

TREE SURVEY KEY

Further information can be obtained from BS 5837: 2012 'Trees in relation to design, demolition & construction – Recommendations'; on which this survey is based.

Abbreviations: Av - average figure; OS - off-site; * - est. reading; MS – multi-stemmed; SS – single-stemmed; TS – twin-stemmed

Tree ref	Each surveyed feature is assigned a number that corresponds to any report, discussion and (attached) plans T Individual specimen G A group of two or more specimens that should be regarded as a single unit H Linear group of specimens that form a hedge W A larger group or area of trees that should be regarded as a single woodland unit.
Species	The accepted common name for the species.
Height	A measurement of the existing height, in metres.
Diameter	The diameter of the stem or stems (given in mm) taken from a height of 1.5m or as per BS 5837, rounded to the nearest 25mm.
Age	An assessment of the tree's age: Young Within first ten years of its life. S Mat Reached age of reproduction, early stage of development. E MAT Mature form but not yet full size. Mat Crown has reached full dimensions. O Mat A tree that has exceeded its expected life span. Vet A tree that should not be assessed in terms of an expected life span but as a self-contained ecological feature.
Crown spread	An approximate radial measurement, in metres, of the existing crown spread, taken for the four cardinal compass points.
Crown clearance	Height of crown clearance above ground, in metres.
Physiological condition	An assessment of the tree's physiological condition: Good, Normal, Declining or Dead
Structural condition	An assessment of the tree's structural condition: Good, Adapted or Poor
ERC	Estimated remaining contribution of the tree(s) in years. (<10yrs, 10-20yrs, 20-40yrs, 40yrs+)
Category	An assessment of the tree's categorisation as specified in BS 5837: U Trees that cannot be retained longer than 10 years due to condition, usually removed as part of the development proposals <u>but</u> may have ecological values A Trees of high value & a life expectancy of 40 years+ B Trees of moderate quality & a life expectancy of at least of 20-40 years C Trees of low quality & a life expectancy of 10-20 years.
Comments	Any pertinent comments on or concerning the tree including any broad wildlife habitat considerations.
RPA^{m²}	The tree's (theoretical) root protection area, in m ² , calculated from the formula given in BS 5837
Radial RPA	Radius that defines a circle of the same area as the RPA
Please note	BS 5837 suggests that significant trees are also sub-categorised: 1 A tree of arboricultural value 2 A tree of landscape value 3 A tree of ecological, cultural or historical value These sub-categories are given for information only and do not confer any additional value.

JP Associates BS 5837 Tree Survey Schedule

BS 5837 Schedule

Site: The Vines, Exeter
Ref: D46 04

Surveyor: JPP
Date: 25/10/2019

Weather: Cloudy & damp

Tree Ref	Species	Height (m)	Diameter (mm)	SS/MS	Age	Crown Spread NESW (m)	Crown Clearance (m)	Condition Physio	Condition Structural	ERC	Cat	Comments Recommended Work	RPA (m2)	Radial RPA (m)
T1	Lime	19	1300	SS	Mat	Av 12	1	Good	Good	40+	OS	Large off-site lime growing in adjacent POS/hotel grounds	764.2	15.6
G2	Holm oak, ash	17	620	SS	Smat	Av 8	1	Good	Average	20-40	OS	Group of trees growing in boundary hedge	173.8	7.4
G3	Elder & scrub	3	100	MS	Smat	Av 3	0	Average	Average	10-20	C	Scrub growth extending out from boundary hedge	4.5	1.2
T4	Bay	10	400	MS	Smat	Av 4	0	Average	Average	10-20	C	Bay growing adjacent to old garden wall	72.3	4.8
G5	Cotoneaster, elder, willow & general scrub	6	100	MS	Mat	Av 4	0	Average	Average	10-20	C	General scrub & former garden shrubs around site	4.5	1.2
T6	Bay	4	150	MS	Smat	Av 2	0	Average	Average	10-20	C	Smaller bay growing adjacent to old garden wall	10.2	1.8
G7	Spruce	17	450	SS	Mat	Av 6	1.8	Average	Average	10-20	OS	Group of 4 trees immediately off-site behind garden fence	91.6	5.4
G8	Birch	16	450	SS	Mat	Av 6	1.8	Average	Good	10-20	C	Group of 3 birch adjacent to boundary fence. Middle tree poorer with stem decay bracket	91.6	5.4
G9	Acacia & birch	17	560	SS	Mat	Av 8	1.8	Average	Good	20-14	B2	surpressed birch below better acacia	141.8	6.7
T10	Liquid amber	17	570	Twin @ 1m	Mat	Av 5.5	1.8	Average	Average	10-20	C	Unlikely to remain beyond the short term	146.9	6.8
T11	Bishops pine	15	750	Twin @ 1m	Mat	Av 5.5	2	Good	Average	20-40	B2	Tree has lean to NW but in good condition	254.3	9.0
G12	Laurel	11	150	MS	Mat	Continuous	0	Average	Average	10-20	C	Dense unmanaged laurel	10.2	1.8
T13	Ash	17	390	SS	Smat	Av 6	1	Average	Good	10-20	C	Crown beginning to decline (ADB?)	68.8	4.7
G14	Willow, elm	12	200	MS	Smat	Av 4	0	Average	Average	10-20	OS	Off-site scrub group growing beyond boundary wall	18.1	2.4
T15	Oak	18	800	SS	Mat	Av 9	1	Good	Good	40+	OS	Large oak beyond site boundary	289.4	9.6

Ref: D46 04 Date: October 2019