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Tree Survey
26 Barton Road, Market Bosworth.

Date of Report – 23rd May 2010

Proprietors

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Tree Survey at 26 Barton Road, Market Bosworth.

Address of Client: 26 Barton Road, Market Bosworth, Leicestershire

Name of Agent: Mr. C. A. Underwood A.R.I.B.A.

Address Of Agent: The Barn, Church Lane, Ravenstone. Coalville, Leicestershire LE67 2AE

Dates of Survey: 11th & 12th May 2010

Address of survey site: 26 Barton Road, Market Bosworth, Leicestershire

Planning Application Number:

Grid Reference of survey site: SK 40650338

Name of Surveyor: M. Randall, Arborist

Reason for survey

An initial tree survey was requested as part of the outline planning permission being sought for as yet unconfirmed developments on the site.

Description of site

The site is comprised of a dwelling and mature landscaped garden on the northern edge of the village. Bounded to the west and south by retaining walls of up to 2m high dropping down to the main carriageway and a Tarmac drive respectively. The site is bounded to the north by a neighbouring property and slopes gently up to the east where it runs into an area of woodland.

Survey Methods

All significant trees, shrub blocks and hedgerows on or immediately adjacent to the site were recorded.

Measurements were taken of height, diameter and crown spread at the cardinal compass points. Height measurements were determined either by direct measurement or, for taller trees, with the aid of a clinometer. Measurements of diameter were taken at 1.5 metres from the highest ground level around the base of the tree. Multi-stemmed trees were measured just above the root flare (BS5837:2005).

Tree ages were assessed as follows:

- *Young* - young, fast growing tree usually still showing juvenile form.
- *Middle aged* - showing mature form but still growing well.
- *Mature* - full mature form, growth slowing but showing no signs of age related decline.
- *Over mature* - starting to show early to advanced signs of age related decline.

Trees were assessed for condition as follows:

- *Good* - trees in apparent good condition with no obvious defects.
- *Fair* - trees apparently in fairly good condition or with defects that could be corrected by good tree surgery.
- *Poor* - trees in poor condition with significant defects or in obvious decline.

Deadwood was assessed as follows:

- *Light* - less than 50mm diameter.
- *Minor* - less than 100mm diameter.
- *Major* - greater than 100mm diameter.

Trees were assigned a retention category in accordance with BS 5837:2005 as follows:

- *Category* A - Trees of high quality and value.
- *Category B* - Trees of moderate quality and value.
- *Category* C - Trees of low quality and value.
- *Category R* - Trees to be removed.

These are indicated on the map as coloured markers.

All trees, shrub blocks and hedges were plotted on to a topographical plan supplied by the agent.

The local authority website was consulted to determine the boundary of the local conservation area.

Limitations of survey

Assessments of condition of trees were only done visually from the ground. A more detailed arboricultural survey may be needed where trees are to be retained.

The placement of trees on the map is not intended to infer ownership. This should be clarified before works to any trees are carried out.

This survey does not include a search for any existing Tree Preservation Orders.

This is an initial tree survey and may require a further tree constraints plan and root protection plan (to BS5837) before any work is carried out on the site.

Results

The results of the survey are presented in Table 1 and on the map.

The following tree species were recorded on the site:

Birch	*Betula* sp.
Japanese Cherry	*Prunus serrulata*
Wild Cherry	*Prunus avium*
Rhododendron	*Rhododendron* sp.
Beech	*Fagus sylvatica*
Holly	*Ilex aquifolium*
Rowan	*Sorbus aucuparia*
Laburnum	*Laburnum anagyroides*
Norway Maple	*Acer platanoides*
Garden Privet	*Ligustrum ovalifolium*
Lime	*Tilia* sp.
Flowering Crab	*Malus* sp.
Yew	*Taxus baccata*
Western Red Cedar	*Thuja plicata*
Sycamore	*Acer pseudoplatanus*
Apple	*Malus pumila*
Norway Spruce	*Picea abies*
Poplar	*Populus* sp.
Sweet Chestnut	*Castanea sativa*
Hawthorn	*Crataegus* sp.
Japanese Maple	*Acer palmatum*

The property lies just outside of the Market Bosworth Conservation Area.

Recommendations

If any proposed works require planning permission advice should be sought from the local planning authority before any trees are removed.

Any felling or scrub clearance should be carried out outside the bird breeding season (breeding season normally considered to be March-August, although this can be extended with certain species and due to climate change factors). Works affecting these areas during the nesting season may be possible if the areas are first checked and found to be clear of nesting birds by a suitably qualified ecologist. Should an active nest be found the nest must remain undisturbed until the young birds have fledged.

Any trees that are to be removed should be assessed for potential bat habitat (i.e. cracks or cavities) and further surveys sought where necessary.

Table 1. Tree survey at 26 Barton Road, Market Bosworth.

Tree/ Shrub/ Hedge/ Group	Species	Height (m)	Stem Diameter (mm)	Spread				Crown Clearance (m)	Age	Dead-wood	Condition	Comments	Estimated Remaining Contribution (years)	Cat
				N	S	E	W							
T1	*Betula* sp.	25	732	6	6	6	7	2	Mat	Li	Good	Fine landscape tree in good mature condition	20-30	B1
T2	*Prunus avium*	7	127	1	3	2	3	3	Yo	0	Good	Young tree in shrub bed	20-30	C1
T3	*Prunus serrulata*	7	477	5	3.5	4	4.5	2	Mat	Mi	Fair	Some decay at previous pollard points	10-20	C1
T4	*Betula* sp.	17	573	2.5	6	4	5	2	Mat	Li	Good	Good mature tree	20-40	B1
T5	*Betula* sp.	20	796	6	9	4.5	6	3	Mat	Mi	Fair	Fine landscape tree in good mature condition	20-30	B1
T6	*Ilex aquifolium*	5	120	1	2	1	2	1.5	Mid	0	Fair	Poor, shaded by T5		R
T7	*Sorbus aucuparia*	7	207	1	3	2	2	2	Mat	Mi	Fair	Ivy clad, poor form	10-20	C1
T8	*Betula* sp.	9	573	2	5	3	3	3	Mat	Mi	Fair	Heavy with ivy- good habitat	20-30	B3
T9	*Acer platanoides Drummondii*	7	95	3.5	2.5	0	3.5	2	Yo	Li	Fair	Variegated form suppressed by T10	10-20	C1
T10	*Acer platanoides*	10	254	3.5	3.5	3.5	4.5	1.5	Mid	Li	Good	Purple form	20-40	B2
T11	*Tilia* sp.	8	150	2.5	2	0	3	0	Yo	0	Fair	Poor form, leaning out from group		R
T12	*Malus* sp.	6	190	5	3.5	0	4.5	1.5	Mat	Li	Fair	Ornamental variety Suppressed by T 13 Some root damage due to nearby excavation		R
T13	*Taxus baccata*	5.5	286	5	1	5	5	0	Mat	Li	Fair	Suppressed but would recover given clearance	40+	B1
T14	*Acer platanoides*	11	318	5.5	5	5	5	2	Mid	Li	Fair	Purple form. Crown raise or consider removal to favour T13 &15	20-40	C2
T15	*Taxus baccata*	6	300	1.5	4	1	5	0	Mid	Li	Fair	Suppressed but would recover given clearance	40+	B1
T16	*Thuja plicata*	14	477	3.5	2	3.5	2	0	Mid	Li	Good	Consider removal in favour of long term retention of T13 & 15	10-20	C1
T17	*Acer pseudoplatanus*	9	190	2	3	3	2.5	5	Yo	Li	Fair	Single stemmed	20-40	C2
T18	*Malus pumila*	6	350 m/s	4.5	4.5	2	3.5	2.5	Mat	Mi	Fair	Poor form, shaded	10-20	C1
T19	*Acer pseudoplatanus*	10	105	3	0	0	2	3	Mid	Li	Fair	Growing up through T18		R
T20	*Acer pseudoplatanus*	10	160	1	2.5	2.5	2.5	3	Yo	0	Good	Single stemmed	20-40	C2
T21	*Acer pseudoplatanus*	12	223	3	3.5	3.5	2.5	2.5	Mid	0	Fair	Single stemmed, best of group	20-40	C2
T22	*Acer pseudoplatanus*	10	143	3.5	1	3	1.5	2.5	Yo	0	Poor	Lost leader poor form		R
T23	*Acer pseudoplatanus*	9	223	4	4.5	2	4	0	Mid	Mi	Poor	Extensive damage, poor form		R
T24	*Picea abies*	15	382	3.5	3	3.5	3.5	1.5	Mid	Li	Good			C
T25	*Acer pseudoplatanus*	9	102	2	0	0	1	2.5	Yo	Li	Fair	Poor suppressed		R
T26	*Acer pseudoplatanus*	9	111	2	2	0	2	3.5	Yo	Li	Fair	Poor suppressed		R
T27	*Malus pumila*	12.5	445	6	5	5.5	6	2.5	Mat	Mi	Fair	Large fully mature tree	10-20	C1
T28	*Malus pumila*	9	350	5	3	4.5	4	2	Mat	Mi	Fair	Large fully mature tree	10-20	C1

Tree/ Shrub/ Hedge/ Group	Species	Height (m)	Stem Diameter (mm)	Spread				Crown Clearance (m)	Age	Dead-wood	Condition	Comments	Estimated Remaining Contribution (years)	Cat
				N	S	E	W							
T29	*Populus* sp	23	573	5.5	6	6	5.5	2.5	Mid	Li	Good	Healthy fast growing tree liable to become over large and dominant	10-20	C1
T30	*Castanea sativa*	17	795	6	6	6.5	5	3	Mat	Ma	Poor	Good form but with serious wound on north side of trunk. May recover if wound is not progressive but requires survey/monitoring		C1
T31	*Crataegus* sp.	8	350	3	3.5	3	3.5	3	Mat	Li	Poor	Pollarded, torn out limb		R
T32	*Tilia sp.*	4	102	1.5	1.5	1.5	1.5	1.5	Yo	0	Fair	Could be moved if appropriate	20-40	C1
T33	*Malus pumila*	3	105	1	1.5	0.5	1	1	Mat	0	Fair	Poor form		R
T34	*Malus pumila*	4	190	2	2	1	3	1	Mat	0	Fair	Poor form		R
T35	*Acer palmatum*	5	190	3	3	2.5	3	2	Mat	0	Good	Good mature example	10-20	C1
T36	*Ilex aquifolium*	6.5	445	2	2	2	2	2	Mat	Li	Fair	Multi-stem coppice	10-20	C1
T37	*Ilex aquifolium*	6	207	3	2	3	3	2	Mat	Li	Good	On neighbouring property	10-20	C1
T38	*Ilex aquifolium*	6	143	3	3	3	3	2	Mat	0	Good	On neighbouring property	10-20	C1
H1	*Ligustrum ovalifolium* *Ilex aquifolium* *Taxus baccata*	2-3	100 m/s	1-2m wide					Mat		Poor	Thin patchy hedge		
H2	*Ligustrum ovalifolium*	2	100 m/s	1m wide					Mat		Fair	Short length of mixed hedge		
H3	*Ligustrum ovalifolium*	1.6	70 m/s	1m wide					Mat		Good	Clipped hedge between properties		
S1	*Rhododendrum* sp.	3							Mat		Fair	Mature shrub bed dominated by rhododendron		
S2	*Rhododendrum* sp.	3							Mat		Fair	Mature shrub bed dominated by rhododendron. Includes small Beech tree (*Fagus sylvatica*), which could be transplanted.		
S3	*Rhododendrum* sp.	3							Mat		Good	Mature shrub bed dominated by rhododendron		
G1	*Laburnum anagyroides*	8	Up to 0.7						O/M	Mi	Poor	In decline		R

Abbreviations used in table.
Stem diameter: m/s – multi-stemmed.
Age: O/M – over-mature, Mat – mature, Mid – middle-aged, Yo – young.
Deadwood: Mi – minor, Li – light, Ma – major, 0 – absent.
Cat – Retention Category.

Legislation

Bats

Bats and their roosts are protected under the Wildlife and Countryside Act 1981 (as amended by the CRoW Act 2000), and by the European Habitats Regulations 1994. To summarise; it is an offence to damage or destroy any place of shelter and protection used by bats (their roosts); deliberately, intentionally or recklessly obstruct a bat roost; deliberately, intentionally or recklessly disturb a bat; or intentionally kill, injure or take any bat.

Nesting Birds

Nesting Birds are protected under the Wildlife and Countryside Act 1981, which makes it an offence to intentionally kill, injure or take any wild bird or take, damage or destroy its nest whilst in use or being built, or take or destroy its eggs. In addition to this, for some rarer species (listed on Schedule 1 of the Act), it is an offence to intentionally or recklessly disturb them while they are nest building or, at or near a nest with eggs or young, or to disturb the dependent young of such a bird.

Tree preservation Orders / Conservation areas

If a tree is covered by a tree preservation order (TPO) or is in a conservation are it is an offence to cut down, lop, uproot, wilfully damage or destroy a tree without the issuing planning authority's permission.

References

British Standards Institute (2005) *Trees in Relation to Construction – Recommendations.* (BS5837). BSI, London.