

## BS5837:2012 Tree Survey

**Arbtech Consulting Limited**

Client: Sharpe Refinery Service Ltd  
 Project: Sharpe Refinery  
 Survey Date: 22/05/2018  
 Surveyor: Aran Nearn

Unit 3  
 Well House Barns  
 Chester  
 Cheshire  
 CH4 0DH  
 Phone: 01244 661170



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)							
Estimated Measurements												
G1												
A Group <i>See comments for details</i>	4	1	70	N	0.5	0.5	Y	A: 2.2 R: 0.83	Fair	C: Fair S: Fair B: Fair	C.1.2 10 to 20 yrs Off-site linear group; species include box, ash, ivy and tree of heaven saplings; stem and crown dimensions recorded are the largest represented within the group.	
Estimated Measurements												
G2												
A Group <i>See comments for details</i>	12	1	330	N	6	5.5	SM	A: 49.3 R: 3.96	Fair	C: Fair S: Ivy B: Fair	B.1.2 20 to 40 yrs Off-site linear boundary group; species include ash, sycamore and various conifer; grows from behind 600mm wall; potential compaction from vehicle access over root plates; 60% ivy coverage of all stems; stem and crown dimensions recorded are the largest represented within the group.	
Estimated Measurements												
1												
Western Red Cedar <i>Thuja plicata</i>	6	1	290	N	2.5	2	SM	A: 38.1 R: 3.48	Good	C: Fair S: Good B: Fair	B.1 20 to 40 yrs Grows in close proximity to car parking space; potential compaction from vehicle access over root plate.	
Estimated Measurements												
2												
Western Red Cedar <i>Thuja plicata</i>	6	1	270	N	0.5	2	SM	A: 33 R: 3.24	Good	C: Fair S: Good B: Fair	B.1 20 to 40 yrs Grows in close proximity to car parking space; potential compaction from vehicle access over root plate.	
Estimated Measurements												
<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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		No	Ø (mm)	Spread (m)	Clear (m)							
3												
Wild Cherry <i>Prunus avium</i>	6	1	300	N	3	2	M	A: 40.7 R: 3.59	Good	C: Fair S: Good B: Fair	Grows in close proximity to car parking space; potential compaction from vehicle access over root plate.	<b>B.1</b> 20 to 40 yrs

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	SM	Semi-mature	OM	Over Mature		B	Basal area			