

BS5837:2012 Tree Survey

**Arbtech Consulting Ltd.**

Client: Red and White Design  
 Project: 13 Regents Park Road  
 Survey Date: 29/04/2014  
 Surveyor: Jon Hartley



Unit 3, Well House Barns  
 Chester Road  
 Chester  
 Cheshire  
 CH4 0DH  
 Phone: 01244 66 05 58

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m <sup>2</sup> ) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations Survey Comment	Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)						
<b>1</b> Common Lime <i>Tilia europaea</i>	8	1	480	N E S W	2 2 2 2	6 6 6 6	M	A: 104.2 R: 5.75	Good C: Good S: Good B: Good	Historically topped at 5m, recently re-pollarded at 7m. Positioned in raised planting bed approximately 1m above ground level, 1m to west and 3m north to northeast.	<b>B.1</b> 20 to 40 yrs
<b>2</b> Bay <i>Laurus nobilis</i>	3	2	71 (Eq)	N E S W	1 1 1 1	1 1 1 1	Y	A: 2.3 R: 0.85	Good C: Good S: Good B: Good	Young shrub of low quality and value.	<b>C.2</b> >40 yrs
<b>3</b> Bay <i>Laurus nobilis</i>	3	3	87 (Eq)	N E S W	1 1 1 1	1 1 1 1	Y	A: 3.4 R: 1.04	Good C: Good S: Good B: Good	Young shrub of low quality and value.	<b>C.2</b> >40 yrs
<b>4</b> Yucca <i>Yucca sp.</i>	6	3	187 (Eq)	N E S W	1 2 1 1	4 4 4 4	SM	A: 15.8 R: 2.24	Good C: Good S: Good B: Good	Positioned in raised planting bed 0.5m above ground level with paved surface 0.2m north, east and west.	<b>C.2</b> 20 to 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

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5											Estimated Measurements	
Common Horse Chestnut <i>Aesculus hippocastanum</i>	18	1	1000	N E S W	4 4 4 4	5 5 5 5	M	A: 452.4 R: 12	Good	C: Fair S: Good B: Good	Off site tree. Historically topped at 5m with multiple 300mm (approx.) stems forming the basis of the crown structure. Epicormic growth entirely obscures inspection of stem and primary branch unions.	<b>B.1.2</b> >40 yrs
6												
Ceanothus	4	2	72 (Eq)	N E S W	3 1 1 3	1 1 1 1		A: 2.4 R: 0.87	Fair	C: Fair S: Good B: Good	Positioned in raised planting bed against wall with brick built wall 1m north, south and west bordering planting medium.	<b>C.2</b> 20 to 40 yrs
7											Estimated Measurements	
Common Ash <i>Fraxinus excelsior</i>	16	1	700	N E S W	3 5 4 4	9 9 9 9	M	A: 221.7 R: 8.4	Fair	C: Poor S: Good B:	Off site tree. Truncated stems at approximately 12m with all photosynthetic growth borne on epicormic growth. Climbing vine obscures detailed inspection of stem, while the base of the tree is obscured from view by the 2.5m boundary wall. Ground level off site is approximately 1m higher than on site.	<b>B.1.2</b> 20 to 40 yrs
8												
London Plane <i>Platanus x hispanica</i>	12	1	490	N E S W	4 5 4 4	4 4 4 5	M	A: 108.6 R: 5.87	Good	C: Good S: Good B: Good	Off site tree positioned in paved footpath with road 0.5m to north. Regularly maintained pollard.	<b>B.1.2</b> >40 yrs
9											Estimated Measurements	
London Plane <i>Platanus x hispanica</i>	5	1	310	N E S W	1 2 1 1	3.5 3.5 3.5 3.5	M	A: 43.5 R: 3.72	Good	C: Good S: Good B: Good	Off site tree. Regularly maintained to pollard points at 4m.	<b>B.2</b> >40 yrs
10												
London Plane <i>Platanus x hispanica</i>	5	1	290	N E S W	1 1 1 1	3.5 3.5 3.5 3.5	M	A: 38.1 R: 3.48	Good	C: Good S: Good B: Good	Off site tree. Regularly maintained to pollard points at 4m.	<b>B.2</b> >40 yrs
<b>Age Classifications:</b>	N	Newly planted	EM	Early Mature	<b>Condition:</b>		C	Crown	<b>Stems:</b>		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				

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11												
Common Holly <i>Ilex aquifolium</i>	4	1	70	N	1.5	1	Y	A: 2.2 R: 0.83	Good	C: Good S: Good B: Good	Positioned in planting bed approximately 1.5mx 1.5m with paved surface surrounding and a negative level change to the south in excess of 1m.	C.2 20 to 40 yrs
12												
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