

Client: David Newman, Quartet Design
 Site: Sipson Village
 Date: 04/07/2013
 Surveyor: Jonathan Hazell

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Tree number	Species	Tree type	Ultimate height (m)	Water demand	Tree height (est) m	Stem diameter (mm)										Branch spread class (radius in m)					Life stage					General observations and comments	Remaining contribution (yrs)				BS5837 category	Stem dia, from BS 5837	RPA radius (m)	RPA (sq. m)	Easting	Northing
						Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	Stem 6	Stem 7	Stem 8	Stem 9	Stem 10	North	East	South	West	Y	SM	M	OM	Vet	× 10	10+	20+	40+								
1	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	6	200	190	140	140						4	4	4	4		yes					Coppiced, bark damage from grazing horses, signs of soil compaction also from grazing				C1	350	4.20	55	507244.11	178227.83	
2	Lawson cypress	<i>Chamaecyparis lawsoniana</i>	Conifer	18	High	7	270									3	3	3	3	yes						Fully furnished to ground level, possibly planted to promote garden centre business				B1	275	3.30	34	507212.77	178213.78	
3	Lawson cypress	<i>Chamaecyparis lawsoniana</i>	Conifer	18	High	8	260									2	2	2	2	yes						Fully furnished to ground level, possibly planted to promote garden centre business				B1	275	3.30	34	507236.00	178216.48	
4	Lawson cypress	<i>Chamaecyparis lawsoniana</i>	Conifer	18	High	7	280									2	2	2	2	yes						Fully furnished to ground level, possibly planted to promote garden centre business				C1	300	3.60	41	507231.68	178212.70	
5	Flowering cherry	<i>Prunus</i> sp.	Broadleaf	9	Moderate	4	140	120	140	150	180					3	3	3	3	yes						Coppiced, and then pollarded at < 2 m, suggests viewed as weed by former occupiers, signs of soil compaction from grazing horses				U	350	4.20	55	507159.26	178274.99	
6	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	140	150	140							2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	250	3.00	28	507160.10	178276.40	
7	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	160	140	150	140						2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	300	3.60	41	507166.56	178276.12	
8	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	150	150	150							2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	275	3.30	34	507173.86	178275.89	
9	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	160	150								2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	225	2.70	23	507180.91	178275.63	
10	Mountain ash	<i>Sorbus aucuparia</i>	Broadleaf	11	Moderate	5	100	100	100	100	100	100				2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	225	2.70	23	507185.54	178275.02	
11	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	140	150	160							2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	275	3.30	34	507189.45	178275.58	
12	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	140	140	140	140						2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	300	3.60	41	507192.55	178275.09	
13	Mountain ash	<i>Sorbus aucuparia</i>	Broadleaf	11	Moderate	5	100	100	100	100	100	100	100	100	100	2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	225	2.70	23	507195.35	178274.90	
14	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	150	140	160	140						2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	300	3.60	41	507199.14	178274.71	
15	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	140	150	160	140						2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	300	3.60	41	507202.74	178274.46	
16	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	150	150	150							2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	275	3.30	34	507209.76	178274.40	
17	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	140	150	160							2	2	2	2	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	275	3.30	34	507214.23	178274.28	
18	Flowering cherry	<i>Prunus</i> sp.	Broadleaf	9	Moderate	6	140	90	130	280	200	200				4	5	6	4	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	450	5.40	92	507221.19	178273.78	
19	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	160	160								4	2	4	1	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	250	3.00	28	507225.39	178272.46	
20	Myrobalan plum	<i>Prunus cerasifera</i> Nigra	Broadleaf	9	Moderate	5	150	160								4	2	4	1	yes						Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses				C1	225	2.70	23	507229.47	178273.66	
21	Lime	<i>Tilia</i> sp.	Broadleaf	22	Moderate	8	240	360	180	180						4	6	5	4	yes						Subsidiary stem from < 1 m, strong forks				C1	525	6.30	124	507231.64	178274.14	
22	Mountain ash	<i>Sorbus aucuparia</i>	Broadleaf	11	Moderate	6	190									3	3	3	3	yes						Clean stemmed, behind portacabin, protected from compaction				C1	200	2.40	18	507243.17	178273.18	
23	Poplar	<i>Populus</i> sp.	Broadleaf	25	High	9	600									3	2	2	4	yes						Single stem, deadwood in crown, ivy on stem, edge of car park				C1	600	7.20	163	507247.25	178272.94	
24	Apple	<i>Malus domestica</i>	Broadleaf	10	Moderate	5	300									3	2	2	4	yes						Unable to access behind fenced boundary to car park				C1	300	3.60	41	507253.02	178273.18	
25	Flowering cherry	<i>Prunus</i> sp.	Broadleaf	9	Moderate	6	350									3	2	2	4	yes						Unable to access behind fenced boundary to car park				C1	350	4.20	55	507259.26	178272.46	
26	Goat willow	<i>Salix caprea</i>	Broadleaf	18	0	6	210									4	1	4	4	yes						Single stem, leans to west				C1	225	2.70	23	507296.25	178269.15	
27	Goat willow	<i>Salix caprea</i>	Broadleaf	18	0	4	280	300								4	1	4	4	yes						Coppiced, suggests viewed as weed by former occupiers, bark damage from grazing horses				C1	425	5.10	81	507348.08	178280.43	

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						Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	Stem 6	Stem 7	Stem 8	Stem 9	Stem 10	North	East	South	West	Y	SM	M	OM	Vet		× 10	10 +	20 +	40 +							
28	Goat willow	<i>Salix caprea</i>	Broadleaf	18	0	7	280	300								5	5	5	5	yes					Coppiced, suggests viewed as weed by former occupiers, bark damage from grazing horses, damage from in-growing fence	yes				U	425	5.10	81	507358.79	178267.87	
29	Goat willow	<i>Salix caprea</i>	Broadleaf	18	0	7	280	300								5	5	5	5	yes					Coppiced, suggests viewed as weed by former occupiers, bark damage from grazing horses, damage from in-growing fence	yes				U	425	5.10	81	507361.27	178254.59	
30	Goat willow	<i>Salix caprea</i>	Broadleaf	18	0	7	70	70	70	70	70	70	70	70	70	5	5	5	5	yes					Coppiced, suggests viewed as weed by former occupiers, bark damage from grazing horses, damage from in-growing fence	yes				U	175	2.10	14	507360.14	178246.48	
31	Goat willow	<i>Salix caprea</i>	Broadleaf	18	0	4	70	70	70	70	70	70	70	70	70	3	3	3	3	yes					Multi-stemmed, low-growing coppice, suggests viewed as weed by former occupiers	yes				U	175	2.10	14	507356.09	178234.10	
32	Goat willow	<i>Salix caprea</i>	Broadleaf	18	0	4	70	70	70	70	70	70	70	70	70	3	3	3	3	yes					Multi-stemmed, low-growing coppice, suggests viewed as weed by former occupiers	yes				U	175	2.10	14	507357.59	178227.28	
33	Goat willow	<i>Salix caprea</i>	Broadleaf	18	0	4	70	70	70	70	70	70	70	70	70	3	3	3	3	yes					Unable to access across mass of vegetation and industrial debris	yes				U	175	2.10	14	507274.42	178189.15	
34	Common ash	<i>Fraxinus excelsior</i>	Broadleaf	23	Moderate	9										5	5	5	5	yes					Unable to access across mass of vegetation	yes				C1				507238.10	178178.76	
35	Sycamore	<i>Acer pseudoplatanus</i>	Broadleaf	22	Moderate	18	720	720								9	9	9	9		yes					Two major limbs above strong fork, massive wound in southernmost one, rope swing, tree house	yes				C1	1025	12.30	475	507358.46	177953.48
36	Horse chestnut	<i>Aesculus hippocastanum</i>	Broadleaf	20	Moderate	18	630									9	7	6	3		yes					Minor deadwood, stubs and decay pockets in main stem	yes				B1	650	7.80	191	507361.00	177939.82
37	Lime	<i>Tilia</i> sp.	Broadleaf	22	Moderate	18	480									5	5	5	3		yes					Significant basal wound	yes				C1	500	6.00	113	507359.30	177930.16
38	Sycamore	<i>Acer pseudoplatanus</i>	Broadleaf	22	Moderate	14	190	240	280	230	230					8	7	5	6		yes					Poor branch removal over access gateway, multi-stemmed coppiced stool suggests viewed as weed by former occupiers	yes				U	550	6.60	137	507414.37	177925.40

From A Field Guide to the Trees of Britain and Northern Europe , Alan Mitchell, 1974

From Appendix A NHBC Part 4 Foundations Chapter 4.2 Building near trees , NHBC, 2010

From Clause 4.6 BS 5837:2012 : o single stem diameter is rounded up to the nearest 25mm, multiple stem diameters are subject to calculation, BSI, 2012

From Annex D BS 5837:2012 , Table D.1, BSI, 2012