

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	Trees are single-stemmed unless noted otherwise in schedule.	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. Up to 25% of attainable age.	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. Up to 50% of attainable age.	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. Over 50% of attainable age.	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.	ERC (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.				

Tree Survey Schedule

Site name: Norwich Research Park
Client: NRP
Job Number: 23/016

Survey Date: 29 November 2023
Surveyor: Dennis Larbalestier

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	ERC (Years)	BS Cat	RPA Radius (m)	RPA area (m ²)
						N	E	S	W							
T1	English oak	EM	750	11.0	3.0	7.0	7.0	7.0	7.0	Good	Southern side of trunk has a large split (1.2m from 1m above ground level) down the centre. Looks to be a twin stem that has almost fully occluded. Less than 10% dead wood throughout. Tree located behind security fencing. Stem diameter estimated.	No work recommended.	40+	B1	9.0	254
T2	English oak	EM	700	14.0	2.0	10.0	10.0	8.0	8.0	Good	Canopy dominant toward north east. Thinning of leading branch foliage towards the top of the tree. Tree located behind security fencing. Stem diameter estimated.	No work recommended.	40+	B1	8.4	222
T3	English oak	M	1100	15.0	3.5	11.0	11.0	11.0	11.0	Good	An impressive specimen, dense growth and symmetrical form. Ivy clad from 1m to 3/4 in height. Ivy obscuring main union and scaffold limbs. Tree located behind security fencing. Stem diameter estimated.	No work recommended.	40+	A1	13.2	547
G4	Field maple Scots pine English oak Common hazel Hawthorn Blackthorn Silver birch Larch Sweet chestnut Elder	SM	250	10.0	~	3.0	3.0	3.0	3.0	Fair	Managed as a planted boundary amenity group. Managed as a woodland walk that surrounds the hospital car park. Open public access. Approximately 10% of trees within group were dead or dying due to competition/close planting. Average data taken for whole group. Group located behind security fencing separating it from car park.	No work recommended.	20+	C2	3.0	28

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