

BS5837:2012 Tree Survey

Graham Chesterton Arboricult

Client: Rhonnda Cynon Taff County Borough Council
 Project: Blaengwawr Comprehensive School, Aberdare, CF44 6TN.
 Survey Date: 24/08/2015
 Surveyor: Graham Chesterton

7 Porfa Ballas
 Rhoose Point
 Barry
 Vale of Glamorgan
 CF62 3LF
 Phone: 07709 276702

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations		Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
1219 1219 Common Ash <i>Fraxinus excelsior</i>	12	2	469 (Eq)	N 8 E 5 S 6 W 5	2 2 1.5 2	M	A: 99.7 R: 5.63	Fair	C: Fair S: Poor B: Fair	Raise low canopy :: To 4.0m Remove :: Major dead wood Acute primary & secondary forks. In bank above entrance road. Suppressed by Tree No. 1220.	C.1.2 10 to 20 yrs	
1220 1220 Common Ash <i>Fraxinus excelsior</i>	15	1	445	N 8 E 4 S 5 W 4	3 2 2 2	M	A: 89.6 R: 5.34	Fair	C: Fair S: Fair B: Poor	Raise low canopy :: To 4.0m On bank above entrance road. Suppressed by Tree No.s 1219 & 1221,	C.1.2 10 to 20 yrs	
1221 1221 Small-Leafed Lime <i>Tilia cordata</i>	8	2	314 (Eq)	N 4 E 2 S 4 W 3	2 2 2 2	SM	A: 44.6 R: 3.76	Fair	C: Fair S: Fair B: Fair	Raise low canopy :: To 4.0m On bank above entrance road. Suppressed by Tree No. 1220.	C.1.2 10 to 20 yrs	
1222 1222 Common Lime <i>Tilia europaea</i>	7	3	304 (Eq)	N 3 E 4 S 3 W 4	2 1 2 2	SM	A: 41.9 R: 3.65	Fair	C: Fair S: Fair B: Fair	Raise low canopy :: To 4.0m On bank above entrance road.	C.1.2 10 to 20 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					

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations		Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
1223 1223 Common Ash <i>Fraxinus excelsior</i>	11	1	365	N E S W	7 5 6 6	3 3 2 3	M A: 60.3 R: 4.38	Fair	C: Fair S: Fair B: Fair	Raise low canopy :: To 4.0m On bank above entrance road.	C.1.2 10 to 20 yrs	
1224 1224 Silver Maple <i>Acer saccharinum</i>	10	1	390	N E S W	3 4 5 5	2 2 2 2	M A: 68.8 R: 4.67	Poor	C: Poor S: Poor B: Poor	Fell :: Fell and remove stump(s) 2m away from school building. Previously pollarded. Poor condition. Exposed surface root plate, Low vigour & vitality. Remove & replant elsewhere.	U <10 yrs	
1225 1225 Bird Cherry <i>Prunus padus</i>	4	1	260	N E S W	4 3 4 3	2 2 2 3	M A: 30.6 R: 3.12	Poor	C: Poor S: Poor B: Poor	Fell :: Fell and remove stump(s) 3m away from school building. Major wounds & decay to primary branches. Surface root plate exposed & damaging adjacent paving. Low levels of vigour & vitality . Remove & replant elsewhere.	U <10 yrs	
1226 1226 Bird Cherry <i>Prunus padus</i>	3	1	230	N E S W	3 3 2 3	2 2 2 2	M A: 23.9 R: 2.75	Poor	C: Poor S: Poor B: Poor	Fell :: Fell and remove stump(s) Cherry planted 3m away from school building. Exposed & damaged surface root plate. Poor structure, low levels of vigour & vitality. Remove.	U <10 yrs	
1227 1227 Bird Cherry <i>Prunus padus</i>	3	1	165	N E S W	3 3 2 3	2 2 2 2	M A: 12.3 R: 1.97	Poor	C: Poor S: Poor B: Poor	Fell :: Fell and remove stump(s) Planted cherry in line with 3 others 3m away from school building. Poor structure with low levels of crown vigour & vitality. Surface root plate exposed and damaged. Remove tree and replant elsewhere.	U <10 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					

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations		Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
1228 1228 Bird Cherry <i>Prunus padus</i>	4	1	325	N E S W	3 4 4 4	1 1 1 1	M A: 47.8 R: 3.9	Poor	C: Poor S: Poor B: Poor	Fell :: Fell and remove stump(s) Cherry planted in green space between school buildings. Poor structure, exposed and damaged surface root plate. Remove and replant elsewhere.	U <10 yrs	
1229 1229 Bird Cherry <i>Prunus padus</i>	4	1	275	N E S W	4 4 4 3	1 2 2 1	M A: 34.2 R: 3.29	Poor	C: Poor S: Poor B: Poor	Fell :: Fell and remove stump(s) Cherry planted in green space between school buildings. Stem leaning & crown structure poor. Exposed & damaged surface root plate. Remove & replant elsewhere.	U <10 yrs	
1230 1230 Silver Maple <i>Acer saccharinum</i>	10	1	195	N E S W	2 2 3 3	3 2 2 2	SM A: 17.2 R: 2.33	Fair	C: Fair S: Fair B: Fair	Raise low canopy :: To 4.0m One of two adjacent silver maples planted between school buildings. Fair condition - suppressed by adjacent Tree No. 1231.	C.1.2 10 to 20 yrs	
1231 1231 Silver Maple <i>Acer saccharinum</i>	9	1	235	N E S W	3 2 2 4	3 3 3 3	SM A: 25 R: 2.82	Poor	C: Poor S: Poor B: Fair	Fell :: Fell and remove stump(s) Second of 2 silver maples planted in a line between school buildings. Large vertical wound cavity on N of stem from 0.5m to 2m agl with fungal decay brackets. Marked dieback in crown with low levels of vigour and vitality.	U <10 yrs	
1232 1232 Bird Cherry <i>Prunus padus</i>	5	1	230	N E S W	3 3 5 2	3 3 3 3	M A: 23.9 R: 2.75	Poor	C: Poor S: Poor B: Fair	Fell :: Fell and remove stump(s) Planted cherry in green space between school buildings. Stem leaning coupled with low levels of crown vigour and vitality. Remove and replant elsewhere.	U <10 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					

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations		Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
1233 1233 Mountain Ash <i>Sorbus aucuparia</i>	6	1	165	N E S W	3 2 3 3	3	SM A: 12.3 R: 1.97	Poor	C: Poor S: Poor B: Poor	Fell :: Fell and remove stump(s) Mountain ash planted between school buildings. Exposed & damaged surface root plate. Stem wounds & marked dieback & low levels of vigour & vitality in the crown. Remove tree and replant elsewhere.	U 10 to 20 yrs	
1234 1234 Small-Leafed Lime <i>Tilia cordata</i>	9	2	273 (Eq)	N E S W	3 4 3 3	1	M A: 33.8 R: 3.28	Fair	C: Fair S: Poor B: Fair	Raise low canopy :: To 4.0m Lime planted in verge by entrance road. Crown lift above vehicle & pedestrian access. Acute primary fork at 1m agl.	C.1.2 10 to 20 yrs	
1235 1235 Common Ash <i>Fraxinus excelsior</i>	11	1	425	N E S W	6 4 6 7	2	M A: 81.7 R: 5.09	Fair	C: Fair S: Good B: Good	Raise low canopy :: To 4.0m Remove :: Major dead wood Ash planted in verge next to access road. Crown lift above vehicle & pedestrian access. Remove major deadwood.	C.1.2 10 to 20 yrs	
1236 1236 Common Ash <i>Fraxinus excelsior</i>	10	3	443 (Eq)	N E S W	7 6 5 8	1	M A: 88.8 R: 5.31	Fair	C: Fair S: Fair B: Good	Raise low canopy :: To 4.0m Ash planted in grass verge next to access road. Acute primary forks at 1.5m agl. Crown lift to clear vehicle and pedestrian access.	C.1.2 10 to 20 yrs	
1237 1237 Small-Leafed Lime <i>Tilia cordata</i>	10	2	357 (Eq)	N E S W	4 4 4 4	1	M A: 57.7 R: 4.28	Good	C: Good S: Fair B: Good	Raise low canopy :: To 4.0m Lime planted in grass verge adjacent to access road. Acute fork at 1.5m agl. Crown lift to clear vehicle and pedestrian access.	C.1.2 10 to 20 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					

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations		Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
1238 1238 Italian Alder <i>Alnus cordata</i>	15	1	750	N E S W	6 6 6 6	2 2 2 2	M A: 254.5 R: 9	Good	C: Fair S: Good B: Fair	Raise low canopy :: To 4.0m Alder planted in grass bank adjacent to school buildings. Stem leaning towards access road. Crown lift to clear pedestrian access.	C.1.2 10 to 20 yrs	
1239 1239 Mountain Ash <i>Sorbus aucuparia</i>	5	1	165	N E S W	3 3 1 3	3 3 3 3	SM A: 12.3 R: 1.97	Poor	C: Poor S: Poor B: Poor	Fell :: Fell and remove stump(s) Mountain ash planted in grass verge adjacent to access road too close to Tree No.1238. Heavily suppressed to S, basal & stem damage, wounding & cavities. Heavy dieback in crown with low levels of vigour & vitality. Remove and replant elsewhere.	U <10 yrs	
1240 1240 Italian Alder <i>Alnus cordata</i>	17	1	540	N E S W	5 5 5 4	1 1.5 1.5 2	N A: 131.9 R: 6.47	Good	C: Fair S: Fair B: Good	Raise low canopy :: To 4.0m Alder planted in grass verge adjacent to access road. Stem lean to the NE (downhill). Crown lift to clear vehicle & pedestrian access.	C.1.2 10 to 20 yrs	
1241 1241 Italian Alder <i>Alnus cordata</i>	17	1	500	N E S W	5 5 5 5	2 1 2 1.5	M A: 113.1 R: 6	Good	C: Good S: Fair B: Good	Raise low canopy :: To 4.0m	C.1.2 10 to 20 yrs	
1242 1242 Italian Alder <i>Alnus cordata</i>	16	1	580	N E S W	5 6 6 6	2 2 2 3	M A: 152.2 R: 6.96	Fair	C: Poor S: Fair B: Fair	Raise low canopy :: To 4.0m 3rd in a line of alders planted in grass verge adjacent to access road. Stem lean to the E (downhill) with surfsve damage to the root plate in the W quadrant. Crown lift to clear vehicle & pedestrian access.	C.1.2 10 to 20 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					

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations		Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
1243 1243 Silver Maple <i>Acer saccharinum</i>	17	2	642 (Eq)	N E S W	8 7 9 8	3 3 3 4	M A: 186.7 R: 7.7	Fair	C: Fair S: Fair B: Fair	Planted maple in green space overhanging school building. Fair condition with no work required at this time.	C.1.2 10 to 20 yrs	
1244 1244 Bird Cherry <i>Prunus padus</i>	5	1	250	N E S W	4 3 7 4	1.5 1.5 1.5 1.5	M A: 28.3 R: 3	Poor	C: Poor S: Poor B: Fair	Fell :: Fell and remove stump(s) Cherry planted in green space between access road & school building. Heavily suppressed by Tree No. 1243 next to it; stem defects & cavities with low levels of vigour & vitality. Fell & replant elsewhere.	U <10 yrs	
1245 1245 Whitebeam <i>Sorbus aria</i>	9	1	350	N E S W	5 5 5 5	2 2 2 2	M A: 55.4 R: 4.19	Good	C: Fair S: Fair B: Fair	Raise low canopy :: To 4.0m Remove :: Planting stakes and ties Whitebeam planted on grass bank adjacent to school building. Stake ingested by tree and padded by buttress roots. Acute primary & secondary forks with minor included bark. Crown lift to clear pedestrian access & remove stake.	C.1.2 10 to 20 yrs	
1246 1246 Sycamore <i>Acer pseudoplatanus</i>	9	2	233 (Eq)	N E S W	5 4 3 4	3 3 4 3	SM A: 24.7 R: 2.8	Poor	C: Poor S: Poor B: Poor	Fell :: Fell and remove stump(s) Self-seeded sycamore on river bank growing through & ingesting the boundary fence in front of it. Remove tree.	U <10 yrs	
1247 1247 Common Ash <i>Fraxinus excelsior</i>	9	3	250 (Eq)	N E S W	5 5 4 5	2 2 3 2	SM A: 28.3 R: 3	Poor	C: Poor S: Poor B: Good	Fell :: Fell and remove stump(s) Self-seeded ash growing from river bank through Boundary fence in front of it & ingesting it. Remove tree.	U <10 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					

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations		Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
1248 1248												
Silver Maple <i>Acer saccharinum</i>	21	1	815	N E S W	11 9 10 11	1 2 3 2	OM A: 300.5 R: 9.78	Fair	C: Fair S: Fair B: Fair	Raise low canopy :: To 4.0m Silver maple planted on edge of sports field 3m from boundary fence. Acute primary forks with minor included bark at 2.5m agl. Crown lift to clear pedestrian access.	C.1.2 10 to 20 yrs	
1249 1249												
Silver Maple <i>Acer saccharinum</i>	17	1	660	N E S W	10 11 11 11	2 2 4 2	Dead A: 197.1 R: 7.92	Dead	C: Poor S: Poor B: Poor	Fell :: Fell and remove stump(s) Planted silver maple on edge of playing field 3m from boundary fence. Standing dead tree. Fungal mycelium on lower stem. Tree deathbelieved caused by Honey fungus (<i>Armillaria</i> sp.). Fell tree remove stump & soul arisings to prevent spread of fungus to neighbouring trees.	U <10 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					

Report selection criteria.

Projects.

Blaengwawr Comprehensive School, Aberdare, CF44 6TN.

Date Range.

Any Date

Work types.

----> Fell :: Fell and remove stump(s)
 ----> -No Selection made-
 ----> Raise low canopy :: To 4.0m
 ----> Remove :: Major dead wood
 ----> Remove :: Planting stakes and ties

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) 31
Number of trees in Report selection 31

Age Classifications:	N Newly planted	EM Early Mature	Condition:	C Crown	Stems:	∅ Diameter
	Y Young	M Mature		S Stem		(Eq) Equivalent stem diameter using BS5837:2012 definition
	SM Semi-mature	OM Over Mature		B Basal area		