BS5837:2012 Tree Survey

Client: LDA Design

Project: Canalside Gardens

Survey Date: 04/10/2019 Surveyor: Paul Roberts

Connick Tree Consultancy

New Pond Farm Woodhatch Road

Reigate Surrey RH2 7QH

Phone: 01737 779 191

Tree and Tag No		Uabt		Stems		Crown			RP	Phys	Structural	Preliminary Recommendations	Cat
Species		Hght (m)	No	Ø (mm)	Sprea (m)		Clear (m)	Age	A (m²) R (m)	Condition	Condition	Survey Comment	ERC
G10													
Common Hawthorn		5	1	90	N	2	1	Υ	A: 3.7	Fair	C: Fair		C.2
Crataegus monogyna					Е	2	1		R: 1.08		S: Fair	A group of 3 specimen which appear to have been historically	20 to 40
					S	2	1				B: Fair	managed as a hedge.	yrs
					W	2	1						
T1													
Crack Willow		9	4	902 (Eq) N	5	1.5	М	A: 367.8	Good	C: Fair		C.1.2
Salix fragilis					Е	3	1.5		R: 10.82		S: Fair	Four stems from base which have all been significantly	20 to 40
					S	3	1.5				B: Fair	reduced to main stems 50 a height of approximately 4m with	yrs
					W	4	2					the most northern stem reduced to 2m. New crown reestablished.	
T2													
Silver Birch		6	2	125 (Eq) N	0.5	1.5	Υ	A: 7.1	Good	C: Fair		C.1.2
Betula pendula					Е	2	1.5		R: 1.5		S: Fair	Two stems from base with eastern stem being the dominant.	20 to 40
					S	2	1.5				B: Good	Eastern stem has dogleg at around 1m. Crown suppressed to	yrs
					W	2	1.5					north by adjacent willow.	
T3													
Sycamore		17	3	713 (Eq) N	7	5	SM	A: 230.2	Good	C: Good		B.1.2
Acer pseudoplatanus					Е	5	5		R: 8.56		S: Good	Triple stemmed from base. Most prominent specimen in	>40 yrs
					S	5	4				B: Fair	development area.	
					W	6	5						
Age Classifications:	N	Newly plan	ted	EM Early	Mature			Condit	ion: C	Crown		Stems: Ø Diameter	
Age Classifications:	Y	Young	ieu	M Matu			,	Jonati	ion: C S	Stem		(Eg) Equivalent stem diameter using BS5837:2012 de	finition
		Semi-matu	re	OM Over					В	Basal are	a	ERC: Estimated Remaining Contributio	

Tree and Tag No	Hght	S	Stems		Crown			RP	Dhyc	Structural	Preliminary Recommendations	Cat
Species	(m)	No	Ø (mm)	Spread (m)		Clear (m)	Age	A (m²) R (m)	Phys Condition		Survey Comment	ERC
T4												
Goat Willow	12	3	323 (Ed) N	1.5	4	SM	A: 47.3	Fair	C: Fair		С
Salix caprea				Е	4	3		R: 3.88		S: Ivy	Self-set specimen which us multi-stemmed from base. Ivy on	10 to 20
				S	5	2				B: Fair	the two eastern stems.	yrs
				W	2	10					are two castern sterns.	•
T5												
Sycamore	15	4	502 (Ed) N	4	5	SM	A: 113.9	Good	C: Fair		C.1.2
Acer pseudoplatanus				Ε	1	10		R: 6.02		S: Ivy	Self-set specimen growing up adjacent to perimeter fencing.	10 to 20
				S	5	5				B: Fair	Crown suppressed to west by adjacent specimen.	yrs
				W	5	5						
Т6												
Sycamore	15	2	316 (Ed) N	3	3	Υ	A: 45.2	Good	C: Fair		C.1.2
Acer pseudoplatanus				Ε	4	3		R: 3.79		S: Ivy	Self-set specimen with suppressed crown to west due to	10 to 20
				S	3	3				B: Fair	adjacent specimen.	yrs
				W	1	10						
Т7												
Sycamore	9	4	156 (Ed) N	0.5	11	Υ	A: 10.9	Good	C: Fair		C.1
Acer pseudoplatanus				Ε	1.5	3		R: 1.86		S: Fair	Self-set specimen located along western perimeter. 4 stems	10 to 20
				S	3	3				B: Fair	from base.	yrs
				W	2	3						
Т8												
Sycamore	11	3	326 (Ed) N	2	3	Υ	A: 48.1	Good	C: Fair		C.1
Acer pseudoplatanus				Ε	2	3		R: 3.91		S: Ivy	Self-set specimen located along western perimeter. Three	10 to 20
				S	1.5	3				B: Fair	stems from base.	yrs
				W	2.5	3						
Т9												
Sycamore	9	1	200	Ν	1.5	3	Υ	A: 18.1	Good	C: Fair		C.1
Acer pseudoplatanus				Ε	2	3		R: 2.4		S: Ivy	Located along western perimeter adjacent to boundary wall.	10 to 20
				S	1	3				B: Fair	Located along Western perimeter adjacent to boundary Walli	yrs
				W	1	3						
Age Classifications:	N Newly plant	ed	-	Matu	re		Condi				Stems: Ø Diameter	
	Y Young		M Matu					S			(Eq) Equivalent stem diameter using BS5837:2012 de	efinition
:	SM Semi-matur	e	OM Over	Matur	re			В	Basal are	а	ERC: Estimated Remaining Contributio	

Tree and Tag No		laht	S	Stems		Crown			RP	Dhys	Structural	Preliminary Recommendations	Cat
Species		Hght (m)		Ø (mm)	Spread (m)		Clear (m)	Age	A (m²) R (m)	Phys Condition	Condition	Survey Comment	
T11													
Goat Willow		7	1	450	N	6	2	SM	A: 91.6	Good	C: Fair		C.1.2
Salix caprea					Ε	6	2		R: 5.39		S: Fair	Located along western perimeter. Tree has fallen and new re-	10 to 20
					S	0.5	1.5				B: Poor	growth has formed. Damage as base of original stem.	yrs
					W	5	3						
T12													
Sycamore		8	1	290	Ν	4	3	Υ	A: 38.1	Fair	C: Fair		U
Acer pseudoplatanus					Е	4	3		R: 3.48		S: Ivy	Located along western perimeter. Root damage on south	<10 yrs
					S	2	3				B: Fair	western side due to new development. Dense ivy on stem.	
					W	2	3						
T13													
Sycamore		14	1	170	Ν	0.5	9	Υ	A: 13.1	Fair	C: Poor		U
Acer pseudoplatanus					Е	2	4		R: 2.04		S: Ivy	Self-set specimen located along western perimeter. Root	<10 yrs
					S	3	4				B: Poor	damage to south likely due to new development. Crown	
					W	3	4					suppressed by adjacent specimen.	
T14													
Sycamore		4	1	120	N	1	3	Υ	A: 6.5	Good	C: Fair		C.1
Acer pseudoplatanus					Е	2	3		R: 1.43		S: Ivy	Self-set specimen growing up on edge of canal bank. Dense	10 to 20
					S	1	3				B: Fair	ivy on stem and crown suppressed by adjacent specimen.	yrs
					W	1	3						
T15													
Sycamore		14	1	320	N	3	2	Υ	A: 46.3	Good	C: Good	No action :: Unspecified	C.1.2
Acer pseudoplatanus					Е	3	2		R: 3.83		S: Ivy	Colf ast angines leasted between and bank and navinester	20 to 40
					S	4	2				B: Fair	Self-set specimen located between canal bank and perimeter wall. Dense ivy around base and up stem	yrs
					W	3	2					Wall Belbe ity around base and up stell	
T16													
Common Hornbeam		2	1	65	N	0.5	0.25	N	A: 1.9	Fair	C: Fair		C.2
Carpinus betulus					Е	0.5	0.25		R: 0.77		S: Fair	Newly planted tree which is heavily clipped and manged as a	20 to 40
					S	0.5	0.25				B: Fair	bush.	yrs
					W	0.5	0.25						
Age Classifications:		y plant			Matur	e	C	ondit				Stems: Ø Diameter	£! !4! -
	Y Youn	•		M Matu					S			(Eq) Equivalent stem diameter using BS5837:2012 de	etinition
	SM Semi	ı-matur	е (OM Over	iviature	Е			В	Basal are	а	ERC: Estimated Remaining Contributio	

Tree and Tag No	11-1-4	Stems No Ø (mm)		Crown			RP	DI	Ct	Preliminary Recommendations	Cat	
Species	Hght (m)			•		Clear (m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	
T17												
Common Hornbeam	2	1	70	N	0.5	0.25	Ν	A: 2.2	Dead	C: Poor		U
Carpinus betulus				Ε	0.5	0.25		R: 0.83		S: Fair	Newly planted tree which is heavily clipped and manged as a	n/a
				S	0.5	0.25				B: Fair	bush and has died.	11, 4
				W	0.5	0.25					Sash and has diedi	

ĺ	Age Classifications:	N	Newly planted	EM	Early Mature	Condition:	С	Crown	Stems:	Ø	Diameter
		Υ	Young	M	Mature		S	Stem		(Eq)	Equivalent stem diameter using BS5837:2012 definition
		SM	Semi-mature	OM	Over Mature		В	Basal area	ERC:	Esti	mated Remaining Contributio