

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		< 10	10 +	20 +	40 +						
1	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	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	yes				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		yes			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		yes			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		yes			C1	300	3.60	41	507231.68	178212.70
5	Flowering cherry <i>Prunus</i> sp.	Broodleaf	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	yes				U	350	4.20	55	507159.26	178274.99
6	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	140	150	140								2	2	2	2			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	250	3.00	28	507160.10	178276.40
7	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	160	140	150	140							2	2	2	2			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	300	3.60	41	507166.56	178276.12
8	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	150	150	150								2	2	2	2			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	275	3.30	34	507173.86	178275.89
9	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	160	150									2	2	2	2			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	225	2.70	23	507180.91	178275.63
10	Mountain ash <i>Sorbus aucuparia</i>	Broodleaf	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	yes				C1	225	2.70	23	507185.54	178275.02
11	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	140	150	160								2	2	2	2			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	275	3.30	34	507189.45	178275.58
12	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	140	140	140	140							2	2	2	2			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	300	3.60	41	507192.55	178275.09
13	Mountain ash <i>Sorbus aucuparia</i>	Broodleaf	11	Moderate	5	100	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	yes				C1	225	2.70	23	507195.35	178274.90
14	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	150	140	160	140							2	2	2	2			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	300	3.60	41	507199.14	178274.71
15	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	140	150	160	140							2	2	2	2			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	300	3.60	41	507202.74	178274.46
16	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	150	150	150								2	2	2	2			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	275	3.30	34	507209.76	178274.40
17	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	140	150	160								2	2	2	2			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	275	3.30	34	507214.23	178274.28
18	Flowering cherry <i>Prunus</i> sp.	Broodleaf	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	yes				C1	450	5.40	92	507221.19	178273.78
19	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	160	160									4	2	4	1			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	250	3.00	28	507225.39	178272.46
20	Myrobalan plum <i>Prunus cerasifera</i> Nigra	Broodleaf	9	Moderate	5	150	160									4	2	4	1			yes		Multi-stemmed, hedgerow tree, signs of soil compaction from grazing horses	yes				C1	225	2.70	23	507229.47	178273.66
21	Lime <i>Tilia</i> sp.	Broodleaf	22	Moderate	8	240	360	180	180							4	6	5	4			yes		Subsidiary stem from < 1 m, strong forks		yes			C1	525	6.30	124	507231.64	178274.14
22	Mountain ash <i>Sorbus aucuparia</i>	Broodleaf	11	Moderate	6	190										3	3	3	3			yes		Clean stemmed, behind portacabin, protected from compaction	yes				C1	200	2.40	18	507243.17	178273.18
23	Poplar <i>Populus</i> sp.	Broodleaf	25	High	9	600										3	2	2	4			yes		Single stem, deadwood in crown, ivy on stem, edge of car park	yes				C1	600	7.20	163	507247.25	178272.94
24	Apple <i>Malus domestica</i>	Broodleaf	10	Moderate	5	300										3	2	2	4			yes		Unable to access behind fenced boundary to car park	yes				C1	300	3.60	41	507253.02	178273.18
25	Flowering cherry <i>Prunus</i> sp.	Broodleaf	9	Moderate	6	350										3	2	2	4			yes		Unable to access behind fenced boundary to car park	yes				C1	350	4.20	55	507259.26	178272.46
26	Goat willow <i>Salix caprea</i>	Broodleaf	18	0	6	210										4	1	4	4			yes		Single stem, leans to west	yes				C1	225	2.70	23	507296.25	178269.15
27	Goat willow <i>Salix caprea</i>	Broodleaf	18	0	4	280	300									4	1	4	4			yes		Coppiced, suggests viewed as weed by former occupiers, bark damage from grazing horses	yes				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>	Broodleaf	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>	Broodleaf	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>	Broodleaf	18	0	7	70	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>	Broodleaf	18	0	4	70	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>	Broodleaf	18	0	4	70	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>	Broodleaf	18	0	4	70	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>	Broodleaf	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>	Broodleaf	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>	Broodleaf	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 sp.</i>	Broodleaf	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>	Broodleaf	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 - a 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