only. Detailed examinations, such as climbing inspections and decay detection equipment were not employed, though may form part of the survey's management recommendations. Measurements were taken using specialist tapes, laser and GPS devices. Where this was not possible, measurements are estimated.

Scope: Pre-development tree surveys make arboricultural management recommendations based exclusively upon the individual tree or group of trees condition relative to their present context (*i.e. not in relation to the proposed development*).

Legal Status: No statutory protection check has been performed. BS5837 does not draw any distinction between trees subject to statutory protection, such as a Tree Preservation Order ("TPO"), and those trees without. This is principally because a detailed planning consent overrides any TPO protection. Consequently, we do not seek to offer any comparison between or infer any difference in the quality or importance of TPO trees and other trees.

* For more information on the surveyed trees please see Arbtech Consulting Ltd, Tree Survey Schedule (Appendix 1), Tree Survey Report and Tree Constraints Plan.

Site description

The site is broadly level in topography. The main dwelling is substantial and has a number of existing outbuildings, a swimming pool and tennis court. It is situated to the east of a farm complex and separated from High Cross Lane Way by a field to the west, and arable land to all other boundaries.

∧RBTECH



Figure 1: Existing Site Plan (Anthony Jane)



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Figure 2: Topographical Survey (TSH)

It is proposed to develop specific areas of the site to add dwellings in keeping with the style and land use of what may be expected within the grounds of dwelling of this statuture

It is likely that arboricultural impacts can be addressed with suitable design and arboricultural methodology.



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BS5837:2012 Scope

This standard recognises that there can be problems for development close to existing trees which are to be retained, and of planting trees close to existing structures. This standard sets out to assist those concerned with trees in relation to construction to form balanced judgements. It does not set out to put arguments for or against development, or for the removal or retention of trees. Where development, including demolition, is to occur, the standard provides guidance on how to decide which trees are appropriate for retention, on the means of protecting these trees during development, including demolition and construction work, and on the means of incorporating trees into the developed landscape.

Methodology

The methodology used to assess the trees was the British Standard 5837:2012 'Trees in Relation to Construction' tree survey method. The aim of the survey is to establish which trees are moderate and good quality; suitable for retention and justifying protection. And, which trees are low or poor quality; either undesirable or unsuitable to retain and protect.

The tree survey includes all trees included in the land survey red line boundary plan, as well as any that may have been missed, and it should categorize trees or groups of trees, including woodlands for their quality and value within the existing context, in a transparent, understandable and systematic way. Where the arboriculturist has deemed it appropriate, the trees have been tagged with small metal or plastic tags, placed as high as is convenient on the stem of each tree.

Whilst master plan proposals for the development of the site might be available, the trees have been surveyed without taking these into consideration. All detailed design work on site layout should take into consideration the results of the tree survey (and the TCP).

Trees forming groups and areas of woodland (including orchards, wood pasture and historic parkland) are identified and considered as groups where the arboriculturist has determined that this is appropriate, particularly where they contain a variety of species and age classes that could aid long-term management. It is often expedient to assess the quality and value of such groups of trees as a whole, rather than as individuals. However, an assessment of individuals within any group has been undertaken if they are open-grown or if there is a need to differentiate between them.

The quality and value of each tree or group of trees has been recorded by allocating it to one of the four categories: A, B, C, or U (highest to lowest quality respectively). The categories are differentiated on the tree survey plan by colour, or by suffixing the category adjacent to the tree identification number on the TCP.

The survey schedule lists all the trees or groups of trees. The following information is also provided:

- I. reference number (to be recorded on the tree survey plan);
- II. species (common or scientific names);
- III. height in meters (m);
- IV. stem diameter in millimetres (mm) at 1.5 m above adjacent ground level or immediately above the root flare for multi-stemmed trees;
- V. branch spread in meters taken at the four cardinal compass points;
- VI. height of crown clearance above adjacent ground level in meters (m);
- VII. age class (Newly planted, Young, Semi-mature, Early mature, Mature, Over mature);
- VIII. physiological condition (e.g. good, fair, poor, decline and dead);
- IX. structural condition (e.g. good, fair, poor and ivy);
- X. preliminary management recommendations, including further investigation of suspected defects that require more detailed assessment and potential for wildlife habitat; and
- XI. The retention category referring to the quality and useful contribution in years; U = <10yrs; A = >40yrs; B = >20yrs; C = >10yrs. The retention subcategory referring to the type of amenity; 1 = Arboricultural; 2 = Landscape; 3 = Cultural including conservation (see Table 1 Cascade chart for tree quality assessment).

Definitions

Arboriculturist

An arboriculturist (or arboricultural consultant) is a person who has, through relevant education, training and experience, gained recognized qualifications and expertise in the field of trees in relation to construction.

Tree Survey

A tree survey should be undertaken by an arboriculturist and should record information about the trees on a site independently of and prior to any specific design for development. As a subsequent task, and with reference to a design or potential design, the results of the survey should be included in the preparation of a tree constraints plan, which should be used to assist with site layout design.

Tree Constraints Plan

A TCP is a plan, typically delivered as an AutoCAD drawing (.dxf or .dwg file format), prepared by an arboriculturist for the purposes of layout design showing the root protection area and representing the effect that the mature height and spread of retained trees will have on layouts through shade, dominance, etc.

Root Protection Area

An RPA is a layout design tool indicating the area surrounding a tree that contains sufficient rooting volume to ensure the survival of the tree, shown in plan form in m².

Construction Exclusion Zone (also termed Tree Protection Zone)

A construction exclusion or tree protection zone is an area based on the RPA (in m²), identified by an arboriculturist, to be protected during development, including demolition and construction work, by the use of barriers and/or ground protection fit for purpose to ensure the successful long-term retention of a tree.

Arboricultural Impact Assessment

This is a study, undertaken by an arboriculturist, to identify, evaluate and possibly mitigate the extent of direct and indirect impacts on existing trees that may arise as a result of the implementation of any site layout proposal.

Tree Protection Plan

A TPP is a plan, typically delivered as an AutoCAD drawing (.dwg file format), prepared by an arboriculturist showing the finalized layout proposals, tree retention and tree and landscape protection measures detailed within the arboricultural method statement, which can be shown graphically.

Arboricultural Method Statement

This is a methodology for the implementation of any aspect of development that has the potential to result in loss of or damage to a tree. The AMS is likely to include details of an onsite tree protection monitoring regime.

Recommendations

We have not seen the proposed scheme and make the following recommendation to ensure that there are no irrevocable issues to the proposed retained trees and so that no conditions relating to arboriculture are attached to any planning consent secured; obtain an arboricultural report to include:

- a) An arboricultural impact assessment (AIA);
- b) An arboricultural method statement (AMS); and
- c) A tree protection plan drawing (TPP).

Limitations

Trees were inspected from using visual observation from ground level only. Trees were not climbed or inspected below ground level. Inaccessible trees will have best estimates made about the location, physical dimensions and characteristics. Trees have been grouped where BS5837 guides us that it is expedient to do so. Trees have been excluded from the survey if they are found by us to be sufficiently far away from the proposed developable area or if they are outside of the red line boundary plan showing the expectations of our Client for the extent of the survey. BS5837 does not draw any distinction between trees subject to statutory protection, such as a Tree Preservation Order ("TPO"), and those trees without. This is principally because a detailed planning consent overrides any TPO protection. Consequently, we do not seek to offer any comparison between or infer any difference in the quality or importance of TPO trees and other trees.

Appendices

The following documents were released to the Client as appendices to this report:

- Survey Schedule (.pdf)
- Tree Constraints Plan drawing (.dwg/.dxf & .pdf)

If you require clarification of information contained herein, please do not hesitate to contact us via

Yours Sincerely,

Jon Hartley BSc(Hons) MArborA Senior Consultant



Appendix 1: Table 1 Cascade chart for tree quality assessment

BS5837:2012 Trees in relation to design, demolition and construction – Recommendations

Cascade chart for tree quality assessment

Category and definition	Criteria (including subcategories when app	ropriate		Identification on plan
Trees unsuitable for retention (se	e Note)			
Category 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	 become unviable after removal of other category by pruning) Trees that are dead or are showing signs of Trees infected with pathogens of significant adjacent trees of better quality 	tural defect, such that their early loss is expected or ory U trees (e.g. where, for whatever reason, the lo significant, immediate, and irreversible overall dec to the health and/or safety of other trees nearby, potential conservation value which might be desiral	ss of companion shelter cannot be mitigated cline or very low quality trees suppressing	Dark red
	1 Mainly arboricultural qualities	2 Mainly landscape qualities	3 Mainly cultural values, including conservation	
Trees to be considered for rete	ntion			
Category A Trees 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 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)	Light green
Category B Trees 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 remedial defects, including unsympathetic management and storm damage), such that they are unlikely to be suitable for retention of 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	Mid blue
Category C Trees of low quality with an estimated remaining 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 value	Trees with no material conservation or other cultural value	Grey

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Appendix 2: Schedule of Trees

Client: Anthony	lane	Architectu	re an	d Inte	eriors				BS5	837:20	12 Tree S	Survey		Arbtech Consulting L	d.
	Moat,)20 -	, High Cros	s Lai			le Ca	anfield	d, Dui		\RE	BTEC	СН		Unit 3, Well House Barns, Chester Road, Chester CH4 0DH Phone: 01244 661170 email@arbtech.co.uk`	
Tree and Tag No				Stems	;	C	Crown			RP	Disco	Ch		Preliminary Recommendations	0-1
Species		Hght (m)	No		Ø S nm)	Sprea (m)		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structur Conditio		Survey Comment	Cat ERC
G001														Estimate	l Measurement
A Group		7	1	300)	N	5	:	2 M	A: 40.7	Good	C: Good			C.1
See comments for details						E	5		2	R: 3.59		S: Good	Group o	of cherry laurel.	20+ yrs
						S N	5 5		<u>2</u> 2			B: Fair	·		
G002														Estimate	l Measurement
Various		6	1	180)	N	2.5) SM	A: 14.7	Good	C: Good			C.1.2
See comments for details		-	_				2.5	()	R: 2.16		S: Good	Nixed a		20+ yrs
							2.5 2.5)			B: Good	dimensi	species boundary group including plum, cherry laurel; sions recorded are indicative of the individuals within t form a valuable screen to the adjacent road.	,
G003														Estimate	l Measurement
Various		16	1	400)	N	5		3 M	A: 72.4	Good	C: Good			B.1.2
See comments for details						E	5		3	R: 4.8		S: Good	Mixed s	species group of predominantly field maple with one	40+ yrs
						S N	5 5		3 3			B: Good	sycamo	the group.	
G004														Estimate	l Measurement
/arious		6	1	100)	N	3		2 SM	A: 4.5	Good	C: Fair			C.1.2
See comments for details						E	3		2	R: 1.19		S: Good	Underst	story group including sycamore, hazel, elder, hawthorr	20+ yrs
						S	3		2			B: Good	field ma	haple; dimensions recorded are the largest represented	
						N	3	·	2				within ti	the group.	
Age Classifications:	N Y	Newly plant Young	ted		Early Ma Mature	ature			Condi	ion: C			Stems:	Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012	definition
		Semi-matur	е		Over Ma	ature				E		a		(_4) _4 _4 _6 _6 _6 _6 _6 _6 _6 _6 _6 _6 _6 _6 _6	
Page 1										Treat	Minder			00.0	eptember 2020

Tree and Tag No		U-64		Stems	C	rown			RP	Dhure	Chronet	al Preliminary Recommendations Cat
Species		Hght (m)	No	Ø (mm)	Spread (m)		lear (m)	Age	A (m²) R (m)	Phys Condition	Structura Conditio	
G005												Estimated Measurement
Various		7	1	200	Ν	3	1	SM	A: 18.1	Good	C: Good	C.1.2
See comments for details					Е	3	1		R: 2.4		S: Good	Understory boundary group including field maple, sycamore, 20+ yrs
					S	3	1				B: Good	hazel.
					W	3	1					
G006												Estimated Measurement
A Group		16	1	300	Ν	6	2	EM	A: 40.7	Good	C: Good	B.1.2
See comments for details					Е	6	2		R: 3.59		S: Fair	Boundary group of sycamore: asymmetrical crown distributions 20+ yrs
					S	6	2				B: Good	Boundary group of sycamore; asymmetrical crown distributions 20+ yrs of individual trees due to proximity of companion trees.
					W	6	2					of individual accessible to proximity of companion acces.
G007												Estimated Measurement
A Group		16	1	300	Ν	6	2	EM	A: 40.7	Good	C: Good	B.1.2
See comments for details					Е	6	2		R: 3.59		S: Fair	Boundary group of sycamore and ash asymmetrical crown 20+ yrs
					S	6	2				B: Good	distributions of individual trees due to proximity of companion
					W	6	2					trees.
G008												Estimated Measurement
A Group		16	1	420	Ν	3	5	EM	A: 79.8	Good	C: Good	B.1
See comments for details					Е	3	5		R: 5.03		S: Good	Group of four sycamore and a Crimson King growing in close 20+ yrs
					S	3	5				B: Good	proximity to nine another.
					W	4.5	2					. ,
G009												Estimated Measurement
Various		12	1	200	Ν	3	5	EM	A: 18.1	Good	C: Fair	C.1
See comments for details					Е	3	5		R: 2.4		S: Fair	Group of four golden robinia; dimensions recorded are 10+ yrs
					S	3	5				B: Not visit	
					W	3	5					shrubs.
G010												Estimated Measurement
A Group		7	1	140	Ν	2	2	Y	A: 8.9	Good	C: Good	C.1
See comments for details					Е	2	2		R: 1.68		S: Good	Group of 18No. self seeded cherry. 20+ yrs
					S	2	2				B: Good	
					W	2	2					
Age Classifications:	N	Newly plante	d	EM Early	Maturo		~	ondi	tion: C	Crown		Stems: Ø Diameter
Age classifications:	N Y	Young	u	M Matu			U	ondi	S			(Eq) Equivalent stem diameter using BS5837:2012 definition
		Semi-mature		OM Over					B		а	
	0101	Sommature			matare						4	
Page 2									TreeN	/linder		02 September 2020

Tree and Tag No		Uabe		Stems	C	rown			RP	Dhave		Chan -to -	-1	Preliminary Recommendations	C-1
Species		Hght (m)	No	Ø (mm)	Spread (m)	i Cle (m		Age	A (m²) R (m)	Phys Condition		Structur Conditio		Survey Comment	Cat ERC
G011														Estimated Mea	surements
Various		6	1	180	Ν	2	0	М	A: 14.7	Good	C:	Good			B.1.2
See comments for details					Е	2	0		R: 2.16		S:	Good	Line	or off site or boundary groups aposize include boutborn	20+ yrs
					S	2	0				B:	Good		er off site or boundary group; species include hawthorn, el, cherry, elm, blackthorn, elder; dimensions recorded are	201 913
					W	1	2							cative of the individuals within the group.	
G012														Estimated Mea	surements
Various		6	1	180	Ν	2	0	М	A: 14.7	Good	C:	Good			B.1.2
See comments for details					Е	2	0		R: 2.16		S:	Good		or off site or boundary groups aposize include boutborn	20+ yrs
					S	2	0				B:	Good		er off site or boundary group; species include hawthorn, el, cherry, elm, blackthorn, elder; dimensions recorded are	201 913
					W	1	2							cative of the individuals within the group.	
G013														Estimated Mea	surements
A Group		6	1	250	Ν	6	0	EM	A: 28.3	Good	C:	: Fair			C.2
See comments for details					Е	3	0		R: 3		S:	Good		ar houndary group of chorny laural	20+ yrs
					S	3	0				B:	Fair	LINE	ear boundary group of cherry laurel.	201 910
					W	3	0								
G014														Estimated Mea	surements
Various		10	1	280	Ν	3	1	SM	A: 35.5	Good	C:	Good			B.1.2
See comments for details					Е	3	1		R: 3.36		S:	Good		ear boundary group including sycamore, holly, cherry laurel,	40+ yrs
					S	3	1				B:	Good		i maple.	- , -
					W	3	1								
G015														Estimated Mea	surements
Various		6	1	150	Ν	2	0	SM	A: 10.2	Fair	C:	Good			C.1.2
See comments for details					Е	2	0		R: 1.8		S:	Fair	Mive	ed species boundary group including field maple, elm,	20+ yrs
					S	2	0				B:	Good		thorn.	,
					W	2	0								
G016														Estimated Mea	surements
A Group		16	1	560	Ν	4	4	EM	A: 141.9	Fair	C:	: Fair			C.1
See comments for details					Е	4	3		R: 6.72		S:	Fair	Cro	up of Leyland cypress; dimensions recorded are the largest	10+ yrs
					S	4	3				B:	Good		resented within the group; stem of the southern most	10 .).0
					W	4	5						indi	vidual is in contact with garage.	
Ana Classifications:	N	Newly planted	4	EM Early	Matura		~	ondit	ion: C	Crown			Stomo	Ø Diameter	
Age Classifications:	Y	Young	u	M Matu			C	ondi	ion: C				Stems:	(Eq) Equivalent stem diameter using BS5837:2012 defin	nition
	SM	-		OM Over					E		а				
	ON	Com-mature			Mature						u				
Page 3									Treel	Minder				02 Septem	nber 2020

Tree and Tag No		11-6-6	!	Stems		Crowi	า			RP	Dharm		Channe - the	_1	Preliminary Recommendations	6 -+
Species		Hght (m)	No	Ø (mn	Sprea 1) (m)		Clear (m)	Ag	ge	A (m²) R (m)	Phys Condition		Structura Conditio		Survey Comment	Cat ERC
G017															Estimated Mea	surements
Various		6	1	120	Ν	2	1	. SI	м	A: 6.5	Decline	C:	: Poor			U
See comments for details					Е	2	1		l	R: 1.43			Poor	Line	ar boundary group of predominantly blackthorn; many	<10 yrs
					S	2	1					B:	Poor		d individuals.	10 110
					W	2	1									
H001															Estimated Mea	surements
A Hedge		2	1	70	Ν	0.5	0) EN	м	A: 2.2	Good	C:	Good			C.1
See comments for details					Е	0.5	0)		R: 0.83		S:	Good			10+ yrs
					S	0.5	0)				B:	Good	Reg	ularly maintained formal hedge of cherry laurel.	101 915
					W	0.5	0)								
H002															Estimated Mea	surements
A Hedge		2	1	70	Ν	0.5	0) EN	м	A: 2.2	Good	C:	Good			C.1
See comments for details					Е	0.5	0)	I	R: 0.83		S:	Good		ularly maintained formal hodge of charmy laural	10+ yrs
					S	0.5	0)				B:	Good	Reg	ularly maintained formal hedge of cherry laurel.	101 915
					W	0.5	0)								
H003															Estimated Mea	surements
A Hedge		2	1	70	Ν	0.5	0) EN	м	A: 2.2	Good	C:	Good			C.1
See comments for details					Е	0.5	0)	I	R: 0.83		S:	Good		ularly maintained formal hedge of cherry laurel.	10+ yrs
					S	0.5	0)				B:	Good	Rey		10. 915
					W	0.5	0)								
H004															Estimated Mea	surements
Various		3	1	90	Ν	1	0) SN	м	A: 3.7	Good	C:	Good			C.1
See comments for details					Е	1	0)		R: 1.08		S:	Good		ed species group including plum, hazel, sycamore; regularly	20+ yrs
					S	1	0)				B:	Good		ntained as semiformal hedge.	201 915
					W	1	0)								
H005															Estimated Mea	surements
Various		3	1	90	Ν	1	0) SI	м	A: 3.7	Good	C:	Good			C.1
See comments for details					Е	1	0)		R: 1.08			Good	N.4:		20+ yrs
					S	1	0)				B:	Good		ed species group including plum, hazel, sycamore; regularly ntained as formal hedge.	201 913
					W	1	C)								
	NI	Nowly plants	4		arby Moture			0.015	- 1141 -		Crown			Charman	Ø. Diameter	
Age Classifications:	N Y	Newly plante Young	d		arly Mature ature			Con	aitio		Crown Stem			Stems:	Ø Diameter	ition
	r SM	-			ature ver Mature					S B	Basal are	2			(Eq) Equivalent stem diameter using BS5837:2012 defin	nuori
	Sivi	Semi-mature										a				
Page 4										TreeM	linder				02 Septem	ber 2020

Tree and Tag No		11-64		Stems	0	Crown			RP	Direct	Charles - th	al Preliminary Recommendations	C _+
Species		Hght (m)	No	Ø (mm)	Sprea (m)		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structur Conditio	-	Cat ERC
H006												Estimated Measu	urements
A Hedge		2.5	1	60	Ν	0.5	0	Y	A: 1.6	Good	C: Good		C.1
See comments for details					Е	0.5	0		R: 0.71		S: Good	Linear group of field maple; regularly maintained as a formal	20+ yrs
					S	0.5	0				B: Good	hedge.	,
					W	0.5	0						
H007												Estimated Measu	urements
A Hedge		2.5	1	60	Ν	0.5	0	Y	A: 1.6	Good	C: Good		C.1
See comments for details					Е	0.5	0		R: 0.71		S: Good	Linear group of field maple; regularly maintained as a formal	20+ yrs
					S	0.5	0				B: Good	hedge.	
					W	0.5	0						
H008												Estimated Measu	urements
A Hedge		2	1	70	Ν	0.5	0	EM	A: 2.2	Good	C: Good		C.1
See comments for details					Е	0.5	0		R: 0.83		S: Good	Regularly maintained formal hedge of cherry laurel.	10+ yrs
					S	0.5	0				B: Good	Regularly maintained formal neage of cherry ladrei.	
					W	0.5	0						
H009												Estimated Measu	urements
A Hedge		2	1	70	Ν	0.5	0	EM	A: 2.2	Good	C: Good		C.1
See comments for details					Е	0.5	0		R: 0.83		S: Good	Regularly maintained formal hedge of yew.	10+ yrs
					S	0.5	0				B: Good	Regularly maintained formal neage of yew.	- / -
					W	0.5	0						
H010												Estimated Measu	urements
A Hedge		2	1	70	Ν	0.5	0	SM	A: 2.2	Good	C: Good		C.2
See comments for details					Е	0.5	0		R: 0.83		S: Good	Linear group of copper beech regularly maintained as a formal	10+ yrs
					S	0.5	0				B: Good	hedge.	
					W	0.5	0						
T001													
Common Yew		11	1	560	Ν	5	1	М	A: 141.9	Good	C: Good		A.1
Taxus baccata					Е	2	1		R: 6.72		S: Good	Asymmetrical crown distribution due to proximity of companion	40+ yrs
					S	7	1				B: Good	trees; no significant features noted.	,
					W	6	1						
Age Classifications:	N	Newly plant	ed	EM Early	/ Mature			Condi	tion: C	C Crown		Stems: Ø Diameter	
. go olassilidations.	Y	Young		M Matu					1011. S			(Eq) Equivalent stem diameter using BS5837:2012 definit	ion
		Semi-matur	е	OM Over					E		а		
Page 5									Trool	Minder		02 Septemb	or 2020
aue 0									riee	VIIIIUEI		U2 Septemb	

Tree and Tag No			1	Stems	(Crown			RP		. .			Preliminary Recommendations	
Species		Hght (m)	No	Ø (mm)	Sprea (m)		ear n)	Age	A (m²) R (m)	Phys Condition	Struct Condi			Survey Comment	Cat ERC
T002															
Common Yew		11	1	520	Ν	5	1	М	A: 122.3	Good	C: Good	l			A.1
Taxus baccata					Е	3	1		R: 6.23		S: Good	I	Acummotrical	crown distribution due to provimity of companion	40+ yrs
					S	4	1				B: Good	I		crown distribution due to proximity of companion ficant features noted.	101 913
					W	6	1						trees, no sign		
T003															
Common Yew		13	1	610	Ν	6	1	М	A: 168.4	Good	C: Good	l			A.1
Taxus baccata					Е	3	1		R: 7.32		S: Good	I	A cumana atui aa l		40+ yrs
					S	6	1				B: Good	I		crown distribution due to proximity of companion ficant features noted.	101 913
					W	3	1						trees, no sign		
T004															
Common Yew		13	1	610	Ν	5	1	М	A: 168.4	Good	C: Good	I			A.1
Taxus baccata					Е	5	1		R: 7.32		S: Good	I		crown distribution due to provimity of companien	40+ yrs
					S	6	1				B: Good	I		crown distribution due to proximity of companion ficant features noted.	101 913
					W	3	1						dees, no sign		
Т005															
Common Yew		11	1	460	Ν	5	2	М	A: 95.7	Good	C: Good	I			A.1
Taxus baccata					Е	5	1		R: 5.51		S: Good	I		crown distribution due to proximity of companion	40+ yrs
					S	3	1				B: Good	I		ficant features noted.	,
					W	5	1						····, ···j		
Т006															
Lawson Cypress		10	1	480	Ν	2.5	0	EM	A: 104.2	Good	C: Good	l			B.1
Chamaecyparis lawsoniana					Е	2.5	0		R: 5.75		S: Good	I	No significant	features noted.	20+ yrs
					S	2.5	0				B: Good	I	no significant		
					W	2.5	0								
Т007															
Common Yew		11	2	667 (Eq) N	5	2	М	A: 201.5	Fair	C: Good				B.1
Taxus baccata					Е	5	2		R: 8		S: Good	I	l ow foliage de	ensity throughout crown; ivy from ground level to	20+ yrs
					S	5	2				B: Good	I		n not dense yet.	
					W	5	2						.,		
Age Classifications:	N	Newly plante	ed	EM Ear	ly Mature		C	ondit	ion: C	Crown		Ste	ems: Ø	Diameter	
3	Y	Young		M Ma	•				S				(Eq)	Equivalent stem diameter using BS5837:2012 de	finition
	SM	•	е	OM Ove					В	Basal area	a		× 47		
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Tree and Tag No		Uakt		Stems		Cro	wn			RP	Dhur		Chruchter	al Preliminary Recommendations Ca
Species		Hght (m)	No	,	Ø Spr 1m) (n		Clear (m)	•	Age	A (m²) R (m)	Phys Condition		Structura Conditio	
Т008														
Common Yew		11	1	620) N	Į	5 1	L.5	М	A: 173.9	Fair	C:	: Good	В.:
Taxus baccata					Е	ŗ	5 1	L.5		R: 7.44			: Good	I ow foliage density throughout crown: ivy from around level to $20+$
					S	5	5 1	l.5				B:	: Good	Low foliage density throughout crown; ivy from ground level to 20+ apex, although not dense yet.
					W	ļ	5 1	1.5						
Т009														
Common Yew		7	1	800) N	4	4 1	L.5	М	A: 289.6	Poor	C:	: Good	C.:
Taxus baccata					Е	4	1 1	l.5		R: 9.6		S:	Good	Very low foliage density throughout crown: ivy from ground <10
					S	4	4 1	l.5				B:	: Good	Very low foliage density throughout crown; ivy from ground <10 level to apex, although not dense yet.
					W	4	1 1	L.5						
T010														
Field Maple		12	2	497	' (Eq) N	4	1	3	М	A: 111.7	Good	C:	: Good	В.:
Acer campestre					E	ŗ	5	5		R: 5.96		S:	Good	Two codominant stems from ground level; ivy obscures 20+
					S	4	1	7				B:	: Good	inspection of base from ground level to 1m.
					W	Į	5	2						
T011														
Apple		4	1	290) N		3 1	L.5	EM	A: 38.1	Good	C:	: Good	C.:
Malus sp.					E			L.5		R: 3.48		S:	Good	Regularly pruned to maintain current dimensions. 10+
					S	2	2 1	L.5				B:	: Good	Regularly pranea to maintain carrent aimensions.
					W	1.5	5 1	1.5						
T012														
Common Yew		6	1	100) N	:	1 1	L.5	Υ	A: 4.5	Good	C:	: Poor	C.:
Taxus baccata					E	2	2 1	1.5		R: 1.19		S:	Good	Asymmetrical crown distribution due to proximity of dominant 40+
					S	-	1 1	1.5				B:	: Good	tree.
					W	:	1 1	1.5						
T013														Estimated Measurem
Common Hazel		7	10	253	8 (Eq) N	-	2	1	М	A: 29	Good	C:	: Good	C.:
Corylus avellana					Е	5	5	1		R: 3.03		S:	: Good	Over stood coppice stool; asymmetrical crown distribution due 20+
					S	3	3	1				B:	: Good	to proximity of companion trees.
					W	2	2	1						
Age Classifications:	N	Newly plant	ted	EM	Early Matur	re		C	ondit	ion: (Crown			Stems: Ø Diameter
-	Y	Young			Mature					5				(Eq) Equivalent stem diameter using BS5837:2012 definition
	SM	Semi-matur	re	OM	Over Matur	e				E		а		
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Tree and Tag No				Stems		Crown	ı		RP		.	Preliminary Recommendations	·
Species		Hght (m)	No	, Ø (mn			Clear (m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	Cat ERC
T014													
Common Oak		14	4	1012	(Eq) N	6	5	М	A: 463	Good	C: Good		A.1.2
Quercus robur					Е	8	2		R: 12.13		S: Good	Grows from top of east side of boundary ditch; four	40+ yrs
					S	7	5				B: Good	codominant stems from ground level; ivy partially obscures	,
					W	7	6					inspection of primary branch unions.	
T015													
Sycamore		14	1	460	Ν	5	2	М	A: 95.7	Fair	C: Good		U
Acer pseudoplatanus					Е	5	2		R: 5.51		S: Fair	Ganoderma applanatum fruiting bodies at base on west side;	<10 yrs
					S	5	2				B: Poor	necrotic bark with weeping at the margins from base to 0.5m	10 110
					W	5	2					on south side, approximately 1/4 of stem circumference.	
T016												Estimated Me	easurement
Sycamore		14	2	418	(Eq) N	5	2	EM	A: 79	Poor	C: Good		U
Acer pseudoplatanus					Е	5	2		R: 5.01		S: Not visible	Two codominant stems from ground level; ivy obscures	<10 yrs
					S	5	2				B: Not visible	inspection of base, stem and primary unions from ground level	- / -
					W	3	2					to 10m; low foliage density throughout crown.	
T017													
Plum		6	1	170	Ν	1.5	2	EM	A: 13.1	Good	C: Good		C.1
Prunus Domestica					E	1.5	2		R: 2.04		S: Good	Basal growth up to 70mm diameter has now formed part of	10+ yrs
					S	2.5	1				B: Good	the crown as is typical of the species.	
					W	1.5	2						
T018													
Common Oak		4.5	1	210	Ν	1.5	2	SM	A: 20	Good	C: Poor		C.1
Quercus robur					E	3.5	2		R: 2.52		S: Good	Possibly historically topped at 2.5m; crown is formed in	20+ yrs
					S	3.5	2				B: Fair	'umbrella' shape.	
					W	2.5	2						
T019													
Indian Horse Chestnut		18	1	650	Ν	4	1	М	A: 191.2	Good	C: Good		B.1.2
Aesculus indica					E	5	3		R: 7.8		S: Fair	Three codominant stems from 1m with included bark and no	20+ yrs
					S	5	2				B: Fair	remaining natural braces within the crown; axcillary wood	
					W	5	2					formation beginning to form at stem unions.	
Age Classifications:	N	Newly plant	ted	EM E	arly Matur	e	C	ondit	tion: C	Crown	Ste	e ms: Ø Diameter	
	Y	Young			lature				S	Stem		(Eq) Equivalent stem diameter using BS5837:2012 def	finition
	SM	Semi-matur		014 0	Over Mature				В	Basal area			

Tree and Tag No				Stems		Crown	า		RP	D	<u>.</u>	Preliminary Recommendations	<u> </u>
Species		Hght (m)	No) Ø (mm	Sprea) (m)		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structura Condition		Cat ERC
T020													
Common Quince		4.5	1	150	Ν	2.5	1.5	SM	A: 10.2	Good	C: Good		C.1
Cydonia oblonga					Е	2.5	1.5		R: 1.8		S: Good	No significant fortunes noted	20+ yrs
, -					S	2.5	1.5				B: Good	No significant features noted.	201 913
					W	2.5	1.5						
T021													
Cherry		7	1	370	Ν	3.5	2	М	A: 61.9	Good	C: Good		C.1
Prunus sp.					Е	3	2		R: 4.43		S: Good	No significant fasturas noted	20+ yrs
					S	4	2				B: Good	No significant features noted.	201 913
					W	3	2						
T022													
Apple		5	1	220	Ν	3	1.5	EM	A: 21.9	Good	C: Good		C.1
Malus sp.					Е	3	1.5		R: 2.64		S: Good	No significant features noted.	20+ yrs
					S	3	1.5				B: Good	No significant reactives noted.	,
					W	3	1.5						
Т023													
Pear		6	2	184	(Eq) N	2.5	1.5	EM	A: 15.3	Fair	C: Good		C.1
Pyrus sp.					Е	2.5	1.5		R: 2.2		S: Good	Two codominant stems from base with included bark at union;	10+ yrs
					S	2.5	1.5				B: Fair	west stem appears to be growing from a grafted root stick as	20 . ,
					W	2.5	1.5					leaves and bark differ from other stem.	
T024													
Prunus		4	1	160	Ν	2.5	2	SM	A: 11.6	Good	C: Good		C.1
Prunus sp.					Е	2.5	2		R: 1.92		S: Good	No significant features noted.	20+ yrs
					S	2.5	2				B: Good	No significant reactives noted.	,
					W	2.5	2						
T025													
Indian Horse Chestnut		18	1	700	Ν	7	1	М	A: 221.7	Good	C: Good		B.1.2
Aesculus indica					Е	5	3		R: 8.4		S: Fair	Two codominant stems from 1.5m with included bark, natural	20+ yrs
					S	5	2				B: Fair	braces remain within the crown; a third stem on the south side	
					W	6	1					has historically failed leaving heartwood exposed; 150mm of wound wood formation leaving 300mm until closure of wound.	
Age Classifications:	N	Newly plante	ed	EM Ea	arly Mature		C	Condi	tion: (C Crown		Stems: Ø Diameter	
	Y	Young			ature					S Stem		(Eq) Equivalent stem diameter using BS5837:2012 defin	nition
	SM	Semi-mature	e		/er Mature					Basal area	а		
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Tree and Tag No		Habt		Stems		Crown			RP	Dhure	Church	al Preliminary Recommendations Ca
Species		Hght (m)	No	, Ø (mm)	Sprea (m)		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structura Conditio	
T026												
Indian Horse Chestnut		18	1	520	Ν	4	3	М	A: 122.3	Good	C: Good	B.1
Aesculus indica					Е	5	2		R: 6.23		S: Good	Three codominant stems from 3m; no significant features 40+
					S	5	2				B: Good	noted.
					W	4	1					
T027												
Sycamore		28	1	1410	Ν	9	3	М	A: 707	Good	C: Good	A.1
Acer pseudoplatanus					Е	10	3		R: 15		S: Good	Three codominant stems greater than 800mm diameter from 40+
					S	12	2				B: Good	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
					W	9.5	2					in excess of 100mm diameter within the crown; basal growth regularly trimmed to 300mm.
T028												
Plum		5	1	150	Ν	2.5	2	SM	A: 10.2	Good	C: Good	C.:
Prunus Domestica					Е	2.5	2		R: 1.8		S: Good	No significant features noted. 20+
					S	2.5	2				B: Good	No significant reatures noted.
					W	2.5	2					
Т029												
Plum		7	1	320	Ν	1	2	М	A: 46.3	Decline	C: Poor	U
Prunus Domestica					Е	4	2		R: 3.83		S: Poor	Crown die back; Phellinus sp. fruiting bodies on stems from <10
					S	2	2				B: Poor	ground level to 3m.
					W	1	2					-
Т030												
Plum		7	6	147 (E	Eq) N	2.5	2	EM	A: 9.8	Decline	C: Poor	U
Prunus Domestica					Е	2.5	2		R: 1.76		S: Poor	Multiple stems from ground level; crown die back; Phellinus <10
					S	3	2				B: Poor	sp. fruiting bodies on stems from ground level to 3m.
					W	2	2					
T031												
Plum		7	1	420	Ν	3	2	М	A: 79.8	Dead	C: Poor	U
Prunus Domestica					Е	3	2		R: 5.03		S: Poor	Standing dead tree. <10
					S	3	2				B: Poor	Standing dedd tree.
					W	3	2					
Age Classifications:	N	Newly plant	ed	EM Earl	y Mature		С	ondit	ion: C	Crown		Stems: Ø Diameter
3	Y	Young		M Mat	-				S			(Eq) Equivalent stem diameter using BS5837:2012 definition
	SM	-	e	OM Ove					В		a	
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440 IV									11001			

Tree and Tag No		11-1-4		Stems	S	Cro	wn			RP	Dhara	C1	Preliminary Recommendations	0-1
Species		Hght (m)	No		Ø Spro mm) (n		Clear (m)	4	Age	A (m²) R (m)	Phys Condition	Structura Conditio		Cat ERC
T032														
Plum		7	1	41	0 N		3	2	М	A: 76.1	Poor	C: Poor		U
Prunus Domestica					Е	3	3	2		R: 4.92		S: Poor	Low foliage density throughout crown.	<10 yrs
					S	3	3	2				B: Poor	Low follage density throughout crown.	10 /10
					W	3	3	2						
T033														
Plum		7	1	41	0 N	3	3	2	М	A: 76.1	Poor	C: Poor		U
Prunus Domestica					Е	3	3	2		R: 4.92		S: Poor	Low foliago dongity throughout grown	<10 yrs
					S	3	3	2				B: Poor	Low foliage density throughout crown.	<10 yrs
					W	3	3	2						
T034														
Plum		7	1	40	0 N		3	2	М	A: 72.4	Poor	C: Poor		U
Prunus Domestica					Е	3	3	2		R: 4.8		S: Poor		<10 yrs
					S		1	2				B: Poor	Low foliage density throughout crown.	<10 yrs
					W	3.5	5	2						
Т035														
Common Oak		7	1	18	0 N	2.5	5	2	Y	A: 14.7	Good	C: Good		C.1
Quercus robur					Е	2.5	5	2		R: 2.16		S: Good	No significant features noted.	40+ yrs
					S	2.5	5	2				B: Good	No significant reactives noted.	,
					W	2.5	5	2						
Т036														
Myrobalan Plum		6	1	12	0 N	1.5	5	1 5	SM	A: 6.5	Good	C: Good		C.1
Prunus cerasifera					E	1.5	5	1		R: 1.43		S: Good	No significant features noted.	20+ yrs
					S	1.5	5	1				B: Good	No significant reactives noted.	- / -
					W	1.5	5	1						
Т037														
Field Maple		14	3	53	9 (Eq) N	(6	1	М	A: 131.6	Good	C: Good		A.1.2
Acer campestre					E	5	5	2		R: 6.47		S: Good	Three codominant stems from base with included bark at stem	40+ yrs
					S	5	5	2				B: Good	unions typical of the species; southern stem has a cavity from	- / -
					W	6	6	2					1.5m to 2.5m.	
Age Classifications:	N	Newly plant	ted	EM	Early Matur	e		Co	nditi	ion: C	Crown		Stems: Ø Diameter	
-	Y	Young		М	Mature					S	Stem		(Eq) Equivalent stem diameter using BS5837:2012 de	finition
	SM	Semi-matur		014	Over Mature					В	Basal area			

Tree and Tag No				Stems	;	Cro	wn			RP		_		_		Preliminary Recommendations	
Species		Hght (m)	No			read m)	Clear (m)	•	Age	A (m²) R (m)	Phys Condition		tructur Conditio			Survey Comment	Cat ERC
T038																	
Common Oak		23	1	910) N		6	8	М	A: 374.7	Fair	C:	Good				A.1.2
Quercus robur					Е		9	3		R: 10.92		S:	Good		Off site tree: l	ower than normal foliage density throughout	40+ yrs
					S		8	3				B:	Good		crown; natural	lly occurring robust dead wood within crown.	,
					W		9	3							,	, ,	
T039																Estimated	Measurement
Sycamore		14	1	380) N		5	2	EM	A: 65.3	Good	C:	Fair				B.1.2
Acer pseudoplatanus					Е		3	3		R: 4.55		S:	Good				20+ yrs
					S		0					B:	Not visi			nspection of base and stem to 2m; asymmetrical tion due to proximity of dominant adjacent tree.	201 yi3
					W		4	2									
T040																	
Common Oak		25	1	116	0 N		7	5	М	A: 608.8	Good	C:	Good				A.1.2
Quercus robur					Е		9	9		R: 13.92		S:	Good			indary tree; grows from south side of ditch; no	40+ yrs
					S	1	0	15				В:	Good		significant feat		,
					W		7	10									
T041																	
Field Maple		11	2	269	Ə (Eq) N		3	1	EM	A: 32.8	Good	C:	Good				B.1.2
Acer campestre					E		3 1	1.5		R: 3.23		S:	Good		Boundary tree	; no significant features noted.	40+ yrs
					S			1.5				В:	Good		boundary acc		
					W		3 1	1.5									
T042																Estimated	Measurement
English Elm		7	1	210	D N		0		SM	A: 20	Dead	C:	Poor				U
Ulmus procera					E		1	3		R: 2.52		S:	Poor		Standing dead	tree.	n/a
					S		5	2				В:	Poor		otanianig acaa		
					W		2	3									
T043																Estimated	Measurement
Sycamore		17	3	490) (Eq) N		5	2	EM	A: 108.8	Good		Good				B.1.2
Acer pseudoplatanus					E		3	3		R: 5.88			Good		Boundary tree	; three codominant stems from ground level	20+ yrs
					S		5	2				B:	Fair			cump regeneration.	
					W		4	2									
Age Classifications:	N	Newly plant	ed	EM	Early Matu	re		C	ondit	ion: C	Crown			Stems	s: Ø	Diameter	
	Y	Young			Mature					S						Equivalent stem diameter using BS5837:2012 of	definition
		Semi-matur			Over Matur					В	Basal are					-	

Tree and Tag No		Usht		Stems	C	rown			RP	Dhure	Church	Preliminary Recommendations
Species		Hght (m)	No	Ø (mm)	Spread (m)		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structura Conditio	
T044												
Common Oak		18	1	930	Ν	7	5	М	A: 391.3	Good	C: Good	А.:
Quercus robur					Е	7	7		R: 11.16		S: Good	Off site or boundary tree; grows from south side of ditch; 40+
					S	7	4				B: Good	woodpecker hole in previously failed branch stub.
					W	7	6					·····
T045												Estimated Measurer
Sycamore		10	1	300	Ν	1	6	EM	A: 40.7	Good	C: Fair	C
, Acer pseudoplatanus					Е	2	4		R: 3.59		S: Good	Asymmetrical crown distribution due to proximity of dominant 20+
					S	7	1.5				B: Good	Asymmetrical crown distribution due to proximity of dominant ²⁰⁺ adjacent tree.
					W	2	5					
T046												Estimated Measurer
Sycamore		16	1	420	Ν	5	2	EM	A: 79.8	Good	C: Good	В.:
Acer pseudoplatanus					Е	5	3		R: 5.03		S: Good	Off site or boundary tree; asymmetrical crown distribution due 20+
					S	5	2				B: Good	to proximity of dominant adjacent tree; no significant features
					W	3	3					noted.
T047												
Common Oak		25	1	1010	Ν	7	5	М	A: 461.5	Good	C: Good	A.:
Quercus robur					Е	7	7		R: 12.12		S: Good	Off site or boundary tree; grows from south side of ditch; no 40+
					S	7	7				B: Good	significant features noted.
					W	7	6					
T048												Estimated Measurer
Common Ash		14	4	512 (E	Eq) N	7	3	М	A: 118.8	Fair	C: Poor	l
Fraxinus excelsior					Е	5	8		R: 6.14		S: Poor	Four codominant stems from ground level indicative of stump <10
					S	7	8				B: Poor	regeneration; two south west stems with Inonotus hispidus
					W	5	8					fungal fruiting bodies from 1-4m; cavity at base extends to root plate.
T049												
Sycamore		17	1	520	Ν	3	3	м	A: 122.3	Good	C: Good	В.:
Acer pseudoplatanus					Е	5	3		R: 6.23		S: Good	
					S	5	3				B: Good	No significant features noted. 40+
					W	5	3					
	NI	Nowly plant	od	EM For	Matura			الد مر م	lanı O	Crown		Stome: Ø. Diameter
Age Classifications:	N Y	Newly plant Young	ea	EM Earl	ly Mature		C	ondit				Stems: Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012 definition
	r SM	-	0	OM Ove					S B			(Eq) Equivalent stem diameter using BS5837:2012 definition
	SIVI	Semi-matur	6								a	
Page 13									TreeN	/linder		02 September 2

Tree and Tag No		11-1-4	:	Stems		C	rown			RP	Dhave	Church atta	al Preliminary Recommendations Cat
Species		Hght (m)	No		Ø S 1m)	Spread (m)		lear m)	Age	A (m²) R (m)	Phys Condition	Structura Conditio	
Т050													
Sycamore		17	1	270)	N	3	6	EM	A: 33	Good	C: Good	C.1
Acer pseudoplatanus					I	E	3	6		R: 3.24		S: Good	Insufficient stem taper if exposure is altered. 40+ yr
					:	S	3	6				B: Good	
					١	N	3	6					
T051													
Sycamore		9	4	336	6 (Eq) I	N	3	2	SM	A: 51.2	Good	C: Good	C.1
Acer pseudoplatanus					1	E	3	2		R: 4.03		S: Good	Four codominant stems from ground level indicative of stump 20+ yr
					:	S	3	2				B: Fair	regeneration.
					١	N	3	2					
T052													Estimated Measuremer
Sycamore		9	3	135	5 (Eq) I	N	1.5	4	SM	A: 8.2	Good	C: Poor	C.1
Acer pseudoplatanus						E	0			R: 1.61		S: Fair	Asymmetrical crown distribution due to proximity of dominant 10+ yr
					:	S	0					B: Fair	Asymmetrical crown distribution due to proximity of dominant tree; three codominant stems from ground level indicative of
					١	N	1	2					stump regeneration.
T053													Estimated Measuremer
Sycamore		15	1	160)	N	2	8	SM	A: 11.6	Good	C: Good	C.1
Acer pseudoplatanus					I	E	2	8		R: 1.92		S: Fair	Insufficient stem taper if exposure is altered. 10+ yr
					:	S	2	8				B: Good	
					١	N	2	8					
T054													Estimated Measuremer
Sycamore		12	6	343	B (Eq) I	N	3	5	SM	A: 53.2	Good	C: Good	C.1
Acer pseudoplatanus					I	E	3	5		R: 4.11		S: Good	Six codominant stems from ground level indicative of stump 20+ yr
					:	S	3	2				B: Fair	regeneration.
					١	N	3	2					5
T055													
Plum		6	1	310)	N	1	3	М	A: 43.5	Decline	C: Poor	U
Prunus Domestica					I	E	1	3		R: 3.72		S: Poor	In terminal decline with epicormic regeneration up to 20mm <10 yr
					:	S	0					B: Fair	diameter forming only live crown.
					١	N	1.5	1.5					
Age Classifications:	N	Newly plant	ed	EM	Early Ma	ature		C	ondit	ion: C	Crown		Stems: Ø Diameter
-	Y	Young			Mature					S	Stem		(Eq) Equivalent stem diameter using BS5837:2012 definition
	SM	Semi-matur	е	OM	Over Ma	ature				В	Basal area	a	
Page 14										TreeN	linder		02 September 202

Tree and Tag No				Stems		Crov	wn			RP	D1		Ch			Preliminary Recommendations	
Species		Hght (m)	No	, Ø (mi		read m)	Clear (m)	A	ge	A (m²) R (m)	Phys Condition		Structur Conditio			Survey Comment	Cat ERC
T056																Estimated M	easurement
Sycamore		16	2	439	(Eq) N	3	3	5 E	Μ	A: 87.1	Good	C:	Good				B.1
Acer pseudoplatanus					E	3	; <u></u>	5		R: 5.26		S:	Good		Two codomina	ant stems from ground level indicative of stump	20+ yrs
					S	3	3 5	5				B:	: Fair		regeneration.		201 915
					W	4.5	5 2	2							regeneration		
T057																Estimated M	easurement
Sycamore		12	10	379	(Eq) N	1.5	5 5	5 S	M	A: 65.2	Good	C:	Good				C.1
Acer pseudoplatanus					E	1.5		5		R: 4.55			Good				-
····· /·····					S	3		2					Good			nant stems from ground level indicative of stump	20+ yrs
					W	3		2							regeneration.		
T058																	
Common Oak		5	1	100	Ν	2.5	5 2	2 '	Y	A: 4.5	Good	C:	Good				C.1
Quercus robur					Е	2.5		2		R: 1.19			Good			с	-
					S	2.5		2					Good		No significant	features noted.	40+ yrs
					W	2.5		2									
T059																	
Indian Horse Chestnut		18	1	630	Ν	3	3 2	2 1	М	A: 179.6	Fair	C:	Good				B.1.2
Aesculus indica					Е	5	5 2	2		R: 7.56		S:	Good		Tura and aming	ant stems from 3m with included bark at stem	40+ yrs
					S	5	5 2	2				B:	Good			g canker evident on south side of base.	101 913
					W	5	5 2	2							union, biccum	g cannel evident on south side of base.	
Т060																	
Common Walnut		11	1	560	Ν	4.5	5 2	2 1	М	A: 141.9	Fair	C:	: Poor				U
Juglans regia					E	5	; 2	2		R: 6.72		S:	Fair		Three primary	branches from 2.5m; cavities in two, the third	<10 yrs
					S	2	1 2	2				B:	Good		has shed a sec	condary branch.	120 /10
					W	e	5 2	2									
T061																Estimated M	easurement
Indian Horse Chestnut		10	1	350	Ν	5	5 2	2 E	М	A: 55.4	Decline	C:	Poor				U
Aesculus indica					Е	5	; 2	2		R: 4.19			Poor		De service de la service	the second forms have been second forms	<10 yrs
					S	5	5 2	2				B:	Poor			t wood is exposed from base to apex of one le lightning strike; decay appears to extend into	<10 yi3
					W	5	5 2	2								<i>i</i> foliage density throughout crown.	
Age Classifications:	N	Newly plant	ed	EM E	Early Matu	ıre		Cor	nditi	on: C	Crown			Stems	s: Ø	Diameter	
ge enzeenioutionor	Y	Young			Mature	-		- •1		S S	Stem			0.000	. 2 (Eq)	Equivalent stem diameter using BS5837:2012 de	finition
	SM	-	e		Over Matu	re				B	Basal area	а			(-4)		
Page 15										TreeM	the state						ember 2020

Tree and Tag No		Li - ha		Stems		Crown			RP	Dhure	Church		Preliminary Recommendations	C-1
Species		Hght (m)	No	, Ø (mm	n) (m)		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structura Conditio		Survey Comment	Cat ERC
T062														
Common Walnut		11	1	470	Ν	4.5	2	М	A: 99.9	Fair	C: Good			C.1.3
Juglans regia					Е	5	2		R: 5.63		S: Fair	Low folia	ge density throughout crown; cavity in stem as	10+ yrs
					S	4	2				B: Fair		d by knot hole at 2m which appears to be used by	
					W	4	2					fauna.	· · , · · · · · · · · · · · · · · · · ·	
T063														
Sycamore		27	1	790	Ν	7	10	М	A: 282.4	Fair	C: Good			B.1.2
Acer pseudoplatanus					Е	8	6		R: 9.48		S: Good	Three co	dominant stems greater than 500mm diameter from	20+ yrs
					S	9	3				B: Fair		is tensile in nature; Ganoderma applanatum fruiting	- , -
					W	4	6						ween buttress roots on east side, sounding hammer	
												does not dead roo	indicate this residual walls of good wood, only one t.	
T064													Estimated M	easurement
Apple		5	1	270	Ν	1	2	EM	A: 33	Decline	C: Poor			U
Malus sp.					Е	1.5	2		R: 3.24		S: Fair	Versileur		<10 yrs
					S	3.5	2				B: Poor	very low	foliage density throughout crown; unstable root plate.	<10 yrs
					W	2.5	2							
T065														
Common Hawthorn		4	1	140	Ν	3	1.5	EM	A: 8.9	Fair	C: Poor			U
Crataegus monogyna					Е	4	1.5		R: 1.68		S: Poor	Δ single r	emnant stem from a recently larger tree, stem angle	<10 yrs
					S	0					B: Poor		rees; unstable root plate.	,
					W	0						-		
T066													Estimated M	easurement
Common or Black Elder		5	6	171	(Eq) N	4	3	EM	A: 13.3	Fair	C: Fair			C.1
Sambucas nigra					E	3	3		R: 2.05		S: Good	11No. ste	ems from base typical of the species; rabbit warren	10+ yrs
					S	1	3				B: Fair	around ro		
					W	2	3							
T067													Estimated M	easurement
Apple		4.5	1	120	Ν	3	2	SM	A: 6.5	Good	C: Fair			C.1
Malus sp.					E	1	2		R: 1.43		S: Good	Unstable	root plate.	10+ yrs
					S	0					B: Fair	2	· · · · · · · · · · · ·	
					W	2	2							
Age Classifications:	Ν	Newly plante	ed		arly Mature		С	ondit				Stems:	Ø Diameter	
	Y	Young			ature				S				(Eq) Equivalent stem diameter using BS5837:2012 de	finition
	SM	Semi-mature	е	OM Ov	ver Mature				В	Basal area	a			
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Tree and Tag No			9	Stems		Crown			RP		.		Preliminary Recommendations	
Species		Hght (m)	No	Ø (mm)	Spro) (n		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structu Conditi		Survey Comment	Cat ERC
T068													Estimated M	leasurements
Common Hazel		5	6	49 ((Eq) N	2	2	Y	A: 1.1	Decline	C: Fair			U
Corylus avellana					E	2	2		R: 0.59		S: Fair	Von	y low foliage density throughout crown.	<10 yrs
					S	1	2				B: Good	very		10 10
					W	1	2							
T069													Estimated M	leasurements
Plum		5	3	121 (Eq) N	2	2	Y	A: 6.7	Fair	C: Fair			C.1
Prunus Domestica					E	2	2		R: 1.46		S: Good	 ^ ~ "		10+ yrs
					S	1	2				B: Good		mmetrical crown distribution due to proximity of dominant acent trees; low foliage density throughout crown.	101 913
					W	1	2					uuju		
T070														
Norway Spruce		16	1	490	Ν	4.5	2	EM	A: 108.6	Good	C: Good			B.1
Picea abies					Е	4.5	5		R: 5.87		S: Good	 No (significant features noted.	20+ yrs
					S	4.5	8				B: Good	NO S	significant reactives noted.	,
					W	4.5	6							
T071													Estimated M	leasurements
Common Hazel		6	6	147 (Eq) N	3	2	М	A: 9.8	Fair	C: Good			C.1
Corylus avellana					Е	1.5	2		R: 1.76		S: Good		main stems from base typical of the species; rabbit warren	
					S	3	2				B: Fair		und root plate.	- / -
					W	1.5	2							
T072														
Sycamore		18	1	680	Ν	5	2	М	A: 209.2	Good	C: Good			A.1
Acer pseudoplatanus					Е	5	2		R: 8.16		S: Good	 No (significant features noted.	40+ yrs
					S	5	2				B: Good		significant reactives noted.	- / -
					W	5	2							
T073														
Golden Robinia		12	1	250	Ν	1.5	4	SM	A: 28.3	Good	C: Good			C.1
Robinia pseudoacacia 'Frisia	7'				Е	1	3		R: 3		S: Fair	Inci	ufficient stem taper if exposure is altered.	10+ yrs
					S	3	3				B: Fair	11150		- / -
					W	3	3							
	NI	Nowly plants	d		rhy Motur	0	~	ond	tion: 0	Crown		Stores	Ø Diameter	
Age Classifications:	N Y	Newly planted Young	u	EM Ea M Ma	ny Matur Iture	C	C	ondi	tion: C S			Stems:	(Eq) Equivalent stem diameter using BS5837:2012 de	finition
	r SM	•		OM Ov		-			B		9			
	SIVI	Semi-mature				5					a			
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Tree and Tag No			St	ems	(Crown			RP		Character 1	Preliminary Recommendations	<u> </u>
Species		Hght (m)	No	Ø (mm)	Sprea (m)		lear (m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	Cat ERC
T074												Estimated Me	asurement
Cherry Laurel		6 (6	441 (E	Eq) N	5	0	EM	A: 88	Good	C: Good		C.1
Prunus laurocerasus					E	6	0		R: 5.29		S: Good	Multiple stems from layering habit.	10+ yrs
					S	7	0				B: Fair	Multiple stems from layering flabit.	101 915
					W	5	0						
T075													
Sycamore		18	1	280	Ν	2	8	EM	A: 35.5	Good	C: Good		C.1
Acer pseudoplatanus					Е	5	2		R: 3.36		S: Fair	Asymmetrical crown distribution due to proximity of companion	20+ yrs
					S	4	5				B: Good	tree; inhibits growth of adjacent spruce; insufficient stem taper	_0 / //0
					W	4.5	6					if exposure is altered.	
T076													
Golden Robinia		16	1	260	Ν	3	6	SM	A: 30.6	Good	C: Fair		C.1
Robinia pseudoacacia 'Frisia	<i>'</i>				Е	6	6		R: 3.12		S: Fair	Stem angle of 20 degrees from vertical; insufficient stem taper	10+ yrs
					S	0					B: Fair	if exposure is altered.	
					W	0							
Т077													
Golden Robinia		16	1	360	Ν	3	8	SM	A: 58.6	Good	C: Good		B.1
Robinia pseudoacacia 'Frisia	r'				Е	4	7		R: 4.31		S: Good	Asymmetrical crown distribution due to proximity of companion	20+ yrs
					S	3	6				B: Good	trees.	
					W	4	5						
T078													
Golden Robinia		16	1	680	Ν	6	8	М	A: 209.2	Good	C: Not visible		B.1
Robinia pseudoacacia 'Frisia	, '				E	4	8		R: 8.16		S: Not visible	Ivy obscures inspection of base, stem and primary unions.	20+ yrs
					S	6	3				B: Good		
					W	6	4						
Т079												Estimated Me	asurement
Golden Robinia		16 2	2	311 (E	Eq) N	4	8	М	A: 43.8	Good	C: Good	Fell :: Fell and remove stump(s)	U
Robinia pseudoacacia 'Frisia	, '				Е	8	2		R: 3.73		S: Poor		<10 yrs
					S	4	2				B: Poor	Root plate has partially failed; base of stem decayed.	,
					W	0							
Age Classifications:	N	Newly planted	E	EM Earl	y Mature		C	ondit	ion: C	Crown	Ste	ms: Ø Diameter	
3	Y	Young		M Mat	-				S	Stem	510	(Eq) Equivalent stem diameter using BS5837:2012 defi	inition

Tree and Tag No				Stems	C	Crown			RP		-			Preliminary Recommendations		
Species		Hght (m)	No	o Ø (mm	Sprea 1) (m)		lear m)	Age	A (m²) R (m)	Phys Condition		ctural dition		Survey Comment		Cat ERC
Т080															Estimated Mea	asurements
Black Walnut		16	1	310	Ν	4	5	EM	A: 43.5	Good	C: Poo	or				C.1
Juglans nigra					Е	6	3		R: 3.72		S: Fai	r	Wholely as	ymmetrical crown distribution due to pi	rovimity of	10+ yrs
					S	4	3				B: Go	od	companion			
					W	0							·			
T081															Estimated Mea	asurements
Golden Robinia		12	1	220	N	0		EM	A: 21.9	Good	C: Fai	r	Foll Foll	and remove stump(s)		U
Robinia pseudoacacia 'Frisia	7		_		E	1.5	3		R: 2.64		S: Poo					
··· , ··· · · · · · · · · · · · · · · ·					S	5	2				B: Poo		Split stem	at base, partial failure has occurred.		<10 yrs
					W	1	3									
T082																
Sycamore		18	1	460	Ν	6	5	EM	A: 95.7	Fair	C: Go	od				B.1
Acer pseudoplatanus					Е	4	2		R: 5.51		S: Go	od	Two codon	ninant stems from ground 2m, cup unic	n forming	20+ yrs
					S	6	3				B: Go	od		typical of phyophthora at 1.5m on wes		201 910
					W	6	2						stem.			
T083																
Sycamore		23	1	930	Ν	9	6	М	A: 391.3	Good	C: Go	od				A.1.2
Acer pseudoplatanus					Е	9	2		R: 11.16		S: Go	od	No significa	ant features noted.		40+ yrs
					S	9	2				B: Go	od	no signine			,
					W	9	3									
T084																
Sycamore		20	1	450	Ν	5	10	EM	A: 91.6	Good	C: Go					B.1
Acer pseudoplatanus					Е	5	2		R: 5.39		S: Go		Grows at t	ne edge of the crown of the adjacent C	at A	20+ yrs
					S	5	2				B: Go	od	sycamore;	asymmetrical crown distribution due to		
					W	4	3						dominant a	djacent tree.		
T085															Estimated Mea	asurements
Sycamore		14	1	550	Ν	6	2	EM	A: 136.9	Decline	C: Poo	or				U
Acer pseudoplatanus					Е	6	2		R: 6.6		S: Poo	or	Two codon	ninant stems from 1.5m, northern stem	has hark	<10 yrs
					S	6	2				B: Poo	or		m while circumference but still retains		
					W	6	2							em also has very low foliage density th		
Age Classifications:	N	Newly plant	ed	EM Ea	arly Mature		С	ondit	ion: C	Crown		Ste	iems:	ð Diameter		
	Y	Young		M Ma	ature				S	Stem			(E	q) Equivalent stem diameter using BS	5837:2012 defi	inition
	SM	Semi-matur	e	OM OV	ver Mature				В	Basal area						

Tree and Tag No		11-1-4	5	Stems		Crown	<u> </u>		RP	Dhara	Chara - 1	Preliminary Recommendations	C -+
Species		Hght (m)	No	Ø (mm)	Spre (m		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	Cat ERC
T086												Estimated Me	asurements
Common Hawthorn		5.5	1	350	Ν	2	2	М	A: 55.4	Good	C: Good		B.1
Crataegus monogyna					Е	2	0		R: 4.19		S: Good	Low foliage density in western quarter of crown.	20+ yrs
					S	2.5	0				B: Not visible	Low follage density in western quarter of crown.	201 910
					W	4	0						
T087												Estimated Me	asurements
Crab Apple		8	1	410	Ν	1.5	4	М	A: 76.1	Fair	C: Good		A.3
Malus sylvestris					Е	4.5	5		R: 4.92		S: Fair	A particularly large example of the species; stem hollows and	40+ yrs
					S	5	3				B: Fair	retained dead wood are veteran features.	10 / 110
					W	4	2						
Т088													
Common Oak		12	1	810	Ν	6	2	М	A: 296.9	Good	C: Good		A.1.2
Quercus robur					Е	6	2		R: 9.72		S: Good	Small patch if necrotic bark on north side at base, from ground	40+ yrs
					S	6	2				B: Fair	level to 0.5m.	10 / 10
					W	6	2						
Т089													
Norway Spruce		6	1	130	Ν	1.5	1	Y	A: 7.6	Good	C: Good		C.1
Picea abies					Е	1.5	1		R: 1.55		S: Good	No significant features noted.	40+ yrs
					S	1.5	1				B: Good	No significant reatures noted.	- / -
					W	1.5	1						
Т090												Estimated Me	asurements
Aspen		8	1	210	Ν	4	2	SM	A: 20	Good	C: Fair		C.1
Populus tremula					Е	4	2		R: 2.52		S: Good	Base and stem to 2m not visible for inspection due to bramble	20+ yrs
					S	1	6				B: Not visible	growth.	,
					W	1	6						
T091													
Common Ash		6	1	110	Ν	1.5	2	Y	A: 5.5	Good	C: Good		C.1
Fraxinus excelsior					Е	1.5	2		R: 1.32		S: Good	No significant features noted.	40+ yrs
					S	1	2				B: Good	No significant reatures noted.	,
					W	1	2						
Age Classifications:	N	Newly plant	ed	EM Early	Mature	2		Condi	tion: C	Crown	Cto	ems: Ø Diameter	
Age classifications:	Y	Young	cu	M Matu				sonu	s		Ste	(Eq) Equivalent stem diameter using BS5837:2012 def	inition
	SM	-	e	OM Over					B		3		
D 00	C.M	com matar	-		mataro						-		1 0000
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Tree and Tag No Species		11-1-1		Stems	(Crown			RP	Dhura	C 1	Preliminary Recommendations	6 -1
		Hght (m)	No) Ø (mm)	Sprea (m)		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structura Conditio	-	Cat ERC
Г092													
Wild Cherry		12	1	450	Ν	5	4	М	A: 91.6	Good	C: Good		C.1
Prunus avium					Е	5	2		R: 5.39		S: Good	Low foliage density throughout crown; surface root with	10+ yrs
					S	5	2				B: Fair	mechanical damage commensurate with mover strikes.	201).0
					W	5	2						
Г093													
Whitebeam		10	1	420	Ν	4	2	EM	A: 79.8	Good	C: Good		B.1
Sorbus aria					Е	4	2		R: 5.03		S: Good	Mechanical wound on south side of base 100mmx100mm.	20+ yrs
					S	4	2				B: Fair		201 910
					W	5	2						
Г094													
Norway Spruce		6	1	130	Ν	1.5	1	Y	A: 7.6	Good	C: Good		C.1
Picea abies					Е	1.5	1		R: 1.55		S: Good	No significant features noted.	40+ yrs
					S	1.5	1				B: Good	no significant reatines noted.	,
					W	1.5	1						
Г095													
Wild Cherry		10	1	370	Ν	4	5	ΕM	A: 61.9	Good	C: Good		B.1
Prunus avium					Е	4	5		R: 4.43		S: Good	No significant features noted.	20+ yrs
					S	4	2				B: Good		
					W	4	2						
Г096													
Common Beech		6	1	170	Ν	3.5	1.5	Υ	A: 13.1	Good	C: Good		C.1
Fagus sylvatica					Е	2.5	2		R: 2.04		S: Good	No significant features noted.	40+ yrs
					S	3	1				B: Good		
					W	3	1						
Г097													
Scots Pine		10	1	410	Ν	5	3	ΕM	A: 76.1	Good	C: Good		B.1
Pinus sylvestris					Е	3.5	2		R: 4.92		S: Good	Asymmetrical crown distribution due to proximity of companion	20+ yrs
					S	1.5	5				B: Good	trees.	-
					W	2.5	4						
Age Classifications:	N	Newly plant	ted	EM Ear	ly Mature		C	ondi	tion: C	Crown		Stems: Ø Diameter	
-	Y	Young		M Ma	-				S			(Eq) Equivalent stem diameter using BS5837:2012 defi	nition
	SM	-	re	OM Ove					В		а	·	
Age Classifications:	Y	Young		M Ma	ture		C	ondi	S	Stem			87:2012 defi 02 Septer

Tree and Tag No				Stems		Crown			RP		_	. .	Preliminary Recommendations	0-1
Species		Hght (m)	No) Ø (mm	Sprea) (m)		Clear (m)	Age	A (m²) R (m)	Phys Condition		Structura Conditio	-	Cat ERC
Т098														
Scots Pine		10	1	260	Ν	3.5	3	SM	A: 30.6	Good	C:	Good		C.1
Pinus sylvestris					Е	3.5	2		R: 3.12		S:	Good	Asymmetrical crown distribution due to proximity of companion	20+ yr:
					S	1.5	5				B:	Good	trees.	
					W	1.5	5							
Т099														
Hybrid Black Poplar		22	1	640	Ν	7	7	М	A: 185.3	Good	C:	Fair		B.1.2
Populus x canadensis					Е	7	2		R: 7.68		S:	Good	Detached branch in crown.	20+ yr:
					S	4	4				B:	Good		201)1
					W	4.5	4							
T100														
Hybrid Black Poplar		20	1	570	Ν	10	8	М	A: 147	Fair	C:	Poor		U
Populus x canadensis					Е	2	8		R: 6.84		S:	Poor	Historic loss of half of crown has resulted in dysfunction in the	<10 yrs
					S	4	2				B:	Good	remaining stem at the union of the two remaining primary	10 /1
					W	7	4						branches.	
T101														
Wild Cherry		12	1	260	Ν	6	2	SM	A: 30.6	Good	C:	Fair		C.1
Prunus avium					Е	1.5	2		R: 3.12		S:	Good	Asymmetrical crown distribution due to proximity of dominant	20+ yrs
					S	2	2				B:	Good	adjacent trees.	,
					W	5	2							
T102														
Mountain Ash		5.5	1	230	Ν	2	2	EM	A: 23.9	Fair	C:	Good		C.1
Sorbus aucuparia					Е	1	2		R: 2.75		S:	Good	Lower than normal foliage density throughout crown.	10+ yrs
					S	2	2				B:	Good	Lower than normal rollage density throughout crown.	- /
					W	3	2							
T103														
Crab Apple		11	1	550	Ν	5	4	М	A: 136.9	Good	C:	Good		A.1.2
Malus sylvestris					Е	5	2		R: 6.6		S:	Good	A large, old example the species.	40+ yrs
					S	5	3				B:	Good	A large, ou example the species.	- /
					W	5	4							
Age Classifications:	N	Newly plant	ed	EM Ea	rly Mature		C	ondit	ion: C	Crown			Stems: Ø Diameter	
	Y	Young		M Ma	iture				S	Stem			(Eq) Equivalent stem diameter using BS5837:2012 defini	nition
	SM	Semi-matur	е	OM Ov	er Mature				В	Basal area	a			

Tree and Tag No Species				Stems	Cr			RP	_	<u>.</u>	Preliminary Recommendations		
		Hght (m)	No) Ø (mm)	Spread (m)	Clea (m)		Phys Condition	Structura Condition	•	Cat ERC		
T104													
Hybrid Black Poplar	23	23	1	670	Ν	7	6	М	A: 203.1	Fair	C: Poor		C.1.2
Populus x canadensis					Е	6	3		R: 8.04		S: Fair	Partially detached hanging branches; canker through all	10+ yrs
					S	6	6				B: Good	primary branches.	10 . 110
					W	6	6						
T105													
Common Hornbeam		8	1	290	Ν	5	2 9	SM	A: 38.1	Good	C: Good		B.1
Carpinus betulus					Е	4	2		R: 3.48		S: Fair	No significant features noted.	40+ yrs
					S	5	2				B: Good	No significant reactives noted.	,
					W	5	2						
T106													
Common Hornbeam		8	1	170	Ν	4	2 9	SM	A: 13.1	Good	C: Good		C.1
Carpinus betulus					Е	4	2		R: 2.04		S: Good	No significant features noted.	40+ yrs
					S	4	2				B: Good	No significant reactives noted.	- , -
					W	4	2						
T107													
Small-Leafed Lime		16	1	530	Ν	5	2	EM	A: 127.1	Good	C: Good		A.1
Tilia cordata					Е	5	2		R: 6.36		S: Good	No significant features noted.	40+ yrs
					S	5	2				B: Good	No significant reactives noted.	,
					W	5	2						
T108													
Common Horse Chestnut		11	1	430	Ν	5	2	EM	A: 83.7	Good	C: Good		B.1
Aesculus hippocastanum					Е	4	2		R: 5.16		S: Good	Minor leaf minor moth infestation.	20+ yrs
					S	4	2				B: Fair	Pinor ical minor mour micstation.	
					W	5	2						
T109													
Hybrid Black Poplar		20	1	600	Ν	7	5	М	A: 162.9	Decline	C: Poor		U
Populus x canadensis					Е	7	6		R: 7.2		S: Fair	Very low foliage density throughout crown.	<10 yrs
					S	7	5				B: Good	very low longe density throughout clown.	
					W	7	5						
Age Classifications:	N	Newly plante	ed .	EM Early	Mature		Co	nditi	on: C	Crown		Stems: Ø Diameter	
.go olacomoatorio.	Y	Young		M Matu			00	nand	S S			(Eq) Equivalent stem diameter using BS5837:2012 de	finition
		Semi-mature	•	OM Over					В		a	(-4) -4	
Page 23									TreeN			02 Sant	ember 2020
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Tree and Tag No Species				Stems	(Crown			RP	-	<u>.</u>		Preliminary Recommendations	
		Hght (m)	No) Ø (mm	Sprea I) (m)		lear (m)	Age	A (m²) R (m)	Phys Condition		uctural ndition	-	Cat ERC
T110														
Hybrid Black Poplar		25	1	590	Ν	7	6	М	A: 157.5	Fair	C: G	ood		C.1.2
Populus x canadensis					Е	7	6		R: 7.08		S: G	ood	Lower than normal foliage density throughout crown.	10+ yrs
					S	7	6				B: G	ood		20 . ,
					W	7	6							
T111														
London Plane		8	1	230	Ν	5	2	SM	A: 23.9	Good	C: G	ood		C.1
Platanus x hispanica					Е	1.5	4		R: 2.75		S: G			40+ yrs
· · · · · · · · · · · · · · · · · · ·					S	5.5	4				B: G	ood	Asymmetrical crown distribution due to proximity of dominant adjacent trees.	HUT YIS
					W	5	1.5							
T112														
Hybrid Black Poplar		25	1	570	Ν	7	6	М	A: 147	Fair	C: G	ood		C.1.2
Populus x canadensis					Е	7	6		R: 6.84		S: G	ood	Lower than normal foliage density throughout crown.	10+ yrs
					S	7	6				B: G	ood		10 .)
					W	7	6							
T113														
Hybrid Black Poplar		25	1	720	Ν	7	6	М	A: 234.5	Fair	C: G	ood		C.1.2
Populus x canadensis					Е	7	6		R: 8.63		S: G	ood	Lower than normal foliage density throughout crown;	10+ yrs
					S	7	6				B: P	oor	dysfunction in root plate as seen by wound on north side of	- / -
					W	7	6						base.	
T114														
Norway Maple		12	1	230	Ν	4.5	2	SM	A: 23.9	Good	C: F	air		C.1
Acer platanoides					Е	4	3		R: 2.75		S: G	ood	Asymmetrical crown distribution due to proximity of dominant	40+ yrs
					S	2	3				B: G	ood	adjacent trees.	,
					W	2.5	4							
T115														
Wild Cherry		15	1	510	Ν	6	2	М	A: 117.7	Good	C: F	air		C.1
Prunus avium					Е	3	2		R: 6.12		S: G	ood	Asymmetrical crown distribution due to proximity of companion	10+ yrs
					S	6	5				B: G	ood	tree.	- / -
					W	6	2							
Age Classifications:	N	Newly plant	ted	EM Ea	arly Mature		С	ondit	ion: C	Crown		S	tems: Ø Diameter	
-	Y	Young			ature				S	Stem			(Eq) Equivalent stem diameter using BS5837:2012 defin	nition
	SM	Semi-matur	re	OM OV	/er Mature				В	Basal area				

Tree and Tag No			9	Stems	(Crown			RP	_	-	Preliminary Recommendations	
Species		Hght (m)	No	Ø (mm)	Sprea (m)		lear (m)	Age	A (m²) R (m)	Phys Condition	Structura Conditio	AL	Cat ERC
T116													
Norway Maple		20	1	510	Ν	5	3	М	A: 117.7	Fair	C: Good	See Comment :: Unspecified	B.1
Acer platanoides					Е	5	3		R: 6.12		S: Good	2	20+ yrs
					S	6	5				B: Fair	I wo codominant stems from ground 2m, union tensile in	. , -
					W	6	4					nature; grass clippings have been piled against the stem to 1m; lower than normal foliage density throughout crown. Remove grass clippings from base of tree as this can cause cambium death.	
T117													
Hybrid Black Poplar		20	1	330	Ν	2	6	EM	A: 49.3	Dead	C: Poor		U
Populus x canadensis					Е	2	6		R: 3.96		S: Poor	Dead tree; failed at base and leaning in tree to north.	n/a
					S	2	6				B: Poor		, -
					W	2	6						
T118												Estimated Measu	rements
Field Maple		10	1	320	Ν	4	3	М	A: 46.3	Good	C: Good		B.1.2
Acer campestre					Е	5	3		R: 3.83		S: Good	Off site or boundary tree; grows from west bank of ditch; 4	l0+ yrs
					S W	4 2	3 6				B: Fair	asymmetrical crown distribution due to proximity of companion trees.	io + 910
T119												Estimated Measu	rements
Field Maple		10	2	262 (Eq) N	4	3	М	A: 31	Good	C: Good		B.1.2
Acer campestre					Ē	5	3		R: 3.14		S: Good		l0+ yrs
,					S	4	3				B: Fair	Off site or boundary tree; grows from west bank of ditch; 4 asymmetrical crown distribution due to proximity of companion	iut yis
					W	2	6					trees.	
T120												Estimated Measu	rements
Hybrid Black Poplar		16	1	500	Ν	2.5	8	EM	A: 113.1	Fair	C: Fair		C.1.2
, Populus x canadensis					Е	5	4		R: 6		S: Good	Network, commission device data was a few and the second structure of the seco	.0+ yrs
					S	5	5				B: Fair	Naturally occurring deadwood throughout crown; 1 retrenchment also present locally; base buried by aged grass	.01 y13
					W	4	6					clippings.	
T121												Estimated Measur	rements
English Elm		17	1	420	Ν	4	2	SM	A: 79.8	Good	C: Fair		C.1.2
Ulmus procera					Е	4	2		R: 5.03		S: Good	Officite or boundary treast two codominant stome from 1ms	.0+ yrs
					S	4	2				B: Good	Off site or boundary tree; two codominant stems from 1m; 1 asymmetrical crown distribution due to proximity of dominant	.or y15
					W	1	8					adjacent tree.	
Age Classifications:	Ν	Newly planted	d	EM Early	Mature		C	ondi	t ion: C	Crown		Stems: Ø Diameter	
	Y	Young		M Matur	re				S	Stem		(Eq) Equivalent stem diameter using BS5837:2012 definition	on
	SM	Semi-mature		OM Over	Mature				В	Basal area	а		
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Tree and Tag No		11-64	:	Stems	C	rown			RP	Divers	<u></u>		Preliminary Recommendations	0-1
Species		Hght (m)	No	Ø (mm)	Spread (m)		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structu Conditi		Survey Comment	Cat ERC
T122													Estimated Me	easurement
Common Ash		19	6	612 (E	q) N	5	4	М	A: 169.7	Good	C: Good			B.1.2
Fraxinus excelsior					E	6	3		R: 7.34		S: Good	0	Off site or boundary tree; multiple stems from ground level	20+ yrs
					S	6	4				B: Fair		ommensurate with stump regeneration.	_0 . ,
					W	7	4							
T123													Estimated Me	easurement
Field Maple		13	6	637 (E	q) N	6	2	М	A: 183.5	Good	C: Good			A.1.2
Acer campestre					Ē	6	3		R: 7.64		S: Good		Off site or boundary tree; six codominant stems from base	40+ yrs
					S	6	4				B: Good		ommensurate with stump regeneration.	101 913
					W	6	2					C.	onnicioarate war stamp regeneration.	
T124														
London Plane		13	1	520	Ν	6	1.5	EM	A: 122.3	Good	C: Good			B.1
Platanus x hispanica					Е	6	1.5		R: 6.23		S: Good	0	Open grown tree; no significant features noted.	40+ yrs
					S	6	1.5				B: Good	0	pen grown diee, no significant readiles noted.	,
					W	6	1.5							
T125														
Copper Beech		8	1	400	Ν	4	1	EM	A: 72.4	Good	C: Good			B.1
Fagus sylvatica 'Purpurea'					Е	4	1		R: 4.8		S: Good	0	Open grown tree; no significant features noted.	40+ yrs
					S	4	1				B: Good	0	spen grown a ce, no significant reactics noted.	,
					W	4	1							
T126													Estimated Me	easurement
Field Maple		10	1	600	Ν	5	2	М	A: 162.9	Good	C: Good			A.1.2
Acer campestre					Е	5	22		R: 7.2		S: Good		Officite or boundary troop two intertwined codominant stores	40+ yrs
					S	5	2				B: Good		Off site or boundary tree; two intertwined codominant stems rom 1m.	10 . 910
					W	5	2							
T127														
Norway Maple		8	1	210	Ν	3	2	SM	A: 20	Good	C: Good			B.1
Acer platanoides					Е	3	2		R: 2.52		S: Good	0	Open grown tree; no significant features noted.	40+ yrs
					S	3	2				B: Good	0	pen grown tree, no significant reactives noted.	10 . 110
					W	3	2							
Age Classifications:	N	Newly plante	d	EM Early	y Mature			ondit	ion: C	Crown		Stems:	Ø Diameter	
Age classifications:	N Y	Young	u	M Matu			C	onait	ion: C S			Stems:	(Eq) Equivalent stem diameter using BS5837:2012 de	finition
		Semi-mature		OM Ove					B		2			
	0101	Cemi-mature			Mature						4			
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Tree and Tag No		U-be		Stems		Crowr			RP	Dhure	Chr.	al Preliminary Recommendations	C-+
Species		Hght (m)	No	Ø (mm)	Sprea (m)	d	Clear (m)	Age	A (m²) R (m)	Phys Condition	Structura Conditio	41 · · · ·	Cat ERC
T128													
Common Horse Chestnut		10	1	620	N	6	1.5	EM	A: 173.9	Good	C: Good		B.1
Aesculus hippocastanum					Е	4	1.5		R: 7.44		S: Good	Open grown tree; up-light affixed to base; no significant	40+ yrs
					S	6	1.5				B: Good	features noted.	,
					W	5	1.5						
T129												Estimated Mea	asurements
Field Maple		10	1	600	Ν	5	2	М	A: 162.9	Good	C: Good		A.1.2
Acer campestre					Е	5	22		R: 7.2		S: Good		40+ yrs
					S	5	2				B: Good	Off site or boundary tree; two intertwined codominant stems from 1m.	101 yi 3
					W	5	2						
T130													
Deodar Cedar		22	1	680	Ν	7	2	EM	A: 209.2	Good	C: Fair		B.1.2
Cedrus deodara					Е	5	2		R: 8.16		S: Good	Crown missing from 5-17m on north side due to failed	40+ yrs
					S	5	2				B: Good	branches; up-light affixed to base.	- / -
					W	4	2						
T131												Estimated Mea	asurements
Apple		4.5	1	180	Ν	2.5	2	EM	A: 14.7	Fair	C: Fair		C.1
Malus sp.					Е	2.5	2		R: 2.16		S: Fair	Dysfunction at branch unions.	10+ yrs
					S	2	2				B: Good	Dystanction at branch amons.	,
					W	2	2						
T132												Estimated Mea	asurements
Cherry		5	1	200	Ν	2	1	SM	A: 18.1	Dead	C: Poor		U
Prunus sp.					Е	2	1		R: 2.4		S: Poor	Standing dead tree.	n/a
					S	1.5	1				B: Poor	Standing dead tree.	.,
					W	1.5	1						
T133													
Cherry		12	1	270	Ν	4	2	EM	A: 33	Fair	C: Good		C.1
Prunus sp.					Е	3	2		R: 3.24		S: Good	Lower than normal foliage density throughout crown; west	10+ yrs
					S	2	6				B: Good	growth in contact with dwelling.	20 .).0
					W	3	6						
Age Classifications:	N	Newly plante	h	EM Early	/ Mature			Condi	tion: (C Crown		Stems: Ø Diameter	
Age classifications:	Y	Young	,u	M Matu			,	Jonul		S Stem		(Eq) Equivalent stem diameter using BS5837:2012 defi	nition
	SM	•	•	OM Over						B Basal area	а		
Page 27										Minder		02 Septer	mbor 2020
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Tree and Tag No		Unkt		Stems	(Crown			RP	Dhave	C		Preliminary Recommendations	C-+
Species		Hght (m)	No	Ø (mm)	Sprea (m)		lear m)	Age	A (m²) R (m)	Phys Condition	Structu Conditi		Survey Comment	Cat ERC
T134													Estimated Mea	surement
Common Laburnum		6	3	150 (E	q) N	2	3	SM	A: 10.2	Good	C: Fair			U
Laburnum anagyroides					Е	2	3		R: 1.8		S: Fair		Three codominant stems from base; all unions have partially	<10 yrs
					S	2	3				B: Poor		failed.	- / -
					W	2	3							
T135														
Common Laburnum		7	1	300	Ν	3	2	М	A: 40.7	Good	C: Good			C.1
Laburnum anagyroides					Е	3	2		R: 3.59		S: Good	-	One main stem and two subordinate stems form the scaffold	10+ yrs
					S	3	2				B: Fair		structure; one robust dead branch due to shading.	- , -
					W	3	2						,	
T136														
Cherry		15	1	830	Ν	6	2	OM	A: 311.7	Good	C: Fair			C.1.2
Prunus sp.					Е	6	2		R: 9.96		S: Good	-	Seven codominant stems/branches from crown break at 1.5m;	10+ yrs
					S	6	2				B: Good		eastern stem/branch dysfunctional from stem union for 1m+,	- , -
					W	6	2						when this fails the remaining crown will be subject to altered	
													exposure in the form of torsional loading to adjacent laterals and will likely result in further branch damage.	
T137													Estimated Mea	surement
Apple		5	1	210	Ν	4	2	EM	A: 20	Poor	C: Fair			U
Malus sp.					Е	1.5	2		R: 2.52		S: Poor		Dysfunction in stem with Inonotus hispidus at 300mm from	<10 yrs
					S	2	2				B: Poor		ground level.	
					W	3	2							
T138														
Common Ash		22	1	860	Ν	8.5	2	М	A: 334.6	Fair	C: Poor			C.1.2
Fraxinus excelsior					Е	9	2		R: 10.32		S: Good		Single stem to 11m; two codominant stems from 11m, union	10+ yrs
					S	7.5	4				B: Good		tensile in nature; north stem hollow evidenced by wood pecker	,
					W	8.5	2						holes at 2m and 4m from stem union; south stem has	
													Inonotus hispidus brackets at 5m from union on first two	
													primary branches.	
	NI	Noutralant	ad		(Motors					Crown		04	a Diamatar	
Age Classifications:	N Y	Newly plant Young	ea	EM Early M Matu	y Mature		С	ondit				Stem		vition
		Semi-matur	0	OM Over					S B	Stem Basal area			(Eq) Equivalent stem diameter using BS5837:2012 defin	IIIION
	SIVI	Semi-matur	e		mature						a			
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Tree and Tag No		Usht	:	Stems		Crow	n			RP	Dhave		Charlester	-1	Preliminary Recommendations	C-+
Species		Hght (m)	No	@ (m			Clear (m)	Ag	ge	A (m²) R (m)	Phys Condition		Structur: Conditio		Survey Comment	Cat ERC
T139															Estimated Mea	asurements
Apple		6	1	190	Ν	4	2	2 SN	M A	A: 16.3	Good	C:	: Fair			C.1
Malus sp.					Е	4	2	2	F	R: 2.27		S:	: Good	٨	Asymmetrical crown distribution due to proximity of dominant	10+ yrs
					S	1.5	2	2				B:	: Good		companion trees.	101 915
					W	2.5	2	2						C		
T140															Estimated Mea	asurements
Weeping Willow		15	1	580	Ν	6	З	8 14	1 A	A: 152.2	Dead	C:	: Poor	F	-ell :: Fell and remove stump(s)	U
Salix chrysocoma					Е	8	ç)	F	R: 6.96		S:	: Poor			n/a
					S	4	ç)				B:	: Poor	S	Standing dead tree.	n/ a
					W	4	12	2								
T141																
Weeping Willow		12	1	750	Ν	2	2	2 M	1 A	A: 254.5	Good	C:	: Fair			B.1
Salix chrysocoma					Е	3	2	<u>)</u>	F	R: 9		S:	Good	 L	listorically topped at 6m with regeneration up to 80mm	20+ yrs
					S	4	2	<u>)</u>				B:	: Fair		liameter; necrotic bark at base on south side.	201 915
					W	4	2	2								
T142															Estimated Mea	asurements
Sycamore		21	2	799	(Eq) N	8	3	8 M	1 A	A: 289.1	Good	C:	: Good			A.1.2
Acer pseudoplatanus					Е	7	5	5	F	R: 9.59		S:	Good		Off site or boundary tree; one main stem with two subordinate	40+ yrs
					S	7	4	ł				B:	: Good		items from base; purple variety.	10 / 1.0
					W	7	2	2						-		
T143																
Common Lime		14	1	420	Ν	4	2	2 EN	M A	A: 79.8	Good	C:	: Good			B.1.2
Tilia europaea					Е	5	2	2	F	R: 5.03		S:	: Good		Off site or boundary tree; no significant features noted.	40+ yrs
					S	5	2	<u>)</u>				B:	: Good	C	on site of boundary tree, no significant reatures noted.	10 / 1.0
					W	3	2	2								
T144																
Common Horse Chestnut		15	4	377	(Eq) N	3	3	SN SN	M A	A: 64.5	Good	C:	: Good			B.1.2
Aesculus hippocastanum					Е	3	3	3	F	R: 4.53		S:	: Fair	F	our codominant stems from base commensurate with stump	20+ yrs
					S	3	3	3				B:	: Fair		egeneration; leaf minor moth present.	- / -
					W	3	3	3								
Age Classifications:	N	Newly plante	ed	EM E	Early Mature			Con	ditio	n: C	Crown			Stems:	Ø Diameter	
.go elacemoniono.	Y	Young			Aature			2011		S. S				5.0110.	(Eq) Equivalent stem diameter using BS5837:2012 defir	nition
		Semi-mature)		Over Mature					В	Basal area	а			(1) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
Page 29										TreeN					02 Septen	nber 2020
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Tree and Tag No		Ll-b4		Stems	C	Crown			RP	Dhave	Charles and the same l	Preliminary Recommendations	C-1
Species		Hght (m)	No	Ø (mm)	Sprea (m)		ear m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	Cat ERC
T145													
Common Horse Chestnut		11	2	255 (E	q) N	2	2	SM	A: 29.3	Good	C: Fair		C.1
Aesculus hippocastanum					E	2	2		R: 3.05		S: Good	Two codominant stems from base; asymmetrical crown	20+ yrs
					S	4	2				B: Good	distribution due to proximity of dominant adjacent tree.	201 913
					W	2	2						
T146													
Common Horse Chestnut		22	1	910	Ν	6	5	М	A: 374.7	Good	C: Fair		A.1.2
Aesculus hippocastanum					Е	8	4		R: 10.92		S: Good	Ivy obscures inspection of base, stem and branch unions at	40+ yrs
					S	7	4				B: Good	crown break; primary branch failure on north side at 8m,	,
					W	7	5					270mm diameter stub remains.	
T147													
Common Horse Chestnut		22	1	910	Ν	7	5	М	A: 374.7	Good	C: Fair		A.1.2
Aesculus hippocastanum					Е	7	4		R: 10.92		S: Good	Ivy obscures inspection of base, stem and branch unions at	40+ yrs
					S	7	4				B: Good	crown break; no significant features noted.	- , -
					W	7	5					, ,	
T148												Estimated Mea	asurement
Weeping Willow		20	1	1100	Ν	10	4	М	A: 547.5	Good	C: Not visible		B.1.2
Salix chrysocoma					Е	10	4		R: 13.2		S: Not visible	Access hindered by pond side position; ivy obscures inspection	20+ yrs
					S	8	4				B: Not visible	of base, stem and primary unions from ground level to 12m.	
					W	8	4						
T149												Estimated Mea	asurement
Field Maple		13	1	500	Ν	6	2	М	A: 113.1	Good	C: Not visible		A.1.2
Acer campestre					Е	6	2		R: 6		S: Not visible		40+ yrs
					S	6	2				B: Not visible		- , -
					W	6	4						
T150													
Common Hawthorn		7	1	310	Ν	3	3	М	A: 43.5	Fair	C: Poor		C.1.2
Crataegus monogyna					Е	4.5	3		R: 3.72		S: Good	Boundary tree; wholly engulfed by ivy which obscures	10+ yrs
					S	3	3				B: Fair	inspection of base, stem and all unions from base to apex.	- , -
					W	2	3						
Age Classifications:	N	Newly plante	ed	EM Early	/ Mature		<u> </u>	ondit	ion: C	Crown	64	ems: Ø Diameter	
Age Glassifications:	N Y	Young	eu	M Matu			U	onait	ion: C S		50	(Eq) Equivalent stem diameter using BS5837:2012 defi	nition
		Semi-mature	e	OM Over					B	Basal area	a		
D	CIVI		•		mataro								
Page 30									TreeN	under		02 Septer	mber 2020

Tree and Tag No				Stems	C	rown			RP	DL	Ch	al Preliminary Recommendations Cat
Species		Hght (m)	No	Ø (mr			ear m)	Age	A (m²) R (m)	Phys Condition	Structura Conditio	u
T151												
Weeping Willow		12	1	840	Ν	3	2	М	A: 319.2	Good	C: Fair	B.1.2
Salix chrysocoma					Е	3	2		R: 10.07		S: Good	Historical storm damage resultant loss and tearing of main 20+ yrs
					S	4	2				B: Good	stem at 10m, remainder of tree topped to match; regeneration
					W	5	2					up to 90mm diameter.
T152												
Field Maple		15	3	469	(Eq) N	3	3	М	A: 99.6	Good	C: Good	A.1.2
Acer campestre					Е	3	3		R: 5.63		S: Good	Boundary tree; three codominant stems from 1m 40+ yrs
					S	4	3				B: Good	commensurate with stump regeneration.
					W	4	3					
T153												
Field Maple		15	3	550	(Eq) N	4	3	М	A: 136.8	Good	C: Good	A.1.2
Acer campestre					E	4	3		R: 6.59		S: Good	Boundary tree; three codominant stems from 1m 40+ yrs
					S	4	3				B: Good	commensurate with stump regeneration; third stem 1m from
					W	4	3					other, but likely shares a root system and forms a single aerodynamic crown formation.
T154												Estimated Measurements
Field Maple		6	1	400	Ν	3	3	М	A: 72.4	Dead	C: Poor	U
Acer campestre					Е	3	3		R: 4.8		S: Poor	Standing dead tree wholly engulfed by ivy. n/a
					S	3	3				B: Poor	Standing dead tree wholly enguied by ivy.
					W	3	3					
T155												Estimated Measurements
Field Maple		6	1	400	Ν	3	3	М	A: 72.4	Dead	C: Poor	U
Acer campestre					Е	3	3		R: 4.8		S: Poor	Standing dead tree wholly engulfed by ivy. n/a
					S	3	3				B: Poor	Standing dead tree wholly enguited by hy.
					W	3	3					
T156												Estimated Measurements
Goat Willow		7	2	189	(Eq) N	4	2	SM	A: 16.1	Good	C: Fair	C.1
Salix caprea					E	5	2		R: 2.26		S: Fair	Access to tree hampered by pond. 10+ yrs
					S	3	2				B: Fair	Access to tree nampered by polid.
					W	1	2					
Age Classifications:	N	Newly plante	ed	EM E	arly Mature		C	ondit	ion: C	Crown		Stems: Ø Diameter
Age olassifications.	Y	Young	Ju		lature		U	onuit	S			(Eq) Equivalent stem diameter using BS5837:2012 definition
	SM	-	Э		over Mature				B		a	
Page 31									TreeN			02 September 2020
ayo 01									11661			

Tree and Tag No			:	Stems		Crowr	ı 👘		RP		Ch	Preliminary Recommendations	<u> </u>
Species		Hght (m)	No	Ø (mm)	Spre (m		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	Cat ERC
T157													
Silver Birch		6	1	230	Ν	3.5	2	SM	A: 23.9	Good	C: Good		C.1
Betula pendula					Е	3.5	2		R: 2.75		S: Good	No significant features noted.	20+ yrs
					S	2.5	2				B: Good	No significant reatures noted.	_0 . ,
					W	2	2						
T158													
Silver Birch		12	1	450	Ν	5	3	М	A: 91.6	Good	C: Good		C.1
Betula pendula					Е	5	2		R: 5.39		S: Good	Lower than normal foliage density in upper crown; primary	10+ yrs
					S	4	2				B: Good	branch removed at 2.5m on south side, dysfunction below	10. 910
					W	5	2					pruning wound evidenced by woodpecker activity; up-light affixed to base.	
T159												Estimated Mea	asurement
Common Lime		18	1	600	Ν	5	2	М	A: 162.9	Fair	C: Good		A.1.2
Tilia europaea					Е	5	2		R: 7.2		S: Good		40+ yrs
					S	5	2				B: Not visible	Historically topped at 14m; base not visible for inspection behind basal growth to 1.5m.	101 913
					W	5	2						
T160												Estimated Mea	asurement
Common Lime		18	1	600	Ν	5	2	М	A: 162.9	Fair	C: Good		A.1.2
Tilia europaea					Е	5	2		R: 7.2		S: Good	Historically tanned at 14ms base not visible for inspection	40+ yrs
					S	5	2				B: Not visible	Historically topped at 14m; base not visible for inspection behind basal growth to 1.5m.	101 913
					W	5	2						
T161													
Goat Willow		12	4	345 (E	q) N	3.5	2	EM	A: 53.8	Good	C: Good		C.1
Salix caprea					Е	2.5	2		R: 4.13		S: Fair	Grows from pond edge.	10+ yrs
					S	4	2				B: Fair	crows from point cage.	. , .
					W	3.5	2						
T162													
Weeping Willow		7	1	560	Ν	5	3	М	A: 141.9	Good	C: Not visible		B.1.2
Salix chrysocoma					Е	4	3		R: 6.72		S: Not visible	Ivy wholly obscures inspection of base, stem and unions from	20+ yrs
					S	5	3				B: Not visible	ground level to apex; appears to have been historically topped	,
					W	3	3					at 5m.	
Age Classifications:	N	Newly plant	ed	EM Earl	v Maturo			Condi	tion: C	Crown	644	e ms: Ø Diameter	
Age classifications.	Y	Young	cu	M Mat	-			Jonu	uon. c		316	(Eq) Equivalent stem diameter using BS5837:2012 defi	nition
	SM	-	е	OM Ove					E		Э		
De 112 00	0.01	ee matur	-	2 070	ator o						-		
Page 32									i reel	Minder		02 Septer	nper 2020

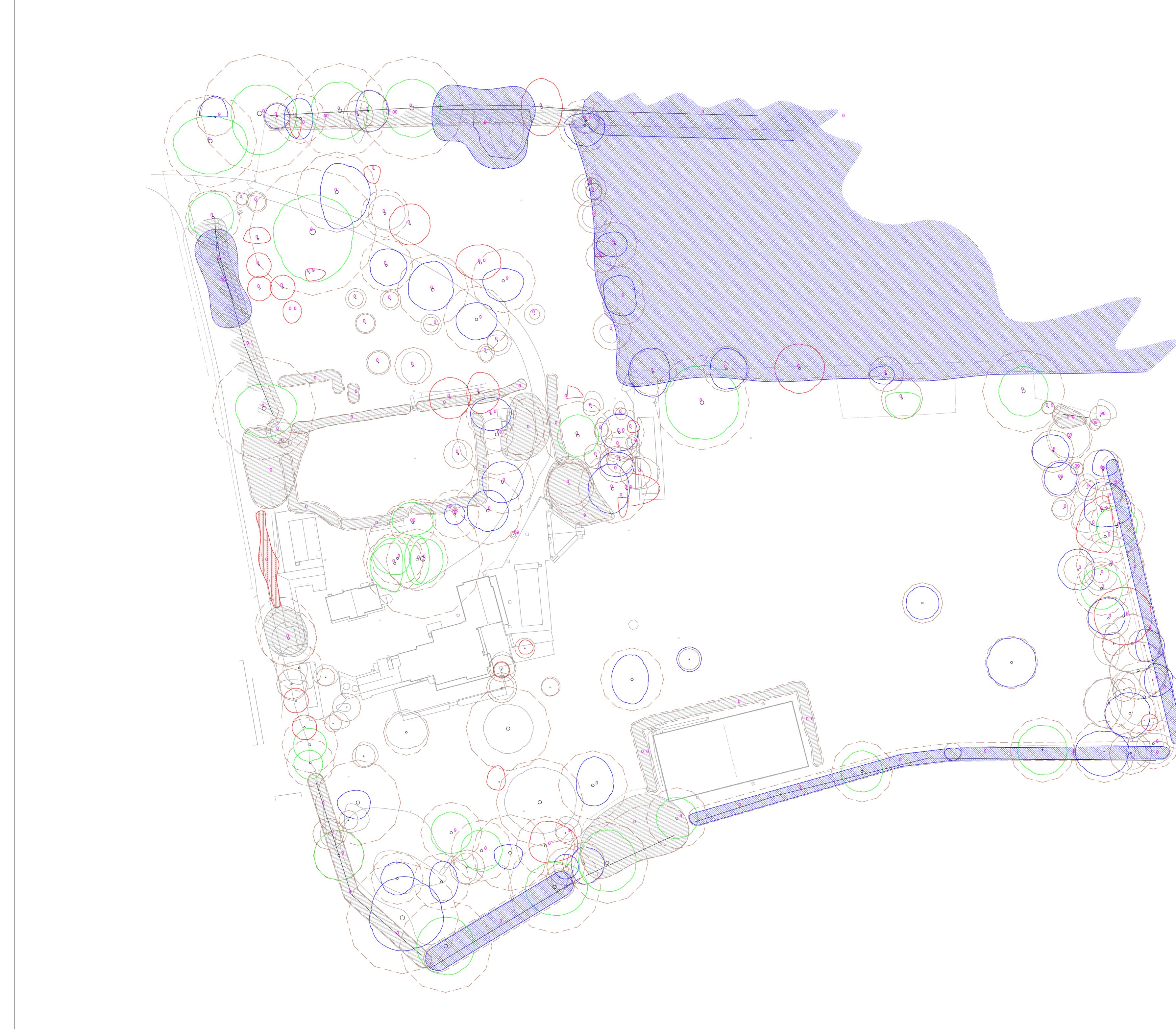
	Usht		Stems					RP	Dkura			Preliminary Recommendations	C-1
	(m)	No) Ø (mm				Age	A (m²) R (m)	Pnys Condition			Survey Comment	Cat ERC
	10	1	510	Ν	4	2	М	A: 117.7	Fair	C:	Good		B.1
				Е	4	2		R: 6.12		S:	Not visible	Twy wholly obscures inspection of base and stem to 2m; less	40+ yrs
				S	4	2				B:	Not visible		,
				W	4	2						throughout crown.	
	6	1	170	Ν	3	2	SM	A: 13.1	Good	C:	Fair		C.1
				Е	4	2		R: 2.04		S:	Good	Asymmetrical crown distribution due to provimity of dominant	20+ yrs
				S	1.5	2				B:	Good		,
				W	1	2							
	6	1	280	Ν	1	2	EM	A: 35.5	Fair	C:	Good		C.1
				Е	1	2		R: 3.36		S:	Fair	Asymmetrical crown distribution due to loss of eastern primary	10+ yrs
				S	1	2				В:	Fair	branch.	,
				W	2.5	2							
	6	1	180	Ν	3	2	EM	A: 14.7	Fair				C.1
				E	3	2		R: 2.16					10+ yrs
										B:	Fair		
				W	3	2							
												Estimated Me	easurement
	7	1	300	Ν	1	3	М	A: 40.7	Fair	C:	Not visible		C.1
				E	4	3		R: 3.59		S:	Fair	Wholly engulfed by ivy: stem in contact with garage at 1 7m	20+ yrs
				S	4	2				В:	Good		
				W	3	3							
												Estimated Me	easurement
	16	1	460	Ν	1.5	2	EM	A: 95.7	Fair	C:	Poor		C.1
				Е	2	2		R: 5.51		S:	Fair	Multiple stems from 1m typical of the species, stem failure on	10+ yrs
				S	4	2				B:	Good		
				W	4	4							
N	Newly plant	ed	EM Ea	rly Mature		С	ondit	ion: C	Crown		Ste	e ms: Ø Diameter	
Y	Young			-								(Eq) Equivalent stem diameter using BS5837:2012 def	finition
	Semi-matur			ver Mature				В	Basal area				
	N	 10 6 6 6 7 16 N Newly plant 	Hght (m) No 10 1 6 1 6 1 6 1 6 1 7 1 16 1 16 1 N Newly planted	Hght (m) No Ø (mm 10 1 510 6 1 170 6 1 280 6 1 280 7 1 300 16 1 460 N Newly planted EM EM	Hght (m) No Ø (mm) Sprea (m) 10 1 510 N 10 1 510 N 6 1 170 N 6 1 170 N 6 1 280 N 6 1 280 N 6 1 180 N 7 1 300 N 16 1 460 N Sw 16 1 460 N N Netssive Sw Sw Sw	Hght (m) No Ø (mm) Spread (m) C 10 1 510 N 4 10 1 510 N 4 6 1 170 N 3 6 1 170 N 3 6 1 280 N 1 6 1 280 N 1 6 1 180 N 3 7 1 300 N 1 7 1 300 N 1 8 4 S 4 S 7 1 300 N 1 8 4 S 4 S 16 1 460 N 1.5 8 4 Y 4 Y	Hight (m) No Ø (mm) Spread (m) Clear (m) 10 1 510 N 4 2 10 1 10 N 3 2 6 1 170 N 3 2 6 1 170 N 3 2 6 1 280 N 1 2 6 1 280 N 1 2 9 2.5 2 2 2 2 1 180 N 3 2 2 7 1 300 N 1 3 16 1 460 N 1.5 2 2 3 3 3 3 3	Hight (m) No Ø (mm) Spread (mm) Clear (m) Age 10 1 510 N 4 2 M 10 1 510 N 4 2 M 10 1 510 N 4 2 M 6 1 170 N 3 2 SM 6 1 170 N 3 2 SM 6 1 280 N 1 2 EM 6 1 280 N 1 2 EM 6 1 180 N 3 2 EM 7 1 300 N 1 3 M 5 4 2 2 W 3 3 7 1 300 N 1 3 M 5 4 2 2 2 W 3 3 <t< td=""><td>Height (m) No Ø (mm) Spread (mm) Clear (m) Age A (m3) R (m) 10 1 510 N 4 2 M A: 117.7 E 4 2 M A: 117.7 E: 6.12 10 1 510 N 4 2 M A: 117.7 E: 4 2 M A: 117.7 E: 4 2 M A: 117.7 E: 5 2 M A: 117.7 E: 4 2 M A: 117.7 E: 2 A A 2 M A: 117.7 E: 2 N 4 2 M A: 117.7 E: 2 A A 2 M A: 13.1 E: 2.04 S S 1 2 S M A: 13.1 E: 2.04 S S 1 2 EM A: 35.5 R: 3.36 S S S 1 2 EM A: 35.5 R: 3.36 S S 2 EM A: 41.7 R: 2.16 S 2 EM A: 40.7 R: 3.59 S 4 2 M A: 40.7 R: 3.55 S A A</td><td>Hight (m) No Ø (mm) Spread (mm) Clear (m) Age A (m) R (m) Phys condition 10 1 510 N 4 2 M A: 117.7 R: 6.12 Fair 10 1 510 N 4 2 M A: 117.7 R: 6.12 Fair 6 1 170 N 3 2 SM A: 13.1 R: 2.04 Good 6 1 170 N 3 2 SM A: 35.5 R: 2.04 Fair 6 1 280 N 1 2 EM A: 35.5 R: 3.36 Fair 6 1 180 N 3 2 EM A: 40.7 R: 2.16 Fair 7 1 300 N 1 3 M A: 40.7 R: 3.59 Fair 16 1 460 N 1.5 S 2 EM A: 95.7 R: 5.51 Fair 16 1 460 N 1.5 S 2</td><td>Hght (m) No Ø Spread (mm) Clear (m) Age A (m) R (m) Phys Condition S 10 1 510 N 4 2 M A: 117.7 Fair C: S: S 4 2 M A: 117.7 Fair C: S: S S: S Fair C: S: S A 2 M A: 13.1 Good C: S: S S: S Fair C: S: S Fair C: S: S S: S S: S S: S Fair C: S: S Fair C: S: S S: S Fair C: S: S Fair C: S: S S: S S: S S: S Fair C: S: S S: S S: S Fair C: S: S S: S <td< td=""><td>Hight (m) No Ø Spread (m) Clear (m) Age A (m3) R (m) Phys Condition Structural Condition 10 1 510 N 4 2 M A: 117.7 R: 6.12 Fair C: Good S: Not visible B: Not visible 6 1 170 N 3 2 SM A: 13.1 R: 2.04 Good C: Fair S: Good B: Good 6 1 170 N 3 2 SM A: 13.1 R: 2.04 Good C: Fair S: Good B: Good 6 1 280 N 1 2 EM A: 35.5 R: 3.36 Fair C: Good S: Fair B: Fair 6 1 280 N 1 2 EM A: 35.5 R: 3.36 Fair C: Fair S: Good 7 1 300 N 1 3 M A: 40.7 R: 3.59 Fair C: Not visible B: Fair 7 1 300 N 1.5 2 EM A: 95.7 R: 5.51 Fair C: Not visible S: Fair B: Good</td><td>Hight (m) No 6 N 9 Age (mm) A(m) (m) Phys (m) Structural Condition Prediminary seconmental Condition Prediminary seconmental Survey Comment 10 1 510 N 4 2 M A: 117.7 Fair C: Good Structural Try wholy obscures inspection of base and stem to 2m; less dense by to apex; lower than normal foliage density throughout crown. 6 1 170 N 3 2 SM A: 13.1 Good C: Fair S: Good </td></td<></td></t<>	Height (m) No Ø (mm) Spread (mm) Clear (m) Age A (m3) R (m) 10 1 510 N 4 2 M A: 117.7 E 4 2 M A: 117.7 E: 6.12 10 1 510 N 4 2 M A: 117.7 E: 4 2 M A: 117.7 E: 4 2 M A: 117.7 E: 5 2 M A: 117.7 E: 4 2 M A: 117.7 E: 2 A A 2 M A: 117.7 E: 2 N 4 2 M A: 117.7 E: 2 A A 2 M A: 13.1 E: 2.04 S S 1 2 S M A: 13.1 E: 2.04 S S 1 2 EM A: 35.5 R: 3.36 S S S 1 2 EM A: 35.5 R: 3.36 S S 2 EM A: 41.7 R: 2.16 S 2 EM A: 40.7 R: 3.59 S 4 2 M A: 40.7 R: 3.55 S A A	Hight (m) No Ø (mm) Spread (mm) Clear (m) Age A (m) R (m) Phys condition 10 1 510 N 4 2 M A: 117.7 R: 6.12 Fair 10 1 510 N 4 2 M A: 117.7 R: 6.12 Fair 6 1 170 N 3 2 SM A: 13.1 R: 2.04 Good 6 1 170 N 3 2 SM A: 35.5 R: 2.04 Fair 6 1 280 N 1 2 EM A: 35.5 R: 3.36 Fair 6 1 180 N 3 2 EM A: 40.7 R: 2.16 Fair 7 1 300 N 1 3 M A: 40.7 R: 3.59 Fair 16 1 460 N 1.5 S 2 EM A: 95.7 R: 5.51 Fair 16 1 460 N 1.5 S 2	Hght (m) No Ø Spread (mm) Clear (m) Age A (m) R (m) Phys Condition S 10 1 510 N 4 2 M A: 117.7 Fair C: S: S 4 2 M A: 117.7 Fair C: S: S S: S Fair C: S: S A 2 M A: 13.1 Good C: S: S S: S Fair C: S: S Fair C: S: S S: S S: S S: S Fair C: S: S Fair C: S: S S: S Fair C: S: S Fair C: S: S S: S S: S S: S Fair C: S: S S: S S: S Fair C: S: S S: S S: S <td< td=""><td>Hight (m) No Ø Spread (m) Clear (m) Age A (m3) R (m) Phys Condition Structural Condition 10 1 510 N 4 2 M A: 117.7 R: 6.12 Fair C: Good S: Not visible B: Not visible 6 1 170 N 3 2 SM A: 13.1 R: 2.04 Good C: Fair S: Good B: Good 6 1 170 N 3 2 SM A: 13.1 R: 2.04 Good C: Fair S: Good B: Good 6 1 280 N 1 2 EM A: 35.5 R: 3.36 Fair C: Good S: Fair B: Fair 6 1 280 N 1 2 EM A: 35.5 R: 3.36 Fair C: Fair S: Good 7 1 300 N 1 3 M A: 40.7 R: 3.59 Fair C: Not visible B: Fair 7 1 300 N 1.5 2 EM A: 95.7 R: 5.51 Fair C: Not visible S: Fair B: Good</td><td>Hight (m) No 6 N 9 Age (mm) A(m) (m) Phys (m) Structural Condition Prediminary seconmental Condition Prediminary seconmental Survey Comment 10 1 510 N 4 2 M A: 117.7 Fair C: Good Structural Try wholy obscures inspection of base and stem to 2m; less dense by to apex; lower than normal foliage density throughout crown. 6 1 170 N 3 2 SM A: 13.1 Good C: Fair S: Good </td></td<>	Hight (m) No Ø Spread (m) Clear (m) Age A (m3) R (m) Phys Condition Structural Condition 10 1 510 N 4 2 M A: 117.7 R: 6.12 Fair C: Good S: Not visible B: Not visible 6 1 170 N 3 2 SM A: 13.1 R: 2.04 Good C: Fair S: Good B: Good 6 1 170 N 3 2 SM A: 13.1 R: 2.04 Good C: Fair S: Good B: Good 6 1 280 N 1 2 EM A: 35.5 R: 3.36 Fair C: Good S: Fair B: Fair 6 1 280 N 1 2 EM A: 35.5 R: 3.36 Fair C: Fair S: Good 7 1 300 N 1 3 M A: 40.7 R: 3.59 Fair C: Not visible B: Fair 7 1 300 N 1.5 2 EM A: 95.7 R: 5.51 Fair C: Not visible S: Fair B: Good	Hight (m) No 6 N 9 Age (mm) A(m) (m) Phys (m) Structural Condition Prediminary seconmental Condition Prediminary seconmental Survey Comment 10 1 510 N 4 2 M A: 117.7 Fair C: Good Structural Try wholy obscures inspection of base and stem to 2m; less dense by to apex; lower than normal foliage density throughout crown. 6 1 170 N 3 2 SM A: 13.1 Good C: Fair S: Good

Tree and Tag No	11-64	St	ems	Cr	own			RP	Disco	Charles I.	Preliminary Recommendations	0-1
Species	Hght (m)	No	Ø (mm)	Spread (m)	Clea (m)	-	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	Cat ERC
W001											Estimated Mea	asurements
Various	8	1	200	Ν	3	2	EM	A: 18.1	Good	C: Good		B.2.3
See comments for details				Е	3	2		R: 2.4		S: Good	A woodland group planted approximately 30years ago; the	40+ yrs
				S	3	2				B: Good	woodland is in two layers, the dimensions recorded are of the	- , -
				W	3	2					understory layer which includes field maple, elder, Prunus spp., cherry laurel; the upper storey is Scots pine, Austrian pine and larch, these are up to 20m and 350mm diameter, but are away from the woodland edge.	

Age Classifications:	Ν	Newly planted	EM	Early Mature	Condition:	С	Crown	Stems:	Ø	Diameter
	Y	Young	Μ	Mature		S	Stem		(Eq)	Equivalent stem diameter using BS5837:2012 definition
	SM	Semi-mature	OM	Over Mature		В	Basal area			

ARBTECH

Appendix 3: Tree Constraints Plan





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