

**BS 5837:2012 Tree Schedule: Longford Park,
Banbury**

BS 5837:2012 Tree Survey Schedule

For each individually surveyed tree or group entry the following information may be provided:

1. **Tree No:** Allocated tree number (a Tree Preservation Order number may also be incorporated)
2. **Species:** Unless requested otherwise common names are shown
3. **Height:** Height of each tree/group in metres to centre of upper crown or highest point
4. **Trunk Diameter:** Usually at 1.5m from ground level for single trunked specimens, or root flare / base for multiple trunked specimens (whichever is most appropriate). The point of measurement will be specified if different to 1.5m
5. **Crown Spread:** Measured on compass points (e.g. N, E, S, and W). Dimensions are taken from centre of trunk to edge of canopy
6. **Crown Clearance:** Height in metres to lowest branch foliage from ground level.
7. **Age Class:**
 - Young (less than 1/3 through typical life expectancy for species)
 - Early Mature (from 1/3 to 2/3 through typical life expectancy for species)
 - Mature (over 2/3 through typical life expectancy for species)
 - Over mature (beyond typical life expectancy for species)
 - Veteran (of biological, cultural or aesthetic value, usually appears beyond typical age range for species)
8. **Physiology:** Considered to be one of the following: Average / Below average / Low / or Dead
Structure: Considered to be one of the following: Good / Moderate / Indifferent / Poor / or Hazardous
9. **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- purpose being to inform any need for immediate tree works.
10. **BS 5837:2012 Category:** Each individual tree, group or collection is rated as one of the following (note that a combined rating may also be applied)
 - **U:** Trees recommended for removal, in such a condition that any existing contribution would be lost within 10 years; highlighted red within the schedule
 - **A:** Trees of high quality and value, likely to make a substantial contribution for at least 40 years; shown with a green RPA on aspect 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 aspect plans.
 - **C:** Trees of low quality and value, could remain for at least 10 years until new planting has established, or young trees with a stem diameter < 150mm; shown with a grey RPA on aspect plans.

Note: This schedule in no way constitutes a health and safety survey. Where concerns for tree health and safety exist the necessary and appropriate tree inspections should be carried out.

Tree Number	Common Species Name	Height (M)	Trunk Diameter (mm)	Crown Spread (M)	Crown Clearance (M)	Life Stage	Physiological Condition	Structural Condition	Comments	Category	RPA Radius (mm)
1	Ash	8m	12 x 110 ave.	up to 4.25	2.25	Mature	Average	Indifferent	Appearance consistent with being part of historic laid boundary hedgerow; forms cohesive crown with tree no. 2; of low arboricultural quality; likely to provide level of screening of site from adjacent highway.	C 12	4.5
2	Ash	10m	5 x 120 ave.	up to 4.25	2.25	Mature	Average	Indifferent	Appearance consistent with being part of historic laid boundary hedgerow; forms cohesive crown with tree no. 1; of low arboricultural quality; likely to provide level of screening of site from adjacent highway.	C 12	3.3
3	Ash	9m	6 x 180 Ave.	5.75	3	Early Mature	Average	Indifferent	Appearance consistent with historic layed/coppiced hedgerow tree; average amount of deadwood within crown; of low arboricultural quality.	C 12	5.4
4	Ash	7m	8 x 120 Ave.	4.75	2.25	Early Mature	Average	Indifferent	Coppice stool; located within field boundary; of low arboricultural quality.	C 12	3.9
5	Sycamore	11m	5 x 230 ave.	5.5	2	Early Mature	Average	Indifferent	Appearance consistent with having been previously layed/coppiced; located within field boundary; of low arboricultural quality.	C 12	6.3
6	Horse Chestnut	15m #	900 #	8.25	5m	Mature	Average	Indifferent	Offsite; located within prominent position; unable to inspect due to access.	C 12	10.8
7	Copper Beech	20m #	1200 #	10	5m	Mature	Average	Moderate	Offsite, located within private garden; unable to inspect due to access; considered likely to be most established example of its type locally.	A 12	14.4
8	Ash	8m #	210	5	2.5m	Early Mature	Average	Indifferent	Possibly located within highways ownership.	C 12	2.4
9	Ash	9m #	510	7	3m	Mature	Below Average	Poor	Located within field boundary; appearance consistent with historic laid hedgerow tree; significant decay present at base; early loss is anticipated.	U	N/A
10	Horse Chestnut	17m #	900 #	10	5m	Mature	Average	Indifferent	Offsite; established boundary tree; single stem; unable to inspect base due to access; structure and habit appear typical for species.	C 12	10.8
11	Ash	10m	330 290 380	6.25 3.25 4 4.5	3	Mature	Average	Poor	Appearance consistent with historic coppiced hedgerow tree; 3 stemmed from base; basal decay present; structure heavily obscured by ivy; average amount of deadwood within crown; of low arboricultural quality.	C 12	6.9
12	Sycamore	7m	410	1.75 6 6.5 5	0.5	Mature	Average	Poor	Previously layed; regeneration forms hedge to east; stem corrects to west at 1m.	C 12	4.8
13	English Oak	12m	1260 @ 500	6 6.25 7.25 6.75	3.5	Mature	Average	Good	Single stout stem; structure typical for species given context; radial dense crown; below average deadwood within crown; average level of epicormic growth; of high arboricultural quality; lower limb previously removed to Northeast.	B 12	15
14	Ash	9m	6 x 160	5# 6.75 5 6.25	4	Mature	Average	Poor	Previously layed hedgerow Ash; above average level of deadwood within canopy; of low arboricultural quality.	C 12	4.8
15	Ash	7m	16 x 180	3.5 2.5# 2.5 2.5	2.5	Mature	Average	Poor	Previously layed Ash; more recently topped at approx 1.4m; structure and form typical given context and previous maintenance; of low arboricultural quality.	C 12	8.7

Tree Number	Common Species Name	Height (M)	Trunk Diameter (mm)	Crown Spread (M)	Crown Clearance (M)	Life Stage	Physiological Condition	Structural Condition	Comments	Category	RPA Radius (mm)
16	Horse Chestnut	8m	580	5# 5 4.25	2	Mature	Average	Indifferent	Single stem; forks at approx. 2m; showing symptoms consistent with very early stages of Pseudomonas infection; otherwise structure and habit typical for species.	C 12	6.9
17	Ash	7m	220	2# 0 3.25 4.5	4	Early Mature	Average	Poor	Single stem; distinct lean to west due to suppression by neighbouring T no.16; previously crown lifted to 4m; of low arboricultural quality.	C 12	2.7
G1	Sycamore Wych Elm	11m - 13m	6 x 250mm max	7.5	2.75	Mature	Average	Indifferent	14no. Mature trees plus associated understorey; predominantly previously layed/coppiced and since regenerated; individually of low arboricultural quality; forms grown out field boundary hedgerow; individually of low arboricultural quality; likely to provide mid level screening of site from highway to west.	C 12	7.2
G2	Ash Sycamore	8 - 13m	6 x 240 max.	5.75	2.75	Mature	Average	Indifferent	8no. Coppice stools plus associated understorey; forms grown out field boundary hedgerow; individually of low arboricultural quality; likely to provide mid level screening of site from highway to west.	C 12	6.9
G3	Sycamore	6 - 12m	6 x 300mm max.	7.25	4m max	Mature	Average	Indifferent	17no. Sycamore; predominantly historic layed/coppiced; forms grown out field boundary hedgerow; individually of low arboricultural quality; likely to provide low level screening of site from highway to west.	C 12	8.7
G4	Sycamore Ash	9 - 10.5m	4 x 200 ave.	4.35	2.25 - 3m	Mature	Average	Indifferent	8 no. Sycamore with 1no. Ash, predominantly historic layed/coppiced; forms grown out field boundary hedgerow; individually of low arboricultural quality; likely to provide low level screening of site from highway to west.	C 12	4.8
G5	Ash Sycamore Elm Hawthorn	3 - 9m	4 x 200 ave.	2 - 5m	0m	Mature	Average	Indifferent	predominantly historic layed/coppiced; forms grown out field boundary hedgerow; individually of low arboricultural quality; likely to provide low level screening of site from highway to west.	C 12	4.8
G6	Privet	3.5m max.	40 ave.	2m	0m	Young	Average	Indifferent	Belt of planted Privet to roadside of boundary hedgerow; of low arboricultural quality.	C 12	0.6
G7	Ash Hazel Hawthorn Field Maple Viburnum	3 - 10m	6 x 210mm	6.25	0.5 - 4	Young - Mature	Average	Indifferent	Grown out field boundary; many trees previously layed; etiolated structure due to mutual competition; individually of low arboricultural quality; likely to provide screening of site from residential properties to the south.	C 12	6.3
G8	Hybrid Black Poplar	21 - 22m	550mm #	6.5	5	Mature	Average	Moderate	6no. Offsite group; Located approx 2m to south of boundary fence; form principle high level components of boundary group; likely visible from distances to north.	B 12	6.6
G9	Leyland Cypress	14m #	250 - 550mm #	5 #	3#	Mature	Average	Indifferent	3no. Offsite group; located approx. 10m south of boundary fence; structures and habits typical for species.	C 12	3.0 6.6
G10	Sycamore Elm Hawthorn Elder Field Maple White Willow Blackthorn Ash	2m	up to 400mm	2.00	0.50	Mature	Average	Indifferent	Previously layed field boundary hedge; maintained by flail to 2m; structure and habit typical for species given context; individuals more mature at western end of hedgerow.	C 12	Up to 4.8
G11	Ash Blackthorn Elm Hawthorn Field Maple	3 - 3.75m	up to 260mm	1.5	0.5	Mature	Average	Indifferent	Previously layed field boundary hedge; previously maintained by flail to approx 2m; structure and habit typical for species.	C 12	3
G12	Hawthorn Blackthorn Field Maple	5 - 8m	250mm	4.75	0.5	Mature	Average	Indifferent	Grown out etiolated field boundary hedgerow; individually of low arboricultural quality; likely to provide dense boundary screen.	C 12	3
G13	Alder	6 - 9m	up to 220mm	up to 3	3	Early Mature	Average	Indifferent	12no. Planted belt behind hedgerow; etiolated structure due to mutual competition; structure and habit otherwise typical for species.	C 12	2.7

Tree Number	Common Species Name	Height (M)	Trunk Diameter (mm)	Crown Spread (M)	Crown Clearance (M)	Life Stage	Physiological Condition	Structural Condition	Comments	Category	RPA Radius (mm)
G14	Blackthorn Elder Sycamore Field Maple Ash Elm	2m	up to 250mm	1.5	0.5	Mature	Average	Indifferent	Previously laid boundary hedgerow; maintained by flail to 2m.	C 12	3