

BS5837:2012 Tree Survey

Treestyle Consultancy Ltd

Client: Beechwood Industries Ltd
 Project: Millwood SEN, School St, Radcliffe, Manchester M26 3BW
 Survey Date: 01/08/2023
 Surveyor: Andrew McLoughlin



Jepps Lane
 Barton
 Preston
 Lancashire
 PR3 5AQ
 Mobile: 07872064313

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			
G16														
A Group	7	1	300	N	4	2		A: 40.7	Fair	C: Good	Protection :: Erect protection barriers			C.2
- -				E	4	2		R: 3.59		S: Fair				<10 yrs
				S	4	2				B: Good	A group of willow with poor form and limited life potential located in neighbouring embankment			
				W	4	2								
G28														
A Group	4	0		N	2	1	SM	A: 0	Good	C: Good	Protection :: Erect protection barriers			B.1.2
- -				E	2	1		R: 0		S: Good				20 to 40 yrs
				S	2	1				B: Good	Two pines with existing fencing and good life potential.			
				W	2	1								
T1														Estimated Measurements
Hybrid Black Poplar	28	1	900	N	8	1	M	A: 366.5	Good	C: Good	Protection :: Erect protection barriers			A.1
<i>Populus x canadensis</i>				E	7	1		R: 10.8		S: Good				>40 yrs
				S	8	1				B: Good	Huge tree with dense epicormic growth restricting the visual assessment. Currently being used as a dumping ground for construction materials that shall be moved. Falls next to proposed entrance for developments			
				W	4	4								
T2														Estimated Measurements
Sycamore	28	1	900	N	8	8	M	A: 366.5	Good	C: Good	Protection :: Erect protection barriers			A.1
<i>Acer pseudoplatanus</i>				E	4	8		R: 10.8		S: Good				>40 yrs
				S	8	8				B: Good	Huge tree with dense epicormic growth restricting the visual assessment. Currently being used as a dumping ground for construction materials that shall be moved. Falls next to proposed entrance for developments			
				W	7	8								
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	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		
T3												
Common Oak <i>Quercus robur</i>	5	1	200	N E S W	3 3 3 3	3	M	A: 18.1 R: 2.4	Fair	C: Good S: Good B: Fair	Protection :: Unspecified Small tree next to site huts. Falls next to proposed entrance for developments	B.1 10 to 20 yrs
T4												
Common Oak <i>Quercus robur</i>	3	1	150	N E S W	1 1 1 3	3 3 3	M	A: 10.2 R: 1.8	Fair	C: Poor S: Good B: Fair	Protection :: Unspecified Small tree heavily pruned to next to site huts. Falls next to proposed entrance for developments	C.1.2 10 to 20 yrs
T5												
Sycamore <i>Acer pseudoplatanus</i>	14	1	650	N E S W	5 3 4 3	5 5 5	M	A: 191.2 R: 7.8	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers Remove :: Witches broom Moderate form and good visual aesthetics with hanging branches	B.1 >40 yrs
T6												
Mountain Ash <i>Sorbus aucuparia</i>	4	1	75	N E S W	1 1 1 1	2 2 2 2	M	A: 2.5 R: 0.89	Good	C: Good S: Fair B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics with hanging branches. Falls next to site entrance	B.1.2 10 to 20 yrs
T7												
Common Oak <i>Quercus robur</i>	8	1	250	N E S W	3 4 2 3	2 2 2	M	A: 28.3 R: 3	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics. Falls next to site entrance	A.1 >40 yrs
T8												
Cappadocian Maple <i>Acer cappadocicum</i>	6	1	200	N E S W	2 2 2 2	2 2 2	M	A: 18.1 R: 2.4	Good	C: Good S: Fair B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics	B.1 10 to 20 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 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			
T9														
Common Oak <i>Quercus robur</i>		6	1	100	N E S W	2 2 2 2	1 1 1 1	SM A: 4.5 R: 1.19	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics. Falls near to proposed developments		B.1 >40 yrs	
T10														
Common Oak <i>Quercus robur</i>		6	1	250	N E S W	3 3 2 2	1 1 1 1	SM A: 28.3 R: 3	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics. Falls near to proposed developments		A.1 >40 yrs	
T11														
Common Oak <i>Quercus robur</i>		9	1	250	N E S W	3 3 3 3	1 1 1 1	SM A: 28.3 R: 3	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics. Falls near to proposed developments		A.1 >40 yrs	
T12														
Common Ash <i>Fraxinus excelsior</i>		8	1	200	N E S W	3 3 3 3	1 1 1 1	SM A: 18.1 R: 2.4	Fair	C: Good S: Good B: Good	Protection :: Erect protection barriers Good form with limited longevity due to possibly initial stages of ash dieback ADB. Falls near to proposed developments		C.1 <10 yrs	
T13														
Pin Oak <i>Quercus palustris</i>		5	1	75	N E S W	1 2 1 1	1 1 1 1	SM A: 2.5 R: 0.89	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics. Falls near to proposed developments		B.1 20 to 40 yrs	
T14														
Common Oak <i>Quercus robur</i>		23	1	650	N E S W	4 5 5 5	1 1 1 1	M A: 191.2 R: 7.8	Good	C: Good S: Ivy B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics. Falls near to proposed developments and located in neighbouring embankment	Estimated Measurements	A.1 >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 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			
T15												Estimated Measurements		
Bird Cherry <i>Prunus padus</i>		9	1	200	N E S W	2 2 2 2	1 1 1 1	M A: 18.1 R: 2.4	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers	Good form, longevity and visual aesthetics. Falls near to proposed developments and located in neighbouring embankment		B.1.2 10 to 20 yrs
T17												Estimated Measurements		
Willow <i>Salix Spp.</i>		9	1	750	N E S W	4 4 4 4	2 2 2 2	A: 254.5 R: 9	Fair	C: Good S: Poor B: Good	Protection :: Erect protection barriers	A willow with poor form and limited life potential located in neighbouring embankment		C.2 <10 yrs
T18												Estimated Measurements		
Common Ash <i>Fraxinus excelsior</i>		8	1	200	N E S W	2 3 2 1	1 1 1 1	SM A: 18.1 R: 2.4	Fair	C: Fair S: Good B: Good	Protection :: Erect protection barriers	Good form with limited longevity due to possibly initial stages of ADB. Falls near to proposed developments		C.1 <10 yrs
T19												Estimated Measurements		
Bird Cherry <i>Prunus padus</i>		9	1	200	N E S W	2 2 2 2	1 1 1 1	M A: 18.1 R: 2.4	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers	Good form, longevity and visual aesthetics. Falls near to proposed developments and located in neighbouring embankment		B.1.2 10 to 20 yrs
T20												Estimated Measurements		
Common Ash <i>Fraxinus excelsior</i>		8	1	200	N E S W	2 3 2 1	1 1 1 1	SM A: 18.1 R: 2.4	Fair	C: Fair S: Good B: Good	Protection :: Erect protection barriers	Good form with limited longevity due to possibly initial stages of ADB. Falls near to proposed developments		C.1 <10 yrs
T21												Estimated Measurements		
Bird Cherry <i>Prunus padus</i>		11	1	300	N E S W	2 2 2 2	1 1 1 1	M A: 40.7 R: 3.59	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers	Good form, longevity and visual aesthetics. Falls near to proposed developments and located in neighbouring embankment		B.1.2 10 to 20 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														

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				
T22											Estimated Measurements			
Common Ash <i>Fraxinus excelsior</i>	10	1	200	N	2	1	M	A: 18.1 R: 2.4	Fair	C: Fair S: Good B: Good	Protection :: Erect protection barriers		C.1	
				E	3	1					Good form with limited longevity due to possibly initial stages of ADB. Located in neighbouring embankment			
				S	3	1								
				W	1	1								
T23											Estimated Measurements			
Common Oak <i>Quercus robur</i>	15	1	350	N	5	1	M	A: 55.4 R: 4.19	Good	C: Good S: Ivy B: Good	Protection :: Erect protection barriers		A.1	
				E	5	1					Good form, longevity and visual aesthetics. Falls near to proposed developments and located in neighbouring embankment			
				S	5	1								
				W	5	1								
T24											Estimated Measurements			
Sycamore <i>Acer pseudoplatanus</i>	15	1	350	N	2	5	M	A: 55.4 R: 4.19	Fair	C: Good S: Ivy B: Good	Fell :: Fell to safe height		C.1.2	
				E	2	5					Limited longevity due to proximity to fencing and located in neighbouring embankment			
				S	2	5								
				W	2	5								
T25											Estimated Measurements			
Sycamore <i>Acer pseudoplatanus</i>	15	1	450	N	6	5	M	A: 91.6 R: 5.39	Fair	C: Good S: Ivy B: Good	Ivy :: Sever/remove ivy		C.1.2	
				E	5	5					Re-inspect :: Once ivy removed		<10 yrs	
				S	5	5								
				W	5	5					Multiple stems and covered in ivy. Limited longevity due to proximity to fencing and located in neighbouring embankment			
T26											Estimated Measurements			
Sycamore <i>Acer pseudoplatanus</i>	9	1	250	N	3	2	M	A: 28.3 R: 3	Fair	C: Good S: Good B: Good	No action :: Unspecified		B.1.2	
				E	3	2					Good form and located in neighbouring embankment			
				S	3	2								
				W	3	2								
T27											Estimated Measurements			
Hybrid Black Poplar <i>Populus x canadensis</i>	25	1	1150	N	6	1	Veteran	A: 598.4 R: 13.8	Poor	C: Poor S: Poor B: Good	Pollard :: Pollard to 5 m		C.1	
				E	7	1						Huge tree previously reduced due to codominant stem, large area of decayed stem now with vertical crack. Large regrowth with potentially mechanically weak attachments and substantial deadwood. Falls near to proposed developments		
				S	6	1								
				W	5	4								
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: ERC:	Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012 definition 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			
T29													
Common Beech <i>Fagus sylvatica</i>	6	1	100	N E S W	2 2 2 2	1 1 1 1	SM A: 4.5 R: 1.19	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics. Falls near to proposed developments	B.1 >40 yrs		
T30													
Common Oak <i>Quercus robur</i>	9	1	250	N E S W	2 2 2 2	1 1 1 1	M A: 28.3 R: 3	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics. Falls with proposed garden area	B.1 >40 yrs		
T31													
Common Oak <i>Quercus robur</i>	5	1	150	N E S W	2 2 2 2	1 1 1 1	M A: 10.2 R: 1.8	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics. Falls just outside proposed garden area	B.1 >40 yrs		
T32													
Common Beech <i>Fagus sylvatica</i>	6	1	100	N E S W	1 2 1 1	1 1 1 1	SM A: 4.5 R: 1.19	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers Good form, longevity and visual aesthetics. Falls with proposed garden area	B.1 >40 yrs		
T33													
Silver Birch <i>Betula pendula</i>	9	1	250	N E S W	2 2 2 2	1 1 1 1	M A: 28.3 R: 3	Good	C: Good S: Good B: Good	Fell :: Fell and remove stump(s) Good form and visual aesthetics. Falls within proposed development	B.1 >40 yrs		
T34													
Silver Birch <i>Betula pendula</i>	8	1	150	N E S W	2 2 2 2	1 1 1 1	M A: 10.2 R: 1.8	Good	C: Good S: Good B: Good	Fell :: Fell and remove stump(s) Good form and visual aesthetics. Falls within proposed development	B.1 >40 yrs		
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			
T35													
Silver Birch <i>Betula pendula</i>	9	1	250	N E S W	2 2 2 2	1 1 1 1	M A: 28.3 R: 3	Good	C: Good S: Good B: Good	Fell :: Fell and remove stump(s) ----- Good form and visual aesthetics. Falls within proposed development	B.1 >40 yrs		
T36													
Apple <i>Malus Spp.</i>	4	1	75	N E S W	1 2 1 1	1 1 1 1	M A: 2.5 R: 0.89	Good	C: Good S: Good B: Good	Fell :: Fell and remove stump(s) ----- Good form and visual aesthetics. Falls within proposed development	B.1 >40 yrs		
T37													
Apple <i>Malus Spp.</i>	2	1	75	N E S W	1 1 1 1	1 1 1 1	M A: 2.5 R: 0.89	Good	C: Good S: Good B: Good	Protection :: Erect protection barriers ----- Good form and visual aesthetics. Falls within proposed garden area	B.1 >40 yrs		
T38													
Apple <i>Malus Spp.</i>	3	1	75	N E S W	1 1 1 1	1 1 1 1	M A: 2.5 R: 0.89	Good	C: Good S: Good B: Good	Fell :: Fell and remove stump(s) ----- Good form and visual aesthetics. Falls within proposed development	B.1 >40 yrs		
T39													
Apple <i>Malus Spp.</i>	3	1	75	N E S W	1 1 1 1	1 1 1 1	M A: 2.5 R: 0.89	Good	C: Good S: Good B: Good	Fell :: Fell and remove stump(s) ----- Good form and visual aesthetics. Falls within proposed development	B.1 >40 yrs		
T40													
Apple <i>Malus Spp.</i>	4	1	150	N E S W	3 3 3 3	1 1 1 1	M A: 10.2 R: 1.8	Good	C: Good S: Good B: Good	Fell :: Fell and remove stump(s) ----- Good form and visual aesthetics. Falls within proposed development	B.1 >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: ERC:	Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012 definition Estimated Remaining Contributio		

Report selection criteria.

Projects.

Millwood SEN, School St, Radcliffe, Manchester M26 3BW

Date Range.

Any Date

Work types.

----> Fell :: Fell and remove stump(s)
 ----> Fell :: Fell to safe height
 ----> Ivy :: Sever/remove ivy
 ----> No action :: Unspecified
 ----> Pollard :: Pollard to 5 m
 ----> Protection :: Erect protection barriers
 ----> Protection :: Unspecified
 ----> Re-inspect :: Once ivy removed
 ----> Remove :: Witches broom

Latest Survey.

All surveys for the selected trees.
 ---> Last survey for each selected tree.

Work Completed.

---> Work Completed
 ---> Work Not Completed

Number of trees in selected Project(s) 40

Number of trees in Report selection 40

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

Condition: C Crown
 S Stem
 B Basal area

Stems: Ø Diameter
 (Eq) Equivalent stem diameter using BS5837:2012 definition
ERC: Estimated Remaining Contributio