



BS5837:2012 TREE SCHEDULE

SITE
Ratby Lane, Markfield

CLIENT
Corporate Architecture

DATE
September 2023

REFERENCE
230913 23080 TS V1

Tree No.	Common Name	Scientific Name	Height (m)	Stem Dia (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Phys Con	Struc Con	Additional notes	Preliminary recommendations	BS5837 Retention Category	RPA (m²)	RPA Radius (m)
					N	E	S	W									
T1	Apple	<i>Malus domestica</i>	6	260	5	5	5	5	2	Early-mature	Good	Good	Early mature specimen located towards the northern boundary of the site. Single stem. Structural canopy forms at c.1.5m. Good radial canopy. Of limited visibility externally to the site.	No work required at the time of assessment.	C1, 2	28	3.00
T2	Apple	<i>Malus domestica</i>	6	225	4	4	4	4	2	Early-mature	Good	Good	Early mature specimen located towards the northern boundary of the site. Single stem. Structural canopy forms at c.2m. Good radial canopy. Of limited visibility externally to the site.	No work required at the time of assessment.	C1, 2	23	2.70
T3	Apple	<i>Malus domestica</i>	5	245	3	3	3	3	2	Early-mature	Good	Fair	Early mature specimen located towards the northern boundary of the site. Single stem. Stem biased south. Structural canopy forms at c.1m. Good radial canopy. Of limited visibility externally to the site.	No work required at the time of assessment.	C1, 2	28	3.00
T4	Blue Spruce	<i>Picea pungens</i>	7	140	3	3	3	3	2	Semi-mature	Good	Good	Semi mature specimen located on the northern boundary of the site. Single stem maintained for entire height. Good radial canopy. Adds to the wider boundary group.	No work required at the time of assessment.	C1, 2	10	1.80
T5	Kobus magnolia	<i>Magnolia kobus</i>	5	135.28	3	3	3	3	1	Semi-mature	Good	Fair	Semi mature specimen located towards the northern boundary of the site. Forms 4no stems from ground level. Good radial canopy. Of limited visibility externally to the site.	No work required at the time of assessment.	C1, 2	7	1.50
T6	Common ash	<i>Fraxinus excelsior</i>	10	134.63	3	3	3	3	4	Semi-mature	Fair	Poor	Semi mature specimen located in the northwest corner of the site. Forms 3no stems from ground level. Sparse leaf cover, likely to be of limited long term retention value.	No work required at the time of assessment.	C2	7	1.50



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T7	Common ash	<i>Fraxinus excelsior</i>	10	134.63	3	3	3	3	4	Semi-mature	Poor	Fair	Semi mature specimen located in the northwest corner of the site. Forms 3no stems from ground level. Sparse leaf cover, likely to be of limited long term retention value.	No work required at the time of assessment.	C2	7	1.50
T8	Magnolia	<i>Magnolia grandiflora</i>	5	135.28	3	3	1	3	1	Semi-mature	Good	Fair	Semi mature specimen located towards the northern boundary of the site. Forms 4no stems from ground level. Canopy biased to the north. Of limited visibility externally to the site.	No work required at the time of assessment.	C1, 2	7	1.50
T9	Blue Spruce	<i>Picea pungens</i>	8	235	3	3	3	3	3	Semi-mature	Good	Good	Semi mature specimen located towards the northern boundary of the site. Dense vegetation at base limiting a detailed assessment. Single stem maintained for entire height. Good radial canopy. Likely to be of limited visibility externally to the site.	No work required at the time of assessment.	C1, 2	23	2.70
T10	Norway maple	<i>Acer platanoides</i>	7	180	3	3	3	3	2.25	Semi-mature	Fair	Good	Semi mature specimen located centrally within the site. Dense vegetation at base limiting a detailed assessment. Single stem. Good radial canopy. Pale leaf colour and minor dieback west. Likely to be of limited visibility externally to the site.	No work required at the time of assessment.	C1, 2	14	2.10
T11	Purple Norway Maple	<i>Acer platanoides</i> 'Crimson King'	7	290	4	4	4	4	1.75	Early-mature	Fair	Fair	Early mature specimen located centrally within the site. Dense vegetation at base limiting a detailed assessment. Single stem. Previously topped at c.4m, now with good regrowth. Good radial canopy.	No work required at the time of assessment.	C1, 2	41	3.60
T12	Magnolia	<i>Magnolia grandiflora</i>	3	165	3	3	3	3	1.5	Semi-mature	Good	Fair	Semi mature specimen located towards the southern boundary of the site. Ornamental planting. Forms c.9no stems from ground level. Good radial canopy. Of limited visibility externally to the site.	No work required at the time of assessment.	C1, 2	14	2.10



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					N	E	S	W									
T13	Lily magnolia	<i>Magnolia liliiflora</i>	5	130.1	4	4	4	4	2	Semi-mature	Good	Fair	Semi mature specimen located towards the southern boundary of the site. Ornamental planting. Forms 2no stems from ground level. Good radial canopy. Adds height to the boundary screen.	No work required at the time of assessment.	C1, 2	7	1.50
T14	Sweetbay Magnolia	<i>Magnolia virginiana</i>	5	130.1	3	3	3	3	1.5	Semi-mature	Good	Fair	Semi mature specimen located towards the southern boundary of the site. Ornamental planting. Forms 2no stems from ground level. Good radial canopy. Adds height to the boundary screen.	No work required at the time of assessment.	C1, 2	7	1.50
T15	Lily magnolia	<i>Magnolia liliiflora</i>	2	90	3	3	3	3	1	Young	Good	Fair	Young specimen located towards the southern boundary of the site. Ornamental planting. Single stem bifurcates at c.0.5m. Good radial canopy. Of limited arboricultural merit, readily replaceable.	No work required at the time of assessment.	C1, 2	7	1.50
T16	Wild cherry	<i>Prunus avium</i>	6	400	5	4	4	4	2.5	Early-mature	Fair	Fair	Early mature specimen located in the southeast corner of the site adjacent to the site access. DBH estimated due to dense vegetation at base, limiting a detailed assessment. Structural canopy forms at c.1.5m. Good radial canopy, slight bias north. Canopy reduced due to overhead cables likely limiting its future potential. Prominent specimen on the site access. Slightly sparse leaf cover. Likely replaceable within the short to medium term.	No work required at the time of assessment.	C1, 2	72	4.80
T17	Sweetbay Magnolia	<i>Magnolia virginiana</i>	7	245	4	4	4	3	1.75	Semi-mature	Good	Fair	Semi mature specimen located on the eastern boundary of the site. Ornamental planting. Single stem. RPA incursion from access road west. Canopy cutback from road west. Adds height to the boundary screen.	No work required at the time of assessment.	C1, 2	28	3.00



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T18	Leyland cypress	<i>Cupressus x leylandii</i>	3	160	1	1	1	1	0	Semi-mature	Good	Good	Semi mature specimen located towards the eastern boundary of the site. Single stem. Good radial canopy. Readily replaceable.	No work required at the time of assessment.	C2	10	1.80
T19	Common hawthorn	<i>Crataegus monogyna</i>	5	190	3	3	3	2	2	Semi-mature	Fair	Fair	Semi mature specimen located towards the eastern boundary of the site. Single stem. Slightly sparse leaf cover. Canopy reduced west away from the adjacent road. Adds height to the boundary screen.	No work required at the time of assessment.	C1, 2	18	2.40
G1	Sycamore, Lawson cypress, Common hawthorn, Common beech, Common holly, Juniper, Scots pine, Cherry laurel, Blackthorn, Common pear, Rowan	<i>Acer pseudoplatanus</i> , <i>Chamaecyparis lawsoniana</i> , <i>Crataegus monogyna</i> , <i>Fagus sylvatica</i> , <i>Ilex aquifolium</i> , <i>Juniperus communis</i> , <i>Pinus sylvestris</i> , <i>Prunus laurocerasus</i> , <i>Prunus spinosa</i> , <i>Pyrus communis</i> , <i>Sorbus aucuparia</i>	3 - 9	110 - 235	5	5	5	5	0	Semi-mature	Good	Fair	Semi mature group located on the northern boundary of the site. Single stems. Forms a dense common cohesive canopy. Forms a significant boundary screen from Thornton Lane north and Ratby Lane east.	No work required at the time of assessment.	C1, 2	235	2.70

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G2	Snowy mespilus, Silver birch, Himalayan cotoneaster, Common hawthorn, Scots pine, Common yew	<i>Amelanchier lamarckii</i> , <i>Betula pendula</i> , <i>Cotoneaster simonsii</i> , <i>Crataegus monogyna</i> , <i>Pinus sylvestris</i> , <i>Taxus baccata</i>	2.5 - 11	50 - 160	4	4	4	4	0	Semi-mature	Good	Fair	Semi mature group located on the northern boundary of the site. Single stems. Forms a dense common cohesive canopy. Majority of group comprises 7no Scots pine along the boundary. Forms a significant boundary screen from Thornton Lane north and Ratby Lane east.	No work required at the time of assessment.	C1, 2	160	1.80
G3	Silver birch, Himalayan cotoneaster, Common hawthorn, Scots pine, Cherry laurel	<i>Betula pendula</i> , <i>Cotoneaster simonsii</i> , <i>Crataegus monogyna</i> , <i>Pinus sylvestris</i> , <i>Prunus laurocerasus</i>	2.5 - 11	60 - 170	4	4	4	4	0	Semi-mature	Good	Fair	Semi mature group located on the northern boundary of the site. Single stems. Forms a dense common cohesive canopy. Majority of group comprises 7no Scots pine along the boundary. Forms a significant boundary screen from Thornton Lane north and Ratby Lane east.	No work required at the time of assessment.	C1, 2	170	2.10
H1	Common beech	<i>Fagus sylvatica</i>	3	30 - 55	3	3	3	3	0	Semi-mature	Good	Good	Semi mature hedgerow located centrally within the site. Forms a dense low level boundary screen.	No work required at the time of assessment.	C2	55	1.50
H2	Lawson cypress	<i>Chamaecyparis lawsoniana</i>	3 - 4	50 - 75	4	4	4	4	0	Semi-mature	Good	Good	Semi mature hedgerow framing the northern boundary of the site. Forms a dense low level boundary screen from Thornton Lane north.	No work required at the time of assessment.	C2	75	1.50
H3	Cherry laurel	<i>Prunus laurocerasus</i>	2.5 - 3.5	40 - 80	4	4	4	4	0	Semi-mature	Good	Fair	Semi mature hedgerow framing the western boundary of the site. Of limited arboricultural merit but does form a low level boundary screen.	No work required at the time of assessment.	C2	80	1.50



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H4	Bramble	<i>Rubus fruticosus</i>	1 - 2	20 - 50	3	3	3	3	0	Young	Fair	Fair	Young hedgerow of limited arboricultural merit. Of limited visibility.	No work required at the time of assessment.	C2	50	1.50
H5	Lawson cypress	<i>Chamaecyparis lawsoniana</i>	3	30 - 55	3	3	3	3	0	Semi-mature	Poor	Fair	Semi mature hedgerow located centrally within the site. Forms a dense low level boundary screen.	No work required at the time of assessment.	C2	55	1.50
H6	Lawson cypress, Common beech, Bramble	<i>Chamaecyparis lawsoniana</i> , <i>Fagus sylvatica</i> , <i>Rubus fruticosus</i>	4	50 - 80	3	3	3	3	0	Early-mature	Good	Good	Early mature hedgerow framing the western boundary of the site. Forms a dense cohesive boundary screen.	No work required at the time of assessment.	C2	80	1.50
H7	Lawson cypress, Common hawthorn	<i>Chamaecyparis lawsoniana</i> , <i>Crataegus monogyna</i>	3	30 - 55	3	3	3	3	0	Semi-mature	Poor	Fair	Semi mature hedgerow located on the eastern boundary of the site. Forms a dense low level boundary screen from Ratby Lane east.	No work required at the time of assessment.	C2	55	1.50