BS5837:2012 Tree Survey

Connick Tree Consultancy
New Pond Farm
Woodhatch Road
Reigate
Surrey
RH2 7QH
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Client: Parker Dann
Project: St Nicholas & St Mary's School
Survey Date: 24/05/2023
Surveyor: Mark Haddock

Tree and Tag No / Species	Hght (m)	Stems No	Stems Ø (mm)	Crown Spread (m)	Crown Clear (m)	Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations / Survey Comment	Cat ERC
G1										Estimated Measurements	
A Group	4	1	85	N 1.5	0.2		A: 3.3	Good	C: Good	No action :: Unspecified	C
- -				E 1.5	0.2		R: 1.02		S: Good	Self set group of 3 Hawthorn, ave stem dia recorded	>40 yrs
				S 1.5	0.2				B: Good		
				W 1.5	0.2						
H1										Estimated Measurements	
A Group	4	1	90	N 1.5	0.1		A: 3.7	Fair	C: Fair		C
- -				E 1.5	0.1		R: 1.08		S: Fair	Mixed boundary hedge predominantly Hawthorn	10 to 20 yrs
				S 1.5	0.1				B: Good		
				W 1.5	0.1						
H2										Estimated Measurements	
A Group	5	1	250	N 3	3	SM	A: 28.3	Good	C: Fair	No action :: Unspecified	C
- -				E 3	3		R: 3		S: Fair	Hedge formed by 27 Leyland cypress trees topped out at 5m to form hedge.	10 to 20 yrs
				S 3	3				B: Good		
				W 3	3						
T1										Estimated Measurements	
Silver Birch	3.2	1	131	N 0.5	1.6	Y	A: 7.8	Good	C: Fair	No action :: Unspecified	C
Betula pendula				E 0.5	1.7		R: 1.57		S: Good	Located within bark chipped play area	20 to 40 yrs
				S 0.4	1.6				B: Good		
				W 3	1.6						

Age Classifications: N Newly planted; Y Young; SM Semi-mature; EM Early Mature; M Mature; OM Over Mature

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T2										Estimated Measurements	
Silver Birch *Betula pendula*	4	1	122	N 0.5 E 0.5 S 0.7 W 0.5	1.8 1.7 2.2 1.6	Y	A: 6.7 R: 1.46	Good	C: Good S: Good B: Good	No action :: Unspecified Located within bark chipped play area	C 20 to 40 yrs
T3										Estimated Measurements	
Common Ash *Fraxinus excelsior*	7	1	386	N 5 E 4 S 4 W 4	4 4.5 4 3.7	Y	A: 67.4 R: 4.63	Good	C: Good S: Good B: Good	No action :: Unspecified Located in bark chipped play area.	B >40 yrs
T4										Estimated Measurements	
Common Ash *Fraxinus excelsior*	11	1	635	N 5 E 5 S 3 W 3.5	4.5 3 2 2	SM	A: 182.4 R: 7.61	Good	C: Good S: Good B: Good	No action :: Unspecified Some epicormic growths which have died off within the crown. Unlikely to be Ash dieback due to all growths dead and no apical dieback. Should be monitored	B >40 yrs
T5										Estimated Measurements	
Wild Cherry *Prunus avium*	6.5	2	443 (Eq)	N 6.5 E 6 S 2 W 4	1.7 1.6 1.7 2	SM	A: 88.7 R: 5.31	Good	C: Fair S: Good B: Good	No action :: Unspecified Crown supressed by adjacent Ash tree.	B >40 yrs
T6										Estimated Measurements	
Sycamore *Acer pseudoplatanus*	9	2	280 (Eq)	N 3 E 2 S 1.5 W 1	2 2.5 2 4	Y	A: 35.4 R: 3.35	Good	C: Good S: Fair B: Fair	No action :: Unspecified Included union on co-dominant bifurcated stems. Stems are self braced. Poor Specimen	C >40 yrs
T7										Estimated Measurements	
Silver Birch *Betula pendula*	8	2	400 (Eq)	N 3 E 4 S 2.2 W 3	2 2.5 2.5 2	SM	A: 72.5 R: 4.8	Fair	C: Fair S: Good B: Good	No action :: Unspecified Apical dieback on South and west sides possibly due to salt burn	B 20 to 40 yrs

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T8											Estimated Measurements	
Wild Cherry *Prunus avium*	5	1	301	N E S W	4 4 3 3	2.2 2.5 2.5 2.5	SM	A: 41 R: 3.61	Decline	C: Poor S: Good B: Good	Remove :: Major dead wood In decline. Stem sounded with nylon mallet at crown break to have change in resonance indicating decay or cavity. Tear out wound in primary scaffold on west side at crown break.	C <10 yrs
T9											Estimated Measurements	
Silver Birch *Betula pendula*	7	1	270	N E S W	3 4 3 2	2 3 3 3.5	SM	A: 33 R: 3.24	Good	C: Good S: Good B: Good	No action :: Unspecified Located in astro turf play area	B 20 to 40 yrs
T10											Estimated Measurements	
Wild Cherry *Prunus avium*	6	1	309	N E S W	2.5 3 4 4	2 2 1.7 1.8	SM	A: 43.2 R: 3.7	Good	C: Good S: Good B: Good	No action :: Unspecified Located in astro turf play area	B >40 yrs
T11											Estimated Measurements	
Wild Cherry *Prunus avium*	5	1	285	N E S W	3 3 2 2.5	2.5 2.5 3 2.5	SM	A: 36.8 R: 3.42	Decline	C: Poor S: Good B: Good	See Comment :: See Comment Primary scaffold limb on South Side has bark delamination with exposed core wood, evidence of stress fracture and wood boring insect. Remove larger diameter section of faulted limb.	C <10 yrs
T12											Estimated Measurements	
Paperbark Maple *Acer griseum*	2.5	1	90	N E S W	1 0.75 0.6 0.75	1.6 2 1.6 2	Y	A: 3.7 R: 1.08	Good	C: Good S: Good B: Good	No action :: Unspecified Located in planting pocket in asphalt surface	C >40 yrs
T13											Estimated Measurements	
Whitebeam *Sorbus aria*	4	1	92	N E S W	1 1 1 0.5	2 2 2 2	Y	A: 3.8 R: 1.09	Good	C: Good S: Good B: Good	No action :: Unspecified	C 20 to 40 yrs

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T14											Estimated Measurements	
Field Maple *Acer campestre*	4	1	97	N E S W	1.5 1.5 1.5 1.7	1.6 1.6 1.6 1.6	Y	A: 4.3 R: 1.16	Good	C: Good S: Good B: Good	No action :: Unspecified	C >40 yrs
T15											Estimated Measurements	
Downy Birch *Betula pubescens*	5.5	1	132	N E S W	1.5 1.5 1.5 1.5	1.7 1.7 1.7 1.7	Y	A: 7.9 R: 1.58	Good	C: Good S: Good B: Good	No action :: Unspecified	C >40 yrs
T16											Estimated Measurements	
Maple 'Brilliantissimum' *Acer pseudoplatanus 'Brilliantissimum'*	8	1	380	N E S W	5 2.5 4 4	2.5 7 3.5 3	M	A: 65.3 R: 4.55	Good	C: Good S: Good B: Good	No action :: Unspecified Causing deflection of concrete surface, located within planting pocket within concrete surface outside of site boundary	B >40 yrs
T17											Estimated Measurements	
Maple 'Brilliantissimum' *Acer pseudoplatanus 'Brilliantissimum'*	7	1	370	N E S W	4.5 3.5 2 2.5	3.5 3.5 4 3	M	A: 61.9 R: 4.43	Good	C: Good S: Good B: Good	No action :: Unspecified Recently had crown reduction. Located outside of site boundary	B >40 yrs
T18											Estimated Measurements	
Norway Maple *Acer platanoides*	9	1	618	N E S W	5 5 4 4	4.5 5 4 3.5	M	A: 172.8 R: 7.41	Good	C: Fair S: Good B: Good	No action :: Unspecified Recent crown reduction, root morphology clearly rotated towards grass area and away from highway. Located outside of site boundary.	B 20 to 40 yrs
T19											Estimated Measurements	
Norway Maple *Acer platanoides*	9.5	1	561	N E S W	5 5 3.5 4	3.5 4.5 3 4	M	A: 142.4 R: 6.73	Good	C: Good S: Good B: Good	No action :: Unspecified Recent crown reduction	B >40 yrs

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T20											Estimated Measurements	
Maple 'Brilliantissimum' *Acer pseudoplatanus 'Brilliantissimum'*	7.5	1	470	N E S W	2.5 4 3.5 3	4 3.5 3 3	M	A: 99.9 R: 5.63	Good	C: Good S: Good B: Good	No action :: Unspecified Recent crown reduction.	B >40 yrs
T21											Estimated Measurements	
Hornbeam 'Fastigiata' *Carpinus betulus 'Fastigiata'*	6	1	296	N E S W	2 2 2 2	2.5 2.5 2.5 2.5	SM	A: 39.6 R: 3.55	Good	C: Good S: Good B: Good		C >40 yrs
T22											Estimated Measurements	
Mountain Ash *Sorbus aucuparia*	5.8	1	144	N E S W	1.5 1.5 1.6 1.4	2 2 1.7 2	SM	A: 9.4 R: 1.72	Good	C: Good S: Good B: Good	Remove :: Sucker Growth	C 20 to 40 yrs
T23											Estimated Measurements	
Mountain Ash *Sorbus aucuparia*	3.8	1	144	N E S W	1.5 1.5 1.6 1.4	2 1.7 2 2	Y	A: 9.4 R: 1.72	Good	C: Good S: Good B: Good	No action :: Unspecified	C 20 to 40 yrs
T24											Estimated Measurements	
Common Hawthorn *Crataegus monogyna*	3.5	1	80	N E S W	1.5 1.5 1.5 1.5	0.2 0.2 0.2 0.2	Y	A: 2.9 R: 0.96	Good	C: Good S: Good B: Good	No action :: Unspecified Self set group Hawthorn	C >40 yrs
T25											Estimated Measurements	
Common Hawthorn *Crataegus monogyna*	2.5	1	75	N E S W	1.5 1.5 1.5 1.5	0.2 0.2 0.2 0.2	Y	A: 2.5 R: 0.89	Good	C: Good S: Good B: Good	No action :: Unspecified Self set group Hawthorn	C >40 yrs

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T26										Estimated Measurements	
Common Hawthorn *Crataegus monogyna*	2.5	1	75	N 1.5 E 1.5 S 1.5 W 1.5	0.2 0.2 0.2 0.2	Y	A: 2.5 R: 0.89	Good	C: Good S: Good B: Good	No action :: Unspecified Self set group Hawthorn	C >40 yrs
T27										Estimated Measurements	
Lombardy Poplar *Populus nigra 'Italica'*	9	1	710	N 2.6 E 2.6 S 2.6 W 2.6	2 2 2 2	M	A: 228.1 R: 8.52	Good	C: Good S: Fair B: Good	No action :: Unspecified Recently pollarded at 9m deadwood present at pollard cut points	B 20 to 40 yrs
T28										Estimated Measurements	
Lombardy Poplar *Populus nigra 'Italica'*	9	2	617 (Eq)	N 2.6 E 2.7 S 2 W 2	2 2 2 2	M	A: 172.2 R: 7.4	Good	C: Good S: Fair B: Good	No action :: Unspecified Recently pollarded at 9m deadwood present at pollard cut points	B 20 to 40 yrs
T29										Estimated Measurements	
Lombardy Poplar *Populus nigra 'Italica'*	9	2	654 (Eq)	N 2.6 E 2.7 S 2 W 2	2 2 2 2	M	A: 193.3 R: 7.84	Good	C: Good S: Fair B: Good	No action :: Unspecified Recently pollarded at 9m deadwood present at pollard cut points	B 20 to 40 yrs
T30										Estimated Measurements	
Lombardy Poplar *Populus nigra 'Italica'*	8	1	720	N 2 E 2 S 2 W 2	2 2 2 2	M	A: 234.5 R: 8.63	Good	C: Good S: Fair B: Good	No action :: Unspecified Recently pollarded at 9m deadwood present at pollard cut points	B 20 to 40 yrs

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