

## MWA Tree Survey Schedule

| Tree No. | Species                             | Ht. (m) | Stem Dia. (mm) | CS NW (m) | CS NE (m) | CS SE (m) | CS SW (m) | Crown Ht. (m) | Age Class | General Observations   | ERC (Y) | RPA Radius (m) | BS Cat. |
|----------|-------------------------------------|---------|----------------|-----------|-----------|-----------|-----------|---------------|-----------|--|---------|----------------|---------|
| T1       | Beech                               | 13.0    | 625            | 5.00      | 4.50      | 6.00      | 5.00      | 4.0 N         | M         | Mature tree in corner of drive and pavement. Gravel extends to base and some signs of bark damage at base / surface roots. Single stem. Regularly maintained. <u>Lifted over driveway. Visible along adjacent highway.</u> | 20+     | 7.50           | B2      |
| T2       | Laburnum                            | 4.0     | 150            | 0.50      | 2.00      | 2.00      | 0.00      | 2.0 N         | OM        | Suppressed ornamental tree with decay in stem. Likely of significantly reduced potential.  | <10     | 1.80           | U       |
| T3       | Chinese privet                      | 10.0    | 320*           | 4.00*     | 4.00*     | 4.00*     | 4.00*     | 3.0 E         | EM        | Established ornamental tree in adjacent property. Adds to street scene.  | 20+     | 3.84           | B2      |
| T4       | Paper bark birch                    | 12.0    | 150            | 3.00      | 3.00      | 3.00      | 3.00      | 4.0 S         | SM        | Established ornamental tree.   | 10+     | 1.80           | C2      |
| T5       | Ash                                 | 13.0    | 260*           | 4.50      | 4.50      | 4.50      | 4.50      | 2.5 S         | EM        | Established tree near boundary in adjacent garden. Cut back / lifted over site. No other significant recent management noted.  | 10+     | 3.12           | C2      |
| T6       | Ash                                 | 16.0    | 360*           | 6.00      | 6.00      | 6.00      | 6.00      | 2.5 S         | EM        | Established tree near boundary in adjacent garden. Cut back / lifted over site. No other significant recent management noted.  | 10+     | 4.32           | C2      |
| T7       | Likely Silver maple                 | 17.0    | 640            | 7.50      | 5.00      | 7.00      | 7.00      | 2.0 N         | EM        | Established ornamental tree. Previously crown reduced and thinned. Provides screening near rear boundary with Primrose Hill. Indifferent structure but gains higher category for landscape benefits.                       | 20+     | 7.68           | B2      |
| TG1      | Includes Palm, Eucalyptus           | Max 9   | 275*           | 4.00      | 4.00      | 4.00      | 4.00      | 2.0 S         | SM        | Ornamental trees in third party garden.  | 10+     | 3.30           | C2      |
| G1       | Includes Cotoneaster, Holly, Fatsia | 3 to 6  | 165            | 3.00      | 3.00      | 3.00      | 3.00      | 0.0 W         | M         | Established shrubs to side of drive. Regularly faced off to clear access.  | 10+     | 1.98           | C2      |
| G2       | Includes Fig, Tamarisk              | Max 5   | 85, 70         | 2.00      | 2.00      | 2.00      | 2.00      | 2.0 N         | SM        | Established shrubs on top of raised bed. Bed likely formed after excavation for lower yard with new walls.   | 10+     | 1.33           | C1      |
| G3       | Includes Aucuba, Philadelphus       | Max 8   | 110            | 2.50      | 2.50      | 2.50      | 2.50      | 0.0 S         | SM        | Established shrubs in area of garden likely at original level.   | 10+     | 1.32           | C1      |

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### Headings and Abbreviations:

|                                  |  |
|----------------------------------|--|
| <b>No.</b>                       | Allocated sequential reference number - Tree ('T'), Group ('G'), Woodland ('W') or Hedge ('H') reference number - refer to plan and to numbered tags where applicable  |
| <b>Species:</b>                  | Common name  |
| <b>Height:</b>                   | In metres, to half nearest metre – where possible approximately 80% are measured using an electronic clinometer and the remainder estimated against the measured trees. In the case of Groups and Woodlands the measurement listed is that of the highest tree |
| <b>Stem Diam.:</b>               | Stem diameter in millimetres, to nearest 10mm - measured and calculated as per Annex C of BS5837:2012. MS = multi-stemmed, TS = twin-stemmed   |
| <b>Branch Spread:</b>            | Crown radius measured (or estimated where considered appropriate) from the four cardinal points (north, east, south and west) to give an accurate visual representation of the crown   |
| <b>Crown Height:</b>             | Existing height above ground level, in metres, of first significant branch and direction of growth (e.g. 2.5-N) and of canopy at lowest point – to inform on crown to height ratio, potential for shading, etc.  |
| <b>Age Class:</b>                | Estimated age class - Y = young, SM = semi-mature, EM = early-mature, M = mature, PM = post-mature   |
| <b>ERCY:</b>                     | Estimated Remaining Contribution - in years as per BS5837:2012 (i.e. <10, 10+, 20+, 40+)   |
| <b>BS Cat.:</b>                  | Category Grading - tree retention value listed as U, A, B or C - in accordance with BS5837:2012 Table 1  |
| <b>RPA Radius (m):</b>           | Root Protection Area Radius - in metres measured from the centre of the stem to the line of tree protection  |
| <b>* (Estimated Dimensions):</b> | Where trees are located off-site, or are inaccessible for any other reason, and accurate measurements or other information cannot be taken then the information provided is estimated and is duly suffixed with a "*" symbol                                   |
| <b>† (Protected Tree)</b>        | Where trees are protected by a Tree Preservation Order (TPO) the Tree No. will have a "+" symbol as a suffix.  |

### List of Common & Scientific Names

|                   |                           |               |                             |                 |                          |
|-------------------|---------------------------|---------------|-----------------------------|-----------------|--------------------------|
| Ash               | <i>Fraxinus excelsior</i> | Fatsia        | <i>Fatsia japonica</i>      | Palm            | <i>Cordyline sp.</i>     |
| Aucuba            | <i>Aucuba sp.</i>         | Fig           | <i>Ficus carica</i>         | Privet, Chinese | <i>Ligustrum lucidum</i> |
| Beech             | <i>Fagus sylvatica</i>    | Holly         | <i>Ilex aquifolium</i>      | Tamarisk        | <i>Tamarisk sp.</i>      |
| Birch, Paper bark | <i>Betula papyrifera</i>  | Laburnum      | <i>Laburnum anagyroides</i> |                 |                          |
| Cotoneaster       | <i>Cotoneaster sp.</i>    | Maple, Silver | <i>Acer saccharinum</i>     |                 |                          |

## MWA Tree Survey Schedule

### Cascade chart for tree quality assessment (BS 5937:2012)

| Category and definition   | Criteria (including subcategories where appropriate)  |   |  |
|---|---|---|--|
| Trees unsuitable for retention (see Note)   |   |   |  |
| <b>Category U</b><br>Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years | <ul style="list-style-type: none"><li>Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning)</li><li>Trees that are dead or are showing signs of significant, immediate and irreversible overall decline</li><li>Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality</li></ul> <p>NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve</p> |   |  |
| Trees to be considered for retention  | 1 Mainly arboricultural qualities   | 2 Mainly landscape qualities  | 3 Mainly cultural values, including conservation   |
| <b>Category A Trees of high quality</b> with an estimated life expectancy of at least 40 years  | Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)  | Trees groups of woodlands of particular visual importance as arboricultural and/or landscape features   | Trees, groups or woodlands of significant conservation, historical commemorative or other value (e.g. veteran trees or wood pasture) |
| <b>Category B Trees of moderate quality</b> with an estimated remaining life expectancy of at least 20 years  | Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage) such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation  | Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality | Trees with material conservation or other cultural value   |
| <b>Category C Trees of low quality</b> with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm                  | Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories   | Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits  | Trees with no material conservation or other cultural value  |