

BS5837:2012 Tree Survey

Arbtech Consulting Ltd

Client: Channing School
 Project: Channing School
 Survey Date: 17/08/2023
 Surveyor: Aran Nearn



Unit 3
 Well House Barns
 Chester
 Cheshire
 CH4 0DH

Tree and Tag No Species		Hght (m)	Stems		Crown		Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations		Cat ERC
			No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
G1											Estimated Measurements		
A Group		10	1	150	N	2	1	SM	A: 10.2	Fair	C: Fair		C.1.2
See comments for details					E	2	1		R: 1.8		S: Fair	Group of semi-mature trees, growing from sloped bank; species include elm, lime, holly and various shrubs; several dead elms in group; stem and crown dimensions recorded are the largest represented within the group.	10 to 20 yrs
					S	2	1				B: Fair		
					W	2	1						
1												Estimated Measurements	
London Plane		12	1	580	N	6	5	M	A: 152.2	Good	C: Fair		B.1.2
Platanus x hispanica					E	5	5		R: 6.96		S: Good	Grows from raised verge; 1.5m above ground level; previously crown reduced, wound diameter up to 100mm, 40mm regrowth.	20 to 40 yrs
					S	3	5				B: Fair		
					W	3	5						
2												Estimated Measurements	
Common Lime		12	1	480	N	3	1	M	A: 104.2	Fair	C: Fair		B.1.2
Tilia europaea					E	3	1		R: 5.75		S: Fair	Grows from slopping bank, as part of linear group; bank slopes from 2.5m above road level over a 3m distance; trees in group form a cohesive crown; previously topped at 12m.	20 to 40 yrs
					S	4	1				B: Fair		
					W	3	1						
3												Estimated Measurements	
Common Lime		12	1	440	N	3	1	M	A: 87.6	Fair	C: Fair		B.1.2
Tilia europaea					E	3	1		R: 5.28		S: Fair	Grows from slopping bank, as part of linear group; bank slopes from 2.5m above road level over a 3m distance; trees in group form a cohesive crown; previously topped at 12m.	20 to 40 yrs
					S	2	1				B: Fair		
					W	3	1						
Age Classifications: N Newly planted EM Early Mature Condition: C Crown													
Y Young M Mature S Stem													
SM Semi-mature OM Over Mature B Basal area													
Stems: Ø Diameter													
(Eq) Equivalent stem diameter using BS5837:2012 definition													
ERC: Estimated Remaining Contributio													

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations			Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment			
4											Estimated Measurements		
Common Lime <i>Tilia europaea</i>	12	1	510	N	3	1	M	A: 117.7 R: 6.12	Fair	C: Fair S: Fair B: Fair	Grows from slopping bank, as part of linear group; bank slopes from 2.5m above road level over a 3m distance; trees in group form a cohesive crown; previously topped at 12m.		B.1.2 20 to 40 yrs
5											Estimated Measurements		
Common Lime <i>Tilia europaea</i>	12	1	420	N	3	1	M	A: 79.8 R: 5.03	Fair	C: Fair S: Fair B: Fair	Grows from slopping bank, as part of linear group; bank slopes from 2.5m above road level over a 3m distance; trees in group form a cohesive crown; previously topped at 12m.		B.1.2 20 to 40 yrs
6											Estimated Measurements		
Common Lime <i>Tilia europaea</i>	12	1	440	N	3	1	M	A: 87.6 R: 5.28	Fair	C: Fair S: Fair B: Fair	Grows from slopping bank, as part of linear group; bank slopes from 2.5m above road level over a 3m distance; trees in group form a cohesive crown; previously topped at 12m.		B.1.2 20 to 40 yrs
7											Estimated Measurements		
Common Lime <i>Tilia europaea</i>	12	1	420	N	3	1	M	A: 79.8 R: 5.03	Fair	C: Fair S: Fair B: Fair	Grows from slopping bank, as part of linear group; bank slopes from 2.5m above road level over a 3m distance; trees in group form a cohesive crown; previously topped at 12m.		B.1.2 20 to 40 yrs
8											Estimated Measurements		
Common Lime <i>Tilia europaea</i>	12	1	430	N	3	1	M	A: 83.7 R: 5.16	Fair	C: Fair S: Fair B: Fair	Grows from slopping bank, as part of linear group; bank slopes from 2.5m above road level over a 3m distance; trees in group form a cohesive crown; previously topped at 12m.		B.1.2 20 to 40 yrs
9											Estimated Measurements		
Common Lime <i>Tilia europaea</i>	12	1	480	N	3	2	M	A: 104.2 R: 5.75	Fair	C: Fair S: Fair B: Fair	Grows from slopping bank, as part of linear group; bank slopes from 2.5m above road level over a 3m distance; trees in group form a cohesive crown; previously topped at 12m.		B.1.2 20 to 40 yrs
Age Classifications:	N Y SM	Newly planted Young Semi-mature	EM M OM	Early Mature Mature Over Mature	Condition:		C S B	Crown Stem Basal area	Stems:	Ø (Eq)	Diameter Equivalent stem diameter using BS5837:2012 definition	ERC: Estimated Remaining Contributio	