REPORT TITLE: TREE SURVEY

Green Lane, Tutbury

REVISION: Final Report
DATE: November 2009
ORIGINATED BY: Kristina McKie, ECUS Senior Landscape Architect

Prepared by:
ECUS Ltd
Endcliffe Holt, 343 Fulwood Road
Sheffield S10 3BQ
United Kingdom
TEL: 0114 266 9292
FAX: 0114 266 8243
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Figure 1 – Location Plan (within report text)

Figure 2 – Tree Survey Plan
1 Introduction

1.1 ECUS Limited were commissioned by Peveril Homes Ltd to undertake a tree survey on land within the grounds of fields off Green Lane, Tutbury. The site location is shown on Figure 1 below. This report sets out the findings of the survey.

Figure 1: Site Location

Reproduced from the original Ordnance Survey Map. With the permission of the Minister of Defence, MoD, Crown Copyright, Licence No. 100018619.
2 Methodology

2.1 Tree Survey

2.1.1 ECUS carried out the tree survey in November 2009 when the trees were not in leaf. The tree survey was a ground based visual inspection carried out by landscape architects. The trees were not tagged as part of the survey.

2.1.2 The following characteristics were recorded:

- Species
- Stem diameter at 1.5m above ground level (mm).
- Estimated height (m)
- Safe Useful Life Expectancy (an estimate of the number of years that the tree is likely to remain suitable for retention).
  
  0 (dead/dying) = less than 10 years
  S (short) = 10-20 years
  M (medium) = 20-40 years
  L (long) = more than 40 years

- Approximate crown diameter (m)

- Condition category in accordance with BS 5837:2005 Trees in relation to construction. The categories listed are defined as per BS5837:2005 and briefly are:
  
  R = Remove
  A = Those of high quality and value - best trees with a long expected safe life
  B = Those of moderate quality and value
  C = Those of low quality and value and trees less than 15cm diameter

- Value subcategories in accordance with BS 5837:2005. The subcategories listed are defined as per BS5837:2005 and briefly are:
  
  1 = Mainly arboricultural values
  2 = Mainly landscape values
  3 = Mainly cultural values, including conservation

- General notes about condition and any recommendations for works
2.1.3 A topographic survey of the site was provided. This was used as the basis for producing the tree survey plan. Some of the trees that were not shown individually on this plan were noted during the site survey and these have been added onto the survey plans with an approximation of their location.

2.1.5 The survey also included identification of any existing designations affecting trees on site such as Tree Preservation Orders and Conservation Area status by consulting with East Staffordshire Borough Council officers.
3 Survey Results

3.1 General Site Description

3.1.1 The site currently consists of arable fields and fields grazed by cattle. The surrounding land use is predominantly residential to the north and west and open fields to the south and east.

3.2 Results of Tree Survey

3.2.1 The trees on site are associated with the boundaries of the site and hedgerows which line the field boundaries. Other trees surveyed are within neighbouring land and have canopies which overhang the site boundaries.

3.2.2 In accordance with BS5837, the trees surveyed have all been classified as category C trees (low quality and value) apart from T2 ash, T4 ash and T16 sycamore which have been classified as category B (moderate quality and value) and T8, T9, T10, T11 and G12 which are dead trees and therefore classified as R (remove). The dead trees are all located in a similar location to the north of the site.

3.2.3 Table 1 describes the results of the trees surveyed and should be read in conjunction with Figure 2 Tree Survey Plan, which illustrates the location of the trees surveyed and the extent of their canopies.

3.3 Tree Designations

3.3.1 East Staffordshire Borough Council confirmed that the trees on site are not covered by a Tree Preservation Order (TPO). They also confirmed that the site is not within or adjacent to a Conservation Area.
4 Appendix – Table and Figures
### Table 1 - Tree Survey Schedule

<table>
<thead>
<tr>
<th>ID REF</th>
<th>Common Name</th>
<th>DBH (in mm)</th>
<th>RPA (in mm)</th>
<th>Estimated Height (in m)</th>
<th>Safe Useful Life Expectancy</th>
<th>Estimated Crown Spread (in m)</th>
<th>BS5837:2005 Category</th>
<th>Comments &amp; Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>Cherry</td>
<td>140</td>
<td>1680</td>
<td>7</td>
<td>L</td>
<td>8</td>
<td>C2</td>
<td>Ivy growing up stem. Growing on site boundary.</td>
</tr>
<tr>
<td>T2</td>
<td>Ash</td>
<td>650</td>
<td>7800</td>
<td>14</td>
<td>L</td>
<td>12</td>
<td>B2</td>
<td>4 barbed wires embedded in stem at 1m high. Abuting post and rail fence. Some dead wood. <strong>Recommendation:</strong> remove barbed wire and fence around stem where possible.</td>
</tr>
<tr>
<td>T3</td>
<td>Cherry</td>
<td>250</td>
<td>3000</td>
<td>8</td>
<td>M</td>
<td>7</td>
<td>C2</td>
<td>Growing in neighbouring garden. Swing attached to tree.</td>
</tr>
<tr>
<td>T5</td>
<td>Holly</td>
<td>Est 200</td>
<td>2400</td>
<td>8</td>
<td>L</td>
<td>4</td>
<td>C2</td>
<td>Growing in neighbouring garden. Surrounding shrubs growing among canopy.</td>
</tr>
<tr>
<td>T6</td>
<td>Holly</td>
<td>Est 250</td>
<td>3000</td>
<td>7</td>
<td>L</td>
<td>5</td>
<td>C2</td>
<td>Growing in neighbouring garden.</td>
</tr>
<tr>
<td>T7</td>
<td>Poplar</td>
<td>Est 400</td>
<td>4800</td>
<td>13</td>
<td>L</td>
<td>12</td>
<td>C2</td>
<td>Holly growing at the base.</td>
</tr>
</tbody>
</table>

Note: remove dead wood where it has been identified.
<table>
<thead>
<tr>
<th>ID REF (ECUS notation on site)</th>
<th>Common Name</th>
<th>DBH (Diameter of tree stem at 1.5m height m) (in mm)</th>
<th>RPA (Radius of Root Protection Area in mm)</th>
<th>Estimated Height (in m)</th>
<th>Safe Useful Life Expectancy</th>
<th>Estimated Crown Spread (in m)</th>
<th>BS5837:2005 Category</th>
<th>Comments &amp; Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>T8</td>
<td>Dead tree</td>
<td>250</td>
<td>3000</td>
<td>9</td>
<td>0</td>
<td>6</td>
<td>R</td>
<td>Ivy growing up stem. Recommendation: fell and remove.</td>
</tr>
<tr>
<td>T9</td>
<td>Dead tree</td>
<td>250</td>
<td>3000</td>
<td>9</td>
<td>0</td>
<td>6</td>
<td>R</td>
<td>Ivy growing up stem. Recommendation: fell and remove.</td>
</tr>
<tr>
<td>T10</td>
<td>Dead tree</td>
<td>Est 250 from base</td>
<td>2500</td>
<td>8</td>
<td>0</td>
<td>4</td>
<td>R</td>
<td>Ivy growing up stem. Multi-stemmed. Recommendation: fell and remove.</td>
</tr>
<tr>
<td>T11</td>
<td>Dead tree</td>
<td>Est 250</td>
<td>3000</td>
<td>10</td>
<td>0</td>
<td>8</td>
<td>R</td>
<td>Ivy growing up stem. Recommendation: fell and remove.</td>
</tr>
<tr>
<td>G12</td>
<td>Dead trees</td>
<td>Average Est 250</td>
<td>3000</td>
<td>7</td>
<td>0</td>
<td>5</td>
<td>R</td>
<td>Group of several dead trees. Recommendation: fell and remove.</td>
</tr>
<tr>
<td>T14</td>
<td>Cherry</td>
<td>170</td>
<td>2040</td>
<td>8</td>
<td>L</td>
<td>4</td>
<td>C2</td>
<td>Immature tree.</td>
</tr>
</tbody>
</table>

Green Lane, Tutbury  
Tree Survey – November 2009
<table>
<thead>
<tr>
<th>ID REF (ECUS notation on site)</th>
<th>Common Name</th>
<th>DBH (Diameter of tree stem at 1.5m height m) (in mm)</th>
<th>RPA (Radius of Root Protection Area in mm)</th>
<th>Estimated Height (in m)</th>
<th>Safe Useful Life Expectancy</th>
<th>Estimated Crown Spread (in m)</th>
<th>BS5837:2005 Category</th>
<th>Comments &amp; Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>T15</td>
<td>Sycamore</td>
<td>150</td>
<td>1800</td>
<td>7</td>
<td>L</td>
<td>4</td>
<td>C2</td>
<td>Immature tree.</td>
</tr>
<tr>
<td>T16</td>
<td>Sycamore</td>
<td>900</td>
<td>10800</td>
<td>14</td>
<td>L</td>
<td>15</td>
<td>B2</td>
<td></td>
</tr>
<tr>
<td>T17</td>
<td>Horse Chestnut</td>
<td>500 from base</td>
<td>5000</td>
<td>12</td>
<td>L</td>
<td>10</td>
<td>C2</td>
<td>Multi-stemmed.</td>
</tr>
<tr>
<td>G18</td>
<td>Cherry, Ash and some Field Maple</td>
<td>100 average</td>
<td>1200</td>
<td>8</td>
<td>L</td>
<td>5</td>
<td>C2</td>
<td>Immature group of roadside trees growing on a slope.</td>
</tr>
<tr>
<td>G19</td>
<td>Cherry and Ash with some Oak, Birch and young Rowan</td>
<td>100 average</td>
<td>1200</td>
<td>8</td>
<td>L</td>
<td>3</td>
<td>C2</td>
<td>Immature group of roadside trees growing on a slope.</td>
</tr>
<tr>
<td>G20</td>
<td>Birch with some young Cherries and Rowans</td>
<td>100 average</td>
<td>1200</td>
<td>8</td>
<td>L</td>
<td>4</td>
<td>C2</td>
<td>Immature group of roadside trees growing on a slope.</td>
</tr>
</tbody>
</table>