

LAND ADJACENT TO 4 PIPE LANE, ORTON ON THE HILL

TREE SCHEDULE

HCB Solicitors
5273 FE TS 02
March 2014, updated October 2014



Each entry will contain the following information (dependent upon access):

1. **Tree No:** Allocated tree number (a Tree Preservation Order may be signified by a 'TPO' suffix);
2. **Species:** Common names are shown;
3. **Height:** Height of each tree/group in metres to centre of upper crown or highest point;
4. **Trunk Diameter:** Measured in millimetres at 1.5m from ground level; multiple stems are measured separately and the values combined; used to calculate the Root Protection Area (RPA); measurements for the same tree are separated by '–' (e.g. 120-140-100);
5. **Crown Spread:** Measured in metres at compass points (e.g. N, E, S, W); dimensions are taken from centre of trunk to edge of canopy; 'up to' crown spreads will be shown with a repeated number;
6. **Crown Clearance:** Height in metres to lowest branch foliage from ground level;
7. **Age Class:**
 - **Young (Y)** (less than 1/3 through typical life expectancy for species);
 - **Middle aged (MA)** (from 1/3 to 2/3 through typical life expectancy for species);
 - **Mature (M)** (over 2/3 through typical life expectancy for species);
 - **Over mature (OM)** (beyond typical life expectancy for species);
 - **Veteran (V)** (of biological, cultural or aesthetic value, usually appears beyond typical age range for species);
 - **Various (VAR)** (contains more than one of the above classes);
8. **Physiology:** Considered to be one of the following: **Average (A)** / **Below average (B)** / **Low (L)** / or **Dead (D)**;
9. **Structure:** Considered to be one of the following: **Good (G)** / **Moderate (M)** / **Indifferent (I)** / **Poor (P)** / or **Hazardous (H)**;
10. **Comments:** A description of general form, including presence of physical defects, disease or decay and other appropriate details based on vitality, context, potential and overall structural integrity;
11. **BS 5837:2012 Category:** Each individual tree, group or collection is assigned a category as defined in Table 1 of BS5837:2012; (Note: a combined rating may be applied where individuals gain a higher category as part of a group or collection);
 - U: Trees recommended for removal; in such a condition that any existing contribution would be lost within 10 years; shown with a red canopy edge on First Environment plans;
 - A: Trees of high quality and value; likely to make a substantial contribution for at least 40 years; shown with a green RPA on First Environment plans;
 - B: Trees of moderate quality and value; likely to make a significant contribution for at least 20 years; shown with a blue RPA on First Environment plans;
 - C: Trees of low quality and value; could remain for at least 10 years until new planting has established; young trees with a stem diameter < 150mm; shown with a grey RPA on First Environment plans.

Note: This schedule does not constitute a health and safety survey. Appropriate additional inspections should be conducted for matters pertaining to health and safety or duty of care requirements.

Tree No.	Species	Height (m)	Trunk Diameter (mm)	CS N (m)	CS E (m)	CS S (m)	CS W (m)	Crown Clearance (m)	Physiological Condition	Structural Condition	Age Class	Comments	Category
1	Horse Chestnut	21	1345	10	11	7.75	11	2.5	A	I	M	Single trunk; grows on raised grass covered mound changing levels N to S by approx. 0.5m; pronounced buttress roots on all sides; some superficial bark damage most likely done by livestock; established epicormic growth on lower bole particularly on the S/SW; forks at c.2.25m into dominant E/sub dominant N/W; junction points appear sound; many branch removal cuts throughout main scaffold particularly in lower section as a result of crown lifting in the past; all have some callus growth; inner wood appears decayed; typical for the species which is poor at compartmentalisation; no clear visual indication of any pathogenic infection; with remedial pruning could be retained for the moderate term within an appropriate context; many branches in lower canopy have excessive branch end weight leading to excessive stress on the main union; particularly lowest limb on NE side which hangs over adjacent paddock - this could be removed at approx.9m; tall established tree; visible for some distance across proposed site to NW and beyond to S across open fields; itself provides a definite arboriculture feature; as long as appropriately managed/maintained capable of making some future contribution.	C12
2	Yew	10	450	8.5	8.5	8.5	8.5	2	A	I	Y	Single trunk; dense coverage of foliage throughout makes detailed inspection of structure/canopy difficult; appears typical for species type; wide spreading; may have had top section removed or cut out in the past leading to a flat top/shape to the crown; provides definite length of screen on the boundary; otherwise no particular arboricultural merit.	C12
3	Beech	22	1460	15	15	15	15	1	BA	P	OM	Growing at some distance from fence; significant surface rooting up to 2 or 3m from trunk; growing on slight mound but with foot path adjacent which has suppressed some of the rooting; surface roots extend in all directions; very significant base with much buttressing and roots having grown together; vast majority of buttress contain <i>Ganoderma sp.</i> brackets which extend for some distance up the trunk where other brackets also begin to appear; difficult to clearly identify due to combination of height and foliage on surrounding trees; quite likely that <i>Fomes fomentarius</i> is also present - 3 brackets counted including freshly erupting ones; tree is likely to be significantly compromised within the main trunk; scaffold above appears typical for the species given its age and location; shows very poor extension growth; below average leaf size and poor density particularly in the upper central canopy; also contains several pieces of large deadwood towards the top of the tree; likely to be of only short term potential; owner informed verbally of the condition of the tree and additional investigations recommended.	U

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4	Common Lime	12	350	6.5	6.5	6.5	6.5	1	A	I	MA	Single trunk; forks at c.2.5m into 4 stems with some branches within; most dominant W/NE; junction points appear sound; spreading crown; established ornamental type; no particular arboricultural merit; provides low level screen on the boundary.	C12
5	Hazel	4	465	2	2	2	2	1	A	I	MA	Established ornamental planting in rear garden of vicarage; single trunk with suckers from base; structure and canopy typical for the species; adds to garden context but unlikely to be significant in external views.	C12
6	Copper Beech	18	860	10.5	10.5	10.5	10.5	1.75	A	I	M	Growing within rear garden of vicarage; very substantial buttress rooting on all sides up to 1.5m from base; rising to 1m in height; distinct mark at that point suggesting graft which would be in keeping with species; trunk rapidly develops distinct lean to W which corrects by 3m; at c.5m on the N quarter is a branch union with significant adaptive growth below; reason unclear; appears sound for present; quite a spreading crown form; several tear outs in the scaffold, most notable at c.8m; good extension growth and leaf density; slightly below average leaf size in upper canopy; otherwise typical for the species; large tree; likely to be visible primarily from within garden in which it stands due to adjacent vegetation; visible E across proposed site; category C due to impaired structure and limited visibility from public view points.	C12
7	Deodar Cedar	14	430	4.5	4.5	4.5	4.5	0.25	A	I	MA	Established ornamental planting; growing within rear garden of vicarage; single trunk; maintains a single lead; structure and canopy typical for the species; likely visible primarily from within garden; also from across site to E; likely to be of long term potential.	C12
8	Silver Birch	13	250	4.5	4.5	4.5	4.5	3	A	I	Y	Single upright trunk; becoming twin stemmed in upper canopy; uniform crown spread; established ornamental planting; provides a temporary low level screen.	C12
9	Common Lime	19	1060	6.5	6.5	6.5	6.5	3	A	I	M	Single upright trunk; surrounded on all sides from base up to 4m by dense epicormic growth which has recently been cut back/fail cut; structure above typical for species type; narrow crown form; above average amount of deadwood throughout; visual evidence of regular pruning/crown reduction; established tall tree; likely visible for some distance outside site to SE; no clear visual indications of any pathogenic infection; considered of some arboricultural value; could be retained for moderate term.	B12
10	Silver Birch	10	225	3.5	3.5	3.5	3.5	2	A	I	Y	Established ornamental planting within rear garden of vicarage; suggestions of surface roots below grass at base; single trunk to c.2.5m where it forms dominant W/sub-dominant E stems; slightly suppressed in canopy and scaffold; likely to be of some potential.	C12

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11	Silver Birch	9	230	3.25	3.25	3.25	3.25	2	A	I	Y	Established ornamental planting within rear garden of vicarage; single upright trunk; scaffold suppressed particularly to W by adjacent trees; canopies typical of species within context.	C12
12	Blue Atlas Cedar	10	280	3.25	3.25	3.25	3.25	1	A	I	Y	Single trunk with large surface roots up to 1.5m to S; upright form; canopy somewhat suppressed from N by adjacent Willow; otherwise typical for the species.	C12
13	Weeping Willow	13	450	3 NE	5.25 SE	9.25 SW	6 NW	1	A	P	MA	Established likely ornamental planting growing within area of Cherry Laurel; single trunk which rapidly develops lean to S which does not correct until main union; this occurs at c.4m from ground where it forms dominant upright/ sub-dominant S stems; scaffold heavily suppressed/absent to N; canopy typical for the species within this context; likely to be primarily visible from within garden but also from site to E.	C12
14	Ash	9	450	6	6	6	6	2	BA	P	MA	Growing within area of Cherry Laurel; also partially obscured by Ivy which appears to have been severed in the past; present as dead stems; single trunk; distinct lean to W from ground level; forms dominant N/sub-dominant S stems at c.4.5m; entire scaffold and canopy heavily suppressed and largely absent to W due to adjacent tree; overall of poor form; adds to the overall treescape of garden; likely of reduced potential; visible across site to E.	C12
15	Ash	13	480 over Ivy	5.25 NE	3.5 SE	7.25 SW	4.25 NW	2	A	I	MA	Likely self seeded tree growing within area of shrubs which include Bramble and Holly; single trunk which appears to form co-dominant E/W stems at c.6m; trunk and majority of scaffold obscured by dense Ivy; appears to have been suppressed and crown lifted in the past leading to a relatively high and compact crown; adds density to the screen; one of the more established trees within the vicinity; no particular arboricultural merit.	C12
16	Leyland Cypress	8	185	2	2	2	2	0	A	I	Y	Established tree; possibly planted as part of the adjacent conifer hedgerow; has not been maintained as hedge and has therefore attained more height; does appear to have been topped in the region of 2.5m in the past; possibly earlier at 1.5m in line with rest of the hedge; however now forming a small tree next to hedgerow feature; could be reduced back into adjacent hedge; distinctly one sided form; heavily suppressed by tree to W; likely of reduced potential.	C12
17	Hawthorn	7	230 over Ivy	3.25	3.75	2	1	E 3	A	P	MA	Established specimen; likely self seeded; possibly former hedgerow specimen which has been allowed to grow out; heavily suppressed from W by adjacent tree and lifted to E to allow access into adjacent field; canopy also overtopped by adjacent Ash tree; currently of poor form and no particular arboricultural merit; could be retained for current benefits it provides.	C12

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18	Holly	9	300 over Ivy	3	3	3	3	2 N	A	P	MA	Part of established specimens growing from within hedgerow; both have single trunks with thick Ivy stems which partially obscure the trunks; impact wounds on T19 on N quarter; appear to be occluding well with only some degradation to exposed wood; mutually suppressed scaffold; forming a single aerodynamic crown; likely visible for some distance along adjacent road; also S across field.	C12
19			400 over Ivy										
G1	Various	10	Up to 250	3	3	3	3	2	A	I	Y/MA	Collection of various ornamental species including Cherry, Magnolia and Plum; planted as ornamental types; as a collection provide a low level screening benefit otherwise of no arboricultural merit.	C12
G2	Cypress									I		Trees have been removed.	
G3	Lawson Cypress & Silver Birch	10	300	2	2	2	2	2	A	I	MA	3 ornamental plantings; provide a temporary low level screen; individually of no particular arboricultural merit; could be retained as a collection for the low level screening benefit they provide.	C12
G4	Apple											These trees have been removed.	
G5	Ash Norway Spruce	12	665 330	6	6	6	6	0.5	A	I	MA	Pair of trees; currently as a pair provide a low level screen; visible for some distance outside the site to E and SE across front garden of offsite residential property; individually and as collection of no particular arboricultural quality or value; should not present any constraints to proposals.	C12
H1	Leyland Cypress	1.75	90	0.25	0.25	0.25	0.25	0	A	I	Y	Regularly maintained Cypress hedge within rear garden of vicarage; heavily trimmed/suppressed to W leaving poor coverage; however does provide dense low level screen between vicarage and proposed site.	C12
H2	Various	2.5	Up to 100	2	2	2	2	0	A	I	MA	Species include Sycamore, Elder, Elm and Bramble; hedgerow which appears to be regularly maintained but appears to have grown out at time of survey; quite a wide feature although regularly trimmed; has become invade by large quantity of bramble and Ivy; dense low level feature which provides a s screen between road to N and site to S.	C12