

**BS 5837:2012 Tree Schedule: Bridge Retail Park,
Uxbridge Rd, Hayes**

BS5837:2012 Tree Survey: Explanation of Survey Criteria

Sequential reference number cited on all aspect drawing.

Height and Crown spread measured to the nearest half meter; # denotes where this is estimated.

e.g.: young, semi-mature, early-mature or mature.

Area around tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of roots and soil structure is a priority. *The RPA has been manipulated to allow for various site features, i.e. roads, structures or changes in levels. Please refer to the Tree Constraints Plan for these changes.

Category prefix A-C denotes arboricultural quality, decreasing from A (high) to C (low); Subcategories 1, 2 and 3 highlight associated arboricultural (1), landscape (2) and ecological (3) qualities.

Category U trees are those in such a condition that they cannot be realistically retained as living trees in the current context for the long term.

| Tree Number | Common Species Name | Trunk Diameter (mm) | Height (m) | Crown Spread (m) | | | | | Crown Clearance (m) | Life Stage | Physiological Condition | Structural Condition | Comments | BS5837 Category | RPA Radius (m) |
|-------------|---------------------|---------------------|------------|------------------|---|---|---|--------|---------------------|------------|-------------------------|----------------------|----------|-----------------|----------------|
| | | | | N | E | S | W | radial | | | | | | | |

Measured to the nearest 10mm; # denotes estimated diameter where access is not possible.

e.g.: above-average, average, below average or dead

General observations, i.e. defects, preliminary management recommendation, presence of pests/disease, perceived significance.

Height of first significant branch and/or canopy

e.g.: good, indifferent, poor, or hazardous

Colour band key:

| | |
|------------|--|
| Category A | |
| Category B | |
| Category C | |
| Category U | |

The following survey should not be interpreted as a report on tree health and safety. Aspect's opinion of tree condition and structural potential is valid for a limited period of 12 months from the date of inspection. Validity is assumed in the absence of inclement weather and no change to the trees existing setting.

| Tree Number | Common Species Name | Trunk Diameter (mm) | Height (m) | Crown Spread (m) | | | | | First Significant Branch (m) | Crown Clearance (m) | Life Stage | Physiological Condition | Structural Condition | Comments | BS5837 Category | RPA Radius (m) |
|-------------|---------------------|---------------------|------------|------------------|------|------|------|--------|------------------------------|---------------------|-------------|-------------------------|----------------------|---|-----------------|----------------|
| | | | | N | E | S | W | Radial | | | | | | | | |
| 1 | Lawson Cypress | 200# | 11# | | | | | 2.5# | 3# | 3# | Semi Mature | Average | Indifferent | Inaccessible, offsite within adjacent third-party land, unable to thoroughly inspect Surveyed from a distance Structure appears typical for species within current context Unremarkable example of species | C12 | 2.4 |
| 2 | Silver Birch | 180 | 7.5 | 3.25 | 3.5 | 3# | 3 | | 1.5 | 1.5 | Semi Mature | Average | Indifferent | Base obscured by G1, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of species | C12 | 2.1 |
| 3 | Silver Birch | 170 | 9 | 2.75 | 2.75 | 2.5 | 2.5# | | 3.5 | 1 | Semi Mature | Average | Indifferent | Base obscured by G1, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of species | C12 | 2.1 |
| 4 | Silver Birch | 180 | 7 | 2.75 | 2.5 | 2.25 | 3.25 | | 2 | 1.5 | Semi Mature | Average | Indifferent | Base obscured by G1, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of species | C12 | 2.1 |
| 5 | Himalayan Birch | 75 | 4.5 | | | | | 1.25 | 2.75 | 2 | Young | Below Average | Poor | Base obscured by G1, unable to thoroughly inspect Dieback throughout crown Leans east from ground level Unlikely to offer a long-term future contribution | U | N/A |
| 6 | Himalayan Birch | 160 | 6 | | | | | 3.5 | 2 | 2 | Semi Mature | Average | Indifferent | Base obscured by G1, unable to thoroughly inspect Unsympathetic pruning to crown lift Unremarkable example of species | C12 | 1.8 |
| 7 | Himalayan Birch | 150 | 6 | 3.5 | 2.75 | 2.25 | 2.25 | | 1.75 | 1.75 | Semi Mature | Below Average | Indifferent | Base obscured by G1, unable to thoroughly inspect Dead Ivy within scaffold structure Above average internal deadwood Unremarkable example of species | C12 | 1.8 |
| 8 | Himalayan Birch | 95 | 5.5 | | | | | 2 | 2 | 1.75 | Semi Mature | Below Average | Indifferent | Base obscured by G1, unable to thoroughly inspect Dead Ivy within scaffold structure Above average internal deadwood Unremarkable example of species | C12 | 1.2 |
| 9 | London Plane | 250 | 9.5 | 5.75 | 5.25 | 4.5 | 5 | | 3 | 1.5 | Semi Mature | Average | Indifferent | Base obscured by G1, unable to thoroughly inspect Bifurcates at c.2.5m, union appears sound Unremarkable example of species | C1 | 3 |
| 10 | Crab Apple | 180 | 7 | 2.5 | 2 | 2.5# | 4.25 | | 2 | 2 | Semi Mature | Average | Poor | Cavity within trunk at c.2m Longitudinal wound on eastern aspect of trunk from c.0.5m to c.1m Low arboricultural quality | C12 | 2.1 |
| 11 | Crab Apple | 150# | 5.5 | 2.75 | 2.5# | 2.25 | 3 | | 3# | 2# | Semi Mature | Average | Indifferent | Clad and obscured by Ivy, unable to thoroughly inspect Stem inaccessible due to dense understorey Unremarkable example of species | C12 | 1.8 |

| Tree Number | Common Species Name | Trunk Diameter (mm) | Height (m) | Crown Spread (m) | | | | | First Significant Branch (m) | Crown Clearance (m) | Life Stage | Physiological Condition | Structural Condition | Comments | BS5837 Category | RPA Radius (m) |
|-------------|---------------------|---------------------|------------|------------------|------|------|-------|--------|------------------------------|---------------------|--------------|-------------------------|----------------------|---|-----------------|----------------|
| | | | | N | E | S | W | Radial | | | | | | | | |
| 12 | Purple Plum | 100# at base | 6 | | | | | 2 | 0.5 | 0.5 | Semi Mature | Average | Indifferent | Low crown break Maintained lower crown Unremarkable example of species | C12 | 1.2 |
| 13 | Purple Plum | 80 at c.1m | 5 | | | | | 2 | 0.5 | 0.5 | Semi Mature | Average | Indifferent | Low crown break Maintained lower crown Unremarkable example of species | C12 | 0.9 |
| 14 | Purple Plum | 120 2*80 | 7 | | | | | 2.5 | 0.5 | 0.5 | Semi Mature | Average | Indifferent | Low crown break Maintained lower crown Unremarkable example of species | C12 | 2.1 |
| 15 | Norway Maple | 195 | 9.5 | | | | | 3.75 | 2 | 2 | Semi Mature | Average | Indifferent | Radial crown measurement based on western spread Structure typical for species within current context Unremarkable example of species | C1 | 2.4 |
| 16 | Silver Birch | 80 | 5.5 | | | | | 2 | 1.5 | 1.5 | Young | Average | Indifferent | Base obscured by G1, unable to thoroughly inspect Tree tie and stake attached to trunk Readily replaceable at current size, low arboricultural value | C12 | 0.9 |
| 17 | Silver Birch | 95 | 6 | | | | | 2.5 | 1.75 | 1.75 | Young | Average | Indifferent | Base obscured by G1, unable to thoroughly inspect Unremarkable example of species | C12 | 1.2 |
| 18 | Cherry | 300 | 9 | 5 | 2 | 4# | 4 | | 3.25 | 2.5 | Early Mature | Average | Indifferent | Growing as cohesive pair with T19 Previous pruning to crown lift Unremarkable example of species | C1 | 3.6 |
| 19 | Cherry | 270 | 9 | 4 | 3.75 | 4# | 2.5# | | 4 | 3 | Early Mature | Average | Indifferent | Growing as cohesive pair with T18 Etiolated form Unremarkable example of species | C1 | 3.3 |
| 20 | Cherry | 300# | 8 | 2.5 | 4.5 | 2.25 | 2.75 | | 2.5 | 3# | Early Mature | Below Average | Poor | Stem inaccessible due to dense understory Previous unsympathetic pruning to northern aspect of crown Historic limb failure leaving large tear out wound at c.3m, fungal fruiting body on wound, suspected <i>Laetiporus sulphureus</i> , although unable to accurately identify from a distance. Unremarkable example of species | C12 | 3.6 |
| 21 | Cherry | 450# | 10.5 | 5# | 5# | 1.25 | 3.25# | | 4# | 4# | Early Mature | Average | Poor | Clad and obscured by Ivy, unable to thoroughly inspect Stem inaccessible due to dense understory Appears to be an impact on trunk at c.4m Unsympathetic pruning to southern aspect of crown Crown and scaffold structure biased to north Low arboricultural quality | C1 | 5.4 |

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| | | | | N | E | S | W | Radial | | | | | | | | |
| 22 | Cherry Plum | 120 325 2*180 260 5*80 | 10 | 5# | 4.75 | 4 | 4.25 | | 1 | 2 | Mature | Below Average | Poor | Multi stemmed from c.0.5m, unions tight and included Multiple <i>Phellinus pomaceus</i> and <i>Ganoderma sp.</i> fungal brackets within scaffold structure and at base Previous unsympathetic pruning to crown Multiple splits and tear out wounds throughout scaffold structure Low arboricultural quality | C1 | 5.7 |
| 23 | Ash | 400# | 13 | | | | | 4.5 | 4# | 5# | Early Mature | Below Average | Indifferent | Stem inaccessible due to dense understorey Structure appears typical for species within current context Unremarkable example of species | C1 | 4.8 |
| 24 | Norway Maple | 295 oi | 11 | 5.5 | 5.5# | 2.75 | 3.75 | | 3 | 4.75 | Semi Mature | Below Average | Poor | Base obscured by Ivy, unable to thoroughly inspect Leans south from ground level Sparse crown for species Previous unsympathetic pruning to crown lift Mutually suppressed and cohesive with companions Unremarkable example of species | C1 | 3.6 |
| 25 | Ash | 270 | 13 | 4.25 | 6# | 3.25 | 4.5 | | 4.5 | 3.25 | Semi Mature | Average | Indifferent | Base obscured by Ivy, unable to thoroughly inspect Previous unsympathetic pruning to crown lift Mutually suppressed and cohesive with companions Clad in dead Ivy Unremarkable example of species | C1 | 3.3 |
| 26 | Norway Maple | 250 | 11 | 1.75 | 5# | 5.75 | 3.75 | | 4 | 4 | Semi Mature | Average | Indifferent | Base obscured by Ivy, unable to thoroughly inspect Previous unsympathetic pruning to crown lift Mutually suppressed and cohesive with companions Clad in dead Ivy Unremarkable example of species | C1 | 3 |
| 27 | Norway Maple | 290 | 12 | 3.25 | 2.75# | 3.25 | 4.75 | | 3 | 4 | Semi Mature | Average | Poor | Impact wound on western aspect of trunk at c.4.5m Area of wounding on trunk from c.1.5m to c.3.25m Unremarkable example of species | C1 | 3.6 |
| 28 | Norway Maple | 2*100 4*80 | 9 | 3.75 | 3.25 | 4.75 | 2.75 | | 2.5 | 1.75 | Semi Mature | Average | Indifferent | Multi stemmed from ground level, unions obscured by G7 Unremarkable example of species | C12 | 2.4 |
| 29 | Chanticleer Pear | 180 150 90 # | 8 | 3.5 | 1.5 | 2.5 | 2.5 | | 2 | 2 | Semi Mature | Average | Indifferent | Stem inaccessible due to dense understorey Structure appears typical for species within current context Unremarkable example of species | C12 | 3 |
| 30 | Pear | 170# | 10.5 | 1.5 | 2.5# | 2.75 | 2.5 | | 0.5 | 0.5 | Semi Mature | Average | Indifferent | Stem inaccessible due to dense understorey Structure appears typical for species within current context Unremarkable example of species | C12 | 2.1 |
| 31 | Norway Maple | 270 | 9 | 4.75 | 3.75 | 3 | 4.25 | | 2.25 | 1.5 | Semi Mature | Average | Indifferent | Base obscured by G7, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of species | C1 | 3.3 |

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| | | | | N | E | S | W | Radial | | | | | | | | |
| 32 | Norway Maple 'Crimson king' | 90 | 5 | | | | | 2 | 1.5 | 1 | Young | Average | Indifferent | Readily replaceable at current size, low arboricultural value | C12 | 1.2 |
| 33 | Sycamore | 35 | 5 | | | | | 0.5 | 0.5 | 0.5 | Young | Average | Indifferent | Self set specimen Low arboricultural quality | C12 | 0.9 |
| 34 | Sycamore | 285 270 | 11.5 | 3.75 | 4.5 | 5# | 5 | | 4.5 | 6.25 | Semi Mature | Average | Indifferent | Bifurcates at c.1m, union tight and included Unsympathetic pruning to crown lift Set within retaining walled area Unremarkable example of species | C1 | 4.8 |
| 35 | Norway Maple | 535 at c.1m | 11 | 6.75 | 3.25 | 5.25 | 5# | | 2 | 2 | Early Mature | Average | Indifferent | Low crown break Previous unsympathetic pruning crown lift Large diameter deadwood within lower crown Mutually suppressed and cohesive with companions Individually of low significance, conferred moderate value as component of wider collective | B2 | 6.3 |
| 36 | Norway Maple | 320 | 11 | 4.75 | 5.25 | 5 | 2.75 | | 3.25 | 2.5 | Early Mature | Average | Indifferent | Forks at c.3m, 1 no union included Mutually suppressed and cohesive with companions Individually of low significance, conferred moderate value as component of wider collective | B2 | 3.9 |
| 37 | Norway Maple | 380# | 10 | 4.75 | 4.5 | 4.5 | 4.5 | | 2.5 | 2.5 | Early Mature | Average | Indifferent | Stem inaccessible due to dense understory Mutually suppressed and cohesive with companions Previous unsympathetic pruning to crown Individually of low significance, conferred moderate value as component of wider collective | B2 | 4.5 |
| 38 | Norway Maple | 350 | 10 | 4.75 | 3 | 4.25 | 6 | | 3 | 1.75 | Early Mature | Average | Indifferent | Large exposed surface root to south Mutually suppressed and cohesive with companions Individually of low significance, conferred moderate value as component of wider collective | B2 | 4.2 |
| 39 | Norway Maple | 265 | 8 | 2.75 | 3.5 | 3.5 | 3.5 | | 1.75 | 1.75 | Semi Mature | Average | Indifferent | Mutually suppressed and cohesive with companions Individually of low significance, conferred moderate value as component of wider collective | B2 | 3.3 |
| 40 | Cabbage Tree | 230 | 3.5 | | | | | 1.25 | 1.5 | 1.75 | Semi Mature | Average | Indifferent | Structure typical for species within current context Unremarkable example of species | C12 | 2.7 |
| 41 | Chanticleer Pear | 180 | 5 | | | | | 2.25 | 1.75 | 1.5 | Semi Mature | Average | Indifferent | Structure typical for species within current context Unremarkable example of species | C12 | 2.1 |
| 42 | Chanticleer Pear | 160 | 5.5 | 2.75 | 2.25 | 2.25 | 2 | | 2 | 1.5 | Semi Mature | Average | Indifferent | Structure typical for species within current context Unremarkable example of species | C12 | 1.8 |

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|-------------|---|---------------------|------------|------------------|---|---|---|--------|------------------------------|---------------------|----------------------|--------------------------|----------------------|--|-----------------|-------------------|
| | | | | N | E | S | W | Radial | | | | | | | | |
| G1 | Pyracantha Buddleia Gorse Lonicera Goat Willow Viburnum Elaeagnus Cotoneaster Elder Hawthorn Berberis | 75 av | 0.5 to 4 | | | | | 1 av | 0.5 av | 0.5 av | Young to Semi Mature | Average | Indifferent | Parcels of partially maintained shrubs Unremarkable collection | C12 | 0.9 |
| G2 | Cherry Laurel Crack Willow Hawthorn Dogwood Elaeagnus Viburnum Hazel Ash Purple Plum Privet Lonicera Sea Buckthorn Goat Willow Grey Willow | 75 av 200# max | 4 av | | | | | 1 av | 0.5 av | 0.5 av | Semi Mature | Average to Below Average | Indifferent to Poor | Occasionally intermittent collection of partially maintained scrub lining car park Provides dense boundary screen Unremarkable collection | C12 | 0.9 av 2.4 max |
| G3 | Crack Willow Sycamore Buddleia Hawthorn Ash | 350# av | 12 av | | | | | 6 av | 2# av | 2# av | Semi Mature | Average to Below Average | Indifferent to Poor | Offsite collection lining site boundary and adjacent brook Components predominantly clad and obscured by Ivy, unable to thoroughly inspect Occasionally intermittent Multiple failed components within collection Collection composed of predominately low value individuals | C12 | 4.2 |
| G4 | Buddleia Ash | 75# av | 6 av | | | | | 3 max | 1 av | 2.5 av | Young to Semi Mature | Average to Below Average | Indifferent to Poor | Intermittent scrub collection lining site boundary Appears both on and offsite Unremarkable collection | C12 | 0.9 |
| G5 | Privet Cherry Plum Hawthorn Purple Plum Buddleia | 150# av | 6.5 av | | | | | 3 av | 0.5 | 2.5 | Semi Mature | Average | Indifferent | Cohesive collection of partially managed scrub and established specimens lining site boundary Unremarkable collection | C12 | 1.8 |
| G6 | Hazel Rowan Buddleia Dogwood | 75 av | 4 av | | | | | 1.5 av | 0.5 av | 0.5 av | Young | Average | Indifferent | Intermittent scrub collection lining site boundary Unremarkable collection | C12 | 0.9 |

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|-------------|--|---------------------|------------|------------------|---|---|---|--------|------------------------------|---------------------|-------------|-------------------------|----------------------|--|-----------------|----------------|
| | | | | N | E | S | W | Radial | | | | | | | | |
| G7 | Portuguese Laurel Buddleia Dogwood Elaeagnus Hazel Ash Lonicera Cotoneaster | 75# max | 0.5 to 3 | | | | | 0.5 av | 0.5 av | 0.5 av | Young | Average | Indifferent | Intermittent parcels of maintained shrubs and occasional self set Ash and Buddleia Unremarkable collection | C12 | 0.9 |
| G8 | Norway Maple | 3*100 av | 6.5 av | | | | | 4 av | 1 av | 1 av | Semi Mature | Average | Poor | Intermittent parcels of Norway Maple set within G7 Bases obscured by G7, unable to thoroughly inspect Majority of components appear multi stemmed from ground level Unremarkable collection | C12 | 2.1 |
| G9 | Hazel Buddleia Elder | 75 av | 6 av | | | | | 2 av | 0.5 av | 1 av | Young | Average | Indifferent | Collection of scrub lining southern boundary Set within retaining walled area Unremarkable collection | C12 | 0.9 |
| G10 | Buddleia Dogwood | 75 av | 4.5 av | | | | | 2 av | 0.5 av | 1 av | Young | Average | Indifferent | Intermittent collection of scrub lining site boundary Unremarkable collection | C12 | 0.9 |