

Arboricultural Impact Assessment



Horton Heath, Secondary Roads
9th November 2023



**Tyler
Grange**

TG Report No. 11705_R16b_JP

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11705	R16b	9 st November 2023	B	Jamie Pratt BSc (Hons) MArborA

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Section 1: Introduction

Table 1: Overview and Summary

Purpose of report:	Following the recommendations of the British Standard ¹ , this report includes the necessary arboricultural information to support the planning application. It demonstrates that the impact, both direct and indirect, of the proposal, has been assessed and where appropriate, mitigation and tree protection may be required.
Site description:	The site is located within the wider One Horton Heath development site. The site covers the secondary roads route which runs through The Holme, Market Square, existing Fir Tree Lane and Upper Acre parcels of the development masterplan. The route also passes the Primary School and Sports Facility parcels. The plans prepared for this application indicate the site boundary by a red line.
Application type:	This report supports a standalone full planning application for the Secondary Infrastructure Road (SIR). Reference should be made the Planning Statement prepared by Savills for details of the planning context and approach. A separate Arboricultural Note has been prepared by Tyler Grange to support the Statement of Conformity to the EIA relating the current OPA.
Report prepared on behalf of:	Eastleigh Borough Council
Local Planning Authority (LPA):	Eastleigh Borough Council
Report Summary:	The proposed layout has been well designed to avoid the loss of or impacts towards trees of high value. Where the network of roads and footpaths traverse the existing fields, removal of vegetation will be unavoidable. However, in line with best practice, the 'path of least resistance' has been taken through field boundaries to minimise removal of vegetation. The proposal demonstrates sufficient consideration for trees, and where tree removals are necessary, these have been limited to trees of low value. Compensation for the losses will also be provided in the form of approximately 70 new trees that will align the proposed road. The number of replacement trees is expected to exceed the number of required under the SPD by approximately 50 trees. Tree protection measures are required which is largely focused around installing tree protection fencing. This report details the protection measures required and includes an Arboricultural Method Statement for the works. Should consent be granted, the AMS can be secured by way of a planning condition. Given the submission forms a standalone application, this report also provides a comparative assessment of impacts associated with the SIR to those set-out within the Outline Planning Application (OPA). The comparative assessment does not identify any material change to the arboricultural impacts from those anticipated within the Arboricultural Impact Assessment report for the OPA.

¹ BS5837:2012 Trees in relation to design, demolition and construction- Recommendations, London: British Standards Institute



Section 2: Arboricultural Baseline

Table 2: Survey Summary

Survey approach:	The site was subject to a tree survey verification and update in March 2023. The tree survey was completed by a suitably qualified Arboricultural Surveyor of Tyler Grange. The survey was completed in accordance with BS5837 and utilised updated topographical survey information to provide greater detail on tree cover (namely within groups) to inform the design.
Survey findings:	Findings for each of the trees surveyed are detailed in the Tree Survey Schedule (See Appendix 2). This provides a tabulated record of the trees surveyed, including reference numbers, species composition, tree dimensions, life stage, physiological and structural condition, and the arboricultural value of each survey entry.
Survey mapping:	The distribution of the trees surveyed is illustrated on the Tree Constraints Plan (TCP) together details of their constraints to new development in accordance with BS5837, including, tree quality gradings ² , Root Protection Areas (RPAs) ³ , tree canopy spreads ⁴ and tree shading ⁵ . The TCP also shows buffers plotted from the Ancient Woodland and Veteran Trees located on / adjacent to the site in accordance with Standing Advice relating to these features ⁶ .

Table 3: Tree related Designations

Designation Type	TG Tree Reference Number(s)
Tree Preservation Order ⁷	W2, T6, H3, G5, and G6 (included within a TPO covering land located off-site, adjoining northern boundary and the wider OHH site) G24, G25, G26, T26 (included within a TPO covering land located off-site, adjoining the eastern boundary of the wider OHH site)
Conservation Area ⁸	None
Ancient Woodland ⁹	None – Ancient Woodland is present at the boundary of the wider OHH site however the trees and minimum 15m buffer zone is not located in such proximity to be affected by the proposed development.
Other Woodland Habitat ¹⁰	Priority Habitat (Deciduous Woodland) – T108 – T115, G71, G72 and W3.

² The arboricultural value of surveyed features under the criteria shown at Appendix 1. Allowing informed decisions to be made concerning which trees should be removed or retained in the event of development occurring.

³ a layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of the roots and soil structure is treated as a priority.

⁴ Dimensions of the trees crown spread and clearance from ground level.

⁵ Shade cast by existing trees which may affect the availability of sunlight and daylight within a new development.

⁶ A buffer zone around an ancient or veteran tree should be at least 15 times larger than the diameter of the tree. The buffer zone should be 5m from the edge of the tree's canopy if that area is larger than 15 times the tree's diameter ('Ancient woodland, ancient trees and veteran trees: protecting them from development', Forestry Commission and Natural England as updated November 2018).

⁷ A Tree Preservation Order is an order made by a local planning authority in England to protect specific trees, groups of trees or woodlands in the interests of amenity. An Order prohibits the any works and damage to trees (with some exceptions) without the local planning authority's written consent. More information can be found online <https://www.gov.uk/guidance/tree-preservation-orders-and-trees-in-conservation-areas#tree-preservation-orders--general>.

⁸ Trees in a conservation area that are not protected by an Order are protected by the provisions in section 211 of the Town and Country Planning Act 1990. These provisions require people to notify the local planning authority, using a 'section 211 notice', 6 weeks before carrying out certain work on such trees, unless an exception applies. More information can be found online <https://www.gov.uk/guidance/tree-preservation-orders-and-trees-in-conservation-areas#tree-preservation-orders--general>.

⁹ Ancient woods are areas of woodland that have persisted since 1600 in England and Wales, and 1750 in Scotland. The Magic Maps website <https://magic.defra.gov.uk/MagicMap.aspx> has been used to search for ancient woodland on or adjacent to a site.

¹⁰ Spatial data of woodlands identified under the Priority Habitat Inventory (England) Published by Natural England. The Magic Maps website <https://magic.defra.gov.uk/MagicMap.aspx> has been used to search for woodland on or adjacent to a site.



Section 3: Arboricultural Impact Assessment

Tree Retention and Removal

- 3.1. Trees to be retained and removed are shown on the TRRP. Table 4 below describes the tree losses required to facilitate the development and provides the number of replacement trees required under EBC's SPD Tree Replacement Policy.

Table 4: Trees to be Removed to Facilitate Development

Reference Number	Category Grading	Description of Loss	Replacement planting requirements
T47	B	Removal of a mature English oak in fair condition. Removal is required due to direct conflicts with road footprint.	8 trees.
T153	C	Removal of semi mature cherry which forms part of the central woodland belt. Removal is required to facilitate the road / bridge structure through the woodland belt.	1 tree.
T155	C	Removal of semi mature wild cherry which forms part of the central woodland belt. Removal is required to facilitate the road / bridge structure through the woodland belt.	1 tree.
T163	C	Removal of a young English oak to facilitate the road traversing the field boundary.	1 tree.
T164	C	Removal of a young English oak to facilitate the road traversing the field boundary.	1 tree.
T165	C	Removal of a semi mature Elm to facilitate the point of road access across the field boundaries.	1 tree.
G33	C	Removal of approximately 5 trees forming part of dense low value trees within the woodland belt. Removal is required to facilitate the road / bridge structure. Total section measuring 17m wide to facilitate development envelope and visibility splays.	5 trees (and dense understorey)
G91	C	Removal of eight semi mature goat willow to facilitate a proposed attenuation basin.	8 trees.
G95	U	Removal of three young ash and elm trees of poor condition. Removal is	No trees due to Category U classification.

		required to facilitate the point of road access across the field boundaries.	
H15	C	Partial removal comprising 25m section to facilitate road access point across the field boundaries.	None.
H17	C	Partial removal comprising 15m section to facilitate road access point across the field boundaries.	None.
H21	C	Partial removal of totalling 32m from three sections to facilitate proposed footpaths.	None.
H22	C	Partial removal of 33m section to facilitate a proposed roadabout.	None.
H37	C	Partial removal of 14m section to facilitate proposed road footprint.	None.

- 3.2. A total of 22 trees require removal to facilitate the scheme. Of the removals, one is of moderate value (T47), with the remaining being of low value or category U. The removals are necessary to form access points across the field boundaries where vegetation and trees are present. In order to minimise the impacts, the scheme has aligned the road and footpaths accordingly to avoid trees of higher value.
- 3.3. 26 replacement trees are required to meet EBC's replacement planting policy. At the time of writing this report there are no final details of the number of trees proposed as part of the scheme. It is noted that the previous landscape proposals for this scheme included a total of 74 new trees which exceeded the requirements by 52 trees. Given there is limited change to the proposed layout compared to the previous scheme, it is expected that a similar number will be included as part of this scheme and full planning application. These will form new street trees that align the roads within grass verges. The species / specification of the tree planting is currently unknown, however it is expected that suitable species selection will be adopted and informed by EBCs list of recommended species as part of detailed design.

Tree Pruning Works

- 3.4. The layout has been assessed in terms of tree canopies that encroach the proposed roads and footways to determine whether any tree pruning works are need to facilitate construction and suitable clearance for future use.
- 3.5. The canopy of a single tree within group G4 encroaches slightly over the proposed footway. Pruning in the form of crown lifting to provide 2.4m clearance over the path is recommended. The extent of pruning is not considered to be significant, and the trees retention is considered possible.
- 3.6. Pruning of tree T154 (goat willow) on its eastern side will be required to facilitate the construction of the proposed bridge and to provide clearance from the visibility line. The works will involve targeted pruning of branches by 3m. Clearance from the road edge will be a maximum of 4m.



Works within Root Protection Areas

- 3.7. A new footpath is to be located within the RPA of tree T201 and a tree within group G34. The incursions amount to 6% and 12% respectively. The works are not considered harmful in so far as the trees require removal subject to the adoption of mitigative construction works as detailed within the AMS.

Construction Mitigation

- 3.8. A Tree Protection Plan and Arboricultural Method Statement has been prepared which sets out the tree protection measures required during the construction stages. The protection measures follow the recommendation for construction mitigation as detailed within this report in order to safeguard trees from damage / impacts.
- 3.9. The protection measures largely comprise fencing being located around tree to prohibit damage to trees during construction. The construction zone is however not determined at this stage and therefore the protective fencing extends to trees some distance away from the layout area as a precaution. The fencing requirement will be fully determined as part of a pre-commencement meeting as stipulated within the AMS.
- 3.10. It is recommended that, should consent be granted, the Tree Protection Plan and Arboricultural Method Statement is secured by way of a planning condition. Should further construction details be provided following the submission, updates may be required to form a workable tree protection scheme. The condition wording should therefore allow for revisions (subject to LPA agreement) to the AMS pre-commencement.

Comparative Assessment of Outline Planning Application

- 3.11. A preliminary Arboricultural Impact Assessment accompanied the Outline Planning Application (report ref. 11705 R05a dated 15th December 2020). This report identified potential arboricultural impacts associated within the wider One Horton Heath masterplan. A comparative assessment has been completed to identify if this full planning application remain consistent with the conclusions of the OPA arboricultural assessment. The changes identifies are:
- The full planning application shows greater tree retention as the road traverses adjacent to trees T199, T200 and T2012. These were formerly recorded as group G38 which were identified to potentially be removed within the OPA. The proposed road layout now retains these Category B trees and losses are contained to Category C hedgerow / small stature trees in this area.
 - Trees T163, T164 and T165 will be removed as part of the full application and were previously shown to be retained as part of the OPA under reference G35. These are low value Category C specimens are their loss do not represent a material change to impacts.
 - Some category B trees were anticipated to be lost to facilitate the bridge crossing within the OPA. The proposed layout for the full planning application shows that losses will be contained to category C trees.
- 3.12. Overall, there is no material change from the impacts anticipated as part the OPA to what is proposed as part of this full planning application from an arboricultural perspective.

Conclusion

- 3.13. The proposal has been well-informed by the tree constraints and negligible arboricultural impacts are expected following the assessment. Tree removals are largely of low value and replacement planting will be provided that is expected to exceed the requirements of local policy. The scheme, in isolation from the wider masterplan, can deliver a net gain in tree cover provided tree planting establishes.
- 3.14. Tree protection measures will be required as set out within this report which can be secured by way of a suitably worded planning condition.
- 3.15. There are no material changes to the impacts of the full application compared to those anticipated as part of the arboricultural assessment for the OPA.



Appendix 1: Planning Policy Relating to Trees

Table 5: National and Local Planning Policy Relating to Trees

Policy Document	Policy References	Policy Wording / Description
National Planning Policy Framework (NPPF)	Section 12, paragraph 131	"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."
	Section 15, paragraph 174	"Planning policies and decisions should contribute to and enhance the natural and local environment by:" Subsection 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."
	Section 15, paragraph 180	"When determining planning applications, local planning authorities should apply the following principles:" Subsection C; "that 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."
Local Planning Policy (Add Local Plan Title)	Policy DM1, General criteria for new development	"All new development should (as relevant): ..d. not involve the loss of or damage to trees, woodlands, hedgerows, ponds, priority habitats or other landscape features of value to the character of the area, for appearance or biodiversity unless they can be replaced with features of equivalent or enhanced value, (recognising that some species and habitats may be irreplaceable);"
Supplementary Planning Documents / Guidance	Trees and Development Supplementary Planning Document (Adopted April 2022)	A comprehensive document which sets out the councils' expectations and approach to assessing trees and development. Includes policy methodology for tree replacement which has been adopted within this assessment.



Appendix 2: BS 5837:2012 Cascade Chart for Tree Quality Assessment

TREES FOR REMOVAL				
Category and Definition	Criteria			Identification on Plan
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years	• 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			DARK RED
	• 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 suppressing 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				
Category and Definition	Criteria - Subcategories			Identification on Plan
	1. Mainly Arboricultural Values	2. Mainly Landscape Values	3. Mainly Cultural Values, including Conservation	
Category A Trees of high quality with an estimated remaining 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 or 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)	LIGHT GREEN
Category B <i>Trees of moderate quality with an estimated remaining life expectancy of at least 20 years</i>	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remedial 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	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 benefits.	MID BLUE
Category C <i>Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm</i>	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 temporary/transient landscape benefit.	Trees with no material conservation or other cultural value.	GREY



Appendix 3: Tree Survey Schedule (11705/TSS01f)



Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T1	English Oak	14m	1550	9.00	5.00	9.50	10.00	5.00	Veteran	Good	Good	A1.2.3	15.0	707	23.25
T2	English Oak	13m	990	8.25	9.50	8.25	7.50	4.50	Mature	Good	Good	B1.2	11.9	443	n/a
T3	English Oak	11m	880	6.00	7.25	6.25	6.75	4.50	Mature	Good	Good	B1.2	10.6	350	n/a
T4	Common Alder	8m	2x 225	4.00	4.00	4.00	4.00	3.50	Early Mature	Good	Fair	C1.2	3.8	45	n/a
T5	English Oak	13m	800	9.75	9.75	9.75	9.75	4.75	Mature	Fair	Good	B1.2	9.6	289	n/a
T6	English Oak	17m	1200	9.00 into site				6.5 site	Veteran	Good	Good	A1.2.3	14.4	651	18
T7	English Oak	17m	1200	11.00				2.75 site	Veteran	Good	Good	A1.2.3	14.4	651	18
T8	English Oak	18m	2x 850	10.00				4.50	Veteran	Good	Good	A1.2.3	14.4	651	18
T9	Ash	15m	675#	5.50				7.00 site	Mature	Fair	Fair	B2	8.1	206	n/a
T10	English Oak	16m	1250+	9.25	11.75	10.00	8.00	4.75 site	Veteran	Good	Good	A1.2.3	15.0	707	18.75
T11	English Oak	14m	850	6.50	9.25	7.00	8.50	5.00 site	Mature	Good	Fair	B1.2	10.2	327	n/a
T12	Scots Pine	14m	780	5.00	8.75	5.00	4.00	8.00	Mature	Poor	Poor	C1.2	9.4	275	n/a
T13	English Oak	8m	350, 450	4.00	4.00	4.00	4.00	-	Dead	Dead	Dead	U	n/a	n/a	n/a
T14	English Oak	12m	1250+	6.00	16.00	12.00	11.75	5.00	Veteran	Fair	Fair	A1.2.3	15.0	707	18.75
T15	English Oak	13m	800	9.00	7.00	8.00	8.25	5.00	Mature	Fair	Fair	B1.2	9.6	289	n/a
T16	English Oak	14m	990	10.00	10.00	11.00	10.75	5.00	Mature	Good	Good	A1.2	11.9	443	n/a
T17	English Oak	15m	850	8.00	4.50	11.25	9.50	5.00	Mature	Good	Fair	B1.2	10.2	327	n/a
T18	Ash	15m	450, 350, 300, 500	4.00	6.25	8.00	4.50	8.00	Mature	Fair	Poor	B2	9.8	302	n/a
T19	Field Maple	10m	3x 500	8.25	7.40	6.00	4.00	1.50	Veteran	Good	Fair	A1.2.3	10.4	340	13
T20	Now T230														
T21	English Oak	14m	980	10.00	10.00	10.00	10.00	6.00	Mature	Fair	Fair	B1.2	11.8	434	n/a
T22	English Oak	12m	780	8.00	9.50	7.00	3.00	2.75	Mature	Fair	Fair	B1.2	9.4	275	n/a
T23	English Oak	13m	750	7.00	7.00	7.00	7.00	1.50	Mature	Good	Good	B1.2	9.0	254	n/a
T24	English Oak	15m	1250+	9.00	8.50	11.00	13.00	4.50	Veteran	Fair	Fair	A1.2.3	15.0	707	18.75
T25	Hawthorn	5m	6x 180	3.25	3.50	2.75	3.50	1.00	Mature	Fair	Fair	C1.2	5.3	88	n/a
T26	English Oak	17m	900	8.00	8.00	8.00	8.00	5.50 site	Mature	Good	Good	A1.2	10.8	366	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T27	English Oak	13m	1000	10.75	10.75	10.75	10.75	2.50	Mature	Fair	Good	A1.2	12.0	452	n/a
T28	English Oak	11m	800	7.00	7.25	8.00	6.00	4.00	Mature	Fair	Fair	B1.2	9.6	289	n/a
T29	English Oak	14m	1150	9.00	8.50	10.00	8.00	5.00 site (N)	Mature	Fair	Fair	B1.2	13.8	598	n/a
T30	English Oak	7m	300	4.00	4.00	4.00	4.00	4.00	Semi Mature	Good	Fair	C1.2	3.6	41	n/a
T31	Ash	8m	13x 250 ave	8.25	6.00	7.50	5.00	1.50	Mature	Fair	Fair	B2	10.8	366	n/a
T32	Holly	6m	3x 200	2.00	2.00	2.00	2.00	0.00	Mature	Poor	Poor	C1.2	4.2	55	n/a
T33	English Oak	9m	650	6.00	4.75	8.25	8.75	4.00 (S)	Mature	Fair	Fair	B2	7.8	191	n/a
T34	Field Maple	8m	425, 380	8.00	4.75	4.50	3.00	4.00 (S)	Mature	Fair	Fair	B2	6.8	145	n/a
T35	English Oak	8m	500	6.75	7.25	6.50	4.50	4.50 (S)	Mature	Fair	Fair	B2	6.0	113	n/a
T36	English Oak	13m	1250+	6.75	9.25	8.25	8.25	4.00	Veteran	Fair	Good	A1.2.3	15.0	707	18.75
T37	English Oak	11m	1250+	9.50	6.00	6.00	7.00	3.00	Veteran	Fair	Fair	A1.2.3	15.0	707	18.75
T38	Hazel	6m	400	5.00	5.00	5.00	5.00	1.00	Mature	Good	Fair	B2	4.8	72	n/a
T39	Oak	12m	800	6.50	8.00	8.50	5.50	3.00	Mature	Fair	Fair	B1.2	9.6	289	n/a
T40	English Oak	12m	1000	7.50	6.50	6.50	5.50	4.00	Veteran	Fair	Fair	A1.2.3	12.0	452	15
T41	English Oak	9m	575	7.50	7.00	5.00	5.00	4.50	Mature	Fair	Fair	B2	6.9	149	n/a
T42	English Oak	19m	1250+	11.00	11.00	11.00	11.00	4.00	Veteran	Good	Good	A1.2.3	15.0	707	18.75
T43	English Oak	15m	850	8.25	8.25	8.25	8.25	4.00	Mature	Fair	Good	A1.2	10.2	327	n/a
T44	English Oak	15m	1000	7.00	8.75	9.00	8.00	5.00	Veteran	Good	Good	A1.2.3	12.0	452	15
T45	English Oak	14m	980	10.00	8.00	10.00	8.00	5.00	Mature	Fair	Good	A2	11.8	434	n/a
T46	English Oak	15m	1300	7.50	8.25	9.00	8.00	5.00 (N)	Veteran	Good	Good	A1.2.3	15.0	707	19.5
T47	English Oak	11m	800	8.00	7.00	7.00	7.00	4.00	Mature	Fair	Fair	B1.2	9.6	289	n/a
T48	English Oak	15m	1300	9.00	9.50	10.00	10.00	4.50 (N)	Mature	Poor	Poor	B2	15.0	707	n/a
T49	English Oak	15m	860	10.00	12.00	11.00	2.00	5.00 (S)	Mature	Fair	Poor	C1.2	10.3	334	n/a
T50	English Oak	14m	750	8.00	9.00	8.00	9.00	6.00 (S)	Mature	Fair	Fair	B1.2	9.0	254	n/a
T52	Stone Pine	6m	6x 200	4.50	4.50	4.50	4.50	1.50	Mature	Good	Good	B2	5.9	109	n/a
T53	Hawthorn								Removed.						
T54	Ash								Removed / collapsed.						
T55	Ash	8m	350	3.50	3.50	3.50	3.50	3.00 (S)	Mature	Poor	Poor	C1.2	4.2	55	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T56	Common Alder	15m	750, 600	6.00	8.50	8.00	8.50	4.50 (F)	Mature	Fair	Fair	B1.2	11.5	415	n/a
T57	Ash	17m	650	8.00	4.00	3.00	3.00	8.00 (F)	Mature	Poor	Poor	C1.2	7.8	191	n/a
T58	English Oak	18m	1250+	12.00	10.50	11.00	10.00	4m	Veteran	Good	Good	A1.2.3	15.0	707	18.75
T59	English Oak n	10m	500	5.50	5.00	3.00	3.00	4.00	Mature	Fair	Fair	B2	6.0	113	n/a
T60	Hawthorn	5m	250	2.00	2.00	2.00	2.00	2.00	Mature	Fair	Fair	C1.2	3.0	28	n/a
T61	English Oak								Felled.						
T62	Ash	9m	200, 300	6.00	6.00	6.00	6.00	4.00	Mature	Fair	Fair	B2	4.3	58	n/a
T63	English Oak	11m	500	5.00	5.00	5.00	5.00	4.00	Mature	Fair	Fair	B2	6.0	113	n/a
T64	English Oak	12m	680	6.00	8.00	10.00	10.00	5.00	Mature	Good	Fair	B1.2	8.2	209	n/a
T65	English Oak	12m	1150	6.50	7.75	8.50	7.75	5.00 (N)	Mature	Fair	Fair	B2.3	13.8	598	n/a
T66	English Oak	14m	930	7.75	7.00	8.25	6.00	5.00, 5.00	Mature	Good	Fair	B1.2	11.2	391	n/a
T67	English Oak	16m	1200	11.00	10.50	11.00	7.50	2.00 tips	Veteran	Good	Good	A1.2.3	14.4	651	18
T68	English Oak	15m	1200	5.25	12.50	12.00	11.00	8.00 (N)	Veteran	Fair	Poor	A3	14.4	651	18
T69	Ash	14m	650	11.50	2.00	2.00	11.50	4.50 (N)	Mature	Poor	Poor	U	n/a	n/a	n/a
T70	English Oak	13m	750	5.00	2.50	10.00	11.00	4.00 (N)	Mature	Fair	Poor	B2	9.0	254	n/a
T71	Weeping Willow	12m	775	4.75	5.00	8.25	6.50	0.50 tips	Mature	Good	Fair	B1.2	9.3	272	n/a
T72	English Oak	14m	1150	11.00	10.00	10.50	8.75	5.00, 1.50	Veteran	Good	Good	A1.2.3	13.8	598	17.25
T73	Silver Birch	9m	320	4.75	4.75	4.75	4.75	1.25	Mature	Good	Good	B1.2	3.8	46	n/a
T74	Pear	11m	750	7.00	7.00	7.00	6.00	2.75	Mature	Good	Good	B1.2	9.0	254	n/a
T75	English Oak	13m	1100	8.00	10.75	10.75	10.75	3.00	Mature	Good	Good	A1.2	13.2	547	n/a
T76	English Oak	14m	1060	4.00	8.00	10.00	10.50	3.00	Mature	Fair	Fair	B1.2	12.7	508	n/a
T77	English Oak	15m	1040	9.25	10.50	4.00	11.50	3.00	Mature	Poor	Fair	B2	12.5	489	n/a
T78	Sycamore	15m	890	9.00	10.00	9.00	9.50	4.00	Mature	Fair	Good	B1.2	10.7	358	n/a
T79	English Oak	17m	1600	10.00	6.00	8.00	8.00	6.00	Veteran	Fair	Good	A1.2.3	15.0	707	24
T80	English Oak	12m	540	6.00	4.00	3.00	6.00	7.50	Mature	Poor	Fair	C1	6.5	132	n/a
T81	English Oak	16m	900	7.00	8.00	8.00	9.00	4.50	Mature	Fair	Fair	A1.2	10.8	366	n/a
T82	Field Maple	6m	300#	5.00	5.00	5.00	5.00	3.00	Mature	Fair	Fair	B2	3.6	41	n/a
T83	English Oak	12m	350	4.00	3.00	6.00	6.00	4.50	Early Mature	Fair	Fair	B2	4.2	55	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T84	Horse Chestnut	9m	750	7.00	6.00	4.00	6.00	3.00	Mature	Good	Fair	B1.2	9.0	254	n/a
T85	English Oak	12m	650, 500	7.75	7.00#	7.00#	9.00	4.00	Mature	Good	Fair	B1.2	9.8	302	n/a
T86	English Oak	9m	300, 400	7.00	6.00	5.00	5.00	4.50	Early Mature	Good	Good	B2	6.0	113	n/a
T87	Common Alder	12m	420	4.00	4.00	4.00	4.00	3.00	Mature	Dead	Poor	U	5.0	80	n/a
T88	Common Alder	12m	310	3.00	2.00	3.00	2.00	2.00	Mature	poor	Fair	U	3.7	43	n/a
T89	Common Alder	13m	330	3.50	0.00	3.50	3.00	3.00	Mature	Fair	Fair	C2	4.0	49	n/a
T90	Common Alder	15m	280	2.00	2.00	2.00	1.00	7.00	Early Mature	Fair	Poor	C2	3.4	35	n/a
T91	Common Alder	14m	377	5.00	1.50	3.00	4.00	3.00	Mature	Poor	Poor	U	4.5	64	n/a
T92	Common Alder	15m	210	0.00	3.00	5.00	2.00	2.00	Early Mature	Fair	Poor	C2	2.5	20	n/a
T93	Common Alder	15m	440	6.00	4.00	2.00	3.00	4.00	mature	Poor	Fair	U	5.3	88	n/a
T94	Ash	13m	350	4.00	3.00	2.00	3.00	2.00	Mature	Poor	Fair	U	4.2	55	n/a
T95	Common Alder	14m	320	2.00	5.00	4.00	3.00	4.00	Mature	Poor	Poor	U	3.8	46	n/a
T96	Common Alder	14m	412	3.00	4.00	4.00	5.00	4.00	Mature	Poor	Fair	C2	4.9	77	n/a
T97	Ash	12m	335	4.00	3.00	4.00	2.00	3.00	Early Mature	Fair	Fair	C1.2	4.0	51	n/a
T98	Common Alder	15m	734	7.00	6.00	6.00	5.00	3.00	Mature	Fair	Fair	B2	8.8	244	n/a
T99	English Oak	14m	520	7.00	4.00	6.00	6.00	3.00	Mature	Fair	Fair	B2	6.2	122	n/a
T100	English Oak	16m	680	8.00	8.00	6.00	9.00	3.00	Mature	Good	Good	B2	8.2	209	n/a
T101	English Oak	10m	660	5.00	5.00	5.00	5.00	2.00	Dead	Dead	Dead	U	7.9	197	n/a
T102	English Oak	15m	610	6.00	7.00	3.00	6.00	2.00	Mature	Fair	Fair	B2	7.3	168	n/a
T103	English Oak	15m	630	5.00	5.00	6.00	6.00	2.00	Mature	Fair	Good	B2	7.6	179	n/a
T104	English Oak	14m	630	7.00	8.00	8.00	7.00	2.00	Mature	Fair	Fair	B2	7.6	179	n/a
T105	English Oak	13m	590	6.00	7.00	6.00	8.00	3.00	Mature	Fair	Good	B2	7.1	157	n/a
T106	English Oak	12m	360	5.00	6.00	6.00	6.00	3.00	Early Mature	Fair	Fair	B2	4.3	59	n/a
T107	English Oak	13m	620	7.00	4.00	6.00	8.00	3.00	Mature	Fair	Good	B2	7.4	174	n/a
T108	English Oak	13m	510	6.00	7.00	5.00	6.00	2.00	Early Mature	Fair	Fair	B2	6.1	118	n/a
T109	English Oak	17m	600	7.00	7.00	7.00	7.00	4.00	Mature	Good	Fair	B2	7.2	163	n/a
T110	English Oak	16m	460	7.00	6.00	6.00	5.00	2.00	Mature	Good	Fair	B2	5.5	96	n/a
T111	English Oak	17m	770	9.00	7.00	9.00	9.00	3.00	Mature	Good	Fair	A.2	9.2	268	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T112	beech	19m	850	9.00	7.00	8.00	7.00	2.00	Mature	Good	Good	A.2	10.2	327	n/a
T113	English Oak	18m	710	9.00	10.00	8.00	6.00	3.00	Mature	Good	Good	A.2	8.5	228	n/a
T114	goat willow	12m	350	10.00	10.00	10.00	10.00	0.00	Mature	Collapsed	Poor	U	4.2	55	n/a
T115	goat willow	4m	360	6.00	6.00	6.00	6.00	0.00	Mature	Collapsed	Poor	U	4.3	59	n/a
T116	Goat Willow	6m	230	4.00	5.00	3.00	4.00	1.50	Mature	Fair	Poor	C2	2.8	24	n/a
T117	English Oak	8m	310	3.50	3.50	3.50	3.50	3.00	Early Mature	Fair	Fair	C2	3.7	43	n/a
T118	English Oak	9m	260	2.50	2.50	2.50	2.50	3.00	Early Mature	Fair	Good	C2	3.1	31	n/a
T119	English Oak	6m	180	2.00	2.00	2.00	2.00	2.00	Semi Mature	Good	Fair	C2	2.2	15	n/a
T120	Goat Willow	7m	190	4.00	4.00	4.00	4.00	1.00	Mature	Good	Fair	C2	2.3	16	n/a
T121	Goat Willow	7m	170	3.50	3.50	3.50	3.50	2.00	Early Mature	Good	Fair	C2	2.0	13	n/a
T122	Fraxinus excelsior (Ash)	14m	340	6.50	4.00	2.00	5.00	4.00	Mature	Good	Fair	B2	4.1	52	n/a
T123	Fraxinus excelsior (Ash)	13m	440	8.00	2.00	3.00	5.00	3.00	Mature	Fair	Poor	C2	5.3	88	n/a
T124	Fraxinus excelsior (Ash)	14m	380	8.50	4.00	4.00	4.00	3.00	Mature	Good	Fair	C2	4.6	65	n/a
T125	Quercus robur (Common Oak)	15m	360	8.00	5.00	2.00	5.00	4.00	Mature	Fair	Fair	B2	4.3	59	n/a
T126	Quercus robur (Common Oak)	15m	430	8.00	5.00	2.00	5.00	3.00	Mature	Fair	Fair	B2	5.2	84	n/a
T127	Quercus robur (Common Oak)	12m	424	7.00	4.00	3.50	3.00	3.00	Mature	Fair	Fair	C2	5.1	81	n/a
T128	Quercus robur (Common Oak)	13m	230	4.00	3.00	3.00	3.00	3.00	Early Mature	Poor	Fair	U	2.8	24	n/a
T129	Quercus robur (Common Oak)	12m	240	3.50	3.00	3.50	2.00	4.00	Early Mature	Good	Fair	C2	2.9	26	n/a
T130	Quercus robur (Common Oak)	13m	400	8.00	7.00	8.00	6.00	3.00	Mature	Good	Good	A2	4.8	72	n/a
T131	Quercus robur (Common Oak)	5m	650	3.50	3.50	3.50	3.50	2.00	Mature	Fair	Poor	C2	7.8	191	n/a
T132	Quercus robur (Common Oak)	14m	490	8.00	6.00	5.00	3.00	3.00	Mature	Fair	Fair	C2	5.9	109	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T133	Quercus robur (Common Oak)	8m	550	5.00	5.00	5.00	5.00	3.00	Mature	Fair	Fair	C2	6.6	137	n/a
T134	Crataegus monogyna (Hawthorn)	4m	260	3.00	2.00	1.00	2.00	2.00	Mature	Poor	Fair	C2	3.1	31	n/a
T135	Quercus robur (Common Oak)	13m	780	8.00	8.00	8.00	6.50	3.00	Mature	Fair	Good	A2	9.4	275	n/a
T136	Quercus robur (Common Oak)	9m	400	4.00	2.00	4.00	6.00	2.00	Early Mature	Good	Fair	C2	4.8	72	n/a
T137	Quercus robur (Common Oak)	13m	510	7.00	7.00	7.00	5.00	3.00	Mature	Good	Fair	B2	6.1	118	n/a
T138	Quercus robur (Common Oak)	13m	420	5.50	5.50	5.50	5.50	2.00	Early Mature	Fair	Fair	C2	5.0	80	n/a
T139	Quercus robur (Common Oak)	13m	510	5.50	5.50	5.50	6.00	2.00	Early Mature	Fair	Fair	B2	6.1	118	n/a
T140	Fraxinus excelsior (Ash)	12m	453	4.00	3.00	4.50	4.50	3.00	Early Mature	Poor	Poor	C2	5.4	93	n/a
T141	Fraxinus excelsior (Ash)	12m	480	4.00	3.00	4.50	4.50	3.00	Early Mature	Poor	Poor	C2	5.8	104	n/a
T142	Quercus robur (Common Oak)	15m	700	8.00	8.00	8.00	8.00	4.00	Mature	Fair	Fair	B2	8.4	222	n/a
T143	Prunus 'Kanzan' (Pink Cherry)	3m	300	2.00	2.00	2.00	2.00	0.00	Mature	Poor	Poor	U	3.6	41	n/a
T144	Fraxinus excelsior (Ash)	5m	127	2.00	2.00	2.00	3.00	2.00	Semi Mature	Fair	Poor	C2	1.5	7	n/a
T145	Fraxinus excelsior (Ash)	10m	364	3.00	4.00	5.00	4.00	4.00	Mature	Fair	Poor	C2	4.4	60	n/a
T146	Betula pendula Youngii (Silver Birch)	8m	300	3.00	3.00	3.00	3.00	2.00	Mature	Good	Poor	C2	3.6	41	n/a
T147	Quercus robur (Common Oak)	12m	367	4.00	4.00	4.00	4.00	0.00	Mature	Fair	Fair	C2	4.4	61	n/a
T148	Fraxinus excelsior (Ash)	8m	173	3.00	1.00	3.00	3.00	3.00	Early Mature	Poor	Poor	U	2.1	14	n/a
T149	Wild cherry	12	320	2.00	3.75	5.50	4.00	2.00	Early Mature	Good	Good	B2	3.8	46	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T150	Goat Willow	10	250		3.00			3.00	Early Mature	Fair	Fair	C2	3.0	28	n/a
T151	Ash	9	275, 200	6.00	1.00	5.00	2.00	2.50	Early Mature	Poor	Fair	C1.2	4.1	53	n/a
T152	Goat Willow	7	350	1.00	3.00	4.75	2.00	2.50	Early Mature	Good	Fair	C2	4.2	55	n/a
T153	Cherry	8	225	4.00	2.50	1.00	2.00	5.00	Semi mature	Fair	Poor	C1.2	2.7	23	n/a
T154	Goat willow	11	3 x 550	9.00	9.00	7.75	4.50	1.00	Mature	Good	Fair	B2	11.4	408	n/a
T155	Wild cherry	8	225	2.00	4.00	3.25	1.00	3.00	Semi mature	Good	Fair	C2	2.7	23	n/a
T156	Ash	11	430	4.00	6.50	6.75	4.00	4.00	Early Mature	Fair	Fair	B2	5.2	84	n/a
T157	Ash	11	300	2.00	2.00	6.00	5.00	4.00	Early Mature	Fair	Fair	C2	3.6	41	n/a
T158	English oak	8	1100	3.00	4.75	3.50	3.50	3.00	Veteran	Fair	Fair	A3	13.2	547	n/a
T159	Ash	5	5 x 80		3.75			2.50	Semi mature	Fair	Fair	C2	2.1	14	n/a
T160	English oak	18	950	7.50	7.00	7.00	6.00	2.00	Mature	Good	Good	A1.2	11.4	408	n/a
T161	English oak	16	620	3.00	7.00	7.00	4.00	4.00	Mature	Fair	Fair	B2	7.4	174	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T162	English oak	16	1120	10.50	7.75	4.00	8.75	2.00	Mature	Good	Fair	B1.2	13.4	567	n/a
T163	English oak	6	200		2.50			1.00	Young	Good	Good	C2	2.4	18	n/a
T164	English oak	3	80		1.50			0.50	Young	Good	Fair	C2	1.0	3	n/a
T165	Elm	3	80		1.50			0.50	Semi mature	Poor	Poor	C2	1.0	3	n/a
T166	Goat willow	6	6 x 120	3.00	1.00	5.50	4.50	0.50	Early Mature	Good	Fair	C2	3.5	38	n/a
T167	Goat willow	5	220 x 2	4.00	1.50	4.50	4.00	0.50	Early Mature	Good	Fair	C2	3.7	43	n/a
T168	Ash	3	80		1.00			0.50	Young	Poor	Poor	U	1.0	3	n/a
T169	Holly	4	230		1.75			0.50	Early mature	Fair	Fair	C2	2.8	24	n/a
T170	English oak	20	700	10.00	5.00	5.00	3.00	4.50	Mature	Good	Good	B1.2	8.4	222	n/a
T171	English oak	18	500, 480	8.50	6.00	6.00	10.50	5.00	Mature	Good	Fair	B1.2	8.3	216	n/a
T172	English oak	18	400, 300	7.50	4.00	4.00	4.00	4.00	Early mature	Good	Fair	B2	6.0	113	n/a
T173	English oak	18	475	8.75	6.00	3.00	6.00	4.00	Early mature	Good	Fair	B2	5.7	102	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T174	English oak	16	525	9.50	7.00	4.00	4.00	4.50	Mature	Good	Good	B1.2	6.3	125	n/a
T175	English oak	18	650	10.50	5.00	4.00	8.00	5.00	Mature	Good	Good	B1.2	7.8	191	n/a
T176	Ash	15	400	4.75	3.00	6.00	7.00	8.00	Mature	Poor	Poor	U	4.8	72	n/a
T177	English oak	20	850	9.50	8.00	6.00	6.00	7.00	Mature	Good	Good	B1.2	10.2	327	n/a
T178	English oak	16	3 x 280	7.00	4.00	3.00	2.00	5.00	Early mature	Good	Fair	B2	5.8	106	n/a
T179	Ash	18	650	8.75	7.50	7.00	7.00	5.00	Mature	Fair	Fair	B2	7.8	191	n/a
T180	English oak	18	580	10.00	5.00	4.00	6.75	4.50	Mature	Good	Good	B1.2	7.0	152	n/a
T181	Ash	17	520, 480	8.50	8.50	7.00	8.00	5.00	Mature	Fair	Fair	B2	8.5	227	n/a
T182	English oak	17	800	10.00	10.00	7.00	9.75	5.00	Mature	Good	Good	A1.2	9.6	289	n/a
T183	English oak	18	660	10.00	8.00	5.00	10.00	4.50	Mature	Good	Good	B1.2	7.9	197	n/a
T184	English oak	18	500, 600	7.25	10.00	5.00	10.00	5.00	Mature	Good	Fair	B2	9.4	277	n/a
T185	Hazel	4	250	6.50	2.50	3.00	6.50	2.50	Mature	Good	Good	C2	3.0	28	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T186	English oak	12	600	8.25	8.00	6.00	8.50	5.00	Mature	Good	Good	B1.2	7.2	163	n/a
T187	English oak	15	900	7.25	10.00	7.00	8.50	5.00	Mature	Good	Good	A2	10.8	366	n/a
T188	English oak	13	580	3.00	6.75	5.00	7.00	2.00	Mature	Good	Good	B1.2	7.0	152	n/a
T189	English oak	14	580	4.75	6.00	3.75	7.00	2.50	Mature	Good	Good	B1.2	7.0	152	n/a
T190	English oak	12	800	2.00	6.00	6.00	8.00	3.00	Mature	Good	Good	B2	9.6	289	n/a
T191	English oak	13	400 x 2	3.00	3.00	4.00	4.50	6.75	Mature	Poor	Fair	C1	6.8	145	n/a
T192	English oak	12	800	6.00	6.00	4.50	7.50	4.00	Mature	Good	Good	B1.2	9.6	289	n/a
T193	English oak	20	980	4.50	9.00	8.75	8.75	4.00	Mature	Good	Good	A1.2	11.8	434	n/a
T194	English oak	20	680	4.00	7.50	1.00	9.00	5.00	Mature	Good	Fair	B2	8.2	209	n/a
T195	English oak	16	450 x 2	4.00	9.75	4.00	4.00	4.00	Mature	Good	Fair	B2	7.6	181	n/a
T196	Ash	18	300, 400 x 2	3.00	6.00	4.00	5.00	8.00	Mature	Poor	Poor	U	7.7	186	n/a
T197	English oak	18	1100	2.50	8.75	7.00	9.50	4.00	Mature	Good	Good	A1.2	13.2	547	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T198	English oak	20	1200	8.00	10.75	7.00	10.50	4.00	Mature	Good	Good	A1.2	14.4	651	n/a
T199	Ash	17	650	7.00	9.50	6.50	5.00	7.00	Mature	Poor	Fair	C1	7.8	191	n/a
T200	English oak	9	650	8.00	2.50	1.50	7.50	4.00	Mature	Good	Fair	B2	7.8	191	n/a
T201	English oak	9	760	5.80	8.00	2.00	5.50	3.50	Mature	Good	Fair	B2	9.1	261	n/a
T202	English oak	22	1300	7.00	9.00	10.00	10.00	5.00	Mature	Good	Good	A1.2	15.6	764	n/a
T203	Ash	18	640	8.00	8.50	5.00	7.00	5.00	Mature	Fair	Fair	B2	7.7	185	n/a
T204	Ash	18	400, 300	8.00	8.00	3.00	5.00	5.00	Mature	Fair	Poor	C1	6.0	113	n/a
T205	Hawthorn	5	175		2.50			3.00	Mature	Poor	Fair	C1.2	2.1	14	n/a
T206	English oak	18	1100	8.25	8.00	7.00	8.00	5.00	Mature	Good	Good	A1.2	13.2	547	n/a
T207	Ash	14	580	5.00	3.00	6.00	4.00	4.00	Mature	Fair	Good	B2	7.0	152	n/a
T208	English oak	10	870	5.50	4.75	4.00	4.00	3.75	Matue	Good	Fair	B2	10.4	342	n/a
T209	Field maple	7	400		5.00			2.00	Mature	Good	Good	B2	4.8	72	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T210	English oak	11	1000	9.50	6.00	6.00	8.50	2.75	Mature	Good	Good	A1.2	12.0	452	n/a
T211	Ash	13	250, 220	6.50	4.00	4.00	5.00	4.00	Early mature	Fair	Fair	C1	4.0	50	n/a
T212	English oak	14	480	3.00	4.00	6.50	3.00	2.50	Mature	Good	Fair	B2	5.8	104	n/a
T213	Hawthorn	4	120		1.50			1.00	Mature	Fair	Fair	C2	1.4	7	n/a
T214	Ash	15	500	9.75	9.50	2.00	8.00	2.00	Mature	Fair	Fair	B2	6.0	113	n/a
T215	English oak	10	300, 400	7.00	8.00	4.00	1.00	1.50	Mature	Good	Fair	B2	6.0	113	n/a
T216	English oak	17	875	6.50	7.00	8.00	9.00	1.50	Mature	Good	Good	B1.2	10.5	346	n/a
T217	Field maple	5	200 x 4	6.50	4.00	3.00	4.00	2.50	Mature	Fair	Fair	B2	4.8	72	n/a
T218	English oak	9	500	3.00	4.50	6.50	4.50	4.00	Mature	Good	Fair	B2	6.0	113	n/a
T219	Goat willow	6	400	6.00	6.50	4.00	2.00	0.50	Mature	Good	Fair	B2	4.8	72	n/a
T220	Field maple	8	6 x 200	5.00	2.00	4.00	4.50	2.00	Mature	Good	Good	B2	5.9	109	n/a
T221	Field maple	8	5 x 150	5.00	1.50	5.00	1.50	2.50	Mature	Good	Fair	B2	4.0	50	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T222	English oak	16	860	9.00	7.00	8.00	7.00	1.75	Mature	Good	Good	A1.2	10.3	334	n/a
T223	Ash	18	2 x 570	8.25	10.00	8.00	6.00	8.00	Mature	Poor	Fair	U	9.7	295	n/a
T224	English oak	13	800	9.00	6.75	7.00	4.50	4.00	Mature	Good	Good	A2	9.6	289	n/a
T225	English oak	14	500	8.00	3.00	8.00	7.25	1.50	Mature	Good	Good	A2	6.0	113	n/a
T226	English oak	14	650, 300	2.00	5.00	10.00	7.00	5.00	Mature	Good	Fair	A2	8.6	232	n/a
T227	English oak	18	800, 450	11.25	9.00	8.00	7.00	2.50	Mature	Good	Fair	A2	11.0	380	n/a
T228	Field maple	8	350, 200	4.00	3.00	3.00	1.50	1.50	Mature	Good	Fair	B2	4.8	72	n/a
T229	English oak	8	350		4.00			4.00	Early mature	Good	Good	B1.2	4.2	55	n/a
T230	English oak	20	800, 1100	11.00	10.00	11.00	11.50	2.50	Veteran	Good	Good	A1.2	15.0	707	18.75
T231	Ash	14	650	6.50	7.00	8.00	6.50	6.00	Mature	Poor	Poor	U	7.8	191	n/a
T232	English oak	11	450	5.00	6.00	5.00	5.25	4.00	Mature	Good	Good	B2	5.4	92	n/a
T233	Ash	13	400	6.00	2.00	5.00	6.00	3.00	Early mature	Poor	Poor	C1	4.8	72	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T234	English oak	15	600	8.00	7.00	8.00	5.00	3.00	Mature	Good	Good	B1.2	7.2	163	n/a
T235	English oak	15	500	8.00	6.00	4.00	8.00	4.00	Mature	Good	Good	B1.2	6.0	113	n/a
T236	Ash	13	350, 200		5.50			4.00	Early mature	Fair	Fair	C1	4.8	72	n/a
T237	English oak	13	480	6.00	5.00	5.00	8.00	2.75	Early mature	Good	Good	B1.2	5.8	104	n/a
T238	English oak	15	800	9.00	5.00	6.00	8.75	3.00	Mature	Good	Fair	B1.2	9.6	289	n/a
T239	English oak	6	275	5.00	6.00	1.00	2.00	3.00	Early mature	Fair	Fair	C1	3.3	34	n/a
T240	Ash	10	200, 100	4.00	3.00	2.00	3.50	4.00	Early mature	Poor	Poor	U	N/A	N/A	n/a
T241	Crack willow	19	1200	6.00	8.00	12.00	5.00	0.00	Mature	Fair	Poor	U	14.4	651	n/a
T242	English oak	17	880	6.00	8.00	8.00	7.50	6.00	Mature	Good	Good	A2	10.6	350	n/a
T243	English oak	17	450, 500	4.00	7.00	6.00	8.00	4.00	Mature	Fair	Fair	B2	8.1	206	n/a
T244	Ash	15	480	8.00	7.25	6.00	5.00	8.00	Mature	Fair	Fair	C1	5.8	104	n/a
T245	English oak	20	900	8.00	8.25	8.00	9.00	5.00	Mature	Good	Good	A2	10.8	366	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T246	English oak	14	650	4.00	5.75	8.50	9.00	2.00	Mature	Good	Fair	B1.2	7.8	191	n/a
T247	English oak	13	450	2.00	6.00	4.00	8.25	2.00	Mature	Good	Good	B2	5.4	92	n/a
T248	English oak	16	780	3.00	11.00	6.00	11.75	2.00	Mature	Good	Good	A2	9.4	275	n/a
T249	English oak	16	700	4.00	8.00	8.00	8.00	4.00	Mature	Good	Fair	A2	8.4	222	n/a
T250	English oak	10	500	3.00	7.75	7.00	3.00	4.00	Mature	Good	Fair	B2	6.0	113	n/a
T251	English oak	11	320	2.00	6.00	6.00	6.00	4.00	Early mature	Good	Good	B2	3.8	46	n/a
T252	English oak	18	900	10.00	8.00	9.00	8.00	4.00	Mature	Good	Good	A2	10.8	366	n/a
T253	Ash	18	500 x 3, 400	9.25	8.50	6.00	9.00	4.00	Veteran	Fair	Fair	B2	11.4	408	14.3
T254	English oak	20	880	6.00	10.50	2.00	10.00	2.00	Veteran	Good	Good	A2	10.6	350	13.2
T255	English oak	20	1200	5.00	12.50	12.00	11.00	2.50	Veteran	Good	Good	A2	14.4	651	n/a
T256	Field maple	8	500	4.00	5.00	5.00	3.00	3.00	Mature	Good	Good	B2	6.0	113	n/a
T257	English oak	20	1100	11.00	9.50	6.00	9.00	5.00	Veteran	Good	Good	A1.2	13.2	547	16.5

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
T258	English oak	20	1100	4.00	13.50	17.00	12.00	4.00	Veteran	Good	Good	A1.2	13.2	547	16.5
T259	English oak	18	870	9.00	10.00	7.00	9.00	4.00	Mature	Good	Good	A2	10.4	342	n/a
T260	English oak	18	1000	8.00	8.25	7.00	9.00	2.75	Veteran	Good	Good	A1.2	12.0	452	15
T261	Ash	17	580	5.00	6.00	7.00	6.00	6.00	Mature	Poor	Poor	U	n/a	n/a	n/a
T262	Ash	17	490	2.00	3.00	6.00	7.00	4.00	Mature	Poor	Poor	U	n/a	n/a	n/a
T263	English oak	18	880	7.00	9.50	10.50	9.00	3.00	Mature	Good	Good	A1.2	10.6	350	n/a
T264	English oak	9	300	2.00	5.75	5.00	3.00	4.00	Early mature	Good	Fair	B2	3.6	41	n/a
T265	Ash	9	9 x 250	6.50	7.00	6.50	7.00	4.50	Mature	Fair	Fair	B2	9.0	254	n/a
T266	Ash, elm	8	3 x 175		5.00			4.00	Early mature	Fair	Fair	C2	3.6	41	n/a
T267	Field maple	7	10 x 200	5.00	4.00	3.00	5.00	4.00	Mature	Good	Fair	B2	7.6	181	n/a
T268	Field maple	7	2 x 200		3.00			3.00	Early Mature	Fair	Fair	C1	3.4	36	n/a
G1	English Oak x 3	11m	2x 600 max	10.00	7.00	8.00	5.50	5.00	Mature	Fair	Fair	B1.2	10.2	327	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
G2	English Oak, Ash, Hawthorn, Silver Birch, Lawson Cypress	11m max	500 max	6.00 max into site				3.00 site	Early Mature to Mature	Fair	Fair	C1.2/B2	6.0	113	n/a
G3	Common Alder, Ash, Hawthorn, Hazel	13m max	2x 400, 2x 600 max, 350 ave	6.25 ave				6.00	Mature	Poor to Good	Poor to Good	C1.2/B2	n/a	n/a	n/a
G4	English Oak, Common Alder	13m ave	1200 max 450 ave	11.00 max 8.00 ave				4.00 ave	Mature	Good	Fair	B1.2	n/a	n/a	n/a
G5	English Oak, Ash, Scots Pine	13m	900 max	8.00 ave				3.00 ave	Early Mature to Mature	Fair to Good	Fair to Good	B1.2	n/a	n/a	n/a
G6	English Oak x 3	11m max	875 max	9.25 max into site				4.00 site	Mature	Good	Fair to Good	B1.2	n/a	n/a	n/a
G8	English Oak, Field Maple	7m max	250 ave	4.00 ave				4.00	Early Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G9	Leyland Cypress, Cherry	4m max	100 max	2.00 ave				0.00	Early Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G10	Leyland Cypress, Goat Willow, Hawthorn, Cherry, Ornamental shrubs	4m	100	1.00				0.00	Early Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G11	Field Maple x 2	8m	5x200 max	7.50 max				0.50	Mature	Fair	Fair	B2	n/a	n/a	n/a
G12	English Oak, Ash, understorey Hawthorn, Holly, Hazel	10m ave	400 max	3.50 ave				1.00 ave	Mature	Fair to Good	Fair to Good	B2	n/a	n/a	n/a
G13	Elm, Blackthorn, Hawthorn, Hazel	8m ave	200 ave	4.00 ave				1.00 ave	Young to Mature	Poor to Fair	Poor to Fair	C1.2	n/a	n/a	n/a
G14	Updated to individual trees														
G15	Updated to individual trees														
G16	Ash, Hazel, Blackthorn	7m	400 max	4.50				0.50	Mature	Good	Fair	B2	n/a	n/a	n/a
G17	Elm, Hawthorn, Blackthorn	8m ave	275 max	4.50 ave				2.50 ave	Early Mature	Poor to Fair	Poor to Fair	C1.2/B2	n/a	n/a	n/a
G18	Holly, Hawthorn, Hazel, Elm, Field maple	6m	200 ave	3.00 ave				1.00 ave	Mature	Fair to Good	Fair to Good	C1.2	n/a	n/a	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
G19	English Oak, Ash, Hawthorn, Hazel	6m	450 ave			6.00 ave		5.00 ave	Mature	Poor to Fair	Poor to Fair	C1.2/U	n/a	n/a	n/a
G20	Leyland Cypress, Raywood Ash, Yew, English Oak, Hazel, Holly, Hawthorn	8m ave	475 max 250 ave			4.00 ave		2.00 ave	Young to Mature	Fair	Fair	C1.2/B2	n/a	n/a	n/a
G21	Hazel, English Oak, Ash, Cherry	5m ave	475 max 250 ave			3.00 ave		1.00 ave	Early Mature to Mature	Fair	Fair	C1.2/B1.2	n/a	n/a	n/a
G22	English Oak	13m max	600 max			10.00 max		2.00 ave	Mature	Fair to Good	Fair to Good	B1.2	n/a	n/a	n/a
G22a	English Oak	17m	800	4.00	9.00	9.00	9.00	1.00 site	Mature	Good	Poor	B2	n/a	n/a	n/a
G23	English Oak x 3	4m	200 ave			3.00 ave		1.00 ave	Semi Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G24	Understory Blackthorn, Hawthorn	6 max	150 ave			2.00		0.00	Early Mature to Mature	Fair	Fair	C2	n/a	n/a	n/a
G25	Goat Willow, Ash, Hawthorn, Blackthorn, Hazel, Elm	5m	150			3.00 ave		0.00	Young to Mature	Poor to Fair	Poor to Fair	C1.2	n/a	n/a	n/a
G26	Ash, Blackthorn	5m	200 max			2.5 ave		0.00	Mature	Fair	Fair	C2	n/a	n/a	n/a
G27	Blackthorn, Hazel, Elm, Hawthorn, Goat Willow, Holly	4m ave	100 ave			2.00 ave		0.00	Early Mature to Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G28	Elm, Hawthorn, Hazel, Holly	8m ave	200 ave			2.50 ave		4.00 ave	Early Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G29	Goat Willow	9m ave	400 max			5.00 ave		0.00	Mature	Fair	Poor	C1.2	n/a	n/a	n/a
G30	Goat Willow, English Oak, Ash, Hawthorn	12m	400 ave			5.00 ave		3.00 ave	Young to Mature	Poor to Fair	Poor to Fair	B2	n/a	n/a	n/a
G31	Raywood Ash, Silver Birch, English Oak, Ash, Goat Willow, Grey Poplar	14m ave	600 max 500 ave			6.00 ave		3.00 ave	Young to Mature	Poor to Fair	Poor to Fair	B2	n/a	n/a	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
G32	Norway Spruce, Sumac, Holly, Goat Willow, Apple, Laurel, Cherry, Rowan, Elm, Hazel, English Oak	6m ave	250 ave 270, 350 max		4.00 ave			1.00 ave	Young to Mature	Poor to Fair	Poor to Fair	C1.2	n/a	n/a	n/a
G33	English Oak, Ash, Goat Willow, understorey Hazel, Elm, Goat Willow	13m trees ave 8m understorey	see plan		6.00 ave			3.00 ave	Young to Veteran	Fair to Good	Fair to Good	C1.2 B2/B1.2 A1.2/A1.2.3	n/a	n/a	n/a
G34	English Oak, Hawthorn, Goat Willow	13m	475 max		6.50 ave			3.00 ave	Mature	Fair	Fair	B1.2	n/a	n/a	n/a
G35	English Oak, Holly, Hawthorn	3-4m	100-200		3.00 ave			0.00	Semi Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G36	Blackthorn, English Oak, Hawthorn, Hazel	5m ave	75 ave		2.00 ave			0.00	Young to Early Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G37	English Oak, Ash	14m ave	600 max		72.00 ave into site			3.00 site	Mature	Fair to Good	Fair to Good	B1.2	n/a	n/a	n/a
G38	English Oak, Ash, understorey	16m max	1380 max		11.50 max			4.00 ave	Early Mature to Mature	Poor to Good	Poor to Good	U/C1.2/B2/A2	n/a	n/a	n/a
G39	Alder, Ash, English Oak, Goat Willow	15m ave	850 max (trees) 300 (understorey)		3.00 ave (understorey) 8.00 ave (trees)			0.00 understorey 3.00 trees	Young to Mature	Fair	Fair	B1.2	n/a	n/a	n/a
G40	English Oak, Ash, understorey Hawthorn, Hazel	18m max	750 max		10.00 max (trees)			2.50 ave trees	Mature	Good	Fair	A1.2	n/a	n/a	n/a
G41	Norway Spruce	12m max	275		4.50 max			3.00 ave	Early Mature	Fair	Fair	B2	n/a	n/a	n/a
G42	Hawthorn, Ash, Goat Willow, Dogwood	7m ave	150 ave		3.00 ave			2.50	Early Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G44	Fig, Cherry, various ornamentals	4m ave	150 ave		2.00 ave			2.00 ave	Early Mature	Good	Good	C1.2	n/a	n/a	n/a
G45	Goat Willow, Alder, Ash, English Oak, Hawthorn	11m ave	750 max 475 ave		6.00 ave			2.00 ave	Young to Mature	Poor to Fair	Poor to Fair	B2	n/a	n/a	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
G46	Ash	8m	200 max			3.00		4.00	Semi Mature	Poor	Poor	C1.2	n/a	n/a	n/a
G47	Ash x1, English x 2	16m max	860x2 max			9.00 max		4.00 ave	Mature	Poor to Fair	Fair	B1.2	n/a	n/a	n/a
G48	Hawthorn, Ash, Hazel, Goat Willow	7m ave	200 max			4.00 ave		3.00 ave	Young to Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G49	English Oak x 2	9m	720			5.00 ave (9.00 max to S of the tree to W)		4.00 ave	Mature	Poor to Fair	Poor to Fair	B2	n/a	n/a	n/a
G50	English Oak	15m max	800 max			8.50 max		4.00	Mature	Good	Good	A1.2	n/a	n/a	n/a
G51	Hawthorn, Blackthorn, English Oak	4m	75			2.00 ave		1.00 ave	Young to Mature	Poor to Fair	Poor to Fair	C1.2	n/a	n/a	n/a
G52	Alder	5m	280 max			4.00 ave		2.50 ave	Early Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G53	English Oak x 4, Hawthorn x 1	13m max 7m min	450, 500 max 500 ave 200 min			6.75 ave		4.25 ave	Mature	Good	Fair	B1.2	n/a	n/a	n/a
G54	English Oak x 2, Goat Willow x 1, Hazel, Hawthorn, Blackthorn	3m ave	400 max 200 ave			1.75 ave		0.00	Young to Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G55	Goat Willow, Hawthorn	7m	300			3.00 ave		1.50 ave	Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G56	Bay, Pear, Western Red Cedar, Ash, Lawson Cypress, Laurel	9m max 4m ave	300 max 150 ave			3.00 ave		1.00 ave	Early Mature to Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G57	Ash, Goat Willow, Sycamore, Hazel, Sumac, Magnolia	4m ave 9m max	300 max			3.00 ave		1.50 ave	Young to Mature	Poor to Fair	Poor to Fair	C1.2	n/a	n/a	n/a
G58	English Oak	18m ave	1400 max			12.00 ave		2.00 ave	Mature to Veteran	Fair to Good	Fair to Good	A1.2.3 / B2	n/a	n/a	n/a
G59	English Oak, Lime	18m max	1000 max			6.75 max		6.00 ave	Mature	Good	Good	A1.2	n/a	n/a	n/a
G60	Hybrid Black Poplar	18m max	350 max			5.50 ave		8.00 ave	Early Mature	Fair	Fair	B2	n/a	n/a	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
G61	Ash, English Oak, understory Hawthorn, English Oak, Plum, Hazel, Western Red Cedar	8-12m	500 max 200 ave		3.00 ave			3.00 ave	Young to Mature	Fair	Fair	C1.2/B2	n/a	n/a	n/a
G62	English Oak x 5, Beech x 2, Ash x 2	12m	500 max		5.50 max			3.00 ave	Young to Mature	Fair	Fair	B1.2	n/a	n/a	n/a
G63	English Oak x 3	14m max	1000 max		8.75 max			3.50 ave	Mature	Good	Good	A1.2	n/a	n/a	n/a
G64	Silver Maple, Ash, Sycamore, Leyland Cypress, Alder	10m ave	200 max		3.00 ave			2.00	Early Mature	Fair to Good	Fair to Good	B2	n/a	n/a	n/a
G65	Hawthorn, English Oak, Cherry	6m	250		3.00 ave			1.50	Early Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G66	Sycamore, Elm	10m	300 max		3.50 ave			3.00 ave	Early Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G67	Field Maple, Sycamore	8m	200		3.00 ave			3.50	Early Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G68	Crack Willow, Ash, Alder, English Oak	10m ave	350, 200 max		6.00 ave			2.00 ave	Mature	Poor to Fair	Poor to Fair	C1.2	n/a	n/a	n/a
G69	English Oak, Ash	14m	650 max		6.00 (S)			3.00	Mature	Good	Good	A1.2	n/a	n/a	n/a
G70	Swedish Whitebeam x 5	3-6m	340 max		3.00 ave			1.75	Early Mature	Fair	Fair	C1.2	n/a	n/a	n/a
G71	oak, ash, wild cherry, hazel	14m	280	5.00	5.00	5.00	5.00	1.00	earlier mature	Fair	Fair	C2	3.4	35	n/a
G72	hawthorn, hazel, holly	4m	180	2.00	2.00	2.00	2.00	0.00	Early Mature	Fair	Fair	C2	2.2	15	n/a
G73	Common Alder	15m	400	3.00	3.00	3.00	3.00	4.00	Mature	Dead	Fair	U	4.8	72	n/a
G74	Common Alder	14m	300	3.00	3.00	3.00	3.00	2.00	Mature	Dead	Poor	U	3.6	41	n/a
G75	Common Alder	14m	300	5.00	5.00	5.00	5.00	2.00	Mature	Poor	Poor	U	3.6	41	n/a
G76	Aspen	8m	346	3.50	3.50	3.50	3.50	3.00	Early Mature	Good	Fair	C2	4.2	54	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
G77	oak, ash	15m	400	7.00	7.00	7.00	7.00	4.00	Mature	Fair	Good	A2	4.8	72	n/a
G78	Elm, Holly, Hawthorn	11m	230	2.50	2.50	2.50	2.50	3.00	Early Mature	Fair	Good	C2	2.8	24	n/a
G79	Acer campestre (Field Maple), Crataegus monogyna (Hawthorn), Fraxinus excelsior (Ash), Quercus robur (Common Oak), Ulmus procera (English Elm)	15m	170	4.00	4.00	4.00	4.00	1.00	Early Mature	Good	Fair	B2	2.0	13	n/a
G80	Prunus laurocerasus (Cherry Laurel)	4m	100	As shown on plan				0.00	Early Mature	Good	Fair	C2	1.2	5	n/a
G81	Crataegus monogyna (Hawthorn), Fraxinus excelsior (Ash)	4m	50	As shown on plan	0	0	0	0.00	Early Mature	Fair	Fair	C2	.6	1	n/a
G82	Quercus robur (Common Oak)	15m	500	4.00	8.00	4.00	7.00	4.00	Mature	Good	Fair	A2	6.0	113	n/a
G83	Corylus avellana (Hazel), Crataegus monogyna (Hawthorn)	2m	50	As shown on plan	0	0	0	0.00	Mature	Poor	Poor	C2	.6	1	n/a
G84	Fraxinus excelsior (Ash), Crataegus monogyna (Hawthorn)	4m	75	As shown on plan	0	0	0	0.00	Mature	Fair	Fair	C2	.9	3	n/a
G85	Crataegus monogyna (Hawthorn)	2m	75	1.00	1.00	1.00	1.00	0.00	Mature	Fair	Poor	C2	.9	3	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
G86	Ulmus procera (English Elm), Fraxinus excelsior (Ash), Crataegus monogyna (Hawthorn)	13m	150	3.00	3.00	3.00	3.00	2.00	Mature	Good	Fair	B2	1.8	10	n/a
G87	Quercus robur (Common Oak), Crataegus monogyna (Hawthorn), Fraxinus excelsior (Ash)	13m	346	4.00	4.00	4.00	4.00	3.00	Mature	Fair	Fair	B2	4.2	54	n/a
G89	Acer campestre (Field Maple), Crataegus monogyna (Hawthorn), Fraxinus excelsior (Ash), Quercus robur (Common Oak), Ulmus procera (English Elm), Salix sp. (Willow), Betula pendula (Silver Birch)	15m	170	4.00	4.00	4.00	4.00	1.00	Early Mature	Good	Fair	B2	2.0	13	n/a
G90	Goat willow	4	100			2.00		1.00	Young	Good	Fair	C2	1.2	5	n/a
G91	Goat willow	5	200			2.50		0.50	Semi mature	Good	Good	C2	2.4	18	n/a
G92	Crack willow, goat willow	5	350			3.00		0.50	Mature	Good	Fair	C2	4.2	55	n/a
G93	English oak, ash	20	550			9.00		5.00	Mature	Fair to Good	Fair to Good	B2	6.6	137	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
G94	Elm	11	300			3.50		5.00	Early mature	Dead	Dead	U	3.6	41	n/a
G95	Ash, elm	6	150			2.00		1.00	Young	Poor	Poor	U	1.8	10	n/a
G96	Field maple	6	300			3.00		2.00	Mature	Good	Good	B2	3.6	41	n/a
G97	Ash, elm, field maple	8	200			3.00		2.00	Early mature	Poor	Poor	C1	2.4	18	n/a
G98	Ash	12	300			6.50		5.00	Early mature	Poor	Poor	U	3.6	41	n/a
G99	English oak	17	500			7.50		4.00	Mature	Good	Good	B2	6.0	113	n/a
G100	Elm	7	150			3.00		3.00	Semi mature	Dead	Dead	U	1.8	10	n/a
H1	Hawthorn, Ash, Elm, Field Maple, Dogwood	2-6m 2m ave	100 max			0.50		0.00	Early Mature to Mature	Fair	Fair	C1.2	1.2	5	n/a
H2	Hawthorn, Elm	2m	75			0.25		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H3	Blackthorn, Hawthorn, Goat Willow, Field Maple	1-4m	75			0.50		4.00, 2.00 ave	Mature	Fair	Fair	C1.2	.9	3	n/a
H4	Blackthorn, Hawthorn, Goat Willow, Field Maple	1-2m	75			0.50		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H5	Field Maple, Hawthorn, Blackthorn	2m	75			0.50		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H6	Ash, Leyland Cypress, Hazel	2-6m	200			3.00 ave		2.00 ave	Early Mature	Fair	Fair	C1.2	2.4	18	n/a
H7	Goat Willow	2m	75			0.50		0.00	Early Mature	Fair	Fair	C1.2	.9	3	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
H8	Hawthorn, Blackthorn	3m	75			0.50		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H9	Elm, Ash, Hawthorn	2m	100			1.00		0.00	Mature	Fair	Fair	C1.2	1.2	5	n/a
H10	Hazel, Elm, Goat Willow	2m	100 ave			0.25		0.00	Mature	Fair	Fair	C1.2	1.2	5	n/a
H11	Elm, Blackthorn, Plum	4m ave	100 ave			1.00		0.00	Early Mature to Mature	Poor to Fair	Poor to Fair	C1.2	1.2	5	n/a
H12	Elm, Hawthorn, Goat Willow, Hazel, Ash, Holly	3m ave	75 ave 250 max			0.50 ave 3.00 max		0.00	Young to Mature	Fair	Fair	C1.2	3.0	28	n/a
H13	Hazel, Blackthorn, Hawthorn	3m	100			2.00 ave		0.00	Mature	Fair	Fair	C1.2	1.2	5	n/a
H13	Hazel, Elm, Hawthorn	3m ave	100 ave			2.50 ave		0.00	Mature	Fair	Fair	C1.2	1.2	5	n/a
H15	Hazel, Elm, Blackthorn	3m ave	75			1.50 ave		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H16	Ash, Elm, Hawthorn, Field Maple	3m ave	75			1.00		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H17	Field Maple, Elm, Hawthorn	2-4m	75			1.00		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H18	Hawthorn	3m	75			1.50		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H19	Hawthorn, Field Maple, Elm, Blackthorn	2-3m	75			1.00		0.00	Young to Mature	Fair	Fair	C1.2	.9	3	n/a
H20	Lawson Cypress, Western Red Cedar	1m	75			1.00		0.00	Early Mature	Good	Good	C1.2	.9	3	n/a
H21	Hawthorn, Blackthorn, Hazel, Field Maple, Ash	1-2m	75			1.00		0.00	Young to Mature	Fair	Fair	C1.2	.9	3	n/a
H22	Hawthorn, Blackthorn, Hazel, Field Maple, Ash	1-2m	75			1.00		0.00	Young to Mature	Fair	Fair	C1.2	.9	3	n/a
H23	Blackthorn, Ash, Hawthorn, Field Maple, Elder								Removed.						
H24	Blackthorn, Ash, Hawthorn, Field Maple, Elder, Hazel	2m	75			1.50		0.00	Young to Mature	Fair	Fair	C1.2	.9	3	n/a
H25	Blackthorn	1m	75			0.50		0.00	Young	Fair	Fair	C1.2	.9	3	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
H26	Blackthorn, Ash, Hawthorn, Field Maple, Elder, English Oak	2m	75			1.50		0.00	Young to Mature	Fair	Fair	C1.2	.9	3	n/a
H27	Hazel, Hawthorn, Blackthorn, Holly	2m	75			1.00		0.00	Young to Mature	Fair	Fair	C1.2	.9	3	n/a
H28	Blackthorn, Ash, Hawthorn, Field Maple, Elder, English Oak, European Cranberry, Goat Willow, Hazel	2m	75			1.50		0.00	Young to Mature	Fair	Fair	C1.2	.9	3	n/a
H29	Blackthorn, Ash, Hawthorn, Field Maple, Elder, English Oak, Goat Willow, Hazel	2m	75			1.50		0.00	Young to Mature	Fair	Fair	C1.2	.9	3	n/a
H30	Blackthorn, Hazel, Alder, Field Maple	9m max	200 max			4.00 ave		1.00	Young to Mature	Good	Good	B2	2.4	18	n/a
H31	Blackthorn, Field Maple, Hawthorn	2m	75			1.50		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H32	Hawthorn, Blackthorn, Field Maple, Dogwood, Crab Apple	3m	75			1.00		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H33	Goat Willow, Hawthorn, English Oak, Blackthorn	4m	100			3.00		0.00	Young to Mature	Fair	Fair	C1.2	1.2	5	n/a
H34	Blackthorn, Hawthorn, Field Maple, English Oak, Hazel, Ash, Goat Willow	13m ave	75			1.00		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H35	Blackthorn, Hawthorn, Field Maple, English Oak, Hazel, Ash, Goat Willow	13m ave	75			1.00		0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H36	Goat Willow, Hawthorn	2m	75			1.50		0.00	Early Mature	Fair	Fair	C1.2	.9	3	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
H37	Blackthorn, Hawthorn, Field Maple, English Oak, Hazel, Ash, Goat Willow	13m ave	75		1.00			0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H38	Blackthorn, Hawthorn, Field Maple, English Oak, Hazel, Ash, Goat Willow	13m ave	75		1.00			0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H39	Blackthorn, Hawthorn, Field Maple, English Oak, Hazel, Ash, Goat Willow, Holly	13m ave	75		1.00			0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H40	Hawthorn, Blackthorn, Hazel, Goat Willow	2m	75		1.00			0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H41	Hawthorn, Blackthorn, Hazel	2m	75		1.00			0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H42	Hawthorn, Blackthorn, Hazel	2m	75		1.00			0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H43	Hawthorn, Blackthorn	2m	75		1.00			0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H44	Hawthorn, Blackthorn, Hazel	2m	75		0.75			0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H45	Hawthorn	4m	100		2.00 ave			2.00	Mature	Fair	Fair	C1.2	1.2	5	n/a
H46	Hawthorn, Hazel, Sycamore, Dogwood	2m	75		0.50			0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H47	Hazel, Sycamore, Blackthorn, English Oak	3m	100		1.50			0.00	Young to Mature	Fair	Fair	C1.2	1.2	5	n/a
H48	Field Maple, Hawthorn, Crack Willow, Ash, Elder, Blackthorn, Goat Willow	4m ave	100 ave		2.00 ave			0.00	Young to Mature	Fair	Fair	C1.2	1.2	5	n/a
H49	Hawthorn, Hazel	3m	100		2.00			0.00	Young to Mature	Fair	Fair	C1.2	1.2	5	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
H50	Hazel, Hawthorn, Goat Willow, Beech, Blackthorn, English Oak, Field Maple, Elm	4m	100		1.00			0.00	Mature	Fair	Fair	C1.2	1.2	5	n/a
H51	Blackthorn, Hazel, Hawthorn	2m	75		0.50			0.00	Mature	Fair	Fair	C1.2	.9	3	n/a
H52	Hawthorn	3m	75		0.50			0.00	Mature	Good	Fair	c2	.9	3	n/a
H53	Hawthorn, Blackthorn	2m	75	As Shown on plan				0.00	Early Matrue	Good	Fair	C2	.9	3	n/a
H54	Hawthorn	3m	75	As Shown on plan				0.00	Early Matrue	Good	Fair	C2	.9	3	n/a
H55	Prunus laurocerasus (Cherry Laurel)	2m	75	As Shown on plan				0.00	Mature	Good	Fair	C2	.9	3	n/a
H56	Crataegus monogyna (Hawthorn)	2m	51	As Shown on plan				0.00	Mature	Good	Fair	C2	.6	1	n/a
H57	Crataegus monogyna (Hawthorn)	2m	50	As Shown on plan				0.00	Early Mature	Poor	Fair	C2	.6	1	n/a
H58	Crataegus monogyna (Hawthorn)	2m	50	As Shown on plan				0.00	Mature	Good	Fair	C2	.6	1	n/a
H59	Crataegus monogyna (Hawthorn), Carpinus betulus (Hornbeam), Ilex aquifolium (Holly)	2m	50	As Shown on plan				0.00	Mature	Good	Fair	C2	.6	1	n/a
W1	Ash, Field Maple, English Oak, understorey Hazel, Hawthorn	16m ave	1200 max	8.00 ave				3.00 ave	Young to Mature	Fair to Good	Fair to Good	A1.2.3	n/a	n/a	n/a
W2	English Oak, Field Maple, Ash, Blackthorn, Sycamore	8-17m max	1200 max 300 ave	2.75 ave				4.00 ave	Young to Mature	Fair to Good	Fair to Good	A/B/C1.2.3 U	n/a	n/a	n/a
W3	English Oak, Ash, Goat Willow, Beech, understorey Hazel, Hawthorn, Holly, Field Maple	16m ave	75-700 max	8.00 max (trees) 4.00 (understorey)				2.00 ave 0.00 understorey	Young to Mature	Good	Good	A1.2.3	n/a	n/a	n/a

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	RPA Radius (m)	Root Protection Area (m2)	Veteran Tree Development Offset (m)
				N	E	S	W								
W4	English Oak, Alder, Ash, Norway Spruce, Field Maple, Holly, Hazel, Hawthorn, Blackthorn	16m	700 (trees) 200 ave (understorey)		10.00 max 8.00 ave			0.00 understorey 3.00 trees	Young to Mature	Good	Good	A1.2.3	n/a	n/a	n/a
W5	Alder, English Oak, Ash, understorey Hawthorn, Hazel, Blackthorn	16m	850 max		7.00 ave			4.75 (E)	Young to Mature	Good	Good	A1.2.3	n/a	n/a	n/a
W6	Ash, English Oak, Alder, understorey Goat Willow, Hazel, Hawthorn, Blackthorn, Holly	16m ave	750 max 500 ave		7.00 ave			4.50 ave	Young to Mature	Good	Good	A1.2.3	n/a	n/a	n/a
W7	English Oak, Ash, Alder, understorey Hawthorn, Hazel, Blackthorn	15m ave	750 max 500 ave		8.00 ave into site			2.50 ave	Young to Mature	Good	Good	A1.2.3	n/a	n/a	n/a
W8	English Oak, Beech, understorey Hazel, Silver Birch	15m ave	750 max		8.00 ave			1.75	Mature	Good	Good	A1.2.3	n/a	n/a	n/a

Appendix 4: Report Limitations

Limitations

- A4.1. The comments made are based on observable factors present at the time of inspection. Although the health and stability of trees in their current context is an integral part of their suitability for retention, it must be understood that this report is not a tree risk assessment and should not be construed as such. While every attempt has been made to provide a realistic and accurate assessment of the trees' condition at the time of inspection, it may have not been appropriate, or possible, to view all parts or all sides of every tree to fulfil the assessment criteria of a risk assessment.
- A4.2. No tree can be considered entirely safe, given the possibility that exceptionally strong winds could damage or uproot even a mechanically 'perfect' specimen. It is therefore usually accepted that hazards are only recognisable from distinct defects or from other failure-prone characteristics of the tree or the site. An assessment of the potential influence of trees upon existing buildings or other structures resulting from the effects of trees upon shrinkable load-bearing soils or the effects of incremental root or branch growth, are specifically excluded from this report.

Un-assessable Risks

- A4.3. Any alteration to the application site or development proposals could change the current circumstances and may invalidate this report and any recommendations made.
- A4.4. The Wildlife and Countryside Act (WCA) 1981 (as amended) makes it an offence to disturb nesting birds or recklessly endanger a bat or its roost. Bats are also a European protected species and are additionally protected under the Conservation (Habitats & c) Regulations 1994 and 2010 (as amended). The survey findings, constraints, opportunities and design or mitigation recommendations included within that report must be read alongside this document.
- A4.5. A lack of recommended work does not imply that a tree does not pose an unacceptable level of risk and likewise, it should not be implied that a tree will present an acceptable level of risk following the completion of any recommended work.



Plans:

Plan 1: Tree Constraints Plan (TCP), (11705/P01J)

Plan 2: Tree Removal and Protection Plan (TRPP), (11705/P32)



