

**Site:** Saint Hill Manor

**Survey date:** 02/07/2024

**Surveyor:** N.Hollett

## Tree Survey Schedule



| Tree ref. | Species                                 | Height (m)    | Stem diameter (mm)    | Branch spread (m)            | Crown clearance (m)                   | Age class           | Physiological condition | Structural condition | Comments                                                                                                                                                                                 | Management recommendation                                   | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m) |
|-----------|-----------------------------------------|---------------|-----------------------|------------------------------|---------------------------------------|---------------------|-------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------|----------------------------------------|----------------------------|
| T1        | Ash (Fraxinus excelsior)                | 12            | 390                   | N: 3<br>E: 2<br>S: 4<br>W: 3 | Crown: 2 average<br>Branch: 4 average | Early mature        | Fair                    | Fair                 | Co-dominant stems from 1.5m with included bark. Significant upper crown dieback and deadwood. Some epicormic growth in lower and centre tree. Minor bark cracking. Located by footpaths. | Monitor trees health annually in August.                    | C1               | 68.8                                   | 4.7                        |
| T2        | Small leaf lime (Tilia cordata)         | 13            | 360                   | N: 2<br>E: 2<br>S: 3<br>W: 3 | Crown: 3 average<br>Branch: 4 average | Semi mature         | Good                    | Good                 | Previously crown lifted. Epicormic growth on stem.                                                                                                                                       | No action required.                                         | B1+2             | 58.6                                   | 4.3                        |
| T3        | Small leaf lime (Tilia cordata)         | 14            | 490                   | N: 4<br>E: 5<br>S: 4<br>W: 4 | Crown: 2 west<br>Branch: 3 south      | Mature              | Good                    | Good                 | Dual stemmed from 2m with minor bark inclusion. Previously crown lifted. Crossing rubbing branches within crown.                                                                         | No action required.                                         | B1+2             | 108.6                                  | 5.9                        |
| G4        | Tulip tree (Liriodendron tulipifera)    | 5-7 average   | 130 average           | 1-2 average                  | 2 average                             | Young               | Good                    | Good                 | Similar age and size trees lining the road edge. Formatively pruned. No major visible defects.                                                                                           | No action required.                                         | B2               | 7.6 average                            | 1.6 average                |
| G5        | Mixed (beech, yew, ash, sweet chestnut) | 10-16 average | 350 average est       | 1-5 average                  | 2-3 average                           | Semi mature         | Good                    | Good                 | Previously crown lifted. Garden waste around stem bases. Ash in decline within group.                                                                                                    | No action required.                                         | C2               | 55.4 average                           | 4.2 average                |
| H6        | Mixed cypress (Cupressus spp)           | 2-6 average   | Up to 100, 75 average | 1-2 average                  | 0 average                             | Young - semi mature | Good                    | Good                 | Some newly planted. Maintained hedgerow providing screening benefits.                                                                                                                    | Remove two sections highlighted on the tree retention plan. | C2               | 2.5 average                            | 0.9 average                |

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|-----------|-----------------------------------|---------------|--------------------|------------------------------|-----------------------------------------|-------------|-------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|----------------------------------------|----------------------------|
| G7        | Mixed (holly, elm, buddleia)      | 2-4 average   | 75 average         | 1-3 average                  | 0 average                               | Semi mature | Good                    | Good                 | Holly maintained into hedgerow structure with sporadic elms within. Elm trees previously pruned. Provides screening.                        | No action required.       | C2               | 2.5 average                            | 0.9 average                |
| G8        | Leylandii (Cupressus × leylandii) | 18-20 average | 450 average        | 1-4 average                  | 4 average                               | Mature      | Good                    | Good                 | Group of formally x3 companion trees forming one canopy. 1x tree recently removed. Previously crown lifted. Camera on stem.                 | Fell to ground level.     | B2               | 91.6 average                           | 5.4 average                |
| T9        | Beech (Fagus sylvatica)           | 14            | 270                | N: 3<br>E: 4<br>S: 4<br>W: 5 | Crown: 1 average<br>Branch: 1.5 average | Semi mature | Good                    | Good                 | Minor suppression from G8. Some previous pruning works over road.                                                                           | Fell to ground level.     | B1+2             | 33.0                                   | 3.2                        |
| T10       | Norway maple (Acer platanoides)   | 14            | 430                | N: 4<br>E: 5<br>S: 6<br>W: 4 | Crown: 1 north<br>Branch: 2 east        | Mature      | Good                    | Good                 | Minor sparse section in upper crown, previously crown lifted. Exposed roots on footpath.                                                    | Fell to ground level.     | B1+2             | 83.7                                   | 5.2                        |
| T11       | Norway maple (Acer platanoides)   | 14            | 450                | N: 5<br>E: 5<br>S: 5<br>W: 6 | Crown: 1 south<br>Branch: 2 average     | Mature      | Good                    | Good                 | Old wire fence within stem. Previously crown lifted.                                                                                        | No action required.       | B1+2             | 91.6                                   | 5.4                        |
| T12       | Sycamore (Acer pseudoplatanus)    | 14            | 500 est            | N: 6<br>E: 7<br>S: 6<br>W: 6 | Crown: 3 west<br>Branch: 3 average      | Mature      | Good                    | Fair                 | Multi stemmed from 0.5m with included bark. Grafted stems. Significantly crown lifted to south-east. Fence around base inhibits inspection. | No action required.       | C1+2             | 113.1                                  | 6.0                        |

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|-----------|---------------------------------------------------------|---------------|--------------------|------------------------------|-----------------------------------------|----------------------|-------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------|----------------------------|
| G13       | Mixed (cypress, silver birch, Norway maple, field male) | 8-17 average  | 280 average        | 1-4 average                  | 1 average                               | Semi mature - mature | Good                    | Good                 | Third party boundary group. Minor deadwood. Previous pruning works undertake. Provides screening to site.                                                                                | No action required.                                                                                                | B2               | 35.5 average                           | 3.4 average                |
| T14       | Pedunculate oak (Quercus robur)                         | 8             | 280 est            | N: 4<br>E: 4<br>S: 1<br>W: 4 | Crown: 1 average<br>Branch: 1 average   | Semi mature          | Good                    | Fair                 | Multi stemmed from 0.5m. Minor deadwood. Companion tree to T15.                                                                                                                          | Fell to ground level.                                                                                              | C1+2             | 35.5                                   | 3.4                        |
| T15       | Pedunculate oak (Quercus robur)                         | 8             | 300 est            | N: 2<br>E: 5<br>S: 5<br>W: 4 | Crown: 1 average<br>Branch: 0.5 average | Semi mature          | Good                    | Fair                 | Multi stemmed from 1m with included bark. Companion tree to T14.                                                                                                                         | Fell to ground level.                                                                                              | C1+2             | 40.7                                   | 3.6                        |
| G16       | Pedunculate oak (Quercus robur)                         | 6-10 average  | 300 average        | 1-6 average                  | 1 average                               | Semi mature          | Good                    | Good                 | Group of similar size and age trees with interlocking crowns. Most multi stemmed from base. Minor deadwood. Minor squirrel damage. Open growth habit. Small ash within group.            | Fell individual tree highlighted on the tree retention plan and crown lift remaining trees to 3m.                  | B2               | 40.7 average                           | 3.6 average                |
| G17       | Goat willow (Salix caprea)                              | 14-16 average | 500 average        | 1-6 average                  | 1 average                               | Mature               | Fair                    | Fair                 | 2x large willows located in overgrown area by barn. Tree closest barn has Ganoderma applanatum brackets at base and stem with large deadwood and crown dieback. Previously limb failure. | Fell individual tree highlighted on the tree retention plan a reduce willow closest barn to 5m to create monolith. | C2               | 113.1 average                          | 6.0 average                |
| G18       | Pedunculate oak (Quercus robur)                         | 12-14 average | 300 average        | 1-5 average                  | 1 average                               | Semi mature          | Good                    | Good                 | Group of oaks of similar size and age. Good open growth habit. 1x ash with significant dieback within group. Willow regen growth around base. No major visible defects.                  | Fell two individual trees highlighted on the tree retention plan.                                                  | B2               | 40.7 average                           | 3.6 average                |

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| Tree ref. | Species                                                     | Height (m)    | Stem diameter (mm)     | Branch spread (m)               | Crown clearance (m)                 | Age class            | Physiological condition | Structural condition | Comments                                                                                                                                                 | Management recommendation                                                                                                        | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m) |
|-----------|-------------------------------------------------------------|---------------|------------------------|---------------------------------|-------------------------------------|----------------------|-------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------|----------------------------|
| T19       | Pedunculate oak (Quercus robur)                             | 18            | 560                    | N: 7<br>E: 6<br>S: 3<br>W: 6    | Crown: 2 north<br>Branch: 4 west    | Mature               | Good                    | Good                 | Minor deadwood. Supressed to south. No major visible defects.                                                                                            | No action required.                                                                                                              | A1               | 141.9                                  | 6.7                        |
| T20       | Pedunculate oak (Quercus robur)                             | 17            | 710                    | N: 12<br>E: 6<br>S: 4<br>W: 10  | Crown: 2 west<br>Branch: 2 north    | Mature               | Good                    | Good                 | Minor west leaning stem. Multi stemmed from 2m. Previously crown lifted. Minor deadwood.                                                                 | No action required.                                                                                                              | A1               | 228.1                                  | 8.5                        |
| T21       | Pedunculate oak (Quercus robur)                             | 17            | 880                    | N: 12<br>E: 9<br>S: 11<br>W: 12 | Crown: 1 south<br>Branch: 2 average | Mature               | Good                    | Good                 | Previously crown lifted over track. Good open growth habit. Minor deadwood. No major visible defects.                                                    | Crown lift to provide 4m clearance.                                                                                              | A1               | 350.4                                  | 10.6                       |
| G22       | Beech (Fagus sylvatica)                                     | 17-20 average | 700 average            | 1-10 average                    | 2 average                           | Mature               | Good                    | Good                 | Dense group of beech trees. Crowns form one canopy. Located on top of bank. Old limb failure within crown. Minor deadwood. Barb wire in stem.            | No action required.                                                                                                              | B1+2             | 221.7 average                          | 8.4 average                |
| G23       | Mixed (oak, ash, hazel, field maple, sycamore, field maple) | 4-18 average  | Up to 400, 250 average | 1-6 average                     | 0 average                           | Semi mature - mature | Good                    | Good                 | Mixed boundary group. Ash in decline within group. Larger oak and ash with hazel dominant understorey. Minor deadwood.                                   | Remove northern section highlighted on the tree retention plan and monitor ash trees for Ash Dieback Disease annually in August. | C2               | 28.3 average                           | 3.0 average                |
| G24       | Ash (Fraxinus excelsior)                                    | 17-20 average | 750 average est        | 1-8 average                     | 2 average                           | Mature               | Fair - poor             | Fair                 | Crown dieback. Large deadwood. Previous limb failure within crown. Dense understorey inhibits inspection of base. Daldinia concentrica present in crown. | Monitor annually in August.                                                                                                      | C2               | 254.5 average                          | 9.0 average                |

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|-----------|--------------------------------------|-------------|------------------------|----------------------------------|---------------------------------------|----------------------|-------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|----------------------------------------|----------------------------|
| T25       | Pedunculate oak (Quercus robur)      | 14          | 640                    | N: 7<br>E: 10<br>S: 10<br>W: 8   | Crown: 3 east<br>Branch: 3 east       | Mature               | Good                    | Good                 | Previously crown lifted with poor finishing cuts. Minor deadwood. Small area of crown dieback in upper crown. Included bark at 6m branch union.                                                                    | No action required.       | B1               | 185.3                                  | 7.7                        |
| T26       | Pedunculate oak (Quercus robur)      | 18          | 1220                   | N: 10<br>E: 13<br>S: 12<br>W: 9  | Crown: 2 north<br>Branch: 4 average   | Mature               | Good                    | Good                 | Previous pruning works Deadwood within crown. Co dominant stems from 4m. Included bark at branch union. Historic branch failure within crown.                                                                      | No action required.       | A1               | 673.4                                  | 14.6                       |
| T27       | Sycamore (Acer pseudoplatanus)       | 14          | 410, 220, 200          | N: 5<br>E: 4<br>S: 5<br>W: 5     | Crown: 0 average<br>Branch: 1 average | Mature               | Good                    | Fair                 | Multi stemmed from base. Minor deadwood within crown. Squirrel damage throughout crown with some occlusion wood growth.                                                                                            | No action required.       | C1               | 116.1                                  | 6.1                        |
| T28       | Pedunculate oak (Quercus robur)      | 17          | 1050                   | N: 11<br>E: 10<br>S: 10<br>W: 11 | Crown: 1 average<br>Branch: 2 east    | Mature               | Good                    | Good                 | Minor deadwood. Open growth habit. No major visible defects.                                                                                                                                                       | No action required.       | A1               | 498.8                                  | 12.6                       |
| G29       | Mixed (elm, sycamore, oak, hawthorn) | 6-9 average | Up to 400, 250 average | 1-5 average                      | 1 average                             | Semi mature - mature | Fair                    | Fair                 | Mixed boundary group. Sycamore multi stem within group. Standing dead elms and elms in decline. Squirrel damage in sycamore.                                                                                       | No action required.       | C2               | 28.3 average                           | 3.0 average                |
| T30       | Sycamore (Acer pseudoplatanus)       | 16          | 520, 490, 200          | N: 7<br>E: 3<br>S: 8<br>W: 7     | Crown: 1 average<br>Branch: 1 average | Mature               | Good                    | Fair                 | Multi stem from base. Minor decay at basal union. Minor deadwood and tip dieback. 1x stem north leaning with compression ribs at base. Deer and squirrel damage. Crossing/grafted branches. Companion tree to T31. | No action required.       | C1               | 249.1                                  | 8.9                        |

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|-----------|--------------------------------|---------------|--------------------|-------------------------------|------------------------------------|-------------|-------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|----------------------------------------|----------------------------|
| T31       | Sycamore (Acer pseudoplatanus) | 16            | 560                | N: 6<br>E: 5<br>S: 4<br>W: 3  | Crown: 2 north<br>Branch: 4 east   | Mature      | Fair                    | Good                 | Companion tree to T30. Multi stemmed from 4m with included bark. Minor tip dieback. Minor bark loss on stem to 4m.                                                     | No action required.       | C1               | 141.9                                  | 6.7                        |
| T32       | Sycamore (Acer pseudoplatanus) | 18            | 740                | N: 6<br>E: 5<br>S: 8<br>W: 6  | Crown: 1 north<br>Branch: 1 east   | Mature      | Good                    | Good                 | Dual stemmed from 2m. Minor deadwood. Metal fence within stem. Reaction growth wood at union.                                                                          | No action required.       | B1               | 247.8                                  | 8.9                        |
| G33       | Sycamore (Acer pseudoplatanus) | 16-18 average | 650 average est    | 1-8 average                   | 0 average                          | Mature      | Fair                    | Fair                 | Row of x4 similar size trees. Intwined crowns. Several multi stemmed from base with included bark. Minor deadwood. Squirrel damage in crown. Metal fence within stems. | No action required.       | B2               | 191.2 average                          | 7.8 average                |
| T34       | Red oak (Quercus rubra)        | 15            | 550                | N: 3<br>E: 8<br>S: 3<br>W: 7  | Crown: 2 average<br>Branch: 2 west | Mature      | Fair                    | Good                 | Previously crown lifted. Minor tip dieback. Epicormic growth on limbs.                                                                                                 | No action required.       | B1               | 136.9                                  | 6.6                        |
| G35       | Field maple (Acer campestre)   | 11-13 average | 300 average est    | 1-4 average                   | 0 average                          | Semi mature | Good                    | Good                 | 2x companion trees. Intwined crowns. Multi stemmed from 1m with included bark. Historic pruning wounds.                                                                | No action required.       | C2               | 40.7 average                           | 3.6 average                |
| T36       | Sycamore (Acer pseudoplatanus) | 16            | 590 over ivy       | N: 8<br>E: 8<br>S: 7<br>W: 11 | Crown: 2 east<br>Branch: 4 average | Mature      | Fair                    | Fair                 | Dense ivy on stem into crown inhibits thorough inspection. Previously crown lifted. Minor deadwood within crown.                                                       | No action required.       | C1               | 157.5                                  | 7.1                        |

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|-----------|--------------------------------------------------------------------|--------------|--------------------|-------------------------------|---------------------------------------|---------------------|-------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|----------------------------------------|---------------------------------------|
| G37       | Mixed (false acacia, field maple, hawthorn, cherry, whitebeam, bay | 3-8 average  | 100 average est    | 1-3 average                   | 2 average                             | Young - semi mature | Good                    | Good                 | Mixed bay and maple group. Area of newly planted saplings. Formatively pruned. No major visible defects.                                                                            | Fell to ground level.     | C2               | 4.5 average                            | 1.2 average                           |
| T38       | False acacia (Robinia pseudoacacia)                                | 17           | 520                | N: 6<br>E: 7<br>S: 6<br>W: 6  | Crown: 1 west<br>Branch: 1 west       | Mature              | Good                    | Good                 | Previously pruned for building. Old limb failure in crown. Minor deadwood. Crossing/rubbing branches.                                                                               | No action required.       | B1               | 122.3                                  | 6.2 amended on tree constraints plan. |
| T39       | European aspen (Populus tremula)                                   | 18           | 530                | N: 5<br>E: 7<br>S: 6<br>W: 7  | Crown: 3 average<br>Branch: 2 west    | Mature              | Good                    | Good                 | Previous pruning wounds. Old stack within stem at base. Small cavity with minor decay at old pruning wound at 1.5m east stem.                                                       | No action required.       | B1               | 127.1                                  | 6.4                                   |
| T40       | European aspen (Populus tremula)                                   | 17           | 480                | N: 12<br>E: 8<br>S: 5<br>W: 7 | Crown: 3 north<br>Branch: 3 average   | Mature              | Good                    | Fair                 | Previously crown lifted with poor finishing cuts. Included bark at 2m west branch union. Crown over building.                                                                       | No action required.       | B1               | 104.2                                  | 5.8                                   |
| G41       | European aspen (Populus tremula)                                   | 8-10 average | 150 average        | 1-3 average                   | 1 average                             | Young - semi mature | Good                    | Good                 | Small row on fence line. Minor deadwood.                                                                                                                                            | No action required.       | C2               | 10.2 average                           | 1.8 average                           |
| T42       | Ash (Fraxinus excelsior)                                           | 17           | 610                | N: 8<br>E: 9<br>S: 7<br>W: 8  | Crown: 4 average<br>Branch: 5 average | Mature              | Poor                    | Poor                 | Significant crown dieback and large deadwood. Overhanging building. Bark cracking and cankering within crown. Old stem wound at 2m north face with exposed heartwood and bark loss. | No action required.       | U                | 168.4                                  | 7.3 amended on tree constraints plan. |

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|-----------|---------------------------------|---------------|--------------------|----------------------------------|-------------------------------------|-----------|-------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------|----------------------------------------|----------------------------|
| T43       | Pedunculate oak (Quercus robur) | 16            | 440                | N: 6<br>E: 5<br>S: 7<br>W: 6     | Crown: 3 west<br>Branch: 3 west     | Mature    | Good                    | Good                 | Previously crown lifted. Minor deadwood. No major visible defects.                                                                                                                                 | No action required.                                          | B1               | 87.6                                   | 5.3                        |
| T44       | Pedunculate oak (Quercus robur) | 16            | 490                | N: 6<br>E: 4<br>S: 7<br>W: 8     | Crown: 3 west<br>Branch: 4 west     | Mature    | Good                    | Good                 | Minor deadwood. No major visible defects.                                                                                                                                                          | No action required.                                          | B1               | 108.6                                  | 5.9                        |
| G45       | Pedunculate oak (Quercus robur) | 14-17 average | 550, 590           | 1-8 average                      | 2 average                           | Mature    | Good                    | Good                 | Companion trees. Intwined crowns. Fence within stem. Minor deadwood.                                                                                                                               | No action required.                                          | B2               | 294.4                                  | 9.7                        |
| T46       | Pedunculate oak (Quercus robur) | 18            | 410, 390 est       | N: 5<br>E: 6<br>S: 10<br>W: 8    | Crown: 3 south<br>Branch: 2 south   | Mature    | Good                    | Fair                 | Dual stemmed from base. Dense understorey inhibits access and thorough inspection. Minor deadwood.                                                                                                 | No action required.                                          | B1               | 144.9                                  | 6.8                        |
| T47       | Ash (Fraxinus excelsior)        | 18            | 450                | N: 4<br>E: 4<br>S: 6<br>W: 4     | Crown: 10 average<br>Branch: 4 west | Mature    | Poor                    | Poor                 | Significant crown dieback and large deadwood. Some epicormic growth. Bark cracking and cankering within crown. Historic limb loss.                                                                 | Recommend fell to ground level due to proximity to building. | U                | 91.6                                   | 5.4                        |
| T48       | Pedunculate oak (Quercus robur) | 18            | 1250               | N: 12<br>E: 12<br>S: 13<br>W: 14 | Crown: 4 average<br>Branch: 5 south | Mature    | Good                    | Good                 | Open growth habit. Deadwood and historic limb failure within crown. Old hazard beams within crowns. 1x split hanging/partially attached limb within southern crown. Previously crown lifted south. | No action required.                                          | A1               | 707.0                                  | 15.0                       |

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|-----------|----------------------------------------------------------------------------------------|---------------|------------------------|------------------------------|---------------------------------------|----------------------|-------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------|----------------------------------------|----------------------------|
| G49       | Mixed (beech, oak)                                                                     | 17-20 average | 750 average est        | 1-8 average                  | 3 average                             | Mature               | Good                    | Good                 | Previously crown lifted south. Historic limb wounds in crown.                                                          | No action required.                                                    | B2               | 254.5 average                          | 9.0 average                |
| W50       | Mixed (oak, ash, beech, hazel, hawthorn, hollow, laurel, willow)                       | 5-20 average  | Up to 700, 300 average | 1-6 average                  | 0-4 average                           | Semi mature - mature | Fair                    | Fair                 | Ash in decline within woodland. Large oak and beech. Deadwood throughout. Desire line footpaths throughout.            | Monolith ash trees within falling distance of paths and parking areas. | C2               | 40.7 average                           | 3.6 average                |
| G51       | Mixed (oak, ash, field maple, laurel, holly, Norway maple, beech, yew, sweet chestnut) | 2-20 average  | Up to 700, 300 average | 1-6 average                  | 0-8 average                           | Semi mature - mature | Fair                    | Fair                 | Some poor previous pruning works for security cameras visibility splays. Some ash with minor dieback.                  | No action required.                                                    | C2               | 40.7 average                           | 3.6 average                |
| T52       | Ash (Fraxinus excelsior)                                                               | 9             | 130, 130               | N: 2<br>E: 2<br>S: 2<br>W: 2 | Crown: 2 average<br>Branch: 2 average | Semi mature          | Good                    | Good                 | Co dominant from base with included bark. Crossing and grafted branches with natural brace. Minor canker in crown.     | No action required.                                                    | C1+2             | 15.3                                   | 2.2                        |
| T53       | Pedunculate oak (Quercus robur)                                                        | 8             | 340                    | N: 4<br>E: 4<br>S: 4<br>W: 4 | Crown: 1 average<br>Branch: 2 average | Semi mature          | Good                    | Good                 | Previously crown lifted. Open growth habit. No major visible defects.                                                  | No action required.                                                    | B1+2             | 52.3                                   | 4.1                        |
| T54       | Pedunculate oak (Quercus robur)                                                        | 18            | 650                    | N: 5<br>E: 8<br>S: 6<br>W: 5 | Crown: 5 east<br>Branch: 4 average    | Mature               | Good                    | Fair                 | Multi stemmed from 4m. North limb previously removed at 6m north for camera visibility splays. Ivy on stem into crown. | No action required.                                                    | B1+2             | 191.2                                  | 7.8                        |

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|-----------|--------------------------------------------------|---------------|--------------------|------------------------------|---------------------------------------|----------------------|-------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------|----------------------------------------|----------------------------|
| T55       | Sweet chestnut (Castanea sativa)                 | 17            | 630                | N: 4<br>E: 5<br>S: 6<br>W: 6 | Crown: 1 average<br>Branch: 4 average | Mature               | Good                    | Good                 | Significant deadwood within crown. Dense ivy on stem into crown inhibits inspection.                                                                                      | No action required.                                                         | C1+2             | 179.6                                  | 7.6                        |
| T56       | Copper beech (Fagus sylvatica)                   | 18            | 760                | N: 7<br>E: 8<br>S: 8<br>W: 8 | Crown: 1 east<br>Branch: 4 average    | Mature               | Good                    | Good                 | Previously crown lifted. Cavity on upper side of primary 4m east limb.                                                                                                    | No action required.                                                         | A1+2             | 261.3                                  | 9.1                        |
| W57       | Mixed (ash, oak, silver birch, hawthorn, willow) | 2-19 average  | 300 average est    | 1-6 average                  | 0-10 average                          | Semi mature - mature | Fair                    | Fair                 | TPO - Third party woodland. Viewed from site only with no direct access. Large area of dying/dead ash trees located opposite access track.                                | Inform owner of dead/dying ash trees within falling distance of site/track. | C2               | 40.7 average                           | 3.6 average                |
| G58       | Mixed (oak, hawthorn, field maple)               | 4-12 average  | 250 average        | 1-5 average                  | 0-2 average                           | Semi mature          | Good                    | Good                 | Boundary group. Provides screening to site. No major visible defects.                                                                                                     | No action required.                                                         | C2               | 28.3 average                           | 3.0 average                |
| G59       | Mixed (oak, ash, hawthorn, field maple)          | 2-12 average  | 200 average est    | 1-4 average                  | 0-2 average                           | Semi mature          | Fair                    | Fair                 | Forms understorey to larger trees. Ash in decline within group.                                                                                                           | No action required.                                                         | C2               | 18.1 average                           | 2.4 average                |
| G60       | Mixed (beech, oak)                               | 17-20 average | 800 average est    | 1-10 average                 | 3 average                             | Mature               | Good                    | Good                 | Large group of oak trees lining woodland edge. Previously crown lifted south although crowns extend over field. Historic limb wounds in crowns. Large deadwood in crowns. | No action required.                                                         | B2               | 289.6 average                          | 9.6 average                |

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## Tree Survey Schedule



| Tree ref. | Species                          | Height (m)  | Stem diameter (mm) | Branch spread (m)            | Crown clearance (m)                   | Age class   | Physiological condition | Structural condition | Comments                                                                                                                                                             | Management recommendation                                                                        | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m) |
|-----------|----------------------------------|-------------|--------------------|------------------------------|---------------------------------------|-------------|-------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------|----------------------------------------|----------------------------|
| T61       | Sweet chestnut (Castanea sativa) | 14          | 820, 730, 720      | N: 6<br>E: 7<br>S: 6<br>W: 6 | Crown: 3 average<br>Branch: 4 average | Mature      | Fair                    | Fair                 | Multi stemmed from base. Minor upper crown dieback and deadwood. Small stem previously reduced. Small Beefsteak fungus bracket present at old pruning wound at base. | Recommend remove deadwood over 50mm in diameter or 1m in length over footpath. Monitor annually. | B1+2             | 707.0                                  | 15.0                       |
| T62       | Ash (Fraxinus excelsior)         | 16          | 850                | N: 5<br>E: 6<br>S: 7<br>W: 6 | Crown: 3 east<br>Branch: 5 east       | Mature      | Fair                    | Fair                 | Dual stemmed from 2m with included bark. Minor crown dieback and deadwood. Ivy on stem into crown inhibits inspection. Recent limb drop evident.                     | No action required.                                                                              | C1+2             | 326.9                                  | 10.2                       |
| T63       | Hawthorn (Crataegus monogyna)    | 7           | 190                | N: 3<br>E: 2<br>S: 2<br>W: 2 | Crown: 2 average<br>Branch: 1 average | Semi mature | Good                    | Good                 | Previously crown lifted. Co dominant t stems from 1.5m.                                                                                                              | No action required.                                                                              | C1+2             | 16.3                                   | 2.3                        |
| T64       | Beech (Fagus sylvatica)          | 13          | 300, 180, 180, 180 | N: 4<br>E: 6<br>S: 4<br>W: 5 | Crown: 1.5 average<br>Branch: 0 south | Semi mature | Good                    | Good                 | Multi stemmed from 0.5m with reaction growth wood. Exposed roots to east.                                                                                            | No action required.                                                                              | B1+2             | 84.7                                   | 5.2                        |
| T65       | Poplar (Populus tremula)         | 18          | 570                | N: 7<br>E: 8<br>S: 6<br>W: 8 | Crown: 7 average<br>Branch: 6 average | Mature      | Good                    | Good                 | Minor deadwood within crown. Understorey inhibit inspection of high crown. Previously pruned. Located on edge bank with exposed roots.                               | No action required on date of survey.                                                            | B1+2             | 147.0                                  | 6.8                        |
| G66       | Mixed (cypress, laurel, holly)   | 6-8 average | Up to 120 average  | 1-3 average                  | 0 average                             | Semi mature | Good                    | Good                 | Mixed group pruned for footpath. No major visible defects.                                                                                                           | No action required.                                                                              | C2               | 6.5 average                            | 1.4 average                |

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## Tree Survey Schedule



| Tree ref. | Species                                 | Height (m)  | Stem diameter (mm) | Branch spread (m)             | Crown clearance (m)                   | Age class | Physiological condition | Structural condition | Comments                                                                                                                                                                                         | Management recommendation           | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m)                           |
|-----------|-----------------------------------------|-------------|--------------------|-------------------------------|---------------------------------------|-----------|-------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------|----------------------------------------|------------------------------------------------------|
| G67       | Cherry (Prunus avium)                   | 3-5 average | 80 average         | 1-2 average                   | 2 average                             | Young     | Good                    | Good                 | Group of x3 saplings. Previously pruned.                                                                                                                                                         | No action required.                 | C2               | 2.9 average                            | 1.0 average                                          |
| T68       | European aspen (Populus tremula)        | 18          | 610                | N: 7<br>E: 9<br>S: 7<br>W: 6  | Crown: 4 south<br>Branch: 6 west      | Mature    | Good                    | Good                 | Previously crown lifted. Minor deadwood within crown. Old wound within 10m union with occlusion wood growth. Historic limb damage within crown.                                                  | No action required.                 | B1               | 168.4                                  | 7.3                                                  |
| T69       | Horse chestnut (Aesculus hippocastanum) | 18          | 1040               | N: 7<br>E: 6<br>S: 7<br>W: 9  | Crown: 2 average<br>Branch: 4 south   | Mature    | Fair                    | Fair                 | Identified as veteran/notable tree on the Woodland Trust Ancient Tree Forum. Co dominant from 6m. Eastern crown dieback extending from 6m union into crown. Old pruning wounds with minor decay. | Monitor extent of dieback annually. | A1+2+3           | 489.4                                  | 15.0 (15x stem diameter applied due to tree status). |
| T70       | Pedunculate oak (Quercus robur)         | 21          | 1050               | N: 7<br>E: 6<br>S: 10<br>W: 8 | Crown: 4 north<br>Branch: 8 average   | Mature    | Good                    | Good                 | Identified as notable tree on the Woodland Trust Ancient Tree Forum. Previously crown lifted. Minor deadwood within crown. Minor southwest leaning stem. High crown.                             | No action required.                 | A1+2             | 498.8                                  | 12.6                                                 |
| T71       | Ash (Fraxinus excelsior)                | 18          | 970                | N: 4<br>E: 5<br>S: 5<br>W: 4  | Crown: 3 average<br>Branch: 3 south   | Mature    | Poor                    | Fair                 | Identified as veteran/notable tree on the Woodland Trust Ancient Tree Forum. Significant crown dieback. Epicormic and stress growth on stem and in crown. Pruning burrs around base.             | No action required.                 | C1+2             | 425.7                                  | 14.5 (15x stem diameter applied due to tree status). |
| T72       | Field maple (Acer campestre)            | 15          | 530                | N: 6<br>E: 5<br>S: 4<br>W: 4  | Crown: 1 average<br>Branch: 4 average | Mature    | Good                    | Good                 | Co dominant from 6m. Dense crown with limited view of tree scaffold. Minor deadwood. Exposed roots at base. Ivy on stem into crown.                                                              | No action required.                 | B1               | 127.1                                  | 6.4                                                  |

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## Tree Survey Schedule



| Tree ref. | Species                          | Height (m) | Stem diameter (mm)      | Branch spread (m)             | Crown clearance (m)                 | Age class   | Physiological condition | Structural condition | Comments                                                                                                                                                                                                  | Management recommendation                            | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m)            |
|-----------|----------------------------------|------------|-------------------------|-------------------------------|-------------------------------------|-------------|-------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------|----------------------------------------|---------------------------------------|
| T73       | European aspen (Populus tremula) | 16         | 360                     | N: 3<br>E: 10<br>S: 4<br>W: 0 | Crown: 7 east<br>Branch: 6 average  | semi mature | Good                    | Good                 | East leaning stem with no evidence of recent root plate movement. Previously crown lifted. Companion tree to T74.                                                                                         | No action required.                                  | C1               | 58.6                                   | 4.3                                   |
| T74       | European aspen (Populus tremula) | 16         | 480                     | N: 0<br>E: 8<br>S: 10<br>W: 3 | Crown: 5 south<br>Branch: 6 average | Mature      | Good                    | Fair                 | Minor southeast leaning stem. Minor deadwood within crown. Companion tree to T73.                                                                                                                         | No action required.                                  | C1               | 104.2                                  | 5.8                                   |
| T75       | Ash (Fraxinus excelsior)         | 21         | 910                     | N: 6<br>E: 7<br>S: 8<br>W: 7  | Crown: 8 average<br>Branch: 7 east  | Mature      | Fair                    | Poor                 | Sparse crown with large deadwood. Historic branch failure in crown. Cankering on stem and branch's. Sounding hammer indicates hollowing. Short potential only due to Ash Dieback and surrounding targets. | Monitor extent of decline annually. Fell is required | U                | 374.7                                  | 10.9                                  |
| T76       | Field maple (Acer campestre)     | 15         | 500                     | N: 4<br>E: 6<br>S: 6<br>W: 7  | Crown: 2 south<br>Branch: 4 average | Mature      | Good                    | Good                 | Fluting on stem. Minor deadwood. No major visible defects.                                                                                                                                                | No action required.                                  | B1+2             | 113.1                                  | 6.0                                   |
| T77       | European aspen (Populus tremula) | 18         | 620                     | N: 6<br>E: 9<br>S: 9<br>W: 8  | Crown: 4 north<br>Branch: 5 west    | Mature      | Good                    | Good                 | Minor stem lean. Previously crown lifted. Minor deadwood within crown. Ivy on stem.                                                                                                                       | No action required.                                  | B1+2             | 173.9                                  | 7.4                                   |
| T78       | Ash (Fraxinus excelsior)         | 11         | 480, 350, 310, 280, 270 | N: 5<br>E: 6<br>S: 8<br>W: 6  | Crown: 2 east<br>Branch: 4 average  | Mature      | Fair                    | Fair                 | Multi stemmed from base with included bark. Minor upper crown dieback with minor deadwood. Previously crown lifted. Short potential only due to the presence of Ash Dieback in the vicinity.              | No action required.                                  | C1+2             | 274.5                                  | 9.3 amended on tree constraints plan. |

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## Tree Survey Schedule



| Tree ref. | Species                                 | Height (m)    | Stem diameter (mm)     | Branch spread (m)            | Crown clearance (m)                   | Age class            | Physiological condition | Structural condition | Comments                                                                                                                                                                      | Management recommendation           | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m)             |
|-----------|-----------------------------------------|---------------|------------------------|------------------------------|---------------------------------------|----------------------|-------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------|----------------------------------------|----------------------------------------|
| G79       | Silver maple (Acer saccharinum)         | 6-7 average   | 160 average            | 1-3 average                  | 2 average                             | Young                | Good                    | Good                 | Group of similar size and age. Previously crown lifted to 2m. Minor damage to exposed roots from mechanical mower.                                                            | No action required.                 | C1+2             | 11.6 average                           | 1.9 average                            |
| T80       | Horse chestnut (Aesculus hippocastanum) | 17            | 730                    | N: 6<br>E: 6<br>S: 7<br>W: 4 | Crown: 4 south<br>Branch: 4 west      | Mature               | Poor                    | Fair                 | Significant crown dieback and deadwood in upper crown. Minor canker and bark loss on stem.                                                                                    | Monitor extent of dieback annually. | C1               | 241.1                                  | 8.8                                    |
| T81       | Field maple (Acer campestre)            | 13            | 360, 350, 320          | N: 5<br>E: 6<br>S: 5<br>W: 6 | Crown: 3 south<br>Branch: 5 average   | Mature               | Good                    | Good                 | Multi stemmed from base. Located on edge bank with exposed roots. Large hung up limb within crown.                                                                            | No action required.                 | B1               | 160.4                                  | 7.1                                    |
| G82       | Mixed (poplar, ash, sweet chestnut)     | 14-20 average | Up to 550, 400 average | 1-7 average                  | 3-6 average                           | Semi mature - mature | Good                    | Good                 | Mixed tree group growing in close proximity with each other. Narrow upright growth habit. Located on edge of waterbody. Sparse ash within group.                              | No action required.                 | B2               | 72.4 average                           | 4.8 average                            |
| T83       | Sweet chestnut (Castanea sativa)        | 10            | 940                    | N: 4<br>E: 3<br>S: 5<br>W: 3 | Crown: 5 west<br>Branch: 4 west       | Mature               | Fair                    | Fair                 | Recently topped at 10m. Little primary scaffold and foliage remaining. Cavity with decay at base. Bark loss with exposed heartwood on stem. Beefsteak fungus present at base. | No action required.                 | B3               | 399.8                                  | 11.3 amended on tree constraints plan. |
| T84       | Sweet chestnut (Castanea sativa)        | 16            | 580                    | N: 4<br>E: 4<br>S: 5<br>W: 5 | Crown: 2 average<br>Branch: 2 average | Mature               | Good                    | Good                 | Minor deadwood visible. Epicormic growth on stem. Restricted view of crown scaffold.                                                                                          | No action required.                 | B1+2             | 152.2                                  | 7.0                                    |

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## Tree Survey Schedule



| Tree ref. | Species                                       | Height (m)  | Stem diameter (mm) | Branch spread (m)             | Crown clearance (m)                 | Age class           | Physiological condition | Structural condition | Comments                                                                                                                                                                         | Management recommendation                             | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m)                          |
|-----------|-----------------------------------------------|-------------|--------------------|-------------------------------|-------------------------------------|---------------------|-------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|----------------------------------------|-----------------------------------------------------|
| T85       | Beech (Fagus sylvatica)                       | 15          | 560                | N: 6<br>E: 5<br>S: 6<br>W: 6  | Crown: 1 south<br>Branch: 4 average | Mature              | Good                    | Good                 | Identified as veteran/notable tree on the Woodland Trust Ancient Tree Forum. No major visible defects.                                                                           | No action required.                                   | A1+2             | 141.9                                  | 8.4 (15x stem diameter applied due to tree status). |
| T86       | Ash (Fraxinus excelsior)                      | 13          | 500                | N: 4<br>E: 1<br>S: 1<br>W: 6  | Crown: N/A<br>Branch: 6 east        | Mature              | Poor                    | Poor                 | Co dominant stems from 5m. Vast dieback with large deadwood. Crown consisting of small epicormic growth on limbs. Not within falling distance of building. Short potential only. | Fell if frequency of access in target area increases. | U                | 113.1                                  | 6.0                                                 |
| G87       | Silver maple (Acer saccharinum)               | 6-8 average | 180 average        | 1-3 average                   | 1-2 average                         | Young - semi mature | Good                    | Good                 | Row of x6 trees of similar size and age. Previously crown lifted to 2m. Minor squirrel damage on limbs.                                                                          | No action required.                                   | B2               | 14.7 average                           | 2.2 average                                         |
| G88       | Mixed (cherry, whitebeam, hawthorn, holm oak) | 3-5 average | Up to 75 average   | 1-3 average                   | 1-2 average                         | Young               | Good                    | Good                 | Small mixed saplings. No major visible defects.                                                                                                                                  | No action required.                                   | C2               | 2.5 average                            | 0.9 average                                         |
| T89       | European aspen (Populus tremula)              | 17          | 580                | N: 9<br>E: 7<br>S: 10<br>W: 6 | Crown: 2 east<br>Branch: 4 average  | Mature              | Good                    | Good                 | Previously crown lifted. Historic limb damage within crown.                                                                                                                      | No action required.                                   | B1+2             | 152.2                                  | 7.0                                                 |
| G90       | False acacia (Robinia pseudoacacia)           | 8-9 average | 250 average        | 1-5 average                   | 1 average                           | Semi mature         | Good                    | Fair                 | Group along fence line. 1x multi stemmed from base. Historic limb damage.                                                                                                        | No action required.                                   | C2               | 28.3 average                           | 3.0 average                                         |

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## Tree Survey Schedule



| Tree ref. | Species                                 | Height (m)  | Stem diameter (mm)                | Branch spread (m)            | Crown clearance (m)                   | Age class   | Physiological condition | Structural condition | Comments                                                                                                                                                                                         | Management recommendation | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m) |
|-----------|-----------------------------------------|-------------|-----------------------------------|------------------------------|---------------------------------------|-------------|-------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|----------------------------------------|----------------------------|
| T91       | Horse chestnut (Aesculus hippocastanum) | 8           | 350                               | N: 4<br>E: 5<br>S: 5<br>W: 4 | Crown: 2 average<br>Branch: 2 average | Semi mature | Good                    | Fair                 | Minor bark inclusions at branch junctions. Previously crown lifted.                                                                                                                              | No action required.       | C1+2             | 55.4                                   | 4.2                        |
| T92       | Holly (Ilex aquifolium)                 | 6           | 170                               | N: 3<br>E: 4<br>S: 3<br>W: 2 | Crown: 2 average<br>Branch: 2 average | Semi mature | Good                    | Good                 | Previously crown lifted to 2m. Crown encroaching on building.                                                                                                                                    | No action required.       | C1+2             | 13.1                                   | 2.0                        |
| G93       | Mixed (pear, hawthorn)                  | 3-5 average | Up to 100 average                 | 1-2 average                  | 2 average                             | Young       | Good                    | Good                 | Small group. Previously crown lifted to 2m.                                                                                                                                                      | No action required.       | C2               | 4.5 average                            | 1.2 average                |
| G94       | Paper birch (Betula papyrifera)         | 3-5 average | Up to 100 average                 | 1-3 average                  | 2 average                             | Young       | Good                    | Good                 | Multi stemmed from base specimens. Similar size and age. Some included bark at unions. Previously crown lifted to 2m.                                                                            | No action required.       | C2               | 4.5 average                            | 1.2 average                |
| T95       | Sycamore (Acer pseudoplatanus)          | 17          | 410, 390, 370, 360, 350, 350, 250 | N: 6<br>E: 8<br>S: 8<br>W: 8 | Crown: 2 west<br>Branch: 4 average    | Mature      | Good                    | Fair                 | Large multi stem from base and 1.5m. Included bark at unions with reaction growth wood. Previously crown lifted to 4m. Crossing/grated stems and branches. Minor deadwood. Light cable in crown. | No action required.       | B1+2             | 397.5                                  | 11.3                       |
| T96       | Norway spruce (Picea abies)             | 21          | 700                               | N: 4<br>E: 4<br>S: 4<br>W: 4 | Crown: 2 average<br>Branch: 4 west    | Mature      | Good                    | Good                 | Minor east leaning stem. Previously crown lifted. Electrical box and lights on stem. Typical example of species.                                                                                 | No action required.       | A1+2             | 221.7                                  | 8.4                        |

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## Tree Survey Schedule



| Tree ref. | Species                         | Height (m)   | Stem diameter (mm) | Branch spread (m)               | Crown clearance (m)                   | Age class    | Physiological condition | Structural condition | Comments                                                                                                                       | Management recommendation | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m) |
|-----------|---------------------------------|--------------|--------------------|---------------------------------|---------------------------------------|--------------|-------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|----------------------------------------|----------------------------|
| T97       | Scots pine (Pinus sylvestris)   | 8            | 190                | N: 1<br>E: 2<br>S: 2<br>W: 1    | Crown: 1 south<br>Branch: 3 average   | Young        | Good                    | Good                 | Suppressed by T96. Hanging dead limb within crown.                                                                             | No action required.       | C1+2             | 16.3                                   | 2.3                        |
| T98       | Pedunculate oak (Quercus robur) | 13           | 560                | N: 6<br>E: 6<br>S: 7<br>W: 7    | Crown: 2 average<br>Branch: 2 average | Early mature | Good                    | Good                 | Previously crown lifted. Minor deadwood. No major visible defects.                                                             | No action required.       | A1+2             | 141.9                                  | 6.7                        |
| G99       | Silver birch (Betula pendula)   | 9-11 average | 250 average        | 1-3 average                     | 1 average                             | Semi mature  | Good                    | Good                 | 2x similar size and age. Dense understorey inhibits inspection.                                                                | No action required.       | C2               | 28.3 average                           | 3.0 average                |
| G100      | Rhododendron (Rhododendron spp) | 2-4 average  | 75 average         | 1-4 average                     | 0 average                             | Semi mature  | Fair                    | Fair                 | Limited access to stems. Some historic pruning visible.                                                                        | No action required.       | C2               | 2.5 average                            | 0.9 average                |
| T101      | Pedunculate oak (Quercus robur) | 13           | 530                | N: 7<br>E: 7<br>S: 5<br>W: 6    | Crown: 2 east<br>Branch: 3 east       | Early mature | Good                    | Good                 | Dual stemmed from 2m with minor bark inclusion. Included bark at branch unions. Previously crown lifted.                       | No action required.       | B1+2             | 127.1                                  | 6.4                        |
| T102      | Pedunculate oak (Quercus robur) | 15           | 910                | N: 11<br>E: 9<br>S: 10<br>W: 12 | Crown: 2 west<br>Branch: 2 average    | Mature       | Good                    | Good                 | Multi stemmed from 2m. Large limb historically removed at 0.5m south. Ivy on stem into crown. Understorey inhibits inspection. | No action required.       | A1+2             | 374.7                                  | 10.9                       |

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## Tree Survey Schedule



| Tree ref. | Species                                                                          | Height (m)  | Stem diameter (mm)     | Branch spread (m)                | Crown clearance (m)                   | Age class    | Physiological condition | Structural condition | Comments                                                                                                                                               | Management recommendation | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m)                           |
|-----------|----------------------------------------------------------------------------------|-------------|------------------------|----------------------------------|---------------------------------------|--------------|-------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|----------------------------------------|------------------------------------------------------|
| T103      | Lime (Tilia × europaea)                                                          | 14          | 610                    | N: 9<br>E: 7<br>S: 8<br>W: 6     | Crown: 1 average<br>Branch: 2 average | Mature       | Good                    | Good                 | Multi stemmed from 2m with included bark and reaction growth wood. Crossing/rubbing branches. Some exposed roots. Typical example of species.          | No action required.       | B1+2             | 168.4                                  | 7.3                                                  |
| T104      | Lime (Tilia × europaea)                                                          | 16          | 570                    | N: 9<br>E: 7<br>S: 8<br>W: 8     | Crown: 1 west<br>Branch: 3 average    | Mature       | Good                    | Good                 | Multi stemmed from 3m with included bark and reaction growth wood. Crossing/grafted branches. Minor deadwood. No major visible defects.                | No action required.       | B1+2             | 147.0                                  | 6.8                                                  |
| T105      | Lime (Tilia × europaea)                                                          | 7           | 420                    | N: 3<br>E: 6<br>S: 5<br>W: 5     | Crown: 1.5 south<br>Branch: 2 average | Early mature | Fair                    | Good                 | Multi stemmed from 2m with included bark and reaction growth wood. Sparse and thin crown. Historic wound on 2m eastern limb. Epicormic growth at base. | No action required.       | C1+2             | 79.8                                   | 5.0                                                  |
| G106      | Mixed (rhododendron, laurel, oak, tea tree, sweet chestnut, yew, hazel, cypress) | 0-7 average | Up to 250, 150 average | 1-3 average                      | 0 average                             | Semi mature  | Good                    | Good                 | Pruned into arch/tunnel over footpath. Rhododendron dominant. Small saplings within group.                                                             | No action required.       | C2               | 10.2 average                           | 1.8 average                                          |
| T107      | Pedunculate oak (Quercus robur)                                                  | 18          | 1200                   | N: 10<br>E: 11<br>S: 12<br>W: 11 | Crown: 4 west<br>Branch: 5 east       | Mature       | Good                    | Good                 | Identified as veteran/notable tree on the Woodland Trust Ancient Tree Forum. Previously crown lifted. Historic limb damage and deadwood within crown.  | No action required.       | A1+2             | 651.5                                  | 18.0 (15x stem diameter applied due to tree status). |
| T108      | Himalayan pine (Pinus wallichiana)                                               | 8           | 220                    | N: 3<br>E: 3<br>S: 2<br>W: 3     | Crown: 1 west<br>Branch: 2 average    | Semi mature  | Good                    | Good                 | Minor north leaning stem.                                                                                                                              | No action required.       | C1+2             | 21.9                                   | 2.6                                                  |

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## Tree Survey Schedule



| Tree ref. | Species                                             | Height (m)   | Stem diameter (mm) | Branch spread (m)            | Crown clearance (m)                   | Age class            | Physiological condition | Structural condition | Comments                                                                                                                           | Management recommendation | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m) |
|-----------|-----------------------------------------------------|--------------|--------------------|------------------------------|---------------------------------------|----------------------|-------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|----------------------------------------|----------------------------|
| G109      | Mixed (cypress, laurel, cherry, thorny olive, pear) | 0-11 average | 250 average        | 1-4 average                  | 0 average                             | Semi mature - mature | Good                    | Good                 | Mixed group. No major visible defects. Garden spoil piled around cypress base.                                                     | No action required.       | B2               | 28.3 average                           | 3.0 average                |
| T110      | Pedunculate oak (Quercus robur)                     | 5            | 150                | N: 3<br>E: 2<br>S: 2<br>W: 2 | Crown: 1 average<br>Branch: 1 average | Young                | Good                    | Good                 | No major visible defects.                                                                                                          | No action required.       | C1+2             | 10.2                                   | 1.8                        |
| G111      | Mixed (larch, maple, cherry, hackberry)             | 3-7 average  | Up to 200 average  | 1-3 average                  | 1 average                             | Young - semi mature  | Fair                    | Good                 | Small mixed sapling group Sparse cherry with little crown and significant stem decay within group.                                 | No action required.       | C2               | 18.1 average                           | 2.4 average                |
| T112      | Paper birch (Betula papyrifera)                     | 11           | 420 at 1m          | N: 4<br>E: 5<br>S: 5<br>W: 4 | Crown: 3 average<br>Branch: 1 north   | Semi mature          | Good                    | Good                 | Minor deadwood within crown.                                                                                                       | No action required.       | B1+2             | 79.8                                   | 5.0                        |
| T113      | Paper birch (Betula papyrifera)                     | 11           | 220                | N: 5<br>E: 4<br>S: 5<br>W: 4 | Crown: 2 average<br>Branch: 2 average | Semi mature          | Good                    | Good                 | Included bark with reaction wood growth at branch unions.                                                                          | No action required.       | B1+2             | 21.9                                   | 2.6                        |
| T114      | Silver birch (Betula pendula)                       | 10           | 370                | N: 4<br>E: 2<br>S: 3<br>W: 4 | Crown: 2 average<br>Branch: 2 average | Semi mature          | Good                    | Good                 | Multi stemmed from 2m with included bark. Historic wound with exposed heartwood and some occlusion wood growth at 0.5m south stem. | No action required.       | B1+2             | 61.9                                   | 4.4                        |

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## Tree Survey Schedule



| Tree ref. | Species                                     | Height (m) | Stem diameter (mm) | Branch spread (m)              | Crown clearance (m)                     | Age class   | Physiological condition | Structural condition | Comments                                                                                                                                                                           | Management recommendation | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m) |
|-----------|---------------------------------------------|------------|--------------------|--------------------------------|-----------------------------------------|-------------|-------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|----------------------------------------|----------------------------|
| T115      | Silver birch (Betula pendula)               | 11         | 240, 230           | N: 4<br>E: 3<br>S: 4<br>W: 2   | Crown: 1 average<br>Branch: 2 average   | Semi mature | Good                    | Fair                 | Co dominant stems from 0.5m with included bark.                                                                                                                                    | No action required.       | C1+2             | 50.0                                   | 4.0                        |
| T116      | Atlas cedar (Cedrus atlantica)              | 9          | 380                | N: 5<br>E: 4<br>S: 4<br>W: 4   | Crown: 1 average<br>Branch: 1.5 average | Semi mature | Good                    | Good                 | Minor sap exudation from old pruning wounds on stem.                                                                                                                               | No action required.       | B1+2             | 65.3                                   | 4.6                        |
| T117      | Dawn redwood (Metasequoia glyptostroboides) | 11         | 380                | N: 3<br>E: 3<br>S: 3<br>W: 3   | Crown: 1 average<br>Branch: 0.5 average | Semi mature | Good                    | Good                 | Slightly suppressed by T120. Brambles inhibit inspection of base.                                                                                                                  | No action required.       | B1+2             | 65.3                                   | 4.6                        |
| T118      | Pedunculate oak (Quercus robur)             | 11         | 540                | N: 3<br>E: 5<br>S: 9<br>W: 8   | Crown: 1 south<br>Branch: 1.5 south     | Mature      | Good                    | Good                 | Companion tree to T119. previously crown lifted over path to east.                                                                                                                 | No action required.       | B1+2             | 131.9                                  | 6.5                        |
| T119      | Silver birch (Betula pendula)               | 14         | 550                | N: 6<br>E: 5<br>S: 6<br>W: 6   | Crown: 1 north<br>Branch: 2 south       | Mature      | Good                    | Good                 | Companion tree to T118. Large historic wound on east stem extending from 0.5-1m with exposed heartwood and some occlusion wood growth. Previously crown lifted east over footpath. | No action required.       | B1+2             | 136.9                                  | 6.6                        |
| T120      | Pedunculate oak (Quercus robur)             | 20         | 970                | N: 8<br>E: 7<br>S: 13<br>W: 13 | Crown: 1 south<br>Branch: 5 average     | Mature      | Good                    | Good                 | Gap in north canopy from historically removed adjacent tree. Snapped/partially attached hanging limb 5m east crown. Minor deadwood within crown. Ivy on stem.                      | No action required.       | A1+2             | 425.7                                  | 11.6                       |

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## Tree Survey Schedule



| Tree ref. | Species                         | Height (m)   | Stem diameter (mm) | Branch spread (m)             | Crown clearance (m)                     | Age class    | Physiological condition | Structural condition | Comments                                                                                                                                                                                         | Management recommendation                             | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m) |
|-----------|---------------------------------|--------------|--------------------|-------------------------------|-----------------------------------------|--------------|-------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|----------------------------------------|----------------------------|
| T121      | Ash (Fraxinus excelsior)        | 13           | 320                | N: 4<br>E: 0<br>S: 4<br>W: 11 | Crown: 6 west<br>Branch: 5 west         | Semi mature  | Fair                    | Fair                 | West leaning stem. Minor crown dieback with minor deadwood. Understorey inhibit inspection of base. Small ash saplings at base. Short potential only due to the presence of Ash Dieback on site. | No action required.                                   | C1               | 46.3                                   | 3.8                        |
| T122      | Scots pine (Pinus sylvestris)   | 17           | 630                | N: 3<br>E: 4<br>S: 4<br>W: 4  | Crown: 10 average<br>Branch: 10 average | Mature       | Good                    | Good                 | Ivy on stem. Restricted view of crown.                                                                                                                                                           | No action required.                                   | B1+2             | 179.6                                  | 7.6                        |
| T123      | Pedunculate oak (Quercus robur) | 11           | 510                | N: 4<br>E: 0<br>S: 7<br>W: 9  | Crown: 3 west<br>Branch: 4 average      | Mature       | Good                    | Fair                 | Large west limb historically removed at 3m. Undesirable crown formation. Crown bias west. Ivy on stem into crown.                                                                                | No action required.                                   | B1+2             | 117.7                                  | 6.1                        |
| G124      | Ash (Fraxinus excelsior)        | 8-13 average | 350 average        | 1-5 average                   | 4 average                               | Semi mature  | Poor                    | Poor                 | Ash group with Ash Dieback. Standing dead stems. Sparse to no crowns with large deadwood.                                                                                                        | Fell if frequency of access in target area increases. | U                | 55.4 average                           | 4.2 average                |
| T125      | Pedunculate oak (Quercus robur) | 15           | 480                | N: 5<br>E: 6<br>S: 8<br>W: 10 | Crown: 2 north<br>Branch: 4 average     | Early mature | Good                    | Good                 | Suppressed by T126. ivy on stem into crown. Previously crown lifted west to 4m.                                                                                                                  | No action required.                                   | B1+2             | 104.2                                  | 5.8                        |
| T126      | Scots pine (Pinus sylvestris)   | 18           | 620                | N: 4<br>E: 6<br>S: 4<br>W: 3  | Crown: 11 average<br>Branch: 10 average | Mature       | Good                    | Good                 | East leaning stem. Ivy on stem into crown. Limited view of high crown.                                                                                                                           | No action required.                                   | B1+2             | 173.9                                  | 7.4                        |

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## Tree Survey Schedule



| Tree ref. | Species                                       | Height (m)    | Stem diameter (mm) | Branch spread (m)            | Crown clearance (m)                | Age class    | Physiological condition | Structural condition | Comments                                                                                                                                                                            | Management recommendation                                  | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m) |
|-----------|-----------------------------------------------|---------------|--------------------|------------------------------|------------------------------------|--------------|-------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------|----------------------------------------|----------------------------|
| T127      | Ash (Fraxinus excelsior)                      | 15            | 480                | N: 2<br>E: 3<br>S: 4<br>W: 8 | Crown: 4 west<br>Branch: 4 west    | Early mature | Poor                    | Poor                 | Ash tree with Ash Dieback. Sparse crown with stress growth and large deadwood. Historic limb failure within crown. Ivy on stem. Previously crown lifted west. Short potential only. | Fell if frequency of access in target area increases.      | <b>U</b>         | 104.2                                  | 5.8                        |
| T128      | Ash (Fraxinus excelsior)                      | 14            | 490                | N: 2<br>E: 2<br>S: 3<br>W: 6 | Crown: 6 west<br>Branch: 5 west    | Early mature | Poor                    | Poor                 | Ash tree with Ash Dieback. Sparse to no crown with stress growth and large deadwood. Historically reduced. Historic large limb failure within crown.                                | Fell if frequency of access in target area increases.      | <b>U</b>         | 108.6                                  | 5.9                        |
| G129      | Mixed (hawthorn, whitebeam, cherry, holm oak) | 2-5 average   | Up to 75 average   | 1-2 average                  | 0-2 average                        | Young        | Good                    | Good                 | Line of young newly planted saplings.                                                                                                                                               | No action required.                                        | <b>C2</b>        | 2.5 average                            | 0.9 average                |
| T130      | Silver birch (Betula pendula)                 | 14            | 320                | N: 4<br>E: 1<br>S: 2<br>W: 2 | Crown: 2 west<br>Branch: 4 average | Semi mature  | Good                    | Good                 | Minor north leaning stem. Included bark at branch unions.                                                                                                                           | No action required.                                        | <b>B1+2</b>      | 46.3                                   | 3.8                        |
| T131      | Beech (Fagus sylvatica)                       | 14            | 650                | N: 8<br>E: 4<br>S: 6<br>W: 9 | Crown: 1 south<br>Branch: 3 west   | Mature       | Good                    | Fair                 | Northwest leaning stem. Large cavity with exposed heartwood and decay from ground to 2m occupying 20% of the north stem face. Decayed fruiting bracket at base.                     | Monitor extent of decay annually for structural stability. | <b>B1+2</b>      | 191.2                                  | 7.8                        |
| G132      | Scots pine (Pinus sylvestris)                 | 14-18 average | 600 average        | 1-4 average                  | 8-10 average                       | Mature       | Good                    | Good                 | Tree stems located in close proximity to each other. Limited view of high crowns.                                                                                                   | No action required.                                        | <b>B2</b>        | 162.9 average                          | 7.2 average                |

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## Tree Survey Schedule



| Tree ref. | Species                         | Height (m)    | Stem diameter (mm) | Branch spread (m) | Crown clearance (m) | Age class   | Physiological condition | Structural condition | Comments                                                                                                                                                                                    | Management recommendation                             | Category grading | Root Protection Area (m <sup>2</sup> ) | Root Protection Radius (m) |
|-----------|---------------------------------|---------------|--------------------|-------------------|---------------------|-------------|-------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|----------------------------------------|----------------------------|
| G133      | Ash (Fraxinus excelsior)        | 8-14 average  | 300 average        | 1-4 average       | 3 average           | Semi mature | Poor                    | Poor                 | Ash group with Ash Dieback. Standing dead stems. Sparse to no crowns with stress growth and large deadwood. Some stems previously reduced by footpath. Cavity and decay on stems and limbs. | Fell if frequency of access in target area increases. | <b>U</b>         | 40.7 average                           | 3.6 average                |
| G134      | Pedunculate oak (Quercus robur) | 14-18 average | 700 average        | 8-12 average      | 4 west              | Mature      | Good                    | Good                 | 2x companion oak trees. Preciously crown lifted over footpath. East tree overbears west tree. West tree bias west due to suppression. Minor ivy on stem.                                    | No action required.                                   | <b>A2</b>        | 221.7 average                          | 8.4 average                |
| G135      | Alder (Alnus glutinosa)         | 12-14 average | 400 average        | 1-6 average       | 2 west              | Mature      | Good                    | Good                 | Multi stemmed from base group. Crossing/grafted stems and branches. Historic limb damage within crown. Old pruning wounds visible.                                                          | No action required.                                   | <b>B2</b>        | 72.4 average                           | 4.8 average                |