



**McCARTHY STONE**  
*Life, well lived*



1. This tree survey information has been prepared for planning purposes only. Additional detail will be needed for foundation design.
2. The original of this drawing was produced in colour - a monochrome copy should not be relied upon.
3. Scale for planning purposes only.
4. All dimensions to be checked on site.
5. The copyright of this document resides with Keen Consultants unless assigned in writing by the company.
6. Details shown on this drawing are devised with reference to *B55837:2012:Trees in relation to design, demolition and construction - Recommendations*.
7. Conservation Area based on North Herts Council Hitchin Conservation Area.
8. Topographical survey based on Prospaplans drawing number PP/4134/Hitchin/F1.
9. Where trees were not identified on the topographical survey they have been plotted by eye.

1. Trees to be considered for retention:  
(Coloured line indicates extent of canopy)
  -  Tree Category A 1,2 or 3
    - Trees of high quality
  -  Tree Category B 1,2 or 3
    - Trees of moderate quality
  -  Tree Category C 1,2 or 3
    - Trees of low quality
2. Trees unsuitable for retention:  
(Coloured line indicates extent of canopy)
  -  Tree Category U
    - Trees that cannot realistically be retained due to their condition
3. Protection Areas:
  -  Root Protection Area (RPA)  
(where RPAs overlap the shading will appear darker)
  -  Conservation Area
4. Tree/Hedge numbering:
  -  Tree number
    - refer to schedule for information

| KEY TO TREE SCHEDULE                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Common Heading</b>                                       | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Tree No.                                                    | Unique number corresponding with number on plan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Species                                                     | English names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Ht (m)                                                      | Height in metres                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Branch Spread                                               | Crown radius in metres to cardinal points of the compass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Stem Dia                                                    | All measurements conform to Annex C of BS 5837:2012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Stem Dia                                                    | Single stem - Stem diameter in centimetres measured at 1.5m above ground level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                             | Multi-stemmed tree with 2 to 5 stems - Diameter of each stem                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                             | Multi-stemmed tree with more than 5 stems - Average stem diameter and number of stems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Height of crown clearance                                   | Height in metres between the ground and underside of canopy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Height of first major branch and direction of growth        | Height from ground level to base of first major branch and the approximate direction of growth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Abbreviations as suffix to a dimension                      | Suffix 'v' denotes an average dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Age Class                                                   | Suffix 'u' denotes an estimated dimension<br>Age Class definitions:<br>Y = Young 5 = Semi-mature E = Early mature<br>M = Mature O = Over mature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Category grading and Estimated remaining Contribution (yrs) | Summary of BS 5837: 2012 categorisation:<br><br>1. Trees unsuitable for retention:<br>U = 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<br><br>2. Trees to be considered for retention:<br>A1, 2 or 3 = trees of high quality (substantial contribution >40 yrs)<br>B1, 2 or 3 = trees of moderate quality (significant contribution >20 yrs)<br>C1, 2 or 3 = trees of low quality (but adequate, i.e. >10 yrs or young trees - until new planting can be established)<br><br>Note: Fully estimated remaining contribution of the tree or tree group based on figures stated in BS5837:2012<br>Brief description including physiological and structural defects |
| Estimated remaining contribution                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Condition                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Preliminary management recommendations                      | Describes current arboricultural requirement for the tree in its current context                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Root Protection Radius                                      | Radius of minimum root protection area in metres calculated from Section 8 and Annex D of BS5837:2012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Root Protection Area                                        | Total area of minimum root protection area extrapolated from root protection radius                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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Client  
McCARTHY STONE

Title  
**TREE CONSTRAINTS PLAN**

Drawing Number

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