

Tree Survey Schedule - Key

Life Stage	Description	Key	Description	BS Category	Description
NP	Newly planted	Stem Ø (mm) at 1.5m	Diameter of stem(s) in millimetres measured at 1.5m above ground level in accordance with BS 5837:2012.	A	Tree(s) of high quality with an estimated remaining life expectancy of at least 40 years.
Y: Young	An establishing tree that could be easily transplanted.	Stems	Numbers of stems or M/S = Multi-Stemmed.	B	Tree(s) of moderate quality with an estimated remaining life expectancy of at least 20 years.
SM: Semi Mature	An established tree still to reach its ultimate height and spread and with considerable growth potential.	Height of (FSB)	Height of first significant branch above ground level.	C	Tree(s) of low quality and value with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm.
EM: Early Mature	A tree reaching its ultimate height and whose growth is slowing however it will still increase in stem diameter and crown spread.	Crown Spread	Crown spread at the four cardinal points, North, South, East and West.	U	Unsuitable for retention. Trees 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.
M: Mature	A tree with limited potential for further significant increase in size although is likely to have a long safe useful life expectancy.	Condition	Assessment of the physiological and structural condition of the tree observed at the time of surveying.	RPA radius (m) Radius of Root Protection Area (RPA) in metres based on relevant calculation in BS5837:2012 section 4.6.	
OM: Over Mature	A senescent or moribund tree with a limited useful life expectancy.	Est Remaining Contribution (Years)	Estimated Remaining Contribution in Years (<10, 10+, 20+, 40+)	RPA Area (m2) A layout design tool indicating the minimum area surrounding the tree that contains sufficient rooting volume to maintain the tree's viability, and where the protection of the roots and soil structure is treated as a priority. Size and shape based on calculations and constraints noted in BS5837:2012 section 4.6.	
V: Veteran	A tree older than typical for its species and of significant ecological, cultural or aesthetic value.				

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34-52 Out Westgate, Bury St. Edmunds, Suffolk IP33 3PA
 tel: 01284 335797 email: jamesblake@jba-landmarc.com

Chairman: James Blake BA (Hons) Dip LA (Hons) CMLI

Company Secretary: Louise Blake BSc PGCE

Directors: Elzbieta Zebrowska MSc Eng LArch MScEnvSc CMLI ; Kevin Slezacek DipArb MArborA

Associate Directors: Vivienne Jackson ; Marie Lowe CIMA Cert BA

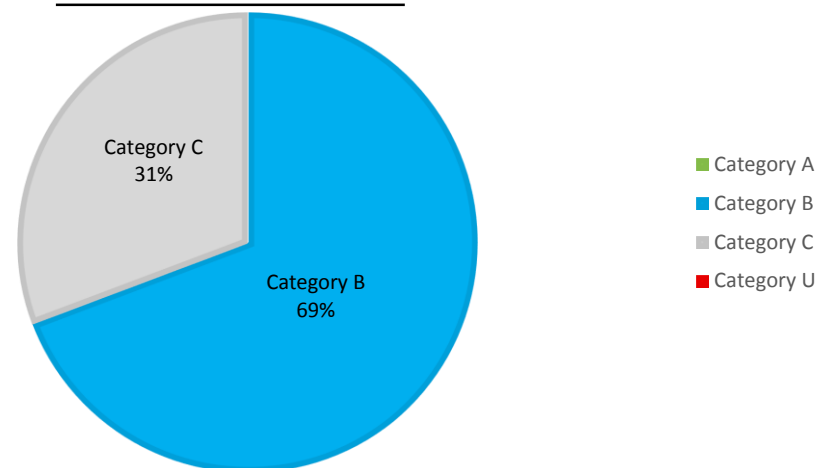
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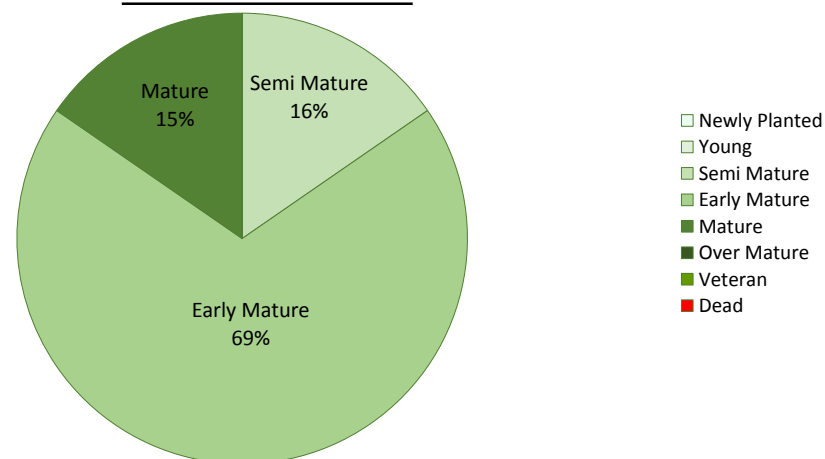
BS Category	Total
Category A	0
Category B	9
Category C	4
Category U	0
	13

Age Class	Total
Newly Planted	0
Young	0
Semi Mature	2
Early Mature	9
Mature	2
Over Mature	0
Veteran	0
Dead	0
	13

BS CATEGORY CHART



AGE CLASS CHART



Tree Survey Schedule

Site name: Harefield Grove, Rickmansworth Road, Harefield

Client: Comer Homes

Job Number: 20/027

Survey Date: 10 July 2020

Surveyor: Simon Smith

Tree No.	Tree Species	Life Stage	Stem Ø (mm) at 1.5m	Height (crown height) (m)	Height of (FSB)	Crown Spread				Condition	Comments	Tree Management Recommendations	Est Remaining Contribution (Years)	BS Cat	RPA Radius (m)	RPA area (m2)
						N	E	S	W							
T188	Abies nordmanniana (Caucasian Fir)	EM	550	19(11)	12	3.5	4	3.5	3.5	Good	Historic crown lift.		20+	B2	6.6	137
T189	Ilex aquifolium (Common Holly)	SM	406	10(2)	2.5	3.5	4.5	4	4.5	Good	Recent crown lift.		20+	B2	4.9	75
T190	Fagus sylvatica f. purpurea (Copper Beech)	SM	230	11(2.5)	3	3	4	3	3	Good	Recent crown lift.		20+	B2	2.8	24
T191	Fraxinus excelsior (Common Ash)	EM	380	15(5)		6	6	6	6	Good	Minor dead wood.		20+	B2	4.6	65
T192	Taxus baccata (Common Yew)	EM	370	7(2)	2	4	7	5.5	7	Good	Historic crown lift.		10+	C1	4.4	62
T193	Betula pendula (Silver Birch)	EM	376	8(3.5)	2.5W	4	3	4	5	Good			20+	B2	4.5	64
T194	Betula pendula (Silver Birch)	EM	410	9(2.5)	3	4	4	3	3	Poor	Sparse upper crown, chlorotic foliage.		10+	C1	4.9	76
T195	Betula pendula (Silver Birch)	EM	290	8(1.5)	2W	3	4	2	0	Fair	Poor shape & form.		10+	C1	3.5	38

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						N	E	S	W							
T196	Aesculus hippocastanum (Horse Chestnut)	M	1110	15(2.5)	3SW	6	6	8	6	Good	Branch pruning wounds. Horse Chestnut Leaf Miner. Recent crown lift.		20+	B1	13.3	557
T197	Quercus robur (Common Oak)	EM	650	13(5)	6	4	4	5	6	Good	Historic crown lift.		20+	B2	7.8	191
T198	Fraxinus excelsior (Common Ash)	EM	438	15(2.5)	2.5E	5	5	5	4	Good	Multi-stemmed from base.		20+	B2	5.3	87
T199	Aesculus hippocastanum (Horse Chestnut)	M	830	13(1)	4E	7.5	8	6	6	Good	Horse Chestnut Leaf Miner.		20+	B2	10.0	312
T200	Quercus robur (Common Oak)	EM	640	12(4)	4	6	3	4	5	Fair	Potential bat roost features. Stem wounds. Stem cavity. Historic crown reduction. Sparse crown.		10+	C3	7.7	185

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