

## Site Visit Notes for Tree Survey CPM 2172, Gavray Drive, Bicester

Tree Group No	Species	Quality Class	Age Class	Height (m)	DBH (cm)	Health	Comments
T1	Oak	B	Mature	12m	95cm	Fair / Good	Tree forms part of hedgerow alignment, appears generally vigorous with rounded canopy, and evidence of management and limb removal over time. Slight southerly canopy bias with a spread of approximately 10m to the south and approximately 7m to the north.
T2	Oak	B-	Mature	14m	75cm	Fair	Slightly scruffy in form which although upright and relatively vigorous, contains some evidence of dieback and conflict with adjacent T3. Again limb removal evident suggesting that management has taken place. Again slight canopy bias towards the south with overhang in the field of approximately 8m to the south and approximately 7m to the north.
T3	Oak	B	Mature	14m	90cm	Fair	A large tree within the group split to form two main leaders at approximately 4m. Slightly thinner canopy evident with some dead material in lower branches, evidence of pruning wounds and removal of a major limb and also a weeping pruning wound at approximately 6m, which may be associated with bat occupancy. Some minor dead wood removal may be required over time otherwise fine. Tree extends into the field to the north and south by approximately 6½ to 7m.
T4	Oak	B-	Mature	12m	70cm	Fair/ Good	Probably the weakest tree in this hedgerow group, with a rounded canopy and a significant number of crossing laterals, die back and a major dead limb within the lower canopy. Again some signs of management and limb removal over time; however, with some removal of dead wood material and ongoing management this tree could be retained within any development proposal. Tree has a spread to the north and south of approximately 6m.

T5	Oak	B	Mature	14m	75cm	Fair/ Good	Upright tree with rounded canopy, with slight bias towards the southeast. Tree appears relatively vigorous with some dead wood material in lower canopy and evidence of management and limb removal over the past. Some dead wood material required, otherwise fine. Canopy extends to the north and south by approximately 6m.
T6	Oak	B	Mature	13m	80cm	Fair/ Good	More isolated specimen with good vigorous rounded canopy, however contains a number of crossing laterals and some dead wood material. Some management required, otherwise fine. Canopy has slight bias towards the south, extending by approximately 6½m, and approximately 6m to the north.
G1	Oak, emergent Elm some Elder with a central under storey area dominated by Hawthorn and Blackthorn.	C+	Sapling - Young Mature	2 - 4m	n/a	Fair/ Good	The hedgerow beneath the line of six mature oak trees consists largely of emerging blackthorn and hawthorn with some older hawthorn and elder species also present. This should be retained and managed where appropriate.
T7	Oak	D	Mature	12m	80cm	Poor	This is a stag headed dying oak tree at the centre of the hedgerow group. Significant dead wood present, bark loss and evidence of decay all suggest that this tree has a limited life expectancy although maybe important as an ecological resource. Some dead elm also surrounds the tree, which was probably once more significant within the under-storey belt.
G2	Oak, emergent Elm some Elder with a central under storey area dominated by brambles.	C+	Sapling - Young Mature	2 - 4m	n/a	Fair/ Good	This hedgerow also consists largely of emerging blackthorn and hawthorn with some older hawthorn and elder species also present. This should be retained and managed where appropriate.

T8	Oak	C+	Young	6m	28cm	Fair/ Good	One of two smaller hedgerow trees planted in close proximity, with partly bunched rounded canopies. Some evidence of decay and dead wood material in lower canopy and lateral union; however, with some arboricultural work could be retained as part of hedgerow group.
T9	Oak	C+	Young	6m	28cm	Fair/ Good	One of two smaller hedgerow trees planted in close proximity, with partly bunched rounded canopies. Some evidence of decay and dead wood material in lower canopy and lateral union, however with some arboricultural work could be retained as part of hedgerow group.
T10	Oak	C-	Young	4½m	6cm	Fair/ Good	An upright newly planted tree with recently cut tie and stake. Tree has slight bias towards the west, and forms part of a linear belt of six planted trees, of only which two survive. The tree has limited amenity value on its own, could possible translocate it.
T11	Field Maple	C-	Young	4m	4cm	Fair	An upright tree planted as part of linear group with recently cut stake and ties. Again tree appears vigorous with relatively good form; however, has little meanatory value in isolation.
T12	Oak	A-	Mature	15m	98cm	Fair/ Good	A large upright oak tree with vigorous rounded canopy, some evidence of dead wood material in lower canopy and evidence of pruning wounds, otherwise fine. Some dead wood material to be removed and ongoing management for this fine tree. Tree canopy has slight bias towards the south extending into the field by approximately 8m, whilst extending to the north by approximately 6½m.
T13	Oak	B-	Mature	12m	70cm	Fair	Slightly smaller hedgerow tree with good rounded canopy, although significant number of crossing laterals and some signs of die back in the lower canopy. With some minor work tree should have good safe life expectancy. Extends into field to the north and south by approximately 5m.

T14	Oak	B+	Mature	14m	85cm	Fair/ Good	An upright oak tree with good rounded canopy and good vigour. Some evidence of die back and branch loss in the lower canopy, which may present further decay at the main lateral union. Some minor work maybe required however this tree should be retained if possible. Relatively equal canopy spread reaching approximately 7½m on all sides.
G3	Hedgerow Group. Species include Elder, Hawthorn some Blackthorn some emerging dieing Elm and some young Oak	B-	Sapling - Young Mature	2 - 4½m	n/a	Fair/ Good	This is quite a dense vigorous hedgerow belt with a significant proportion of emergent thorn species. Some thinning maybe required and an introduction of a wider range of species, otherwise should be retained to provide strong landscape framework.
T15	Ash	C-	Mature	13½m	75cm	Poor	An upright Ash tree as part of hedgerow group formed by three principle leaders. Tree has strong bias towards the south east, with significant decay evident in two of the lower laterals and significant die back within the mid and lower canopies. Tree may respond to some arboricultural work and may have some ecological potential for its retention. Tree extends approximately 6½m to the south and 5½m to the north.
G4	Species include emergent dieing Elm, Elder, Hawthorn, Blackthorn some Field Maple and an under storey of dense brambles	C	Sapling - Young Mature	2 – 6m	n/a	Fair/ Good	Another relatively strong hedgerow belt with a slightly more diverse mix of species, although contains a significant proportion of dead or dieing Elm. Again its retention would create strong landscape framework.
G5	Species include Elder, Hawthorn,	C-	Sapling - Young Mature	2 – 6m	n/a	Fair/ Poor	Slightly weaker hedgerow group in comparison to G4, although same diversity of species including the dead and dieing Elm. Would require management and thickening if retained.

	Blackthorn, Field Maple some dead and die Elm						
T16	Ash	C	Young Mature	9½m	Multi stem ranging from 12cm upto 22cm	Fair/ Good	An upright Ash tree formed from five to six main leaders. Shows some evidence of dieback and dead wood material in basal area, otherwise fine. Has an overall spread of approximately 6m. May require some attention and thinning of some of the ground Elm brambles to ensure safe life expectancy and to inspect the basal area in more detail.
T17	Hawthorn	C-	Young Mature	6½m	Multi stem	Fair/ Good	A tall upright Hawthorn and bramble mass located at the boundary of the site of the bottom of the railway embankment. Some dead wood material evident and requires some thinning recommended if retained.
	Species include Hawthorn, Blackthorn, Elder and Bramble under stories with larger tree specimens including Ash and Oak, some Field Maple also present.	A	Sapling - Mature	3m – 17m	Multi Stem upto 80cm	Fair/ Good	A strong hedgerow belt which is planted either side of a central 'green lane'. The principal mature species consist of Oak and Ash with the larger Oak trees with round high canopies clearly defining the belt at regular intervals. Some die back evident and some signs of management, otherwise belt should be retained, managed and protected as part of any development response. The larger trees extend approximately 8½m into the adjoining fields both north and south of the hedgerow belt.
G7	Species including Elm, Ash some Willow, Hawthorn and Blackthorn and emergent dead and dieing Elm.	C-	Young - Young Mature	2- 6½m	Multi Stem Upto 20cm	Fair/ Good	Slightly weaker internal hedgerow belt containing few mature trees (only two significant Ash trees) and dominated by dead Elm. Total width approximately 6 – 7m. Also significant brambles running adjacent to hedgerow belt.

T18	Ash	C-	Young Mature	7m	22cm	Fair/ Poor	Weak specimen with slight bias towards northeast, significant die back in mid and lower canopy and some open canker wounds visible. Suggest removal to favour surround vegetation.
T19	Ash	A-	Mature	16m	78cm	Fair/ Good	A large upright Ash tree formed by one main central leader with vigorous rounded canopy, which has slight bias towards the south. Several large canker wounds and some minor die back in mid canopy, otherwise fine. Tree extends approximately 7m either side into field.
T20	Ash	C+	Mature	18m	65cm	Fair	Tall upright tree formed by two main leaders breaking at 7m. Very linear form with relatively weak canopy and evidence of dieback in mid and lower canopy. Could be retained with some minor arboricultural work.
G8	Species include dead and dieing Elm, Blackthorn, Hawthorn with under storey of brambles.	C	Young - Sapling	2 - 5½m	n/a	Fair	Typical hedgerow for this part of site, relatively dense (approximately 7m in width), with also dead Elm present and adjacent brambles.
G9	Species include dead and dieing Elm, Blackthorn, Hawthorn with under storey of brambles.	C-	Young - Sapling	2 - 5½m	n/a	Fair	Typical hedgerow of this part of site, relatively dense (approximately 7m in width), with also dead Elm present and adjacent brambles. Contains significantly more dead Elm.
G10	Species include Hawthorn some Blackthorn some small Willow associated with the central ditch	C	Young	2 – 6m	n/a	Fair	Hedgerow associated with ditch approximately 5m in width, contains more individual clumpy species of Hawthorn with no evidence of dead or dieing Elm, unlike surrounding hedgerows.
T21	Oak	B-	Young	9m	45cm	Fair/ Good	A young hedgerow tree upright with neat rounded canopy. Appears relatively vigorous with some dead wood material and dieback in lower canopy, otherwise fine. Total canopy spread approximately 13m.

T22	Oak	B+	Mature	16m	58cm	Fair/ Good	A larger upright hedgerow tree (one of only two in this belt), with well-formed vigorous canopy. Some minor die back in lower canopy, otherwise appears fine. Approximate canopy diameter 15m.
G11	Species include Hawthorn some Blackthorn some limited Field Maple, Ash, Elder, dead and dieing Elm with an under storey of brambles, with planting becoming weaker towards the west	C	Young	2 - 5½m	n/a	Fair	Again similar in form to surrounding hedgerows, although becomes progressively weaker towards the west with increasing amounts of bramble and dead Elm present. To the east slightly denser with three of four slightly more mature specimen trees including Ash and Oak.
T23	Oak	C+	Young - Mature Mature	8½m	60cm	Fair	Moderately sized tree amongst the G11 hedgerow. Rounded yet scruffy canopy formed by contaughted leaders. Appears relatively vigorous with some minor die back. Slight northerly bias within canopy extending approximately 7m to the north and 5m to the south.
T24	Ash	C-	Young Mature	6½m	40cm	Fair/ Poor	A scruffy hedgerow tree which is ivy clad to 5m, contains significant dead wood and looks like has lost a main leader at some stage. Canopy does appear vigorous and may respond well to pruning. Total canopy spread approximately 7m.
T25	Oak	A-	Mature	16m	98cm	Fair	Part of the most dominant group of mature trees on the site, this end tree has good rounded form with slight bias towards the east due to conflict with adjacent T26. Some die back in mid and lower canopy evident and also significant fruiting fungal bodies in the basal area. Evidence of the fungal growth and die back suggests the tree is in recession and work maybe required to ensure its safe life expectancy and inclusion within any developed scheme. Total

							canopy width is approximately 11m.
T26	Oak	A	Mature	17m	1.15m	Fair/ Good	Fine specimen with good rounded canopy and large sprawling branches. Some die back evident and dead wood material in mid and lower canopy including the fracture of one main leader. Some minor work to remove dead wood material but otherwise probably the finest tree upon the site. Canopy spread in excess of 15m.
T27	Oak	C+	Mature	9m	60cm	Fair	Tree has slight bias to the west and canopy is compromised by adjacent T26. Some stag heading and die back evident, may respond well to pruning.
T28	Oak	B-	Mature	8m	55cm	Fair/ Good	Upright small tree with rounded canopy and relatively good form. Again some minor die back in the mid and lower canopy which may require removal to make safe, otherwise fine.
T29	Oak	B+	Mature	16m	75cm	Fair	Again another large Oak tree with rounded canopy although slight bias towards the southwest. More significant die back and dead laterals within the mid and lower canopy, may respond well to active pruning and removal of dead wood material. Southern extent of canopy extends approximately 8m, northern extends approximately 7m.
T30	Oak	C+	Mature	8m	50cm	Fair	Smaller upright tree with rounded canopy, although significant die back and dead wood material in lower canopy, a major limb loss wound at approximately 4m exposing to decay. Some minor arboricultural work required to remove dead wood, otherwise fine. Canopy spread exceeds 10m.
T31	Willow	B+	Mature	14m	Multi Stem	Fair/ Good	A large sprawling willow tree within this wet ditch appears vigorous formed by strong central leaders (dbh probably in excess of 120cm). Some dead wood around base, otherwise fine. Total canopy spread in excess of 14m.
T32	Ash	C-	Young	7m	28cm	Fair	Rather shrubby single species at the end of this tree belt, canopy bias slightly to the west with moderate die back and dead wood material in the lower canopy. May respond to pruning, otherwise fine.
G12	Species include Hawthorn some Blackthorn some limited	C	Young	2 - 5½m	n/a	Fair	Again similar hedgerow to surrounding types, although becomes progressively weaker towards the west with increasing amounts of bramble and dead Elm present. To the east slightly denser with three of four slightly more mature specimen trees including Ash



	Field Maple, Ash, Elder, dead and dieing Elm with an under storey of brambles, with planting becoming weaker towards the west						and Oak. Fewer dead Elm and hedgerow generally gets weaker to the west.
G13	Elder, Hawthorn, Blackthorn with some bramble under storey	C	Sapling Young	2 – 4m		Fair	A fragmented hedgerow section that does not extend the full length of the tree belt that grows in association with a wet ditch.
T33	Ash	B-	Mature	16m	88cm	Fair	Large upright Ash tree adjacent to the river, sprawling canopy with significant dead wood within the middle and lower sections, and evidence of decay of main trunk. May require further arboricultural investigation to determine safe life expectancy. Canopy spread exceeds 15m.
T34	Willow	B	Mature	13m	70cm	Fair	Sprawling riverside Willow tree with some dead wood material in lower canopy. Tree also ivy clad to approximately 4m. Slight bias towards the east, otherwise fine.
T35	Willow	B	Mature	9m	75cm	Fair/ Good	Another pollarded riverside Willow with sprawling healthy vigorous canopy. Again some minor dead wood in lower canopy and ivy clad to approximately 4m, otherwise fine.
T36	Willow	B+	Mature	15m	75cm	Fair/ Good	Larger upright Willow tree formed by three to four principle leaders. Appears vigorous with strong growth for this time of year, some minor dead wood material present and evidence of a loss of another significant tree in its close proximity, maybe from the same basal union. This may represent future weakness in terms of fungal attack. Total spread of canopy exceeds 12m.
G14	Willow and Hawthorn	C	Young	4 – 6m	10 – 12cm	Fair/ Good	Group of small riverside trees, of moderate quality.

T37	Ash	C-	Young	7m	28cm	Fair	Rather scrubby single species at the end of this tree belt, canopy bias slightly to the west with moderate die back and dead wood material in the lower canopy. May respond to pruning, otherwise fine.
T38	Oak	C+	Mature	8m	50cm	Fair	Smaller upright tree with rounded canopy, although significant die back and dead wood material in lower canopy, a major limb loss wound at approximately 4m exposing to decay. Some minor arboricultural work required to remove dead wood, otherwise fine. Canopy spread exceeds 10m.
T39	Willow	B	Mature	13m	70cm	Fair/ Good	Sprawling riverside Willow tree with some dead wood material in lower canopy. Tree also ivy clad to approximately 4m. Some dead wood, otherwise fine and slight bias towards the east.
T40		C	Young Mature	9m	Multi Stem	Fair	Waterside tree with strong bias towards the northeast and ivy clad to approximately 6m. Some dead wood also present.
T41	Willow	B-	Mature	7m	Multi Stem (80cm +)	Fair	Another riverside pollarded Willow with sprawling vigorous canopy and ivy clad. Some evidence of dead wood in lower canopy.
G15	Elder, Hawthorn, Blackthorn with some bramble under storey	C	Sapling Young	2 – 4m	n/a	Fair	A fragmented hedgerow section that does not extend the full length of the tree belt, and grows in association with a wet ditch.
T42	Willow	B-	Mature	7m	Multi Stem (80cm +)	Fair	Another riverside pollarded Willow with sprawling vigorous canopy and ivy clad. Some evidence of dead wood in lower canopy.
T43	Field Maple	C+	Young	6m	Multi Stem	Fair/ Good	Young tree with relatively vigorous rounded canopy, although slightly suppressed by surrounding trees. Some dead wood in lower canopy, otherwise fine.
T44	Ash	C-	Young	6m	Multi Stem	Good	Upright tree within area of dense waterside vegetation. Moderate form with some evidence of dieback and dead wood in lower canopy. Some active management required improving overall condition.

G16	Willow (x4)	B	Mature	7m	75 - 80cm	Fair	4 large pollarded trees adjacent to the river corridor, with sprawling canopies. Some evidence of decay at pollard unions and crossing laterals, otherwise good amenity presence.
G17	Species including Elm, Ash some Willow, Hawthorn and Blackthorn.	C-	Young - Young Mature	2- 6½m	Multi Stem Upto 20cm	Fair/ Good	Internal hedgerow belt containing few mature trees (only one significant Willow tree). Total width approximately 6 – 7m. Also significant brambles running adjacent to hedgerow belt.
T45	Ash	C-	Young Mature	10m	25cm	Fair	Young tree suppressed by adjacent vegetation, showing signs of dieback in the lower canopy. Active management recommended to improve form and condition.
T46	Willow	C-	Young Mature	12m	Multi Stem	Fair/ Poor	Poor vigour associated with competition for space and light. Evidence of some deadwood in mid and lower canopy.
T47	Willow	C+	Young Mature	11m	Multi Stem	Fair	Better vigour and more rounded form than adjacent T46.
T48	Willow	C-	Young Mature	13m	Multi Stem	Fair/ Poor	Poor vigour associated with competition for space and light. Evidence of some deadwood in mid and lower canopy and fallen laterals beneath the canopy.
G18	Species including Elm, Ash some Willow, Hawthorn and Blackthorn.	C+	Young Mature	3 - 6m	n/a	Fair/ Good	Typical hedgerow of the site, relatively low and dense with some dead Elm present and adjacent brambles.