

BS5837:2012 Tree Survey

Connick Tree Consultancy

Client: Parker Dann
 Project: Buckingham Park School
 Survey Date: 04/12/2023
 Surveyor: Mark Haddock

New Pond Farm
 Woodhatch Road
 Reigate
 Surrey
 RH2 7QH
 Phone: 01737 779 191

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations Survey Comment	Cat ERC	
		No	Ø (mm)	Spread (m)	Clear (m)							
G2 Jo										Estimated Measurements		
A Group	3.5	1	80	N	0.2		A: 2.9	Good	C: Good		C	
--				E	0.2		R: 0.96		S: Good	Group of trees all young or newly planted, all 30-80mm stem diameter. Consisting of 4 Pear (likely Chanticleer), 7 Hornbeam.	>40 yrs	
				S	0.2				B: Good			
				W	0.2							
G10										Estimated Measurements		
A Group	4	1	70				A: 2.2	Good	C: Fair	No action :: Unspecified	C	
--							R: 0.83		S: Good	Group of 5 young Hornbeam fastigate max stem diameter 70mm. Not required to be plotted, included for completeness.	>40 yrs	
									B: Good			
G13										Estimated Measurements		
A Group	3.5	1	50				A: 1.1	Good	C: Good		C	
--							R: 0.59		S: Good	Group of young Cherry all stems below 50mm dia. Not required to be plotted.	>40 yrs	
									B: Good			
G14										Estimated Measurements		
A Group	3	1	90				A: 3.7	Good	C: Good	No action :: Unspecified	C	
--							R: 1.08		S: Good	Young Orchard area. Consisting of 11 trees, Orchard edge plotted on GPS	>40 yrs	
									B: Good			
Age Classifications:	N	Newly planted	EM	Early Mature			Condition:	C	Crown	Stems:	Ø	Diameter
	Y	Young	M	Mature				S	Stem		(Eq)	Equivalent stem diameter using BS5837:2012 definition
	SM	Semi-mature	OM	Over Mature				B	Basal area	ERC:		Estimated Remaining Contributio

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Estimated Measurements													
G30													
A Group	14	1	430	N	6	4	SM	A: 83.7	Fair	C: Good	No action :: Unspecified	B	
--				E	6	4		R: 5.16		S: Good		>40 yrs	
				S	5	4				B: Good	Group of 16 trees, Ash and Field Maple, largest stem diameter plotted and position of group recorded on GPS with RPA replicated		
				W	6	4							
Estimated Measurements													
T1 No													
Lombardy Poplar	4.5	1	103	N	0.5	3	Y	A: 4.8	Good	C: Good	No action :: Unspecified	C	
<i>Populus nigra 'Italica'</i>				E	0.75	1.5		R: 1.23		S: Good		>40 yrs	
				S	0.5	1.5				B: Good	Located tight to boundary fence to north of young group of Beech, Chanticleer Pear		
				W	0.6	1.5							
Estimated Measurements													
T3													
Cider Gum	3.2	1	110	N	1.5	2	Y	A: 5.5	Good	C: Good	No action :: Unspecified	C	
<i>Eucalyptus gunnii</i>				E	1.5	2		R: 1.32		S: Fair		>40 yrs	
				S	1.5	2				B: Good			
				W	1.5	2							
Estimated Measurements													
T4													
Crack Willow	5.5	1	125	N	2.5	2	Y	A: 7.1	Good	C: Good	No action :: Unspecified	C	
<i>Salix fragilis</i>				E	2.5	1		R: 1.5		S: Good		>40 yrs	
				S	2.5	1.5				B: Good			
				W	2.7	1.6							
Estimated Measurements													
T5													
Sweet Chestnut	5.8	1	256	N	3	2.5	Y	A: 29.7	Good	C: Good	No action :: Unspecified	B	
<i>Castanea sativa</i>				E	3	2.5		R: 3.07		S: Good		>40 yrs	
				S	3	2.5				B: Good			
				W	3	2.5							
Estimated Measurements													
T6													
Sycamore	8	3	509 (Eq)	N	2	3	Y	A: 117	Fair	C: Fair	No action :: Unspecified	B	
<i>Acer pseudoplatanus</i>				E	3	4		R: 6.1		S: Fair		>40 yrs	
				S	2	2.5				B: Good	Lopped and topped at 7mH with resultant prolific epicormic growth		
				W	2	4							
Age Classifications:	N	Newly planted	EM	Early Mature	Condition:			C	Crown	Stems:		Ø	Diameter
	Y	Young	M	Mature				S	Stem			(Eq)	Equivalent stem diameter using BS5837:2012 definition
	SM	Semi-mature	OM	Over Mature				B	Basal area	ERC:			Estimated Remaining Contributio

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		No	Ø (mm)	Spread (m)	Clear (m)							
Estimated Measurements												
T7 Silver Birch <i>Betula pendula</i>	8.5	1	456	N	4	6.5	M	A: 94.1 R: 5.47	Good	C: Good S: Good B: Good	No action :: Unspecified >40 yrs	
Estimated Measurements												
T8 Silver Birch <i>Betula pendula</i>	8.5	3	517 (Eq)	N	4	5	M	A: 120.9 R: 6.2	Good	C: Good S: Good B: Good	No action :: Unspecified Planted within rubber play surfaced area 10 to 20 yrs	
Estimated Measurements												
T9 Weeping Willow <i>Salix chrysocoma</i>	8.5	1	715	N	5.5	2	M	A: 231.3 R: 8.58	Good	C: Fair S: Good B: Good	No action :: Unspecified >40 yrs	
Estimated Measurements												
T11 Hornbeam 'Fastigiata' <i>Carpinus betulus 'Fastigiata'</i>	4	1	100	N	0.6	2	Y	A: 4.5 R: 1.19	Good	C: Good S: Good B: Good	No action :: Unspecified >40 yrs	
Estimated Measurements												
T12 Hornbeam 'Fastigiata' <i>Carpinus betulus 'Fastigiata'</i>	4	1	100	N	0.6	2	Y	A: 4.5 R: 1.19	Good	C: Good S: Good B: Good	No action :: Unspecified >40 yrs	
Estimated Measurements												
T15 Norway Maple <i>Acer platanoides</i>	7	1	378	N	7	2	SM	A: 64.6 R: 4.53	Good	C: Good S: Good B: Good	No action :: Unspecified >40 yrs	
Age Classifications:	N	Newly planted	EM	Early Mature	Condition:			C	Crown	Stems:	Ø	Diameter
	Y	Young	M	Mature				S	Stem		(Eq)	Equivalent stem diameter using BS5837:2012 definition
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		No	Ø (mm)	Spread (m)	Clear (m)								
T16										Estimated Measurements			
Silver Birch <i>Betula pendula</i>	4.5	1	180	N	0.5	3	Y	A: 14.7 R: 2.16	Good	C: Fair S: Fair B: Fair	No action :: Unspecified	C <10 yrs	
				E	2	3							
				S	262	1.5							
				W	1	1.7							
T17											Estimated Measurements		
Snow Gum <i>Eucalyptus niphophila</i>	12	1	802	N	11.5	2.5	SM	A: 291 R: 9.62	Good	C: Good S: Good B: Good	No action :: Unspecified	B >40 yrs	
				E	11	4							
				S	9	4							
				W	7	6.5							
T18											Estimated Measurements		
Norway Maple <i>Acer platanoides</i>	8.2	1	368	N	5.5	3	Y	A: 61.3 R: 4.41	Good	C: Good S: Good B: Good	No action :: Unspecified	B >40 yrs	
				E	4.5	3.5							
				S	3	4.5							
				W	4.5	5							
T19											Estimated Measurements		
Prunus 'Kanzan' <i>Prunus 'Kanzan'</i>	6.5	1	388	N	6	2	M	A: 68.1 R: 4.65	Good	C: Good S: Good B: Good	No action :: Unspecified	B 10 to 20 yrs	
				E	3	3.5							
				S	6	4							
				W	5.5	3							
T20											Estimated Measurements		
Mountain Ash <i>Sorbus aucuparia</i>	6.7	4	148 (Eq)	N	2	3	SM	A: 10 R: 1.78	Fair	C: Fair S: Poor B: Fair	No action :: Unspecified	C <10 yrs	
				E	1.5	4							
				S	1	4							
				W	2	4							
T21											Estimated Measurements		
Sweetgum <i>Liquidamber styraciflua</i>	8	1	430	N	6	3	SM	A: 83.7 R: 5.16	Good	C: Good S: Good B: Good	No action :: Unspecified	B >40 yrs	
				E	6	3							
				S	5	3							
				W	6.5	5							
Age Classifications:	N	Newly planted	EM	Early Mature				Condition:	C	Crown	Stems:	Ø	Diameter
	Y	Young	M	Mature					S	Stem		(Eq)	Equivalent stem diameter using BS5837:2012 definition
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		No	Ø (mm)	Spread (m)	Clear (m)								
T22										Estimated Measurements			
Sargent Cherry <i>Prunus sargentii</i>	6.5	1	142	N	4	3	SM	A: 9.1 R: 1.7	Fair	C: Fair S: Fair B: Fair	No action :: Unspecified	C 20 to 40 yrs	
T23											Estimated Measurements		
Sweetgum <i>Liquidamber styraciflua</i>	5	1	352	N	8	3	SM	A: 56.1 R: 4.22	Fair	C: Poor S: Poor B: Good	No action :: Unspecified Reduced to 6mH without further crown reduction, leavong poor form.	C 10 to 20 yrs	
T24											Estimated Measurements		
Prunus 'Kanzan' <i>Prunus 'Kanzan'</i>	7	1	416	N	5	4.5	M	A: 78.3 R: 4.99	Good	C: Fair S: Good B: Good	No action :: Unspecified	B 10 to 20 yrs	
T25											Estimated Measurements		
Bird Cherry <i>Prunus padus</i>	3.5	1	97	N	1.5	2	Y	A: 4.3 R: 1.16	Good	C: Good S: Good B: Good	No action :: Unspecified	C >40 yrs	
T26											Estimated Measurements		
Silver Birch <i>Betula pendula</i>	6	3	128 (Eq)	N	1.5	2	Y	A: 7.5 R: 1.54	Good	C: Good S: Good B: Good	No action :: Unspecified	C >40 yrs	
T27											Estimated Measurements		
Field Maple <i>Acer campestre</i>	4.5	1	111	N	1.5	1.7	Y	A: 5.6 R: 1.33	Good	C: Good S: Good B: Good	No action :: Unspecified	C >40 yrs	
Age Classifications:	N	Newly planted	EM	Early Mature	Condition:			C	Crown	Stems:		Ø	Diameter
	Y	Young	M	Mature				S	Stem			(Eq)	Equivalent stem diameter using BS5837:2012 definition
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		No	Ø (mm)	Spread (m)	Clear (m)								
T28										Estimated Measurements			
Field Maple <i>Acer campestre</i>	4.5	1	111	N	1.5	1.7	Y	A: 5.6 R: 1.33	Good	C: Good S: Good B: Good	No action :: Unspecified ----- >40 yrs	C	
T29										Estimated Measurements			
Field Maple <i>Acer campestre</i>	13	1	415	N	7	3	SM	A: 77.9 R: 4.97	Good	C: Good S: Good B: Good	No action :: Unspecified ----- >40 yrs	B	
T32										Estimated Measurements			
Common Ash <i>Fraxinus excelsior</i>	13	1	555	N	7	7	SM	A: 139.4 R: 6.66	Good	C: Good S: Fair B: Good	No action :: Unspecified ----- Within woodland area, nearest tree to location of temporary path.	B 20 to 40 yrs	
T33										Estimated Measurements			
Goat Willow <i>Salix caprea</i>	12	1	412	N	5	2.5	M	A: 76.8 R: 4.94	Good	C: Good S: Good B: Good	No action :: Unspecified ----- Within woodland area, nearest tree to location of temporary path.	B 10 to 20 yrs	
T34										Estimated Measurements			
Common Oak <i>Quercus robur</i>	14	1	328	N	7	8	Y	A: 48.7 R: 3.93	Good	C: Good S: Good B: Good	No action :: Unspecified ----- Within woodland area, nearest tree to location of temporary path.	B >40 yrs	
T35										Estimated Measurements			
Goat Willow <i>Salix caprea</i>	13	1	330	N	2.5	11	M	A: 49.3 R: 3.96	Poor	C: Fair S: Poor B: Poor	Fell :: Fell to ground level ----- Significant decay innstem ground level to 2mH. Probed with steel inspection rod should be considered unsafe tpfor location as high target risk.	U <10 yrs	
Age Classifications:	N	Newly planted	EM	Early Mature	Condition:			C	Crown	Stems:		Ø	Diameter
	Y	Young	M	Mature				S	Stem			(Eq)	Equivalent stem diameter using BS5837:2012 definition
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		No	Ø (mm)	Spread (m)	Clear (m)								
T36										Estimated Measurements			
Sycamore <i>Acer pseudoplatanus</i>	14.5	1	370	N	7	5.5	Y	A: 61.9 R: 4.43	Good	C: Good S: Good B: Good	No action :: Unspecified Within woodland area, nearest tree to location of temporary path.	B >40 yrs	
T37										Estimated Measurements			
Sweet Chestnut <i>Castanea sativa</i>	14	1	578	N	4	4	Y	A: 151.2 R: 6.93	Good	C: Good S: Good B: Good	No action :: Unspecified Within woodland area, nearest tree to location of temporary path.	B >40 yrs	
T38										Estimated Measurements			
Sycamore <i>Acer pseudoplatanus</i>	13	1	347	N	4.5	9	Y	A: 54.5 R: 4.16	Fair	C: Poor S: Good B: Good	No action :: Unspecified Crown is sparse and possibly in decline	C <10 yrs	
T39										Estimated Measurements			
Sweet Chestnut <i>Castanea sativa</i>	14	1	405	N	3	13	Y	A: 74.2 R: 4.85	Good	C: Good S: Ivy B: Good	No action :: Unspecified Within woodland area, nearest tree to location of temporary path.	B >40 yrs	
T40										Estimated Measurements			
Field Maple <i>Acer campestre</i>	13	1	500	N	3.5	9	SM	A: 113.1 R: 6	Good	C: Fair S: Ivy B: Fair	No action :: Unspecified Within woodland area, nearest tree to location of temporary path.	B >40 yrs	
T41										Estimated Measurements			
Field Maple <i>Acer campestre</i>	13	1	500	N	3.5	9	SM	A: 113.1 R: 6	Good	C: Fair S: Ivy B: Fair	No action :: Unspecified Within woodland area, nearest tree to location of temporary path.	B >40 yrs	
Age Classifications:	N	Newly planted	EM	Early Mature				Condition:	C	Crown	Stems:	Ø	Diameter
	Y	Young	M	Mature					S	Stem		(Eq)	Equivalent stem diameter using BS5837:2012 definition
	SM	Semi-mature	OM	Over Mature					B	Basal area	ERC:		Estimated Remaining Contributio