MWA Tree Survey Schedule

Tree No.	Species	Ht. (m)	Stem Dia. (mm)	CS N (m)	CS E (m)	CS S (m)	CS W (m)	Crown Ht. (m)	Age Class	General Observations	ERC (Y)	RPA Radius (m)	BS Cat.
T1	Apple	6.5	350, 295	4.50	3.50	4.50	6.25	1.0 W	M	Domestic fruit tree. Decay in stems.	10+	5.50	C2
T2	Purple leaf plum	7.0	205, 205	3.00	2.50	4.50	5.50	2.0 N	EM	Established ornamental tree. Suppressed from E.	10+	3.48	C1
T3	Common ash	8.0	295, 200*	4.00	4.00	4.00	4.00	2.0 N	SM	Base obscured by hedge and ivy. Die back in tips. Likely of significantly reduced potential.	<10	4.28	U
T4	Horse chestnut	9.0	395, 390	5.50	6.00	5.00	6.00	4.0 S	EM	Tree at edge of field. Rooted above level of adjacent road. Lifted over access road and likely reduced in past.	20+	6.67	B2
T5	English oak	14.0	970	7.00	6.50	7.00	7.00	4.0 S	M	Tree at edge of field. Rooted above level of adjacent road. Lifted over access road and likely reduced in past.	20+	11.64	B2
T6	Norway maple	15.0	640	7.75	9.00	8.00	8.00	4.0 S	EM	Tree at edge of field. Rooted above level of adjacent road. Lifted over access road and likely reduced in past.	20+	7.68	B2
T7	English oak	13.0	1060	7.00	6.00	9.50	8.75	1.0 W	M	Tree between field and access road. Compact crown. Lifted over access and likely reduced in past.	20+	12.72	B2
T8	Ornamental cherry	6.0	170, 100	1.00	4.50	5.00	4.00	1.0 S	SM	Established ornamental tree. Suppressed from N.	10+	2.37	C2
T9	Walnut	11.0	435	7.50	6.75	8.00	7.75	0.5 W	EM	Established ornamental tree of moderate quality and some potential.	20+	5.22	B2
T10	English oak	11.0	550*	3.00	6.25	9.00	6.25	3.0 E	EM	Heavily suppressed hedgerow tree.	20+	6.60	C2
T11	English oak	16.0	1075	9.50	7.00	10.50	11.00	3.0 W	M	Mature oak with multiple old tear out wounds, minor decay pockets and large dead wood in crown.	40+	12.90	A3
T12	English oak	13.0	930	6.00	7.00	5.25	9.00	1.5 W	M	Single stem largely obscured by ivy. Some tear out wounds visible. Suppressed from S.	20+	11.16	B2
T13	Common ash	12.0	1500*	6.75	8.50	8.50	8.50	2.0 E	OM	Former coppice. Multiple stems. Scaffold obscured by ivy. Die back in tips but still of considerable value due to age and condition.	10+	15.00	A3
T14	Elder	5.0	65, 65, 75*	2.00	2.00	2.00	2.00	1.0 E	SM	Self seeded tree in very close proximity to barn.	10+	1.43	U
T15	Goat willow	6.0	160, 100*	4.50	5.00	5.00	5.00	1.0 S	SM	Self seeded tree in very close proximity to barn.	10+	2.27	U
TG1	Hazel, Holly, Lilac, Pittosporum, Leyland cypress.	5.0	110, 110	4.25	4.25	4.25	4.25	0.0 E	SM	Collection of trees and shrubs closely adjacent to shed. Managed feature with some branches in contact with wall and roof.	10+	1.87	C1
TG2	Beech, Scots pine, Common ash, False acacia, Spruce	21.0	210 to 610, 340	5.00	8.50	8.00	11.00	2.0 W	EM	Collection of mixed species trees forming a significant landscape feature. Of some arboricultural merit as individuals despite mutual suppression.	40+	2.52 to 8.39	A2

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Tree No.	Species	Ht. (m)	Stem Dia. (mm)	CS N (m)	CS E (m)	CS S (m)	CS W (m)	Crown Ht. (m)	Age Class	General Observations	ERC (Y)	RPA Radius (m)	BS Cat.
TG3	Plum, Elder	4.0	175	4.00	4.00	4.00	4.00	0.5 N	EM	Fruit trees in partially overgrown area.	10+	2.10	C1
TG4	Scots pine, Beech	18.0	575	9.50	9.50	9.50	9.50	0.5 S	EM	Plantation block of beech with pine. Provides a landscape feature. One tree wind thrown and hung up on NE corner.	40+	6.90	A2
TG5	Silver birch	10.0	100	3.00	3.00	3.00	3.00	1.0 S	SM	Pair of self seeded trees in close proximity.	10+	1.20	C2
TG6	Silver birch	10.0	230	3.50	3.50	3.50	3.50	1.0 N	SM	Pair of self seeded trees in close proximity.	10+	2.76	C2
TG7	Common beech	5.0	265	2.50	2.50	2.50	2.50	0.0 N	SM	Managed, established tree. Cut back over vehicle access to N.	10+	3.18	C2
TG8	Hazel	5.0	6 x 75*	4.00	4.00	4.00	4.00	0.0 E	EM	Previously coppiced clump of hazel.	10+	2.02	C2
SG1	Euonymus, Viburnum, Snowberry, Mahonia	3.5	250* ms	2.50	2.50	2.50	2.50	1.5 S	EM	Collection of managed shrubs in raised planter.	10+	3.00	C2
H1	Blackthorn	3.0	95*	3.50	3.50	3.50	3.50	0.0 S	SM	Hedge beside wall to N.	10+	1.14	C2
H2	Hawthorn, Blackthorn, Elder	3.0	60 x 5*	2.50	2.50	2.50	2.50	0.0 E	EM	Hedge with gaps, some large.	10+	1.61	C2

MWA Tree Survey Schedule

Headings and Abbreviations:

No.	Allocated sequential reference number - Tree ('T'), Group ('G'), Woodland ('W') or Hedge ('H') reference number - refer to plan and to numbered tags where applicable
Species:	Common name
Height:	In metres, to half nearest metre – where possible approximately 80% are measured using an electronic clinometer and the remainder estimated against the measured trees. In the case of Groups and Woodlands the measurement listed is that of the highest tree
Stem Diam.:	Stem diameter in millimetres, to nearest 10mm - measured and calculated as per Annex C of BS5837:2012. MS = multi-stemmed, TS = twin-stemmed
Branch Spread:	Crown radius measured (or estimated where considered appropriate) from the four cardinal points (north, east, south and west) to give an accurate visual representation of the crown
Crown Height:	Existing height above ground level, in metres, of first significant branch and direction of growth (e.g. 2.5-N) and of canopy at lowest point – to inform on crown to height ratio, potential for shading, etc.
Age Class:	Estimated age class - Y = young, SM = semi-mature, EM = early-mature, M = mature, PM = post-mature
ERCY:	Estimated Remaining Contribution - in years as per BS5837:2012 (i.e. <10, 10+, 20+, 40+)
BS Cat::	Category Grading - tree retention value listed as U, A, B or C - in accordance with BS5837:2012 Table 1
RPA Radius (m):	Root Protection Area Radius - in metres measured from the centre of the stem to the line of tree protection
*** (Estimated Dimensions):**	Where trees are located off-site, or are inaccessible for any other reason, and accurate measurements or other information cannot be taken then the information provided is estimated and is duly suffixed with a "*" symbol
† (Protected Tree)	Where trees are protected by a Tree Preservation Order (TPO) the Tree No. will have a "†" symbol as a suffix.

List of Common & Scientific Names

Apple	*Malus sp.*	Euonymus	*Euonymus sp.*	Plum	*Prunus sp.*
Ash, Common	*Fraxinus excelsior*	False acacia	*Robinia pseudoacacia*	Plum, Purple leaved	*Prunus cerasifera*
Beech, Common	*Fagus sylvatica*	Hazel	*Corylus avellana*	Snowberry	*Symphoricarpus sp.*
Birch, Silver	*Betula pendula*	Holly	*Ilex aquifolium*	Spruce	*Picea sp.*
Blackthorn	*Prunus spinosa*	Mahonia	*Mahonia sp.*	Viburnum	*Viburnum sp.*
Cherry	*Prunus sp.*	Maple, Norway	*Acer platanoides*	Walnut	*Juglans regia*
Chestnut, Horse	*Aesculus hippocastanum*	Oak, English	*Quercus robur*	Willow, Goat	*Salix caprea*
Cypress, Leyland	*x Cuprocyparis leylandii*	Pine, Scots	*Pinus sylvestris*		
Elder	*Sambucus nigra*	Pittosporum	*Pittosporum sp.*		

MWA Tree Survey Schedule

Cascade chart for tree quality assessment (BS 5937:2012)

Category and definition	Criteria (including subcategories where appropriate)		
Trees unsuitable for retention (see Note)			
Category U Those in such a condition that they cannot realistically be retained as living trees in the contact of the current land use for longer than 10 years	• Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) • Trees that are dead or are showing signs of significant, immediate and irreversible overall decline • Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees supressing adjacent trees of better quality *NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve*		
Trees to be considered for retention	**1 Mainly arboricultural qualities**	**2 Mainly landscape qualities**	**3 Mainly cultural values, including conservation**
Category A Trees of high quality with an estimated life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees groups of woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical commemorative or other value (e.g. veteran trees or wood pasture)
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage) such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	Trees with material conservation or other cultural value
Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value

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