

# ECUS

environmental • consultancy

## Tree Survey Green Lane, Tutbury

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Report to:  
Peveril Homes Ltd  
Beech Lawn  
Green Lane  
Belper  
DE56 1BY

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**November 2009**

## ENVIRONMENTAL CONSULTANCY

*Report to:*

Peveril Homes Ltd

Beech Lawn

Green Lane

Belper

DE56 1BY

REPORT TITLE: **TREE SURVEY**

**Green Lane, Tutbury**

REVISION: Final Report

DATE: November 2009

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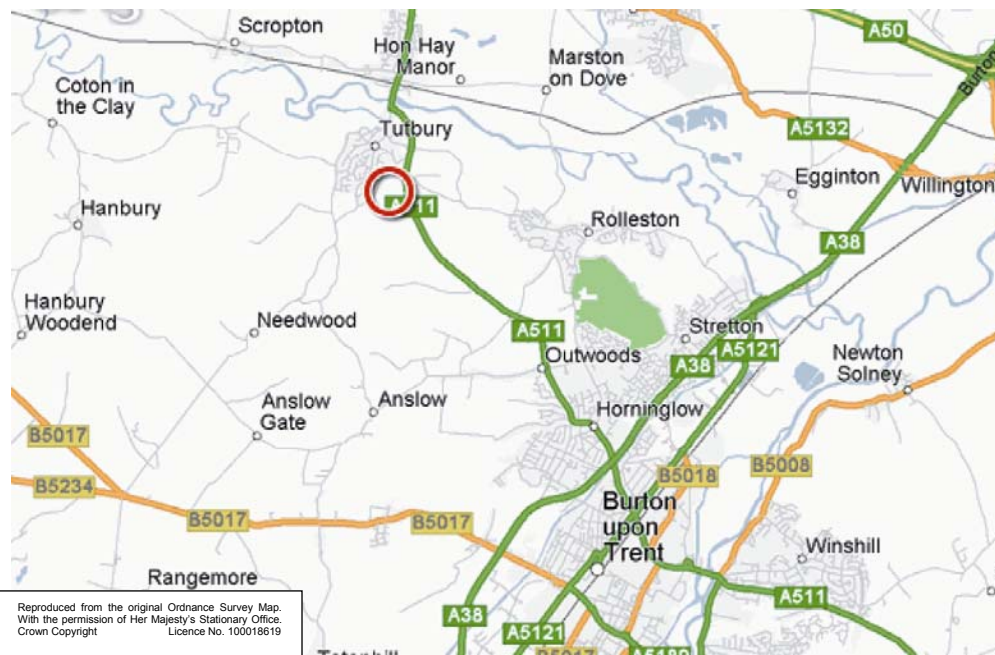
**Table 1** – Tree Survey Schedule

**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**

## 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**

Note: remove dead wood where it has been identified.

ID REF (ECUS notation on site)	Common Name	DBH (Diameter of tree stem at 1.5m height m) (in mm)	RPA (Radius of Root Protection Area in mm)	Estimated Height (in m)	Safe Useful Life Expectancy	Estimated Crown Spread (in m)	BS5837:2005 Category	Comments & Recommendations
T1	Cherry	140	1680	7	L	8	C2	Ivy growing up stem. Growing on site boundary.
T2	Ash	650	7800	14	L	12	B2	4 barbed wires embedded in stem at 1m high. Abutting post and rail fence. Some dead wood. <b>Recommendation: remove barbed wire and fence around stem where possible.</b>
T3	Cherry	250	3000	8	M	7	C2	Growing in neighbouring garden. Swing attached to tree.
T4	Ash	400	4800	12	L	12	B2	Growing in neighbouring garden. Some dead wood.
T5	Holly	Est 200	2400	8	L	4	C2	Growing in neighbouring garden. Surrounding shrubs growing among canopy.
T6	Holly	Est 250	3000	7	L	5	C2	Growing in neighbouring garden.
T7	Poplar	Est 400	4800	13	L	12	C2	Holly growing at the base.



ID REF (ECUS notation on site)	Common Name	DBH (Diameter of tree stem at 1.5m height m) (in mm)	RPA (Radius of Root Protection Area in mm)	Estimated Height (in m)	Safe Useful Life Expectancy	Estimated Crown Spread (in m)	BS5837:2005 Category	Comments & Recommendations
T8	Dead tree	250	3000	9	0	6	R	Ivy growing up stem. <b>Recommendation: fell and remove.</b>
T9	Dead tree	250	3000	9	0	6	R	Ivy growing up stem. <b>Recommendation: fell and remove.</b>
T10	Dead tree	Est 250 from base	2500	8	0	4	R	Ivy growing up stem. Multi-stemmed. <b>Recommendation: fell and remove.</b>
T11	Dead tree	Est 250	3000	10	0	8	R	Ivy growing up stem. <b>Recommendation: fell and remove.</b>
G12	Dead trees	Average Est 250	3000	7	0	5	R	Group of several dead trees. Recommendation: fell and remove.
T13	Ash	200	2400	8	M	7	C2	Recently planted tree. Slightly leaning towards road. Kink in trunk.
T14	Cherry	170	2040	8	L	4	C2	Immature tree.



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



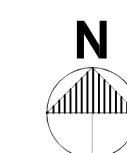


LEGEND

- Tree surveyed by ECUS - location of tree centre from topographic survey
- Tree surveyed by ECUS - tree location approximated by ECUS
- Hawthorn and Elder
- Existing site contours
- Hedgerows - comprising of hawthorn, elder and some blackthorn, holly, elm and occasional hazel

Tree categories (BS 5837:2005)

- Category A Tree
- Category B Tree
- Category C Tree
- Category R Tree



NOTES  
See ECUS Tree Report for Tree Schedule.

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Job Green Lane, Tutbury			
Title Tree Survey Plan			
Drawn by KM	Date Nov 09	Scale 1:1 250@A1	Drg. no. Figure 2