

Client: Peakgen Power Ltd
 Project: Land off Harts Farm way, Havant
 Survey Date: 25/09/2014
 Surveyor: David Garrick

BS5837:2012 Tree Survey



Arbtech Consulting Ltd.

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

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														
A Woodland - <i>Unknown</i>		13	1	400	N E S W	4 4 4 4	3 3 3 3	SM	A: 72.4 R: 4.8	Fair	C: Fair S: Fair B: Fair	Mixed maple & poplar wood. maximum stem diameter 400mm		B.2 20 to 40 yrs
G2														
A Group - -		9	1	150	N E S W	2 2 2 2	1 1 1 1	Y	A: 10.2 R: 1.8	Fair	C: Fair S: Fair B: Fair	Maple & Hawthorn maximum stem diameter 150mm		C.2 20 to 40 yrs
G3														
A Group - -		16	1	500	N E S W	5 5 5 5	2 2 2 1	SM	A: 113.1 R: 6	Fair	C: Fair S: Fair B: Good	Group of Willow & Ash along property boundary		B.1.2 20 to 40 yrs
G3a														
White Willow <i>Salix alba</i>		0	2	580 (Eq)				M	A: 152.1 R: 6.95		C: S: B:			B
G3b														
White Willow <i>Salix alba</i>		0	2	580 (Eq)				M	A: 152.1 R: 6.95		C: S: B:			B
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	

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			
G3c													
White Willow <i>Salix alba</i>	0	3	606 (Eq)			M	A: 166.3 R: 7.27		C: S: B:				B
G3d													
White Willow <i>Salix alba</i>	0	1	450			M	A: 91.6 R: 5.39		C: S: B:				B
G3e													
White Willow <i>Salix alba</i>	0	1	450			M	A: 91.6 R: 5.39		C: S: B:				B
1													
Poplar <i>Populus Unknown</i>	25	1	790	N E S W	6 6 6 6	2 1 1 1	M A: 282.4 R: 9.48	Fair	C: Fair S: Good B: Good		Previously snapped out limbs		B.1 20 to 40 yrs
2													
Norway Maple <i>Acer platanoides</i>	13	2	405 (Eq)	N E S W	4 6 5 3	1 1 1 5	SM A: 74.1 R: 4.85	Fair	C: Fair S: Fair B: Fair		Twinstemmed from 0.7m. major deadwood in crown (>50mm). crown suppressed by neighbouring trees		C.1 20 to 40 yrs
3													
Norway Maple <i>Acer platanoides</i>	15	3	413 (Eq)	N E S W	4 5 6 4	3 5 1 1	M A: 77.3 R: 4.96	Fair	C: Fair S: Fair B: Fair		Multistemmed from base. major deadwood in crown (>50mm) crown suppressed by neighbouring trees .		C.1 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	

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														
Common Lime <i>Tilia europaea</i>		15	3	410 (Eq)	N E S W	5 5 4 4	2 2 2 2	Y	A: 75.9 R: 4.91	Fair	C: Fair S: Fair B: Good	Multistemmed from base. Included union between stems. minor deadwood in crown (<50mm)		C.1 20 to 40 yrs
5														
Norway Maple <i>Acer platanoides</i>		16	1	370	N E S W	3 6 6 3	6 1.5 1 2	SM	A: 61.9 R: 4.43	Fair	C: Fair S: Fair B: Good	Major deadwood throughout crown. crown suppressed by neighbouring trees		C.1 20 to 40 yrs
6														
Norway Maple <i>Acer platanoides</i>		15	2	410 (Eq)	N E S W	1 3 6 4	4 1 1 1	SM	A: 76.1 R: 4.92	Fair	C: Fair S: Fair B: Fair	Major deadwood in crown (>50mm). crown suppressed by neighbouring trees		C.1 20 to 40 yrs
7														
Norway Maple <i>Acer platanoides</i>		14	1	300	N E S W	2 2 3 2	2 2 2 2	SM	A: 40.7 R: 3.59	Poor	C: Poor S: Fair B: Fair	Major deadwood throughout crown (>50mm). Crown suppressed by neighbouring trees		C.1 10 to 20 yrs
8														
Sycamore <i>Acer pseudoplatanus</i>		16	2	448 (Eq)	N E S W	5 5 4 4	3 2 3 3	SM	A: 90.7 R: 5.37	Fair	C: Fair S: Fair B: Good	Major deadwood in crown (>50mm)		B.1 20 to 40 yrs
9														
Norway Maple <i>Acer platanoides</i>		13	1	310	N E S W	1 5 5 4	1.5 1 1 2	SM	A: 43.5 R: 3.72	Fair	C: Fair S: Fair B: Fair	Stem leans south. Crown suppressed by neighbouring trees		C.1 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	

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			
10														
Sycamore <i>Acer pseudoplatanus</i>	15	1	430		N E S W	3 3 4 3	5	SM	A: 83.7 R: 5.16	Poor	C: Fair S: Good B: Good	Sparsely foliated. major deadwood in crown (>50mm). crown suppressed by neighbouring trees.		C.1 10 to 20 yrs
11														
Sycamore <i>Acer pseudoplatanus</i>	16	1	400		N E S W	6 6 4 5	5	SM	A: 72.4 R: 4.8	Fair	C: Fair S: Fair B: Good	Major deadwood in crown (>50mm)		B.1 20 to 40 yrs
12														
Sycamore <i>Acer pseudoplatanus</i>	12	2	318 (Eq)		N E S W	2 2 3 3	1	SM	A: 45.8 R: 3.81	Poor	C: Fair S: Fair B: Fair	Sparsely foliated. Apical dieback within crown. major deadwood in crown (>50mm). crown suppressed by neighbouring trees		C.1 10 to 20 yrs
13														
Poplar <i>Populus Unknown</i>	17	2	608 (Eq)		N E S W	6 6 7 6	4	M	A: 167.3 R: 7.29	Fair	C: Fair S: Fair B: Fair	Twinstemmed from 1.2m. Snapped out stem at 7m. major deadwood in crown (>50mm).		B.1 20 to 40 yrs
14														
Sycamore <i>Acer pseudoplatanus</i>	12	2	345 (Eq)		N E S W	3 4 4 4	2	SM	A: 54 R: 4.14	Fair	C: Fair S: Fair B: Good	Crown suppressed by neighbouring trees		C.1 20 to 40 yrs
15														
Sycamore <i>Acer pseudoplatanus</i>	12	1	140		N E S W	2 2 2 2	3	Y	A: 8.9 R: 1.68	Fair	C: Fair S: Fair B: Good			C.1 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	

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		
16											Estimated Measurements	
White Willow <i>Salix alba</i>	20	3	469 (Eq)	N	5	4	SM	A: 99.5 R: 5.62	Fair	C: Fair S: Fair B: Good	Inaccessible amongst overgrown bramble	B.1 20 to 40 yrs

Report selection criteria.

Projects.

Land off Harts Farm way, Havant

Date Range.

Any Date

Work types.

----> -No Selection made-

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) 24

Number of trees in Report selection 24

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