



ARBORICULTURAL IMPACT ASSESSMENT

NORMANDY WAY (PHASE 2)

HINCKLEY

ON BEHALF OF

RICHBOROUGH ESTATES

REFERENCE: ZTL_117a

FEBRUARY 2024

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Report Data	
Report Title	Arboricultural Impact Assessment
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Client	Richborough Estates
Development Site	Normandy Way (Phase 2), Hinckley
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1.0. Background & Instruction

- 1.1 This report has been prepared by Sam Hobson *MICFor (Chartered Arboriculturist), BSc (Hons). MArborA*. Sam is a Professional member of the Institute of Chartered Foresters (Chartered Arboriculturist) and a Professional Member of the Arboricultural Association (AA) and is therefore required to uphold the professional and ethical standards within the ICF and AA Codes of Conduct. Sam holds the LANTRA certificate in Professional Tree Inspection.
- 1.2 This Arboricultural Impact Assessment (AIA) has been prepared on behalf of Richborough Estates, in support of an Outline Planning Application at Normandy Way (Phase 2), Hinckley (hereafter referred to as the 'site').
- 1.3 The Proposed Development relates to an outline planning application with all matters reserved except for access, for the erection of up to 415 dwellings, associated open space, drainage, landscaping and infrastructure.
- 1.4 The planning application is to be submitted to Hinckley & Bosworth Borough Council (HBBC).

Purpose

- 1.5 The tree survey and AIA has been carried out in accordance with the recommendations outlined within British Standard BS5837:2012 'Trees in relation to design, demolition and construction – Recommendations'.
- 1.6 This AIA report includes:
 - A baseline survey data of existing trees, including a Tree Schedule and Tree Constraints Plan (TCP).
 - An Arboricultural Impact Assessment which evaluates the direct and indirect impacts of the Proposed Development upon the existing trees.
 - Where necessary, provides details of mitigation and tree protection.

2.0. Planning Policy & Legislation

National Planning Policy Framework (NPPF)

The following paragraphs within the NPPF set out policies which guide the planning policy and decision-making process of Local Planning Authorities in relation to trees. These are:

Paragraph 136

Trees make an important contribution to the character and quality of urban environments and can also help mitigate and adapt to climate change. Planning policies and decisions should ensure that new streets are tree-lined, that opportunities are taken to incorporate trees elsewhere in developments (such as parks and community orchards), that appropriate measures are in place to secure the long-term maintenance of newly-planted trees, and that existing trees are retained wherever possible. Applicants and local planning authorities should work with highways officers and tree officers to ensure that the right trees are planted in the right places, and solutions are found that are compatible with highways standards and the needs of different users.

Paragraph 180 (b & d)

Planning policies and decisions should contribute to and enhance the natural and local environment by:

- b) Recognising the intrinsic character and beauty of the countryside, and the wider benefits from natural capital and ecosystem services – including the economic and other benefits of the best and most versatile agricultural land, and of trees and woodland;
- d) minimising impacts on and providing net gains for biodiversity, including by establishing coherent ecological networks that are more resilient to current and future pressures;

Paragraph 186

When determining planning applications, Local Planning Authority's (LPA) should apply the following principles:

- a) If significant harm to biodiversity resulting from a development cannot be avoided (through locating on an alternate site with less harmful impacts), adequately mitigated, or, as a last resort, compensated for, then planning permission should be refused;
- b) development on land within or outside a Site of Special Scientific Interest, and which is likely to have an adverse effect on it (either individually or in combination with other developments), should not normally be permitted. The only exception is where the benefits of the development in the location proposed clearly outweigh both its likely impact on the features of the site that make it of special scientific interest, and any broader impacts on the national network of Sites of Special Scientific Interest;
- c) Development resulting in the loss or deterioration of irreplaceable habitats (such as ancient woodland and ancient or veteran trees) should be refused unless there are wholly exceptional reasons and a suitable compensation strategy exists.

- d) Development whose primary objective is to conserve or enhance biodiversity should be supported; while opportunities to improve biodiversity in and around developments should be integrated as part of their design, especially where this can secure measurable net gains for biodiversity or enhance public access to nature where this is appropriate.

Local Planning Policy

- 2.1 This AIA has considered the relevant Local Planning Policy, which includes:

- **Hinckley & Bosworth Borough Council Local Plan 2006 - 2026**

Tree Preservation Orders and Conservation Areas

- 2.2 Based on a check using the online map provided by HBBC, no trees on or adjacent to the Site are the subject of a Tree Preservation Order.
- 2.3 The site is not within a Conservation Area.

Protected Wildlife and Trees

Bats

- 2.4 All species of British bat are listed as European Protected Species (EPS) on Schedule 2 of the Conservation Regulations (Annex IV (a) to the Habitats Directive). This affords bats protection under The Conservation of Habitats and Species (Amendment) (EU Exit) Regulations 2019. Prior to undertaking any tree works or tree removal further advice should be sought from a suitably qualified ecologist.

Nesting Birds

- 2.5 The main bird nesting season is between March and August inclusive. Current legislation relating to breeding birds, under *the Wildlife and Countryside Act 1981* (as amended) and the *Countryside and Rights of Way Act 2000*, confirms that birds, as well as their nests and eggs are protected. Prior to undertaking any tree works or tree removal further advice should be sought from a suitably qualified ecologist.

Felling Licence

- 2.6 Tree felling is also restricted under the Forestry Act 1967. Under this act, there is an exemption from the need for a felling licence for “Felling trees immediately required for the purpose of carrying out development authorised by planning permission (granted under the Town and Country Planning Act 1990) ...”
- 2.7 If full planning permission is granted, then any trees which require felling to implement the approved plans are exempt from this statutory protection. Outline planning permission does not provide an exemption to the regulations that control tree felling in the Forestry Act 1967.

3.0. Arboricultural Assessment

Method of data collection

- 3.1 The tree survey was undertaken on 18th and 19th November 2021. This was verified and updated by a further site visit in August 2023.
- 3.2 The trees on the Site were surveyed in accordance with the requirements of BS5837:2012. The survey recorded trees either as individual specimens or as groups, where these trees were aerodynamically, culturally or visually important as groups. The tree numbers associated with each tree are cross-referenced within the Tree Schedule and Plans at Appendix 1 and 2 respectively.

Summary of data

Trees

- 3.3 The survey recorded 101no. individual trees, comprising of 46no. category B, 52no. category C and 3no. category U retention value.

Groups

- 3.4 The survey recorded 8no. groups of trees, comprising of 5no. category B and 3no. category C retention value.

Hedgerows

- 3.5 53no. hedgerows were also recorded, comprising of 1no. category B and 52no. category C retention value.
- 3.6 Full details for all trees, groups and hedgerows can be found in the BS5837:2012 Tree Schedule at Appendix 1.
- 3.7 It should be noted that Table 1 of BS5837:2012 only gives recommendations in relation to remaining years. A tree may be considered to have a longer remaining life, however, may still be considered to be of a lower category given its maturity, condition or overall impact to the application site.
- 3.8 The location of the trees and their associated constraints including canopy spreads and root protection areas are illustrated on the Tree Constraints Plan at Appendix 2. The Arboricultural Impact Plan at Appendix 2 illustrates the impact of the proposed development.

4.0. Impact Appraisal

- 4.1 The impact of the proposed development upon existing trees, groups and hedges is illustrated on the Arboricultural Impact Plan at Appendix 2.
- 4.2 The design has sought to incorporate the existing trees and minimise the requirement for tree removal. However, having regard to the Parameter Plan there is conflict between the proposed development and existing trees which is considered unavoidable.
- 4.3 For the purposes of this AIA the feasibility plan has been used to inform requirements for tree removal. During the design stages, there may be opportunities to explore amendments to the layout to retain additional trees where possible.
- 4.4 Table 1 details the removals and part-removals required to implement the Proposed Development.

Table 1 – Tree Removal / part-removal for Proposed Development

	Retention Category				Total
	A	B	C	U	
Trees / Groups / Hedgerows to be removed for Proposed Development	-	T37, T100	H54, H101, H131 G55 T57, T100, T102, T104, T127, T128, T129, T130	-	14
Part-removal of groups / hedgerows for Proposed Development	-	-	H35, H46, H50, H53, H56, H69, H72, H81, H103, H126, H133	-	11 (part-removal)
Total	0	2	12 + 11 part-removal	0	14 + 11 part-removal

- 4.5 None of the trees proposed for removal are considered aged or veteran and therefore the principles for refusal within the NPPF would not be considered applicable.
- 4.6 It is acknowledged that detailed design including landscaping will be submitted as part of future Reserved Matters planning applications, at which point consideration should be given to the practical requirements of construction and where possible, solutions such as above-ground construction can be implemented to reduce the impact upon retained trees. These special measures will be implemented wherever feasible.

Mitigation

- 4.7 As landscaping is a reserved matter within this outline application, the detailed planting scheme is to be agreed through subsequent applications.
- 4.8 Detailed proposals will include a comprehensive landscaping scheme which should include sufficient new tree planting across the site to include a variety of native and ornamental trees which are suited to the context. This should include large species that are capable of providing long-term tree cover across the site.
- 4.9 The resulting additional species will also provide much needed diversity among tree species for futureproofing against pests, diseases and the effects of climate change.

Root Protection Areas (RPAs)

- 4.10 The RPA is an area equivalent to a circle with a radius 12 times the diameter of the trees measured at 1.5 metres for single stemmed trees. For trees with more than one stem, one of two calculation methods should be used. In all cases, the stem diameter(s) should be measured in accordance with Annex C, and the RPA should be guided from Annex D of BS5837:2012.
- 4.11 The RPA is an area in which no ground works should be undertaken without due care in relation to the retained tree(s) and this is to avoid soil compaction, changes in levels or soil contamination which could alter the trees condition and/or stability. The shape of the RPA and its exact location will depend upon arboricultural considerations and ground conditions.
- 4.12 The RPA for the trees has been calculated as prescribed by BS5837:2012 and are shown as circles for polygons on the Tree Constraints Plan at Appendix 2. These plans illustrate the relationship between the RPAs associated with the trees and the proposed development.
- 4.13 In addition to the illustration of RPAs on the plans at Appendix 2, the numerical RPA values are provided within the Tree Schedule at Appendix 1. Within the schedule both RPA radius in metres from the main stem and total area for the RPA as square metres.

New RPA Incursions

- 4.14 The parameter plan shows a number of potential new RPA incursions, mainly resulting from proposed roads and driveways.
- 4.15 At the detailed design stage, the default position should be that roads and structures are located outside RPAs.
- 4.16 An updated AIA and Arboricultural Method Statement (AMS) will be required with future Reserved Matters planning applications to take account of any new RPA incursions and consider details of construction methods and set out detailed tree protection measures.

Future growth

- 4.17 Due to the location of retained trees, future growth of trees is not considered to be an issue to the Proposed Development.
- 4.18 Minor pruning of lateral branches will address any issues where the canopy of trees encroaches towards the proposed buildings.

5.0. Tree Protection

- 5.1 Full details of tree protection measures including construction methods, schedule of arboricultural supervision and specific forms of tree protection should be provided within a detailed Arboricultural Method Statement following planning approval at the detailed planning stage.
- 5.2 To ensure all tree protection measures are implemented, arboricultural supervision should be undertaken by an appointed Project Arboriculturist (PA). The PA will be a suitably qualified arboriculturist appointed by the client / contractor / other party responsible for implementation of tree protection measures.

Tree Protection Fencing

- 5.3 The principal protection for the retained trees is provided by Tree Protection Fencing (TPF) positioned to form a Construction Exclusion Zone (CEZ) around retained trees. No access should be allowed to the other than for operations specified in the approved documents or those agreed with the LPA later.
- 5.4 The CEZ must be in place prior to the commencement of construction work on site. The TPF must not be moved or relocated without approval from the Project Arboriculturist and, where necessary, approval from the Local Planning Authority.
- 5.5 The TPF specification should be fit for the purpose of excluding construction activity and appropriate to the degree and proximity of work taking place around the retained trees.
- 5.6 The most common specification as illustrated in BS5836:2012 Figure 3b comprises welded mesh panels (Heras Fencing) on rubber or concrete feet, the panels should be joined together using a minimum of two anti-tamper couplers, installed so that they can only be removed from within the fence. The distance between fence couplers should be at least 1m and should be uniform throughout the fence. The panels should be supported on the inner side by stabilizer struts, which should normally be attached to a base plate secured with ground pins. Where the fencing is to be erected on retained hard surfacing or it is otherwise unfeasible to use ground pins, e.g. due to the presence of underground services, the stabilizer struts should be mounted on a block tray.
- 5.7 Weatherproof signage will be attached to the fencing with words such as 'Construction Exclusion Zone – No Access'.

6.0. References

- 6.1 British Standard 5837:2012 'Trees in Relation to Design, Demolition and Construction - Recommendation'
- 6.2 British Standard 3998:2010 'Tree work – Recommendations'
- 6.3 BS8545:2014 Trees: from nursery to independence in the landscape – Recommendations
- 6.4 National Planning Policy Framework (NPPF) 2023
- 6.5 The Forestry Act 1967
- 6.6 The Town and Country Planning Act 1990
- 6.7 The Town and Country Planning (Tree Preservation) (England) Regulations 2012.

7.0. Caveats and Limitations

- 7.1 The report is for the sole use of the client and its reproduction or use by anyone else is forbidden unless written consent is given by the author.
- 7.2 This is an arboricultural report and as such no reliance should be given to comments relating to buildings, engineering, soils ecological or archaeological data. If either is commented upon within the report further professional advice should be sought.
- 7.3 This is not a Tree Risk Assessment. As such this report should not be taken to mean or imply that any of the inspected trees should be considered safe. A Tree Risk Assessment can be provided but would be subject to additional survey requirement and further fees.
- 7.4 Trees are growing dynamic structures. Whilst reasonable effort has been made to identify defects within the trees inspected, no guarantee can be given as to the absolute safety or otherwise of any individual tree. No tree is ever absolutely safe due to the unpredictable laws and forces of nature. As a result of this, natural failure of intact trees will occur; extreme climatic conditions can cause damage to even apparently healthy trees.
- 7.5 For the purposes of this survey all dimensions of trees and their associated parts are based on estimation unless otherwise stated.
- 7.6 Trees are living organisms whose health, condition and structure can change quickly and without warning. Therefore, the contents of this report are valid for a period of one year from the date of this survey.

Appendix 1

Tree Survey Schedule

Sequential Reference No.	Species	Height (m)	Stem Diameter (mm)	Branch Spread (m)				Canopy Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments / Notes	Management Recommendations (Priority)	Estimated Remaining Contribution (Years)	Category Grading	Root Protection Radius (m)
				North	East	South	West									
H1	Blackthorn (Prunus spinosa) Common ash (Fraxinus excelsior) Common hawthorn (Crataegus monogyna)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H2	Blackthorn (Prunus spinosa) Common ash (Fraxinus excelsior) Common hawthorn (Crataegus monogyna)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H3	Blackthorn (Prunus spinosa) Common ash (Fraxinus excelsior) Common hawthorn (Crataegus monogyna) Field maple (Acer campestre)	7	# 150	1	1	1	1	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	1.8
H4	Blackthorn (Prunus spinosa) Common ash (Fraxinus excelsior) Common hawthorn (Crataegus monogyna)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T5	Common hawthorn (Crataegus monogyna)	5	# 100	2	2	2	2	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.68
T6	Common alder (Alnus glutinosa)	5	# 130	2	2	2	2	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	1.56
T7	Hornbeam (Carpinus betulus)	5	# 130	2	2	2	2	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	3.49
T8	Common lime (Tilia x europaea)	5	# 150	2	2	2	2	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	1.8
T9	English oak (Quercus robur)	5	# 150	2	2	2	2	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	1.8
T10	Common lime (Tilia x europaea)	5	# 230	3	3	3	3	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.76
T11	Common lime (Tilia x europaea)	5	# 230	3	3	3	3	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.76
T12	Common ash (Fraxinus excelsior)	7	# 280 150	4	4	4	4	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	3.81
T13	Common ash (Fraxinus excelsior)	4	# 150	2	2	2	2	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	1.8
H14	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H15	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T16	English oak (Quercus robur)	11	# 600	5	5	5	5	N/A	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	7.2
T17	Common ash (Fraxinus excelsior)	8	# 600	3	3	3	3	N/A	Mature	Poor	Poor	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Major Condition considered typical of species and age	No Work Recommended	10+	C1	7.2
T18	Common ash (Fraxinus excelsior)	6	# 600	1	1	1	1	N/A	Dead	Dead	Dead	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Major Dead tree / trees	No Work Recommended	<10	U	7.2
H19	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H20	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
G21	Blackthorn (Prunus spinosa) Common ash (Fraxinus excelsior) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	9	# 200	2	2	2	2	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	20+	B1	2.4

Sequential Reference No.	Species	Height (m)	Stem Diameter (mm)	Branch Spread (m)				Canopy Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments / Notes	Management Recommendations (Priority)	Estimated Remaining Contribution (Years)	Category Grading	Root Protection Radius (m)
				North	East	South	West									
G22	Blackthorn (Prunus spinosa) Common ash (Fraxinus excelsior) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	8	# 250	3	3	3	3	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Condition considered typical of species and age	No Work Recommended	20+	B1	3
H23	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H24	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T25	Common ash (Fraxinus excelsior)	12	# 900	5	4	5	5	N/A	Mature	Poor	Poor	Access to inspect base - Restricted / obscured Ivy or climbing plant Decay - Major Decay - Open cavity / cavities Deadwood - Major Condition considered typical of species and age	No Work Recommended	10+	C1	10.8
H26	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T27	Wild cherry (Prunus avium)	11	# 350 350 250	5	5	5	5	N/A	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	6.65
T28	Common ash (Fraxinus excelsior)	14	# 900	6	6	6	6	N/A	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Bark wound - Mammal Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	10.8
T29	Silver maple (Acer saccharinum)	12	# 550	5	5	5	5	N/A	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	6.6
T30	Norway maple (Acer platanoides)	9	# 400	4	4	4	4	N/A	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	4.8
H31	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T32	Common ash (Fraxinus excelsior)	13	# 950	7	7	7	7	N/A	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	11.4
T33	Norway maple (Acer platanoides)	8	# 300	4	4	4	4	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	3.6
G34	Blackthorn (Prunus spinosa) Common ash (Fraxinus excelsior) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	10	# 300	3	3	3	3	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Condition considered typical of species and age over stream	No Work Recommended	20+	B1	3.6
H35	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T36	Willow sp. (Salix sp.)	6	# 10x100	4	4	4	4	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	3.79
T37	Common ash (Fraxinus excelsior)	13	# 800	6	6	6	6	N/A	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing Ash dieback, parasitic fungi fruiting body also associated with crown	Prune back over-extended lower branch on east side	10+	C1	9.6
H38	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H39	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T40	Common ash (Fraxinus excelsior)	13	# 500 550	5	5	5	5	N/A	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown	No Work Recommended	10+	C1	8.92
H41	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T42	English oak (Quercus robur)	7	# 300	3	3	3	3	N/A	Early Mature	Fair	Fair	Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	3.6
T43	English oak (Quercus robur)	12	# 750	7	7	7	7	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	9
T44	Common ash (Fraxinus excelsior)	14	# 1100	8	8	8	8	N/A	Mature	Poor	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	13.2

Sequential Reference No.	Species	Height (m)	Stem Diameter (mm)	Branch Spread (m)				Canopy Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments / Notes	Management Recommendations (Priority)	Estimated Remaining Contribution (Years)	Category Grading	Root Protection Radius (m)
				North	East	South	West									
T45	Common ash (Fraxinus excelsior)	11	# 700	5	5	5	5	3	Mature	Poor	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	8.4
T46	Common ash (Fraxinus excelsior)	12	# 800	5	5	5	5	3	Mature	Poor	Fair	Root environment - Compacted Deadwood - Major Condition considered typical of species and age	No Work Recommended	10+	C1	9.6
T47	Common ash (Fraxinus excelsior)	12	# 800	4	4	4	4	3	Mature	Poor	Poor	Root environment - Compacted Deadwood - Major	No Work Recommended	<10	U	9.6
H48	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H49	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H50	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T51	Common ash (Fraxinus excelsior)	13	# 950	6	6	6	6	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Major Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	11.4
T52	Lawson's cypress (Chamaecyparis lawsoniana)	16	# 700	5	5	5	5	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	8.4
H53	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H54	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
G55	Mixed Broadleaf Mixed Conifer Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Condition considered typical of species and age Mixed garden planting and regen	No Work Recommended	10+	C1	0.6
H56	Mixed Broadleaf Mixed Conifer Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T57	Horse chestnut (Aesculus hippocastanum)	8	# 550	4	4	4	4	3	Mature	Fair	Poor	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	6.6
T58	Common ash (Fraxinus excelsior)	11	# 650	5	5	5	5	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	7.8
T59	Field maple (Acer campestre)	8	# 550	4	4	4	4	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	6.6
T60	Common ash (Fraxinus excelsior)	13	# 900	6	6	6	6	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Major (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	10.8
T61	Common ash (Fraxinus excelsior)	10	# 500	4	4	4	4	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Major (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	6
H62	Mixed Broadleaf Mixed Conifer Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T63	Common ash (Fraxinus excelsior)	12	# 700	6	6	6	6	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	8.4
T64	Common ash (Fraxinus excelsior)	11	# 600	6	6	6	3	3	Mature	Poor	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	7.2

Sequential Reference No.	Species	Height (m)	Stem Diameter (mm)	Branch Spread (m)				Canopy Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments / Notes	Management Recommendations (Priority)	Estimated Remaining Contribution (Years)	Category Grading	Root Protection Radius (m)
				North	East	South	West									
T65	Common ash (Fraxinus excelsior)	10	# 750	4	4	4	4	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	9
G66	Common ash (Fraxinus excelsior)	8	# 150	3	3	3	3	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Condition considered typical of species and age	No Work Recommended	10+	C1	1.8
H67	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	3	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T68	Common ash (Fraxinus excelsior)	16	# 900	7	7	7	7	3	Mature	Poor	Poor	Access to inspect base - Restricted / obscured Fungal fruiting body - Parasitic Bark exudation Deadwood - Major Sparse Crown Decline - Evident / observed Innonotus on stem Remove if occupancy or target changes	Remove crown at 8m (Create snag for habitat retention) (1)	<10	U	10.8
H69	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T70	Common ash (Fraxinus excelsior)	17	# 950	8	8	8	8	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	Prune back over-extended lower branch on west side	10+	C1	11.4
G71	Blackthorn (Prunus spinosa) Common ash (Fraxinus excelsior) Common hawthorn (Crataegus monogyna) English oak (Quercus robur) Wych elm (Ulmus glabra) Lawson's cypress (Chamaecyparis lawsoniana)	8	# 200	2	2	2	2	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Condition considered typical of species and age (Advancing ash dieback within group)	No Work Recommended	20+	B1	2.4
H72	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T73	Common ash (Fraxinus excelsior)	9	# 300	3	3	3	3	3	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	3.6
T74	Common ash (Fraxinus excelsior)	17	# 900	6	6	6	6	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	20+	B1	10.8
G75	Common ash (Fraxinus excelsior) Sycamore (Acer pseudoplatanus) Wych elm (Ulmus glabra) Pine sp. (Pinus sp.)	7	# 150	2	2	2	2	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Condition considered typical of species and age	No Work Recommended	10+	C1	1.8
T76	Common lime (Tilia x europaea)	9	# 350	3	3	3	3	3	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	4.2
H77	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T78	Sycamore (Acer pseudoplatanus)	9	# 400	3	3	3	3	3	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	4.8
T79	Common ash (Fraxinus excelsior)	18	# 850	7	7	7	7	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	10.2
T80	Common ash (Fraxinus excelsior)	18	# 900	7	7	7	7	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	10.8
H81	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H82	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	5	# 90	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	1.08
H83	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H84	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6

Sequential Reference No.	Species	Height (m)	Stem Diameter (mm)	Branch Spread (m)				Canopy Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments / Notes	Management Recommendations (Priority)	Estimated Remaining Contribution (Years)	Category Grading	Root Protection Radius (m)
				North	East	South	West									
T85	Common ash (Fraxinus excelsior)	15	# 450 400	5	5	5	5	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	7.22
T86	Common ash (Fraxinus excelsior)	15	# 400	7	7	7	7	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Multiple stems from base Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	10.73
T87	Common ash (Fraxinus excelsior)	15	# 650	6	6	6	6	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	7.8
T88	Golden weeping willow (Salix x sepulcralis 'Chrysocoma')	13	# 900	7	7	7	7	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Off-site tree, all readings estimated Condition considered typical of species and age	No Work Recommended	20+	B1	10.8
H89	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	5	# 100	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	1.2
T90	Common ash (Fraxinus excelsior)	18	# 950	7	7	7	7	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Off-site tree, Advanced Ash dieback associated wit crown. Decay present associated with main stem at 0.5m, high risk due to busy area and size of the tree Hanging branch still present from last survey	Contact land manager and recommend felling , Monitor for futher decline	<10	U	11.4
T91	Common lime (Tilia x europaea)	18	# 900	7	7	7	7	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Off-site tree, all readings estimated Condition considered typical of species and age	No Work Recommended	20+	B1	10.8
H92	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra)	4	# 100	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	1.2
T93	Common hawthorn (Crataegus monogyna)	8	# 300 300	3	5	3	5	3	Mature	Fair	Fair	Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	5.09
T94	Common ash (Fraxinus excelsior)	19	# 950	7	7	7	7	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Off-site tree, all readings estimated Condition considered typical of species and age	No Work Recommended	20+	B1	11.4
T95	False acacia (Robinia pseudoacacia)	12	# 400	4	4	4	4	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Off-site tree, all readings estimated Condition considered typical of species and age, stunted growth and poor form due to presence of T94 canopy	No Work Recommended	10+	C1	4.8
T96	False acacia (Robinia pseudoacacia)	12	# 400	4	4	4	4	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Off-site tree, all readings estimated Condition considered typical of species and age, stunted growth and poor form due to presence of T94 canopy	No Work Recommended	10+	C1	4.8
T97	Norway spruce (Picea abies)	11	# 400	3	3	3	3	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Off-site tree, all readings estimated Condition considered typical of species and age	No Work Recommended	20+	B1	4.8
H98	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H99	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T100	Wych elm (Ulmus glabra)	8	# 350	3	3	3	3	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	4.2
H101	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T102	Black walnut (Juglans nigra)	8	# 300	3	3	3	3	3	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	3.6

Sequential Reference No.	Species	Height (m)	Stem Diameter (mm)	Branch Spread (m)				Canopy Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments / Notes	Management Recommendations (Priority)	Estimated Remaining Contribution (Years)	Category Grading	Root Protection Radius (m)
				North	East	South	West									
H103	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T104	Apple sp. (Malus sp.)	7	# 300	3	3	3	3	3	Mature	Fair	Fair	Access to inspect base - Not possible Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	3.6
T105	Thuja sp. (Thuja sp.)	9	# 400	3	3	3	3	3	Mature	Fair	Fair	Access to inspect base - Not possible Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	4.8
H106	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T107	Lawson's cypress (Chamaecyparis lawsoniana)	10	# 400	3	3	3	3	3	Mature	Fair	Fair	Access to inspect base - Not possible Deadwood - Minor Off-site tree, all readings estimated Condition considered typical of species and age	No Work Recommended	10+	C1	4.8
T108	Lawson's cypress (Chamaecyparis lawsoniana)	10	# 400	3	3	3	3	3	Mature	Fair	Fair	Access to inspect base - Not possible Deadwood - Minor Off-site tree, all readings estimated Condition considered typical of species and age	No Work Recommended	10+	C1	4.8
H109	Lawson's cypress (Chamaecyparis lawsoniana)	2	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H110	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H111	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	5	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H112	Blackthorn (Prunus spinosa) Common ash (Fraxinus excelsior) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	8	# 200	2	2	2	2	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T113	Common ash (Fraxinus excelsior)	15	# 700	7	7	7	7	3	Mature	Fair	Fair	Access to inspect base - Not possible Ivy or climbing plant Deadwood - Moderate (Dieback has advanced) Minor Ash dieback	No Work Recommended	10+	C1	8.4
T114	Common ash (Fraxinus excelsior)	18	# 1200	8	8	8	8	3	Over Mature	Poor	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes Fungal bracket 10m into crown south side	No Work Recommended	10+	C1	14.4
T115	Field maple (Acer campestre)	9	# 250	4	4	4	4	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	3
T116	Common ash (Fraxinus excelsior)	12	# 350	5	5	5	5	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	4.2
T117	Common ash (Fraxinus excelsior)	12	# 400	5	5	5	5	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	4.8
T118	Field maple (Acer campestre)	8	# 250	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	3
T119	Common ash (Fraxinus excelsior)	12	# 450	5	5	5	5	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	5.4
T120	English oak (Quercus robur)	15	# 650 400 400	7	7	7	7	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Multiple stems from base Deadwood - Minor Condition considered typical of species and age	No Work Recommended	20+	B1	10.34
T121	Common ash (Fraxinus excelsior)	15	# 400	5	5	5	5	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	4.8
T122	Common ash (Fraxinus excelsior)	15	# 500 350	5	5	5	5	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	7.32

Sequential Reference No.	Species	Height (m)	Stem Diameter (mm)	Branch Spread (m)				Canopy Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments / Notes	Management Recommendations (Priority)	Estimated Remaining Contribution (Years)	Category Grading	Root Protection Radius (m)
				North	East	South	West									
T123	Common ash (Fraxinus excelsior)	18	# 750 750	7	7	7	7	2	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Multiple stems from base Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	12.73
H124	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T125	Common ash (Fraxinus excelsior)	14	# 550	5	5	5	5	2	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Moderate (Dieback has advanced) Advancing ash dieback associated with crown, consider removal if target area changes	No Work Recommended	10+	C1	6.6
H126	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T127	Field maple (Acer campestre)	7	# 200	3	3	3	3	1	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T128	Common ash (Fraxinus excelsior)	7	# 200	4	4	4	4	1	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T129	Common ash (Fraxinus excelsior)	7	# 200	4	4	4	4	1	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Minor Ash dieback	No Work Recommended	10+	C1	2.4
T130	Field maple (Acer campestre)	7	# 200	3	3	3	3	1	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Minor Ash dieback	No Work Recommended	10+	C1	2.4
H131	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T132	Common ash (Fraxinus excelsior)	7	# 200	3	3	3	3	1	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Minor Ash dieback	No Work Recommended	10+	C1	2.4
H133	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T134	Common ash (Fraxinus excelsior)	15	# 650 500	7	7	7	7	2	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Multiple stems from base Deadwood - Minor Minor Ash dieback	No Work Recommended	20+	B1	9.84
T135	Common ash (Fraxinus excelsior)	15	# 700	6	6	6	6	2	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Minor Minor Ash dieback	No Work Recommended	20+	B1	8.4
T136	Willow sp. (Salix sp.)	15	# 7x400	8	8	8	8	2	Mature	Fair	Fair	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	12.7
H137	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T138	Common lime (Tilia x europaea)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T139	Common ash (Fraxinus excelsior)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Minor Ash dieback	No Work Recommended	10+	C1	2.4
T140	Field maple (Acer campestre)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T141	Field maple (Acer campestre)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T142	Common ash (Fraxinus excelsior)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Minor Ash dieback	No Work Recommended	10+	C1	2.4

Sequential Reference No.	Species	Height (m)	Stem Diameter (mm)	Branch Spread (m)				Canopy Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments / Notes	Management Recommendations (Priority)	Estimated Remaining Contribution (Years)	Category Grading	Root Protection Radius (m)
				North	East	South	West									
T143	Field maple (Acer campestre)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T144	Common ash (Fraxinus excelsior)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Minor Ash dieback	No Work Recommended	10+	C1	2.4
T145	Common ash (Fraxinus excelsior)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Minor Ash dieback	No Work Recommended	10+	C1	2.4
T146	Field maple (Acer campestre)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T147	Common ash (Fraxinus excelsior)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Minor Ash dieback	No Work Recommended	10+	C1	2.4
T148	English oak (Quercus robur)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T149	Field maple (Acer campestre)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T150	Field maple (Acer campestre)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T151	Common ash (Fraxinus excelsior)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T152	English oak (Quercus robur)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
T153	Field maple (Acer campestre)	6	# 200	3	3	3	3	2	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	2.4
H154	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
G155	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	6	# 150	1	1	1	1	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Condition considered typical of species and age	No Work Recommended	20+	B1	1.8
H156	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T157	Common ash (Fraxinus excelsior)	12	# 700	5	5	5	5	2	Mature	Fair	Poor	Access to inspect base - Restricted / obscured Deadwood - Minor Condition considered typical of species and age	No Work Recommended	10+	C1	8.4
H158	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
H159	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6
T160	Common ash (Fraxinus excelsior)	15	# 800	7	7	7	7	2	Mature	Fair	Poor	Access to inspect base - Restricted / obscured Ivy or climbing plant Deadwood - Minor Off-site tree, all readings estimated Condition considered typical of species and age	No Work Recommended	20+	B1	9.6
H161	Blackthorn (Prunus spinosa) Common ash (Fraxinus excelsior) Common hawthorn (Crataegus monogyna) English oak (Quercus robur) Field maple (Acer campestre) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	8	# 200	2	2	2	2	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Condition considered typical of species and age	No Work Recommended	20+	B1	2.4
H162	Blackthorn (Prunus spinosa) Common hawthorn (Crataegus monogyna) Wych elm (Ulmus glabra) Common holly (Ilex aquifolium)	1	# 50	N/A	N/A	N/A	N/A	N/A	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured Hedgerow - Maintained Condition considered typical of species and age	No Work Recommended	10+	C1	0.6

Appendix 2

Tree Constraints Plan

Arboricultural Impact Plan

Richborough Estates Limited

ZTL 117a
Normandy Way, Hinckley
Phase 2

ZTL 101
Tree Constraints Plan

date November 2023
status Planning

rev A

KEY.

- Trees / Groups
- Canopy Spread
 - Tree Stem
 - Root Protection Area
- A Category Tree
(High quality / retention value)
- B Category Tree
(Moderate quality / retention value)
- C Category Tree
(Low quality / retention value)
- U Category Tree
(No remaining retention value)

N scale 1 : 1000 @ A1
0 10 20 30 50 70 m

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ZTL 117a
Normandy Way, Hinckley
Phase 2

rev B

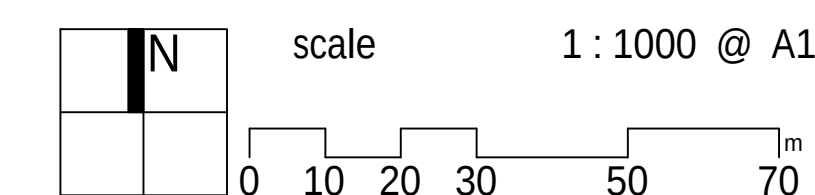
Trees / Groups

The diagram shows a tree with three concentric circles. The innermost circle is labeled 'Tree Stem'. The middle circle is labeled 'Canopy Spread'. The outermost circle is labeled 'Root Protection Area'.

-  A Category Tree
(High quality / retention value)
-  B Category Tree
(Moderate quality / retention value)
-  C Category Tree
(Low quality / retention value)
-  U Category Tree
(No remaining retention value)

Arboricultural Impact

- Tree / Group to be REMOVED
- PART-REMOVAL of group / hedgerow



30 St. Georges Square | Worcester | WR1 1HX | 01905 947 558
h e l l o @ z e b r a t r e e s . c o . u k

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Appendix 3

Tree Protection Specification

Figure 3 Examples of above-ground stabilizing systems

