



Land at Ham Manor  
West Drive  
Angmering  
Littlehampton  
BN16 4JE

December 2016

## Notes for the Tree Schedule

This schedule is based on an inspection carried out by Michael Roberts on Wednesday the 21<sup>st</sup> December 2016. Weather conditions at the time were overcast with light showers. Deciduous trees were not in leaf.

The information contained in this schedule reflects the conditions of those specimens at the time of inspection. They were inspected from the ground only; they were not climbed and no internal investigations were undertaken, thus no guarantee may be given as to their structural integrity.

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

1. **No:** Expressed in sequential order starting from number 1 – woodlands, groups & hedges are prefixed as W, G, & H respectively.
2. **Species:** The common name as given in “Collins Tree Guide”, Johnson & More (2004).
3. **Height:** Estimated with the aid of a ‘Disto’ laser range finder and expressed in metres.
4. **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 a cumulative total calculated in accordance with BS5837 (2012).
5. **Radial Crown Spread:** Distance in metres from the centre of the trunk to each cardinal point of the compass and rounded up to the nearest half metre.
6. **Crown Clearance:** Mean height from adjacent ground level to the lowest point of the crown.
7. **Height to First Branch:** Height, in metres, of the first significant branch (100mm) or to crown break from ground level.
8. **Life Stage:** Young, Semi mature, Mature, Veteran/Ancient.
9. **Physiology:** Health and condition of the tree in comparison to a typical specimen of species and age: Good, Average, Below Average, Poor, Dead.
10. **Structure:** The structural condition of the tree based on an assessment of any visible roots, trunk and crown, noting the presence of any defects or decay: Good, Moderate, Indifferent, Poor, Hazardous.
11. **Landscape Value:** Reflecting the importance of the tree in the local landscape. High, Moderate, Low, Nil.
12. **Estimated Years:** Estimate of remaining contribution expressed in years <10, 10-20, 20-40, 40+.
13. **Comments:** Notes relating to health and condition, structure and form, estimated life expectancy and importance within the local landscape.
14. **Category:** - A rating given to individual trees based on Table 1 in the British Standard, BS 5837 (2012) “*Trees in relation to design, demolition and construction - Recommendations*”.

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 arboriculture 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   | Sycamore   | 12m                        | 370mm ivy                                           | N7.5m<br>E1.5m<br>S5m<br>W6m<br>NW7m | 3m<br>W3m       | 3.5m<br>W            | Semi-mature | Average       | Poor      | Moderate        | 40+        | Ivy-covered; slightly leaning trunk; orientates from same root plate as adjacent tree ; one-sided crown as suppressed by adjacent specimens.                                                                           | B<br>(12) |
| 2   | Sycamore   | 13m                        | 350mm ivy<br>390mm ivy                              | N6.5m<br>E2.5m<br>S6m<br>W1.5m       | 0m<br>N2.5m     | 2.5m S               | Semi-mature | Below average | Poor      | Moderate        | 40+        | Ivy-covered; twin-stemmed from 1m; suppressed tree, reliant on adjacent specimen for wind resistance.                                                                                                                  | C<br>(1)  |
| 3   | Sycamore   | 15.5m                      | 535mm ivy<br>370mm ivy<br>190mm ivy                 | N8.5m<br>E4m<br>S9m<br>W4m           | 4m              | 4m N                 | Semi-mature | Average       | Poor      | Moderate        | 20-40      | Ivy-covered; twin-stemmed from 1m; asymmetrical crown as suppressed by adjacent specimens; crown overhangs adjacent building; suggest pruning back by up to 3m from neighbouring property to avoid future roof damage. | B<br>(12) |
| 4   | Turkey oak | 17.5m                      | 280mm ivy                                           | N4m<br>E3m<br>S1m<br>W1.5m           | 12m             | 12m                  | Semi-mature | Average       | Poor      | Moderate        | 20-40      | Drawn-up specimen with Height/Diameter ratio greater than 50: at risk of failure if companion shelter removed; ivy-covered; single vertical trunk; high crown.                                                         | C<br>(1)  |
| 5   | Sycamore   | 13m                        | 515mm ivy                                           | N2m<br>E6.5m<br>S8.5m<br>W4m         | 5m<br>SE3m      | 4m S                 | Semi-mature | Average       | Poor      | Moderate        | 40+        | Ivy-covered; slightly leaning trunk; many basal suckers; suppressed crown as overtopped by adjacent specimens; suggest pruning back by up to 3m from neighbouring property to avoid future roof damage.                | B<br>(12) |
| 6   | Sycamore   | 17m                        | 395mm                                               | N7.5m<br>E3.5m<br>S3.5m<br>W4m       | 0m<br>N5m       | 5m N                 | Semi-mature | Average       | Fair      | Moderate        | 40+        | Single vertical trunk; asymmetrical crown as suppressed by adjacent specimens; squirrel damage in crown; reliant on companion shelter.                                                                                 | B<br>(1)  |
| 7-8 | Sycamore   | #T7<br>15.5m<br>#T8<br>14m | #T7<br>260mm<br>#T7<br>230mm<br>ivy<br>#T8<br>220mm | N1.5m<br>E2m<br>S5.5m<br>W2.5m       | 0m<br>S3m       | 3m S                 | Semi-mature | Average       | Poor      | Moderate        | 10-20      | Group of drawn-up, mutually suppressed specimens; ivy-covered; #7 Twin-Stemmed from base; suppressed crown as overtopped by adjacent specimens.                                                                        | C<br>(12) |
| 9   | Sycamore   | 17.5m                      | 690mm ivy                                           | N7.5m<br>E5.5m<br>S9m<br>W6m         | 0m<br>S4m       | 6m S                 | Mature      | Average       | Fair      | Moderate        | 40+        | Ivy-covered; slightly leaning trunk; good example of species; topsoil recently disturbed from around root plate; essential component of group in which it stands.                                                      | B<br>(1)  |

| No.   | Species    | Height                         | Trunk Dia.                                   | Radial Crown Spread                  | Crown Clearance  | Height to 1st Branch | Life Stage  | Physiology    | Structure | Landscape Value | Est. Years | Comments                                                                                                                                                                                                                                                                                                                                                                         | Category  |
|-------|------------|--------------------------------|----------------------------------------------|--------------------------------------|------------------|----------------------|-------------|---------------|-----------|-----------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 10    | Sycamore   | 17.5m                          | 570mm                                        | N6.5m<br>E7.5m<br>S7m<br>W5m         | 0m<br>E4m        | 4m SE                | Semi-mature | Average       | Fair      | Moderate        | 40+        | Single vertical trunk; much epicormic growth on trunk; topsoil recently disturbed from around base; asymmetrical crown as suppressed by adjacent specimens; essential component of group in which it stands.                                                                                                                                                                     | B<br>(1)  |
| 11-12 | Sycamore   | #T11<br>8m<br>#T12<br>7m       | #T11<br>280mm<br>#T12<br>180mm               | N3m<br>E3m<br>S2m<br>W4m             | 2m               | 2m                   | Semi-mature | Below average | Poor      | Low             | 40+        | Both trunks have had one large stem closest to site removed, base of tree exceeds size of re-growth or sub-dominant stem; many basal suckers; much epicormic growth on trunk.                                                                                                                                                                                                    | C<br>(12) |
| 13    | Sycamore   | 20m                            | 695mm<br>ivy                                 | 4.5m                                 | 0m<br>SW8m       | 8m W                 | Mature      | Average       |           | Moderate        | 10-20      | Large cavity on N side of trunk where stem historically removed or failed. Measures 250mm in width by 350mm in length; fungal body of Polyporus squamosus within cavity; cavity on old pruning wound at 3m on S side, measures 75mm width and 100mm length; differences in tone when trunk tapped with acoustic hammer suggest internal defects; suggest internal investigation. | U         |
| 14    | Turkey oak | 14m                            | 270mm                                        | N5m<br>NE3m<br>E2m<br>S3m<br>W2m     | 0m<br>E2m        | 3m SE                | Young       | Average       | Poor      | Moderate        | 40+        | Single vertical trunk; suppressed crown as overtopped by adjacent specimens.                                                                                                                                                                                                                                                                                                     | C<br>(12) |
| 15    | Sycamore   | 16.5m                          | 270mm<br>ivy                                 | N2m<br>NE2.5m<br>E2m<br>S0.5m<br>W3m | 0m<br>SE2.5<br>m | 7m<br>SW             | Semi-mature | Average       | Poor      | Moderate        | 40+        | Many basal suckers; single vertical trunk; ivy-covered; drawn-up specimen with Height/Diameter ratio greater than 50: at risk of failure if companion shelter removed.                                                                                                                                                                                                           | C<br>(2)  |
| 16    | Turkey oak | 19.5m                          | 470mm<br>ivy                                 | N5.5m<br>E7m<br>S3m<br>SW9m<br>W7m   | 0m<br>SW5m       | 6m<br>SW             | Semi-mature | Average       | Fair      | Moderate        | 40+        | Ivy-covered; single vertical trunk; asymmetrical crown as suppressed by adjacent specimens.                                                                                                                                                                                                                                                                                      | B<br>(2)  |
| 17-18 | Sycamore   | #T17<br>18.5m<br>#T18<br>17.5m | #T17<br>340mm<br>ivy<br>#T18<br>370mm<br>ivy | 3m<br>S5.5m                          | 3m               | 3m S                 | Semi-mature | Average       | Poor      | Low             | 40+        | Many basal suckers; small cavities forming at sites of previous stems removed on w side; now single vertical trunk; ivy-covered; aerodynamic group with meshing crowns providing companion shelter.                                                                                                                                                                              | C<br>(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  |
|-------|-------------|---------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------|----------------------|-------------|---------------|-----------|-----------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 19    | Turkey oak  | 17.5m                                       | 410mm<br>ivy                                                                                       | N0.5m<br>E3.5m<br>S5m<br>SW6m<br>W4.5m         | 0m<br>SW3m      | 3.5m<br>SW           | Semi-mature | Average       | Poor      | Low             | 40+        | Off-site tree; ivy-covered; slightly leaning trunk; one-sided crown as suppressed by adjacent specimens; significant tear-out wound in upper crown.                                             | C<br>(1)  |
| 20    | Sycamore    | 10m                                         | 180mm<br>400mm                                                                                     | 3m                                             | 10m             | 2m                   | Semi-mature |               | Dead      |                 | No         | Off-site tree; dead tree; above average dead wood in crown.                                                                                                                                     | U         |
| 21    | Sycamore    | 14.5m                                       | 290mm<br>260mm<br>380mm<br>250mm                                                                   | N5m<br>E5.5m<br>S5.5m<br>W3m                   | 0m<br>E1.5m     | 1.5m E               | Semi-mature | Average       | Poor      | Moderate        | 20-40      | Four stemmed from base; ivy-covered; tight compression fork with evidence of included bark; one-sided crown as suppressed by adjacent specimens.                                                | C<br>(12) |
| 22    | Turkey oak  | 21.5m                                       | 530mm                                                                                              | N5.5m<br>NE7m<br>E9m<br>SE8m<br>S5.5m<br>W5.5m | 0m<br>SE1m      | 4m S                 | Semi-mature | Below average | Poor      | Moderate        | 20-40      | Damage to buttress roots; slightly leaning trunk; exudations on trunk; consistent with phytophthora; above average dead wood in crown; asymmetrical crown as suppressed by adjacent specimens.  | C<br>(12) |
| 23-25 | Sycamore    | #T23<br>18m<br>#T24<br>18.5m<br>#T25<br>18m | #T23<br>300mm<br>#T23<br>275mm<br>#T23<br>300mm<br>#T24<br>185mm<br>#T25<br>310mm<br>#T25<br>360mm | N5.5m<br>E4m<br>S7m<br>W6m                     | 0m<br>SW4m      | 4m<br>SW             | Semi-mature | Average       | Poor      | Low             | 20-40      | Former basal growth from larger historical specimen.; evidence as hollow in ground from former trunk; group of small self-seeded specimens; group of drawn-up, mutually suppressed specimens.   | C<br>(1)  |
| 26    | Common lime | 22.5m                                       | 915mm                                                                                              | N4m<br>E6m<br>S6m<br>W3.5m                     | 0m<br>E0.5m     | 3m W                 | Mature      | Average       | Fair      | High            | 40+        | Many basal suckers; twin-stemmed from 2m; many tight branch union points; above average risk of failure; above average dead wood in crown; storm damage in crown; restricted rooting on E side. | B<br>(1)  |
| 27    | Common lime | 23m                                         | 870mm                                                                                              | N6m<br>E7m<br>S5m<br>W7m                       | 0.5m            | 3m W                 | Mature      | Average       | Fair      | High            | 40+        | Many basal suckers; above average dead wood in crown; many tight branch union points; above average risk of failure; storm damage in crown.                                                     | B<br>(1)  |

| No. | Species      | Height | Trunk Dia. | Radial Crown Spread | Crown Clearance | Height to 1st Branch | Life Stage | Physiology | Structure | Landscape Value | Est. Years | Comments                                                                   | Category |
|-----|--------------|--------|------------|---------------------|-----------------|----------------------|------------|------------|-----------|-----------------|------------|----------------------------------------------------------------------------|----------|
| G1  | Silver birch | 12.5m  | Avg 150mm  | 3m                  | 0.5m            | 1.5m                 | Young      | Average    | Poor      | Moderate        | 20-40      | Off-site group of trees; group of drawn-up, mutually suppressed specimens. | B (2)    |