

TREE SURVEY SCHEDULE

Fowley Cottage
46 Warblington Road
Emsworth
Hampshire
PO10 7HH

August 2023

Notes for the Tree Schedule

This schedule is based on a tree survey carried out in accordance with the recommendations of British Standard, BS 5837 (2012) "Trees in relation to design, demolition and construction - Recommendations" ('BS 5837') by Michael Roberts on Tuesday the 29th August 2023. Weather conditions at the time were dry with scattered cloud. Deciduous trees were fully in leaf.

The information contained in this schedule reflects the condition of the trees at the time of the survey, based on visual inspection from the ground only; they were not climbed, and no internal investigations were undertaken. A BS 5837 survey for planning or development purposes is not a detailed tree hazard or risk survey. As such, no guarantee is given as to the structural integrity or safety of any trees included.

As trees are dynamic organisms and subject to continual growth and change, no dimensions expressed in this schedule may be relied upon for development planning purposes for more than 24 months from the date of survey. Estimated dimensions are marked 'est'.

1. **No.:** Expressed in sequential order starting from number 1 – woodlands, groups & hedges are prefixed as W, G, & H respectively.
2. **TPO:** Trees, Tree Groups, and Areas of Trees or Woodlands protected by Tree Preservation Order(s) ref. TPO 1352 and 1703; all trees within the TPO are protected from removal or pruning without the prior consent of the Havant Planning Authority.
3. **Species:** The common name as given in "Collins Tree Guide", Johnson & More (2004).
4. **Height:** Estimated with the aid of a 'Disto' laser rangefinder and expressed in metres, to the nearest metre.
5. **Trunk Diameter:** Measured at 1.5m above ground level and expressed in millimetres to the nearest 10mm; where multiple stems are present they are measured individually, and an aggregated equivalent single trunk diameter is calculated in accordance with BS 5837, in order to derive the tree's root protection area ('RPA').
6. **Radial Crown Spread:** Distance in metres from the centre of the trunk to the outermost edge of the crown at each cardinal point of the compass, rounded up to the nearest half metre; or in the case of uniform or symmetrical crowns, the average distance from the centre of the trunk to the outermost edge of the crown.
7. **Crown Clearance:** Mean height, in metres, from adjacent ground level to the lowest point of the live crown.
8. **Height to First Branch:** Height, in metres, of the first significant branch (>100mm diameter), or to crown break from ground level.
9. **Life Stage:** Young, Semi-mature, Mature, Over-mature, Veteran/Ancient.
10. **Physiology:** The tree's health and vigour in comparison to a typical specimen of the same species and age: Good, Average, Below average, Poor, Dead.
11. **Structure:** The tree's structural condition based on assessment of any visible roots, and of its trunk, main branches and crown, noting the presence of any obvious defects or decay: Good, Average, Below average, Poor, Hazardous.
12. **Landscape Value:** An assessment of the tree's visual importance in the local landscape in its present context: High, Moderate, Low, Nil.
13. **Estimated Years:** Estimate of the tree's likely remaining contribution expressed in years: <10, 10-20, 20-40, 40+.
14. **Comments:** Notes relating to the tree's health and condition, structure and form, estimated life expectancy and importance within the local landscape; including notes of any restrictions to access for inspection, presence of potential habitat features (natural or artificial), or other significant observations.
15. **Category:** - A rating given to trees based on Table 1 in BS 5837, summarised below:

Category 'U' - Trees in such a condition that any existing value would be lost within 10 years and which should, in the current context, be removed for reasons of sound arboricultural management.

Category 'A' - Trees of high quality and value; in such a condition as to be able to make a substantial contribution (normally a minimum of 40 years).

Category 'B' - Trees of moderate quality and value; those in such a condition as to make a significant contribution (normally a minimum of 20 years).

Category 'C' - Trees of low quality and value; currently in adequate condition to remain until new planting could be established (normally a minimum of 10 years), or young trees with a stem diameter below 150mm.

Sub-categories (where appropriate); 1 – Mainly arboricultural qualities: 2 – Mainly landscape qualities: 3 – Mainly cultural values, including conservation.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Crown Clearance	Height to 1st Branch	Life Stage	Physiology	Structure	Landscape Value	Est. Years	Comments	Category
1	Silver Birch	14m	500mm est	N6m E6.5m S5m W5m	N3m NE2m	4.5m NE	Mature	Below average	Below average	Moderate	20-40	Evidence of root plate movement; heavily leaning trunk; previously topped on the past; minor deadwood in crown; slightly sparsely foliated.	C (1)
2	Crab Apple	7.5m	250mm est	E2m S4.5m W6m NW4m	2m	3.5m	Mature	Below average	Below average	Low	10-20	Entangled with brambles; unable to assess base due to density of undergrowth; slightly leaning trunk; sparsely foliated; domestic fruit tree; of limited potential.	C (12)
3	Holly	6.5m	250mm est	4m	0m	1m	Semi-mature	Average	Below average	Low	20-40	Entangled with ivy; unable to survey the base of the trunk; of moderate quality, but currently of low value due to small size.	C (12)
4	Hazel	8m	200mm est	3.5m	1m		Semi-mature	Poor	Below average	Low	<10	Entangled with brambles; unable to assess the base of the trunk; poor crown conformation; very sparsely foliated; of no potential.	U
5	Silver Birch	8.5m	250mm 235mm	NE5.5m SE3m SW4.5m NW5m	NE0.5m SW2m	1m	Semi-mature	Average	Below average	Low	20-40	Entangled with brambles at the base; ivy on trunks; twin stemmed from base; suppressed crown as overtopped by adjacent specimens; of limited potential.	C (12)
6	Monterey Pine	17.5m	1090mm	NE8m SE7.5m SW11m NW8m	N0.5m E0.5m S0.5m W3.5m	2m E	Mature	Average	Average	High	40+	Ivy on trunk; slightly leaning trunk; storm damage in crown; minor deadwood in crown; of visual importance; no significant structural defects found at time of survey.	B (12)
7	Monterey Pine	21m	1115mm	NE9m SE10.5m SW9.5m NW9m	N1m E1m SE0.5m S1m SW2m W1m	2.5m NE	Mature	Average	Average	High	40+	Ivy on trunk; essential component of site in which it stands; minor dead wood in crown ; good example of species; no significant structural defects found at time of survey.	B (12)
8	Apple	2.5m	150mm	2.5m	1m	0.75m	Dead	Dead	Below average	Nil	Dead	Dead tree.	U
9	White Poplar	22m	1000mm est	N11m E10m S10.5m W8.5m	3m	6m W	Mature	Average	Average	High	20-40	Off-site tree; broken branches hung up in crown; minor deadwood in crown; of visual importance.	B (2)
10	Snow Gum	11m	400mm est	N5m E5m S9m W6m	3m	3m S	Semi-mature	Average	Below average	Moderate	20-40	Entangled with brambles at the base; crown overhangs adjacent building; suppressed crown as overtopped by adjacent specimens; of limited potential.	C (12)

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Crown Clearance	Height to 1st Branch	Life Stage	Physiology	Structure	Landscape Value	Est. Years	Comments	Category
11	Monterey Pine	17m	1130mm	9m	3m	2m E	Mature	Average	Average	High	40+	Off-site tree; ivy on trunk; no significant structural defects found at time of survey.	B (12)
12	English Oak	17.5m	900mm	N11m E11.5m S12m W11.5m	E1m	4.5m	Mature	Good	Good	High	40+	Ivy on trunk; particularly good example of species; of particular visual importance; no significant structural defects found at time of survey.	A (12)
13	Norway Maple	13m	400mm est	N5m E5m S5m SW3.5m W5m	4.5m	3.5m	Semi-mature	Average	Average	Moderate	20-40	Previously reduced; small cavities forming at sites of previous pruning wounds; no significant structural defects found at time of survey.	B (12)
14	Weeping Willow	15.5m	770mm	NE8m SE7m SW9m NW9.5m	2m	2.5m	Mature	Average	Average	Moderate	20-40	Ivy on trunk; previous pollarded in the past; no significant structural defects found at time of survey.	B (12)
15	Cider Gum	18m	700mm ivy	NE7.5m SE9.5m SW6.5m NW4.5m	SE2m	4m	Mature	Average	Below average	Moderate	20-40	Ivy on trunk; slightly leaning trunk; sub dominant stem removed in the past; north side of trunk; asymmetrical crown as suppressed by adjacent specimens; no significant structural defects found at time of survey.	B (2)
16	Snow Gum	22m	1065mm ivy	N7m E8m S11m W9m	4.5m	4m	Mature	Average	Average	Moderate	20-40	Ivy-covered; asymmetrical crown as suppressed by adjacent specimens; no significant structural defects found at time of survey.	B (12)
17	Himalayan Birch	12m	485mm	N6m E7m S6m W2m	4m	2m	Mature	Below average	Below average	Low	20-40	Ivy-covered; slightly leaning trunk; one-sided crown as suppressed by adjacent specimens; much epicormic growth throughout crown.	C (12)
18	English Oak	9m	350mm est	5.5m	3.5m	4m	Semi-mature	Average	Below average	Moderate	20-40	Crown has been severely lifted in past.	C (12)
18	English Oak	10m	450mm	7m	6m	3m	Semi-mature	Below average	Below average	Moderate	20-40	Many non-occluded pruning wounds on trunk; crown has been severely lifted in past.	B (2)
19	Holm Oak	11m	400mm est	6m	5m	4m	Semi-mature	Average	Below average	Moderate	40+	Off-site tree; crown has been severely lifted in past.	B (2)
20	Weeping Willow	5m	750mm ivy est	3.5m	0.5m	3m	Mature	Average	Below average	Low	20-40	Recently pollarded at 3m; regrowth at 2-3m in length.	C (12)

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Crown Clearance	Height to 1st Branch	Life Stage	Physiology	Structure	Landscape Value	Est. Years	Comments	Category
21	Beech	17m	390mm ivy 665mm ivy	N3m E7m SE7m S4m SW9.5m W10m NW9m	1m	3m	Mature	Average	Below average	Moderate	20-40	Asymmetrical crown as once suppressed by adjacent specimen; now pollarded; crown recovering from suppression; ivy on trunks; unable to access tree trunk due to density of ivy; no significant structural defects found at time of survey.	B (12)
22	Sycamore	18m	345mm 375mm	N6m E7m S2m W10m	SW1m	2m	Semi-mature	Average	Below average	Moderate	20-40	Asymmetrical crown as suppressed by adjacent specimens; ivy on trunk; no significant structural defects found at time of survey.	B (2)
23	Horse Chestnut	15m	470mm 260mm 340mm	N3m E7m S4m W9m	W1m	3m	Semi-mature	Below average	Below average	Low	20-40	Suppressed specimen; leaf minor present in foliage.	C (12)
24	Monterey Pine	18.5m	840mm ivy	N8m E9m S5m W10m NW12m	W2.5m NW0m	2m	Mature	Average	Below average	Moderate	20-40	Broken branches hung up in crown; asymmetrical crown as suppressed by adjacent specimens; ivy-covered; no significant structural defects found at time of survey.	B (2)
25-26	Scots Pine	16m	#T25 355mm ivy #T26 335mm ivy	N3m E4m S4m W8m	W2m	3.5m	Semi-mature	Below average	Below average	Moderate	20-40	Ivy covered; slightly leaning trunks; asymmetrical crown as suppressed by adjacent specimens; slightly sparsely foliated.	C (12)
27	Beech	19m	740mm	N9.5m E5m S8m W7m	2m	2m	Mature	Average	Below average	Moderate	20-40	Asymmetrical crown as suppressed by adjacent specimens; no significant structural defects found at time of survey.	B (12)
28	Ash	20m	375mm est 450mm est	N10m E8m S10m W9m	W1m	5m	Mature	Below average	Average	Moderate	20-40	Off-site tree; twin stemmed from base; asymmetrical crown as suppressed by adjacent specimens; slightly sparsely foliated.	B (2)
G1	Cherry Laurel	7m	Avg 200mm est	0m	0m	0m	Dead	Dead	Hazardous	Nil	Dead	Should be removed for sound arboricultural management reasons.	U

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Crown Clearance	Height to 1st Branch	Life Stage	Physiology	Structure	Landscape Value	Est. Years	Comments	Category
G2	Ash, Pissards Plum, Apple and Cherry Laurel	Min 3m Max 7m	Max 150mm	3m	0.5m		Semi-mature	Average	Below average	Low	20-40	Overgrowth area; brambles make it inaccessible; pioneers species and typical garden species within group; of no material value.	C (12)
G3	Hazel, Apple, Pear, Holm Oak & Elaeagnus	Min 3m Max 5m	Max 150mm	3m	0.2m	0.5m	Semi-mature	Below average	Below average	Low	20-40	Entangled with brambles and ivy at the bases, adjoining group in a area of small, ornamental and domestic trees; of limited potential.	C (12)
G4	Bay, Kapuka, Autumn Elaeagnus Pittosporum	Min 4m Max 6.5m	Max 100mm est	3m	0.2m	0.4m	Semi-mature	Average	Below average	Low	10-20	Belt of closely planted specimens, designed to form a screen.	C (12)
G5	Apple, Plum and Pear	Min 4m Max 8m	Max 200mm	5m	1m	1m	Mature	Average	Average	Low	10-20	Group almost completely engrossed by brambles; difficult to assess trunks and sizes; of short term potential only; collection of domestic fruit trees.	C (12)
G6	Monterey Pine	Min 12m Max 16m	Min 400mm Max 620mm	N6m E6m S7m W9m	2m	3m W	Mature	Below average	Below average	Moderate	20-40	Ivy on trunks; mutually suppressed; storm damage in crown; major deadwood in crowns; slightly sparsely foliated; of limited potential.	C (1)
G7	Holly, Hazel, Myrobalan Plum and Bay	6m	Avg 150mm est	5m	0m	0.3m	Semi-mature	Average	Below average	Low	20-40	Of only temporary screening benefit; of only low-level screening value.	C (12)
H1	Privet	3m	Avg 70mm	1m	0m	0.2m	Semi-mature	Average	Average	Low	10-20	Row of closely planted specimens, designed to form a hedge or screen; appears to be regularly managed.	C (12)
H2	Cherry Laurel, Bay and Leyland Cypress	3.5m	Avg 100mm est	1.5m	0.3m	0.5m	Semi-mature	Average	Below average	Low	20-40	Of only low-level screening value; row of closely planted specimens, designed to form a hedge or screen.	C (12)
H3	Leyland Cypress and Laurel	2.5m	Avg 100mm est	1m	1m	0.5m	Semi-mature	Average	Average	Low	20-40	Row of closely growing specimens, forming a hedge or screen; appears to be regularly managed.	C (12)
H4	Lawson Cypress	2.5m	Avg 100mm est	1m	0.1m	0.2m	Semi-mature	Average	Average	Low	20-40	Of only low-level screening value; screens existing tennis court.	C (12)
H5	Beech and Privet	2.5m	Max 100mm	1m	0.4m	0.4m	Semi-mature	Average	Below average	Low	20-40	Row of closely planted specimens, designed to form a hedge or screen.	C (12)