



## ENVIRONMENT

Miller Homes Ltd, Vistry Group &  
Countryside Properties  
Blackmoorfoot Road  
Huddersfield  
Arboricultural Impact Assessment

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## 1. INTRODUCTION

### Introduction and Background

- 1.1 This report contains an Arboricultural Impact Assessment in support of an application for development on Blackmoorfoot Road, Huddersfield (hereafter referred to as 'the Site').
- 1.2 This report has been produced to provide supporting information for the proposed residential development of 700 residential dwellings, 70 extra care dwellings and a local centre. The scheme encompasses new access routes, services and hard and soft landscaping.
- 1.3 The proposed development plan is shown in the Tree Impact Plan (TIP) at Appendix 2. The associated Tree removals and retention plan is at Appendix 5.
- 1.4 Baseline tree surveys of the site in accordance with BS5837:2012 were carried out between November and December 2023. An additional localised survey in the northwestern corner of the site was completed in May 2024; both by Ross Gamblin (MArborA) and Ho Ming Mak (FdSc Arb), arboricultural consultants for BWB Ltd. The findings of the tree surveys are detailed at Appendix 3 of this report.
- 1.5 As part of these surveys the relevant qualitative tree data was recorded in order to assess the condition of the existing trees, their constraints upon the prospective development and the necessary mitigation protection and construction specifications required to allow their retention as a sustainable and integral part of the completed development. Information is given on condition, age, size and indicative positioning of all the trees, both on and affecting the site. This is in accordance with the British Standard 5837:2012 Trees in relation to design, demolition and construction – Recommendations.

### Objectives

- 1.6 The objectives of the report are to provide information and advice on potential conflicts between the existing trees on Site and the proposed development. The information contained in this assessment has been drawn from the current design layout; drawing ref: n2114\_008C Technical Planning Layout.

### Relevant Legislation and Policy

- 1.7 Town and Country Planning Act 1990

Paragraph 197 of the Town and Country Planning Act 1990 requires local planning authorities, when determining a development application, to have due regard for the protection and planting of trees. As such, trees are a material consideration in the planning process.

- 1.8 Nesting Birds Wildlife and Countryside Act 1981

All bird species are protected under the Wildlife and Countryside Act 1981 (as amended). This legislation prevents the killing or injuring of any bird or damaging or

destroying nests and eggs. Some species (including barn owl *Tyto alba*) are also listed under Schedule 1 of the Wildlife and Countryside Act 1981 (as amended). For Schedule 1 species, the intentional or reckless disturbance of the species on or near an active nest is prohibited.

#### 1.9 National Planning Policy Framework 2021

Paragraph 131 of the National Planning Policy Framework states that local planning authorities have a statutory duty to ensure existing trees are retained wherever possible and opportunities are taken elsewhere in the development to incorporate new tree planting.

## Trees Within the Site

1.10 The trees included within this survey comprised of the following:

- Three individual trees were classified as Category A – High Quality;
- One hundred and twenty-seven trees and/or groups were classified as Category B - Moderate quality;
- One hundred and sixty-four trees and groups were classified as Category C – low quality;
- Ten trees or tree groups were classified as Category U; Specimens deemed to be either declining, dead or dangerous.

1.11 A Tree Preservation Order (TPO) and Conservation Area check was carried out through Kirklees Council's **online interactive mapping service**<sup>1</sup> on 15<sup>th</sup> July 2024. Tree Preservation Order 04/21 applies to the trees listed below. Protected trees are marked in the Tree Survey Schedule and the Tree Constraints Plan with an asterix symbol e.g. (T1\*).

- T21- 04/21/t3
- T25- 04/21/t2
- T27- 04/21/t1
- T52- 04/21/t4
- T30, T31, T32, T33, T34, T35, T49, T50, W51, T112, T113, T114, T116, T117, T118, G119, G120 - 04/21/w2
- T57, T107, T108, T109, T110, G111 - 04/94/g3

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<sup>1</sup> <https://www.kirklees.gov.uk/beta/trees-listing-and-conservation/tree-preservation-orders.aspx>

## 2. ARBORICULTURAL IMPACT ASSESSMENT

### Introduction

- 2.1 The Arboricultural Impact Assessment will outline the potential impacts the development will have on the trees which are to be retained. Implications will be discussed in terms of below ground constraints and above ground constraints. Possible remedial actions will be proposed where the development impacts significantly on retained trees. The assessment also highlights those existing trees and/or groups of trees that will require removal to facilitate the scheme.

### Development Proposal

- 2.2 The proposal comprises the development of 700 residential dwellings, 70 extra care dwellings and a local centre. The scheme encompasses new access routes, services and hard and soft landscaping.

### Veteran and ancient trees

- 2.3 No Veteran and/ or ancient trees were identified within the site red line boundary (RLB) from data collected at the time of the tree surveys.

### Trees to be Retained

- 2.4 Trees to be retained for the proposed development are listed in table below:

Trees	Tree numbers
Individual trees to be retained	T21*, T25*, T27*, T28*, T29, T39, T40, T42, T43, T44, T45, T46, T47, T49*, T50*, T52*, T56, T57*, T107*, T108*, T109*, T110*, T112*, T113*, T114*, T116*, T117*, T118*, T155, T172, T234, T262, T264, T265, T276, T277, T278, T279, T280, T281, T282, T283, T284, T285, T286, T287, T288, T289, T290, T292, T293, T294, T295, T296, T297, T298, T299, T300, T301, T302, T303.
Tree groups to be retained	G1, G3, G22, G24, G36, G37, G48, G55, G111*, G261, G263, G266, G291, G304
Woodlands to be retained	W38

- 2.5 All trees, tree groups and woodlands retained on site must be suitably protected by fit for purpose tree protection measures for the duration of onsite works; details of which can be provided via discharge of planning conditions within an arboricultural method statement and tree protection plan.
- 2.6 All retained trees tree groups and woodlands RPAs should be always considered as a Construction Exclusion Zone before, during and after construction.

Trees to be Removed

- 2.7 The client's current Planning Layout ref: n2114\_008C Technical Planning Layout indicates the tree removals required to facilitate construction of the proposed development; these are listed in table below:

Trees	Tree numbers
Individual trees to be removed	T4, T6, T7, T8, T9, T10, T11, T12, T13, T14, T16, T17, T18, T19, T20, T26, T30*, T31*, T32*, T33*, T34*, T35*, T41, T53, T54, T58, T59, T60, T61, T62, T63, T64, T66, T68, T69, T70, T71, T72, T73, T74, T75, T76, T77, T78, T79, T80, T81, T82, T83, T84, T85, T86, T87, T88, T89, T90, T91, T92, T93, T94, T95, T96, T97, T98, T99, T100, T101, T102, T103, T104, T123, T124, T126, T127, T128, T129, T130, T131, T132, T133, T134, T141, T143, T144, T145, T147, T152, T153, T161, T164, T165, T166, T167, T168, T169, T173, T174, T175, T176, T177, T178, T179, T180, T183, T184, T189, T194, T195, T196, T199, T203, T204, T205, T207, T208, T212, T213, T216, T217, T222, T223, T224, T226, T230, T231, T232, T233, T235, T237, T238, T240, T241, T243, T244, T247, T248, T250, T251, T256, T257, T258, T259, T267, T269, T271, T272
Tree groups to be removed	G2, G5, G15, G23, G65, G67, G105, G115(Part-removal),G119*(part-removal),G120* (part-removal), G121, G125, G135, G136, G137, G138, G139, G140, G142, G146, G148, G149, G150, G151, G154, G156, G157, G158, G159, G162, G170, G171, G181, G182, G185, G186, G187, G188, G190, G191, G192, G193, G197, G198, G200, G201, G202,

	G206, G209, G210, G211, G214, G215, G218, G219, G220, G221, G225, G227, G228, G229, G236, G239, G242, G245, G246, G249, G252, G253, G254, G255, G270, G273, G274, G275
Woodlands to be removed	W51*(part removal), W160 (part removal) W163, W268
Shrubs to be removed	S260

- 2.8 The layout shows the partial removal of G115, G119, G120 and W51\* are required to facilitate the proposals. G115 will require part-removal to facilitate the planning layout. A small southern section of G119, partial removal is needed for visibility splay purposes for the main access located at the southeastern quarter of site. In the cases of both G120 and the TPO woodland W51\*, large sections of removal are required for the construction of a local centre and the **development's** main access point coming in from the southeast.
- 2.9 There are two main access' for the proposed development, the first is located on the southwestern side off Felk Stile Road and the second is located on the southeastern side of Blackmoorfoot Road. For visibility splay purposes G23, T30\*, T31\*, T32\*, T34\* and T35\* are to be fully removed.
- 2.10 T173, T174, T175 and T176 are to be removed to facilitate construction of a multi-use game area (MUGA), likewise T177 and T178 are to be removed for a neighbourhood equipped area for play (NEAP).
- 2.11 The southeast section of W160 a small area will need to be removed to facilitate a shared access road.
- 2.12 Finally, T20, T230, T231 and T233 due to the close proximity to an attenuation tank, the trees are to be removed to facilitate the installation of the attenuation tank.
- 2.13 T41 Category U tree identified to be removed, however due to the location of the tree being outside the development boundary it will remain situ
- 2.14 No other tree removal is proposed to facilitate construction of the development. However, if further tree removal or facilitative tree work are required at later stages of the project, the retained arboriculturist and LPA needs to be informed and consent received prior to any tree work commencement.

- 2.15 The proposed tree removals are extensive, including those covered by tree preservation order; Mitigation for tree removal can only be achieved through replacement tree planting, the client has prepared a comprehensive landscaping scheme for new and replacement at the drawing ref: GLY0043 MP 01 Landscape Masterplan.

#### Below Ground Constraints

##### Incursion into RPA for Ground Works

- 2.16 Following the facilitative tree removals, no incursion into RPA of retained trees has been identified.

##### Hard Surface Installation

- 2.17 Proposed pedestrian footpaths incurs upon the RPAs of following trees across the Site:
- T25\*, T27\*, T28\*, T52\*, Category A and B (Sycamore, Oak) at the southwestern corner of the Site. 20-30% incursions into RPA are anticipated in each case.
  - T262 Category C Ash, A 10% incursion into the western portion of the RPA anticipated.

- 2.18 Car parking spaces will incur upon the RPAs of following trees:

- T25\* Category A Sycamore, incursion into northeast section of RPA approx. >15%.

- 2.19 The installation of the main access route and construction of a local community centre at the southeastern side of the site will have an incursion into the RPA of the retained trees in G120 and W51\* after the identified portions have been removed.

- 2.20 Under no circumstance must excavation occur for the construction of a subbase within the RPA of retained trees. No dig construction methods utilising a load spreading structure such as 3D cellular confinement systems will be required to prevent excavation and prevent compaction of the existing soils.

- 2.21 Surfacing materials must be permeable to allow water and air to continue to move through the soil volume. Materials such as permeable tarmac, resin bound gravel and loose gravel are suitable surfacing treatments.

- 2.22 Edge construction must be through ground contact methods only and not require excavation for conventional pin kerb edging. Wooden board edging pinned in place with wooden pegs or pin kerbs sited in concrete haunching constructed over the load spreader are acceptable methods.

##### Soil Compaction within the RPA

- 2.23 All construction machinery and traffic must remain outside of retained trees RPAs and must not pass over unprotected soils within these areas. Compaction of soil reduces

oxygen and water movement through the soil which can lead to the suffocation and the eventual death of roots.

- 2.24 Fit for purpose barrier fencing will need to be erected to create a Construction Exclusion Zone (CEZ) to ensure no compaction of soil occurs within any unprotected retained trees RPA.

#### Ground Level Changes within the RPA

- 2.25 No information on ground level changes has been provided to date in order to inform this assessment.
- 2.26 Ground level changes must be prevented within the RPA of retained trees. Lowering of the ground will result in the loss of roots and must be avoided if at all possible.

#### Changes to Soil Condition

- 2.27 It is vital that current soil condition is maintained within the RPA. Effects on bulk density of the soil from construction activity and the quality of the soil can impact on the trees severely as the roots have adapted to the current conditions of the soil.

#### Underground Utility/Service Provision Installation

- 2.28 At present, the exact location of new underground services is unknown. It is recommended that services are routed into the site through the proposed new access following tree removal. All internal services should be positioned outside of the RPA of retained trees. There is sufficient space within the site, and following proposed tree removal, services can be routed outside of the RPA.
- 2.29 Where possible, it should be proposed to keep all services outside the RPA. Where this is not possible, trenchless installation should be the preferred option for service installation. However, if this is not feasible, any excavation must be carried out by hand in accordance with the guidance provided in the National Joint Utilities Guidance document NJUG 4.

#### Above Ground Constraints

#### Access Facilitation Pruning

- 2.30 Following the facilitative tree removals, it is not anticipated that significant facilitation pruning will be required. TPO protected Trees T21\*, T25\* and T27\* a light trim to the overhang on the northeastern canopies may be required to allow extra workspace to construct a footpath.
- 2.31 Tree pruning maybe apply to western canopies of TPO protected T52\* for the construction of the southwestern entrance.
- 2.32 Lateral reductions to T262 and G266; trees located along the east side of the red line boundary may require pruning to allow the footpath to be constructed.

2.33 At this stage, it is not envisaged that there will be further pruning required. Should any further pruning requirements be identified on site, the supervising arboriculturist and LPA must be notified prior to any pruning works occurring.

2.34 All pruning works must be in accordance with BS3998:2010 Tree Work Recommendations.

#### Construction Access and Activities

2.35 The proposed development has two constructions access'; the first access is from Felks Stile Road on the southwestern side and second access is from Blackmoorfoot Road on the southeastern side site boundary. Following tree removal and the erection of tree protection barriers it is not anticipated there will be further impact to retained trees through construction access.

2.36 Consideration should be included within an Arboricultural Method Statement for the storage of materials as accidental spillage may cause damage to the surrounding trees. Spillage kits and neutral emergency bunding aggregate should be appropriate to the amount of material stored on site i.e., fuel oil or liquid chemicals.

2.37 All site compounds, storage areas, cement mixing and washing points must be outside RPAs unless otherwise agreed with the Local Planning Authority.

#### Post Development Pressures

2.38 The discussed impacts and mitigation methods have been provided to allow an acceptable relationship between the development and retained trees; that will not cause future conflict and aim to reduce future pressures on tree stock

2.39 The processes of construction are unlikely to have a detrimental effect upon the health of the retained trees assuming recommendations made within this Arboricultural Impact Assessment and the subsequent Method Statement are adhered to at all times by the contractor e.g. the positioning of a suitable fence between the retained trees and construction activities prior to commencement of works and that the fence remains intact and in position throughout the duration of the project.

## APPENDICES

APPENDIX 1: Tree Constraints Plan

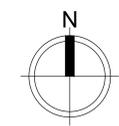
**Notes**

Do not scale off drawing - refer to the tree data schedule for accurate crown spread measurements.  
 Depictions of tree canopies are based on measurements taken to four cardinal compass points.  
 No liability of any kind is accepted for any omissions or inaccuracies in respect of this plan.  
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**Key**

-  **Trees**  
Showing Canopy extents, category colour and tag number (with category).
-  **Category A**  
Trees of high quality with an estimated remaining life expectancy of at least 40 years.
-  **Category B**  
Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.
-  **Category C**  
Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm.
-  **Category U**  
Trees in such a condition that they can not realistically be retained as living trees in the context of the current land use for longer than 10 years.
-  **Tree Groups**  
Shown as dashed centre/boundary line. Colour represents category (see above)
-  **BS 5837:2012 Root Protection Area**



Sheet 1 of 2

**Tree Assessment Plan**  
 Client: Miller Homes Ltd & Countryside Properties (UK) Ltd  
 Site/Project:

Blackmoorfoot Road, Huddersfield

Scale/Sheet	Date		
1:500 - A0	05/06/2024		
Drawing No	Rev	Drawn By	Checked By
4909-TCP	1	RG	JM

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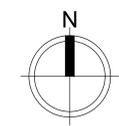
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**Tree Assessment Plan**

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Scale/Sheet	Date		
1:500 - A0	05/06/2024		
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## APPENDIX 2: Tree Impact Plan



## APPENDIX 3: Tree Survey Schedule



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G1	Betula pendula (Silver Birch), Pinus species	14	4	400	3.5	3.5	3.5	3.5	M	Offsite linear screening collective on golf course land. All mature significant trees providing visual screening	Retained	Good	Good	40+	B1	4.8
G2	Acer pseudoplatanus (Sycamore), Betula pendula (Silver Birch), Acer platanoides (Norway Maple), Crataegus monogyna (Hawthorn), Fraxinus excelsior (Ash)	12	0.5	400	6	6	6	6	E M	Established stand of mixed broadleaf species trees providing visual screening to the existing warehouses	Removed for development	Good	Good	40+	B1	4.8
G3	Sambucus nigra (Elder)	5	1	200	2.5	2.5	2.5	2.5	M	11 multi stemmed elders with static deadwood present. 1 fallen tree at west of group. Location of group is approximate as not shown on topo	Retained	Good	Fair	20+	B2	2.4
T4	Quercus robur (Common Oak)	12	1.5	391	3.5	4	4	4	S M	growing out base of wall. Twin stemmed from base	Removed for development	Good	Good	40+	B1	4.69
G5	Quercus robur (Common Oak), Ilex aquifolium (Holly)	9	0.5	380	3.5	4.5	5	2.5	S M	Poorly formed Oak and Holly Growing out from wall base	Removed for development	Good	Fair	40+	C2	4.56
T6	Quercus robur (Common Oak)	12	1	260	3.5	1	3.5	3	S M	Growing at base of wall. Upright habit. Good future potential	Removed for development	Good	Good	40+	B1	3.12
T7	Quercus robur (Common Oak)	12	1.5	308	3	3.5	3	3	S M	Growing at base of wall.	Removed for development	Good	Good	40+	B1	3.7
T8	Prunus avium (Wild Cherry)	9	1	170	2	2	2	1	E M	Growing at base of wall.	Removed for development	Good	Good	20+	C1	2.04



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T9	Sorbus aucuparia (Rowan)	5	1.5	248	1.5	2	1.5	1	S M	Growing at base of wall. Included bark present in fork.	Removed for development	Fair	Fair	20+	C1	2.98
T10	Quercus robur (Common Oak)	10	1	340	4	4	4	4	S M	Growing at base of wall.	Removed for development	Good	Good	40+	B1	4.08
T11	Sorbus aria (Whitebeam)	6	1	268	1.5	1.5	1.5	1.5	E M	Growing at base of wall.	Removed for development	Good	Good	40+	C2	3.22
T12	Prunus avium (Wild Cherry)	14	1.5	280	3.5	1.5	3	3.5	S M	Included bark present in fork. Poor resulting form	Removed for development	Fair	Fair	40+	C1	3.36
T13	Quercus robur (Common Oak)	14	1	568	7	4	6	4.5	S M	Fair overall form. Multistemmed at base	Removed for development	Good	Good	40+	B2	6.82
T14	Sorbus aucuparia (Rowan)	7	1	360	2.5	2.5	2.5	2	M	Growing at base of wall. Epicomic growth on tree	Removed for development	Good	Good	10+	C1	4.32
G15	Sambucus nigra (Elder), Crataegus monogyna (Hawthorn)	6	0.5	405	2.5	2.5	2.5	2.5	M	Growing at base of wall.	Removed for development	Fair	Good	20+	B2	4.86
T16	Sambucus nigra (Elder)	5	1	244	1.5	1.5	1.5	1.5	M	Growing at base of wall.	Removed for development	Fair	Good	10+	C1	2.93
T17	Quercus robur (Common Oak)	13	3	492	5	5.5	5.5	5	S M	Growing at base of wall. Included bark present in fork. Dropped branch at base of the tree	Removed for development	Good	Good	40+	B2	5.9
T18	Quercus robur (Common Oak)	11	1.5	364	4.5	5.5	4.5	1.5	S M	Growing at base of wall. Stem divides at ground level.	Removed for development	Good	Good	40+	B1	4.37
T19	Quercus robur (Common Oak)	13	2	440	4.5	4.5	4.5	4.5	S M		Removed for development	Good	Good	40+	B1	5.28
T20	Sorbus aucuparia (Rowan)	6.5	1.5	206	2	2	2	2	S M	Superficial damage found at base of the tree. Location approximate - Not on topo	Removed for installation of attenuation tank	Fair	Good	20+	C1	2.47



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T21*	Acer pseudoplatanus (Sycamore)	16	1.5	700	7	7	7	7	M	Growing close to boundary wall. TPO	Retained	Good	Good	40+	B1	8.4
G22	Fraxinus excelsior (Ash), Alnus glutinosa (Common Alder), Acer pseudoplatanus (Sycamore)	12	1	350	3	3	3	3	S M	Growing at base of wall. High sided vehicles have historically caught side of branch on roadside	Retained	Good	Good	40+	B2	4.2
G23	Acer pseudoplatanus (Sycamore), Fraxinus excelsior (Ash), Alnus glutinosa (Common Alder)	8	1	150	3.5	3.5	3.5	3.5	S M	Growing at base of wall. Self-set linear collective	Removed for development	Good	Good	10+	C1	1.8
G24	Acer pseudoplatanus (Sycamore), Alnus glutinosa (Common Alder), Fraxinus excelsior (Ash), Quercus robur (Common Oak)	14	1	400	5	5	5	5	E M	Growing at base of wall. 8th tree from south is an Ash with a snapped- out top. Linear screening collective lining road	Retained	Good	Good	40+	B2	4.8
T25*	Acer pseudoplatanus (Sycamore)	18	1.5	700	5.5	5	6.5	6.5	M	Good overall tree. Location approximate - Not recorded on topo. TPO	Retained	Good	Good	40+	A2	8.4
T26	Acer pseudoplatanus (Sycamore)	13	2	320	3.5	4.5	3.5	4	S M	Suppressed by neighbouring trees. Old basal damage. Location approximate - Not recorded on topo.	Removed for development	Good	Good	40+	B1	3.84
T27*	Acer pseudoplatanus (Sycamore)	18	2.5	610	7.5	7.5	7.5	7.5	M	Good overall form. Location approximate - Not recorded on topo. TPO	Retained	Good	Good	40+	A2	7.32



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T28	Acer pseudoplatanus (Sycamore)	12	3.5	480	3.5	4.5	4.5	5	M	Epicormics on stem. Cavity on north side at around 4.5m. Location approximate - Not recorded on topo.	Retained	Good	Good	40+	B2	5.76
T29	Salix caprea (Goat Willow)	8	0.5	250	2.5	2.5	2.5	2.5	S M		Retained	Good	Good	20+	C1	3
T30*	Acer pseudoplatanus (Sycamore)	18	2	589	7	7	7	6	M	Stem divides below 1.5m.Minor dead wood in crown. TPO	Removed for southeast main access	Good	Good	40+	B2	7.07
T31*	Acer pseudoplatanus (Sycamore)	18	3	814	7.5	6.5	7.5	6.5	M	Stem divides below 1.5m. TPO	Removed for southeast main access	Good	Good	40+	B1	9.77
T32*	Acer pseudoplatanus (Sycamore)	18	0.5	540	6	6	6	7	M	Epicormics on stem. Multiple stems at ground level. Crown bias to south Deadwood present on tree. TPO	Removed for southeast main access	Good	Good	40+	B2	6.48
T33*	Acer pseudoplatanus (Sycamore)	19	2	1254	8	8	6	8	M	Epicormics on stem. Multiple stems below 1.5m.East branch touching street lamp. TPO	Removed for southeast main access	Good	Good	40+	B2	15
T34*	Salix caprea (Goat Willow)	14	1	472	2.5	6.5	6	6	M	Leaning South-East. Tree biased to roadside. TPO	Removed for southeast main access	Good	Good	20+	B2	5.66
T35*	Salix caprea (Goat Willow)	12	1.5	460	2	4.5	5.5	5	M	Deadwood present on main stem Minor lean main stem towards the south Previous root displacement but now stable. TPO	Removed for southeast main access	Good	Fair	20+	B2	5.52
G36	Pinus sylvestris (Scots Pine),Betula pendula (Silver Birch)	14	3	400	3.5	3.5	3.5	3.5	S M		Retained	Good	Good	40+	B2	4.8



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G37	Betula pendula (Silver Birch), Pinus sylvestris (Scots Pine)	12	3	400	4	4	4	4	S M		Retained	Good	Good	40+	B2	4.8
W38	Quercus robur (Common Oak), Betula pendula (Silver Birch), Sambucus nigra (Elder), Fraxinus excelsior (Ash), Crataegus monogyna (Hawthorn)	14	0	250	2.5	2.5	2.5	2.5	S M	Extensive woodland belt running E to W along N of site, lining drop off in levels. Mainly oak and birch at W side, more species diversity at E. Some infrequent hawthorn and ash.	Monitor condition of Ash for Chalara Ash dieback in summer months	Good	Good	40+	B2	3
T39	Salix caprea (Goat Willow)	7	0	615	5	5	8	3	E M	Secondary scaffold limb historically fallen S and resting at angle on ground, now stable and showing redirected apical growth	Retained	Fair	Fair	40+	B2	7.38
T40	Salix caprea (Goat Willow)	8	1.5	460	3.5	3.5	4	4	S M	Single standing stem with smaller scaffold limb historically torn off and leaning to S. Old wound showing superficial heartwood decay. Minor deadwood	Retained	Good	Fair	40+	C1	5.52
T41	Salix caprea (Goat Willow)	5	1	330	3.5	3.5	3.5	3.5	E M	Crown offset from base to S. Main stem rotted/hollowed out. Minor deadwood on S side	Removed for development	Fair	Poor	10+	U	3.96
T42	Sambucus nigra (Elder)	3.5	0	180	1.5	2.5	2.5	2	E M	Multitemmed at base, lining cliff edge	Retained	Fair	Good	40+	C2	2.16



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T43	Sorbus aria (Whitebeam)	9	1.5	741	4.5	4.5	4.5	3.5	E M	Stout in form, a few tight stem unions but otherwise well structured	Retained	Good	Good	40+	B2	8.89
T44	Fraxinus excelsior (Ash)	14	1	610	6	5.5	6	5.5	E M	Trifurcated at base. Potential early symptoms of ash dieback, wide spreading crown. Minor crown thinning evident	Retained	Fair	Good	20+	B2	7.32
T45	Quercus robur (Common Oak)	10	1	270	3.5	2	2.5	2	S M		Retained	Good	Good	40+	B1	3.24
T46	Acer pseudoplatanus (Sycamore)	14	1.5	590	5	5.5	5	5.5	S M	Bifurcated at base with included bark union	Retained	Fair	Fair	40+	B2	7.08
T47	Salix caprea (Goat Willow)	11	1.5	691	6.5	6.5	6.5	7	E M	Multistemmed from base, wide spreading habit	Retained	Fair	Good	40+	C1	8.29
G48	Betula pendula (Silver Birch), Pinus species	14	4	400	3.5	3.5	3.5	3.5	M	Offsite linear screening collective on golf course land. All mature significant trees providing visual screening	Retained	Good	Good	40+	B1	4.8
T49*	Acer platanoides (Norway Maple)	11	1	388	4	5	4	4	S M	Trifurcated at base and abutting low rise boundary wall. TPO	Retained	Good	Good	40+	B2	4.66



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					N	E	S	W								
T50*	Quercus robur (Common Oak)	14	1	500	5	6	5	5	S M	DBH estimated due to lack of access. Largest and highest quality specimen along western edge of wider woodland block. Prominent tree along lesser quality backdrop. TPO	Retained	Good	Good	40+	B1	6
W51*	Salix caprea (Goat Willow), Crataegus monogyna (Hawthorn), Acer pseudoplatanus (Sycamore), Quercus robur (Common Oak), Betula pendula (Silver Birch)	15	0	400	3.5	3.5	3.5	3.5	S M	Woodland block on raised levels above S road. Most trees multitemmed and have been left unmanaged. Any trees of particular remark have been recorded individually Crowns of some trees along S edge bordering road and beginning to conflict with street lamps and or telegraph lines. TPO	Part removal to facilitate development southeast main access	Good	Good	40+	B2	4.8
T52*	Acer pseudoplatanus (Sycamore)	16	3	644	4	4	6	7	M	Dense basal growth, bifurcated from 1.2m with eccentric form and W bias over bus stop. Evidence of historical limb losses on W side over road, Minor reduction in annual shoot extensions. TPO	Retained	Good	Good	40+	B2	7.73



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T53	Acer pseudoplatanus (Sycamore)	17	3	446	5.5	5	3	5	S M	Stem divides below 1.5m. Included bark basal union but tree is upright in habit and relatively well sheltered	Removed for southwestern access	Fair	Fair	40+	B2	5.35
T54	Quercus robur (Common Oak)	16	1.5	460	7	7	3	7	E M	Low crown over grass, minor deadwood, reasonable overall form	Removed for southwestern access	Good	Good	40+	B1	5.52
G55	Betula pendula (Silver Birch), Pinus species	14	4	400	3.5	3.5	3.5	3.5	M	Offsite linear screening collective on golf course land. All mature significant trees providing visual screening	Retained	Good	Good	40+	B1	4.8
T56	Acer pseudoplatanus (Sycamore)	14	2	424	4	4	4	4	E M	Offsite bifurcated tree	Retained	Good	Good	40+	B1	5.09
T57*	Acer pseudoplatanus (Sycamore)	16	2.5	400	2	4	6	6	M	DBH estimated as base/stem not fully accessible. Deadwood present on stem. TPO	Retained	Good	Good	40+	B1	4.8
T58	Prunus species	2.5		180	1	2	2	2	S M	Reduced leaf size and annual shoot extensions.	Removed for development	Fair	Good	10+	C1	2.16
T59	Alnus glutinosa (Common Alder)	17	1.5	350	5.5	4.5	2	5.5	M	Part of linear group. Main stem posing slight lean towards north Suppressed by neighbouring trees, crown bias towards north	Removed for development	Good	Fair	40+	B1	4.2



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T60	Alnus glutinosa (Common Alder)	17	1.5	360	5	4	2	2.5	M	Part of linear group. Growing in a line of trees, suppressed by neighbouring trees Crown bias towards NE	Removed for development	Good	Good	20+	B1	4.32
T61	Alnus glutinosa (Common Alder)	17	1.5	358	3	2	2	5	M	Part of linear group. Stem divides below 1.5m.Stem on the East has snapped off around 2.5m high West stem poses Crown flag towards West	Removed for development	Fair	Fair	20+	B1	4.3
T62	Alnus glutinosa (Common Alder)	17	1	460	4	7	5	3	M	Part of linear group. Crown Flag towards NE	Removed for development	Good	Good	40+	B1	5.52
T63	Alnus glutinosa (Common Alder)	18	1.5	490	3	2.5	5	5	M	Part of linear group. Unbalanced crown shape. Crown distorted due to group pressure. Crown flag towards SW	Removed for development	Good	Good	40+	B1	5.88
T64	Prunus avium (Wild Cherry)	13	0.5	353	4.5	6.5	4.5	5	M	Part of linear group. Stem divides below 1.5m.	Removed for development	Good	Good	20+	B1	4.24
G65	Betula pendula (Silver Birch),Prunus avium (Wild Cherry),Acer pseudoplatanus (Sycamore),Sorbus aucuparia (Rowan),Sorbus torminalis (Wild Service Tree)	14	0.5	350	3	4.5	4.5	5	S M	Part of linear group. Trees use as a visual barrier to cover buildings	Removed for development	Good	Good	20+	B1	4.2



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T66	Prunus avium (Wild Cherry)	14	0.5	380	5	7	6	5	M	Part of linear group. Big limb growing out towards East	Removed for development	Good	Good	20+	B1	4.56
G67	Betula pendula (Silver Birch), Alnus glutinosa (Common Alder), Acer pseudoplatanus (Sycamore), Fraxinus excelsior (Ash)	14	0.5	410	4	4	4	4	S M	Linear group	Removed for development	Good	Good	40+	B1	4.92
T68	Acer pseudoplatanus (Sycamore)	13	0.5	576	2.5	4	4.5	4	S M	Part of linear group. Suckers around stem base. Multiple stems below 1.5m. Broken stem on North at base of tree	Removed for development	Fair	Fair	20+	C1	6.91
T69	Acer pseudoplatanus (Sycamore)	14	0.5	572	4	4	4	4	S M	Part of linear group. Multiple stems below 1.5m.	Removed for development	Fair	Fair	20+	B1	6.86
T70	Acer pseudoplatanus (Sycamore)	14	0.5	455	4	4	4	4	S M	Part of linear group. Multiple stems below 1.5m.	Removed for development	Fair	Fair	20+	B1	5.46
T71	Acer pseudoplatanus (Sycamore)	14	0.5	663	5	5	5	5	S M	Part of linear group. Multiple stems below 1.5m.	Removed for development	Fair	Fair	20+	B1	7.96
T72	Salix caprea (Goat Willow)	6	0.5	277	2.5	2.5	2.5	2.5	S M	Part of linear group. Stem divides below 1.5m.	Removed for development	Fair	Fair	20+	C1	3.32
T73	Acer pseudoplatanus (Sycamore)	14	0.5	627	5	5	5	5	S M	Multiple stems below 1.5m. Included bark present in fork.	Removed for development	Good	Good	40+	B1	7.52
T74	Acer pseudoplatanus (Sycamore)	14	0.5	389	3.5	3.5	3.5	3.5	S M	Stem divides below 1.5m.	Removed for development	Good	Good	40+	B1	4.67



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					N	E	S	W								
T75	Acer pseudoplatanus (Sycamore)	14	0.5	687	5	5	5	5	S M	Stem divides below 1.5m. Included bark present in fork. Deadwood on stem	Removed for development	Good	Good	40+	B1	8.24
T76	Acer pseudoplatanus (Sycamore)	14	0.5	590	4	4	4	4	S M	Multiple stems below 1.5m. Stem on the West is damaged at base	Removed for development	Good	Good	40+	B1	7.08
T77	Acer pseudoplatanus (Sycamore)	14	0.5	391	4	2	2.5	4.5	S M	Multiple stems below 1.5m. Included bark present in fork. Dead wood present on stem	Removed for development	Good	Good	40+	C1	4.69
T78	Acer pseudoplatanus (Sycamore)	14	0.5	690	5	5.5	5.5	5	S M	Multiple stems below 1.5m. Included bark present in fork. Dead wood present on stem	Removed for development	Good	Good	40+	B1	8.28
T79	Acer pseudoplatanus (Sycamore)	14	0.5	683	3	4.5	4	4	S M	Multiple stems below 1.5m. Included bark present in fork. Dead wood present on stem	Removed for development	Good	Good	40+	B1	8.2
T80	Acer pseudoplatanus (Sycamore)	14	0.5	434	3	3	3	3	S M	Multiple stems below 1.5m. Included bark present in fork. Dead wood present on stem	Removed for development	Good	Good	40+	B1	5.21
T81	Acer pseudoplatanus (Sycamore)	17	0.5	570	5.5	5.5	5.5	5.5	M	Multiple stems below 1.5m. Dead wood present on stem	Removed for development	Good	Good	40+	B1	6.84
T82	Acer pseudoplatanus (Sycamore)	17	0.5	513	2.5	5.5	6	4.5	M	Multiple stems below 1.5m. Dead wood present on stem	Removed for development	Good	Good	40+	B1	6.16



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T83	Acer pseudoplatanus (Sycamore)	14	0.5	447	2	3.5	5.5	4.5	S M	Suckers around stem base. Multiple stems below 1.5m. Included bark present in fork. Dead wood present on stem	Removed for development	Good	Good	40+	B1	5.36
T84	Acer pseudoplatanus (Sycamore)	14	0.5	544	2	4.5	6	4.5	S M	Suckers around stem base. Multiple stems below 1.5m. Included bark present in fork. Dead wood present on stem	Removed for development	Good	Good	40+	B1	6.53
T85	Acer pseudoplatanus (Sycamore)	14	0.5	420	2	3	4.5	4	S M	Multiple stems below 1.5m. Included bark present in fork. Dead wood present on stem, stem on east fell at 1m high	Removed for development	Good	Good	40+	B1	5.04
T86	Acer pseudoplatanus (Sycamore)	5	0.5	420	1.5	1.5	1.5	1.5	S M	Suckers around stem base. Multiple stems below 1.5m. All 4 stems historically cut at around 0.5m Suckers regenerating at base	Removed for development	Poor	Poor	10+	U	5.04
T87	Acer pseudoplatanus (Sycamore)	14	0.5	574	4.5	4.5	4.5	4.5	S M	Suckers around stem base. Multiple stems below 1.5m. Included bark present in fork. Deadwood present on stem	Removed for development	Good	Good	40+	B1	6.89
T88	Acer pseudoplatanus (Sycamore)	14	0.5	545	4.5	5.5	4.5	4	S M	Suckers around stem base. Multiple stems below 1.5m. Deadwood present on stem	Removed for development	Good	Good	40+	B1	6.54



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T89	Acer pseudoplatanus (Sycamore)	14	0.5	489	4.5	5.5	4.5	4	M	Stem divides below 1.5m. Deadwood present on stem	Removed for development	Good	Good	40+	B1	5.87
T90	Acer pseudoplatanus (Sycamore)	8.5	0.5	210	2	2	2	2	E M	Deadwood present on stem	Removed for development	Good	Good	40+	B1	2.52
T91	Acer pseudoplatanus (Sycamore)	7	0.5	210	1.5	1.5	1.5	1.5	E M	Deadwood present on stem	Removed for development	Good	Good	40+	B1	2.52
T92	Salix caprea (Goat Willow)	14	0.5	540	4	6	6	5.5	M	Suckers around stem base. Small snapped branch on West Side	Removed for development	Good	Good	20+	B1	6.48
T93	Salix caprea (Goat Willow)	10	0.5	387	3	4.5	4.5	1	M	Suckers around stem base. Multiple stems at ground level. Two main stems fallen at ground level	Removed for development	Poor	Poor	10+	U	4.64
T94	Salix caprea (Goat Willow)	11	0	747	8	6	8	6	M	Suckers around stem base. Multiple stems at ground level. Included bark present in fork. Snapped branch at base of tree	Removed for development	Good	Good	40+	B1	8.96
T95	Salix caprea (Goat Willow)	13	0	380	3	3	3	3	M	Suppressed by neighbouring trees	Removed for development	Good	Good	40+	B1	4.56
T96	Salix caprea (Goat Willow)	12	0	591	2	4.5	6.5	4.5	M	Leaning South. Stem divides at ground level. Deadwood present on stem	Removed for development	Good	Good	40+	B1	7.09
T97	Salix caprea (Goat Willow)	12	0	490	2	4.5	7	4.5	M	Leaning South. Deadwood present on stem	Removed for development	Good	Good	40+	B1	5.88



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T98	Salix caprea (Goat Willow)	12	0	718	4.5	4.5	4.5	4.5	M	Decay present on stem. Suckers around stem base. Multiple stems at ground level. Deadwood present on stem, Signs of damage at base	Removed for development	Good	Good	40+	B3	8.62
T99	Salix caprea (Goat Willow)	11	0	742	5	5	5	5	M	Decay present on stem. Suckers around stem base. Multiple stems at ground level. Deadwood present on stem Signs of damage at base	Removed for development	Good	Good	40+	B1	8.9
T100	Salix caprea (Goat Willow)	13	0	646	5	5	5	3	M	Decay present on stem. Suckers around stem base. Stem divides below 1.5m. Deadwood present on stem, Signs of damage at base	Removed for development	Fair	Fair	40+	C1	7.75
T101	Salix caprea (Goat Willow)	11	0	512	3	2	4.5	5	M	Multiple stems at ground level. Deadwood present on stem Signs of damage at base	Removed for development	Fair	Fair	40+	C1	6.14
T102	Salix caprea (Goat Willow)	11	0	347	3	3	4	3	M	Stem divides at ground level. Deadwood present on stem	Removed for development	Fair	Fair	40+	C1	4.16
T103	Salix caprea (Goat Willow)	11	0	333	3	4	2	2	M	Stem divides at ground level. Stem divides below 1.5m. Deadwood present on stem Branch fallen on North side	Removed for development	Fair	Fair	40+	C1	4



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T104	Salix caprea (Goat Willow)	11	0	738	5	5	5	5	M	Suckers around stem base. Multiple stems at ground level. Included bark present in fork. Deadwood present on stem	Removed for development	Good	Fair	20+	C1	8.86
G105	Acer pseudoplatanus (Sycamore), Betula pendula (Silver Birch), Salix caprea (Goat Willow), Crataegus monogyna (Hawthorn), Sorbus aucuparia (Rowan)	11	0.5	250	3	3	3	3	S M	Self-seeded trees in large mature mixed stand. Some large individuals within. Suckers around stem base. Deadwood present on most trees	Removed for development	Good	Good	20+	B2	3
T107*	Acer pseudoplatanus (Sycamore)	16	2.5	472	2	4	6	6	M	DBH estimated as base/stem not fully accessible. Epicormics on stem. Stem divides below 1.5m. Lots of Deadwood present on stem large branch over hanging entrance. TPO	Retained	Poor	Fair	10+	C1	5.66
T108*	Acer pseudoplatanus (Sycamore)	16	3	400	4.5	4.5	4.5	4.5	M	DBH estimated as base/stem not fully accessible. Epicormics on stem. Deadwood present on stem. TPO	Retained	Good	Good	40+	B1	4.8
T109*	Acer pseudoplatanus (Sycamore)	16	2.5	778	6.5	6.5	6.5	6.5	M	DBH estimated as base/stem not fully accessible. Epicormics on stem. Stem divides below 1.5m. Deadwood present on stem. TPO	Retained	Good	Good	40+	B1	9.34

No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T110*	Pinus species	16	2	450	4	4	4	4	M	DBH estimated as base/stem not fully accessible. TPO	Retained	Good	Good	40+	B1	5.4
G111*	Acer pseudoplatanus (Sycamore), Betula pendula (Silver Birch), Crataegus monogyna (Hawthorn), Sorbus aucuparia (Rowan)	12	1.5	300	3	3	3	3	S M	DBH estimated as base/stem not fully accessible. One dead sorbus present next to the pine. TPO	Retained	Good	Good	20+	B2	3.6
T112*	Acer pseudoplatanus (Sycamore)	17	2	430	2	4.5	5	3	M	Epicormics on stem. Suckers around stem base. Deadwood present on tree Growing close to wall. TPO	Retained	Fair	Good	40+	B1	5.16
T113*	Acer pseudoplatanus (Sycamore)	17	2	605	5	2	4.5	4.5	M	Suckers around stem base. Stem divides below 1.5m. Included bark present in fork. Deadwood present on tree Growing close to wall. TPO	Retained	Good	Good	40+	B1	7.26
T114*	Acer pseudoplatanus (Sycamore)	17	2	430	5	4	5.5	3	M	Deadwood present on tree Growing close to wall. TPO	Retained	Good	Good	40+	B1	5.16
G115	Chamaecyparis lawsoniana (Lawson Cypress)	14	0.5	500	3	3	3	3	M	Part of linear group. TPO	Part removal to facilitate development	Good	Good	20+	B1	6
T116*	Salix caprea (Goat Willow)	12	0.5	512	5.5	4	3	4.5	M	Unable to inspect stem due to undergrowth. Multiple stems at ground level. TPO	Retained	Good	Good	20+	B2	6.14



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T117*	Salix caprea (Goat Willow)	12	0.5	749	5.5	5	5	4	M	Unable to inspect stem due to undergrowth. Multiple stems at ground level. Included bark present in fork. Deadwood present. TPO	Retained	Good	Good	20+	B2	8.99
T118*	Salix caprea (Goat Willow)	12	0.5	653	5.5	5	5	4	M	Unable to inspect stem due to undergrowth. Stem divides at ground level. Deadwood present. TPO	Retained	Good	Good	20+	B2	7.84
G119*	Ilex aquifolium (Holly), Prunus laurocerasus (Cherry Laurel), Salix caprea (Goat Willow), Pinus species	12	0	400	4	2	4	4	M	Unable to inspect stem due to undergrowth. species inside laurel. TPO	Part removal to facilitate development	Good	Good	20+	B2	4.8
G120*	Betula pendula (Silver Birch), Acer pseudoplatanus (Sycamore), Salix caprea (Goat Willow)	14	0.5	400	4	4	4	4	E M	DBH estimated as base/stem not fully accessible. Part of a woodland area. TPO	Part removal to facilitate development	Good	Good	40+	B1	4.8
G121	Betula pendula (Silver Birch), Acer pseudoplatanus (Sycamore), Salix caprea (Goat Willow)	14	0.5	400	4	4	4	4	E M	DBH estimated as base/stem not fully accessible. Part of a woodland area	Removed for development	Good	Good	40+	B1	4.8
T123	Ilex aquifolium (Holly)	3	0	60	0.5	0.5	0.5	0.5	Y	self-set, growing at base of boundary wall. limited potential	Removed for development	Fair	Fair	<10	U	0.72
T124	Sambucus nigra (Elder)	5	0	354	1	1.5	1.5	1.5	M	DBH estimated as base/stem not fully accessible. Dieback in crown. Self-set, low vigour	Removed for development	Poor	Fair	<10	U	4.25



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G125	Betula pendula (Silver Birch)	7.5	0	150	1.5	1.5	1.5	1.5	Y	Stand of pioneer/ regeneration young trees, majority birch with occasional goat willow. All of similar dimensions. Maximum DBH recorded. Situated in raised bed	Removed for development	Good	Good	40+	C2	1.8
T126	Salix caprea (Goat Willow)	5	0	250	4	3	3	3	S M	DBH estimated as base/stem not fully accessible. Self-set specimen, ARF DBH Recorded, minor bias to N. Location approximate, not on topo	Removed for development	Good	Fair	20+	C1	3
T127	Salix caprea (Goat Willow)	7	0	450	4.5	4.5	4.5	4.5	M	Stem divides below 1.5m. ARF DBH recorded. A well-proportioned tree	Removed for development	Good	Good	40+	B2	5.4
T128	Salix caprea (Goat Willow)	9	2	200	1	2.5	2.5	0.5	E M	Phototropic form, bias to E	Removed for development	Good	Fair	20+	C2	2.4
T129	Betula pendula (Silver Birch)	9	0	185	3	3	3	4	S M	Minor crown bias to W over access. Location approximate, not on topo	Removed for development	Good	Good	20+	C1	2.22
T130	Salix caprea (Goat Willow)	5.5	0	312	1.5	3	3	3	S M	Tree not recorded on topo; location approximate. Poorly form tree, dominated by adjacent birch	Removed for development	Good	Fair	10+	C2	3.74
T131	Cotoneaster frigidus (Cotoneaster)	2	0	70	1.5	1.5	1.5	1.5	S M	Minor dieback in apical growth. Location approximate, not on topo	Removed for development	Fair	Fair	10+	C2	0.84
T132	Populus tremula (Aspen)	10	0.5	180	0.5	3	4	3.5	S M	Tree not recorded on topo; location approximate.	Removed for development	Good	Good	40+	B2	2.16

No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
										Overhanging substation outbuilding						
T133	Populus tremula (Aspen)	10		210	3	3.5	1	4	S M	Tree not recorded on topo; location approximate. Overhanging substation outbuilding	Removed for development	Good	Good	40+	B2	2.52
T134	Populus tremula (Aspen)	7	2	70	0.5	0.5	0.5	0.5	Y	Tree not recorded on topo; location approximate. Self-set and bifurcated from base	Removed for development	Good	Fair	40+	C2	0.84
G135	Salix caprea (Goat Willow), Sorbus aucuparia (Rowan), Betula pendula (Silver Birch)	9	0.5	200	3	3	3	3	S M	Tree not recorded on topo; location approximate. Linear stand of semi mature trees, visual screening qualities, most western specimen historically collapsed and now phoenixing. Individuals of middling quality	Removed for development	Good	Fair	20+	B2	2.4
G136	Betula pendula (Silver Birch)	10	0	150	1.5	1.5	1.5	1.5	S M	Tree not recorded on topo; location approximate. Stand of self-set birch lining hard standing, all low quality and drawn up. Single elder at S of group	Removed for development	Good	Fair	20+	C2	1.8



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G137	Quercus robur (Common Oak), Crataegus monogyna (Hawthorn), Betula pendula (Silver Birch)	3.5	0	100	1.5	1.5	1.5	1.5	Y	Tree not recorded on topo; location approximate. Young linear stand of small trees, future screening potential	Removed for development	Good	Good	40+	C2	1.2
G138	Betula pendula (Silver Birch), Crataegus monogyna (Hawthorn), Salix caprea (Goat Willow)	12	0	350	3.5	3.5	3.5	3.5	E M	Tree not recorded on topo; location approximate. Mixed species linear collective. Largest DBH recorded, largest trees at S of group	Removed for development	Good	Good	40+	B2	4.2
G139	Crataegus monogyna (Hawthorn)	2.5	0	75	0.5	0.5	0.5	0.5	S M	Dense stand of hawthorn with occasional climbing rose and young self-set Oak, low arboricultural value but good habitat	Removed for development	Good	Fair	40+	C2	0.9
G140	Betula pendula (Silver Birch), Crataegus monogyna (Hawthorn), Populus tremula (Aspen), Salix caprea (Goat Willow), Cotoneaster frigidus (Cotoneaster)	8	0	400	4.5	4.5	4.5	4.5	E M	Tree not recorded on topo; location approximate. Mixed species collective including 4 semi mature birch, 1 aspen, 5 multi stemmed goat willow. several dilapidated structures in group. Japanese knotweed noted to NW of group	Removed for development	Good	Fair	20+	B2	4.8
T141	Salix caprea (Goat Willow)	2	0	100	1.5	1	0	1	Y	Tree not recorded on topo; location approximate. Self-set, bias to N, leaning with limited future potential	Removed for development	Good	Fair	10+	C2	1.2



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G142	Buddleja, Crataegus monogyna (Hawthorn), Salix caprea (Goat Willow), Betula pendula (Silver Birch), Quercus robur (Common Oak)	10	0	150	2	2	2	2	S M	Young stand of trees, with smaller bushes at W. Self set birch in the majority	Removed for development	Good	Good	40+	C2	1.8
T143	Cotoneaster frigidus (Cotoneaster)	2.5	0	106	0.5	1	1	0.5	S M	Tree not recorded on topo; location approximate. Bifurcated from base, minor basal bark damage	Removed for development	Fair	Fair	10+	C2	1.27
T144	Salix caprea (Goat Willow)	2.5	0	75	1	1	1	1	Y	Tree not recorded on topo; location approximate.	Removed for development	Good	Good	10+	C2	0.9
T145	Salix caprea (Goat Willow)	2.5	0	100	1	1	1	1	Y	Tree not recorded on topo; location approximate.	Removed for development	Good	Good	10+	C2	1.2
G146	Crataegus monogyna (Hawthorn), Salix caprea (Goat Willow)	3	0	70	1.5	1.5	1.5	1.5	Y	Tree not recorded on topo; location approximate. Young stand of multi stemmed trees. Hawthorn to S poorly formed and leaning to N	Removed for development	Good	Fair	40+	C2	0.84
T147	Acer pseudoplatanus (Sycamore)	16	0	604	6.5	6.5	6.5	6.5	E M	Codominant from base, a well-formed tree overall. Does pose included bark at union but tree is stout in form and relatively sheltered	Removed for development	Good	Good	40+	B1	7.25



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G148	Betula pendula (Silver Birch)	3	0	50	0.5	0.5	0.5	0.5	Y	Sparse stand of self set pioneer trees surrounding soft landscaped area; exclusively young birch	Removed for development	Good	Good	40+	C2	0.6
G149	Betula pendula (Silver Birch)	7	0.5	100	1.5	1.5	1.5	1.5	S M	Self set stand of pioneer birch, all of similar dimensions, visual screening	Removed for development	Good	Good	40+	C2	1.2
G150	Salix caprea (Goat Willow)	2.5	0	150	2	2	2	2	S M	Dense self set thicket surrounded by brambles and scrub	Removed for development	Good	Good	40+	C2	1.8
G151	Salix caprea (Goat Willow),Acer pseudoplatanus (Sycamore),Betula pendula (Silver Birch)	14	0.5	400	3	3	3	3	E M	Stand of mixed broadleaf species; of middling form. Stems offset from existing warehouse by approx. 2.00m with crowns overhanging. Average DBH recorded. More significant sycamore situated at N, poorly formed phototropic birch leaning out to E at E side of group	Removed for development	Good	Good	40+	C2	4.8
T152	Betula pendula (Silver Birch)	4.5	0	100	1	2	2	1.5	Y	Tree location approximate, not on topo	Removed for development	Good	Good	40+	C1	1.2
T153	Betula pendula (Silver Birch)	4	0	85	1	1	1	1	Y	Tree location approximate, not on topo	Removed for development	Good	Good	40+	C1	1.02
G154	Acer pseudoplatanus (Sycamore),Salix caprea	4	0.5	50	1	1	1	1	Y	Self set stand or pioneer species	Removed for development	Good	Good	40+	C2	0.6

No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
	(Goat Willow),Betula pendula (Silver Birch)															
T155	Sorbus aucuparia (Rowan)	1.5	0	50	1.5	1.5	1.5	1.5	Y	Tree not recorded on topo; location approximate. Squat form. Tree lining exterior fencing	Retained	Fair	Good	10+	C2	0.6
G156	Sambucus nigra (Elder)	3	0	423	3	3	1	3	O M	Multistemmed stand, in slow physiological decline but presents habitat value	Removed for development	Fair	Fair	20+	C3	5.08
G157	Acer pseudoplatanus (Sycamore),Betula pendula (Silver Birch),Salix caprea (Goat Willow),Sorbus aucuparia (Rowan)	14	0.5	300	3.5	3.5	3.5	3.5	E M	Dense self set cluster of more established trees, none of particular significance or quality within group but stand provides collective value. Situated in unmade ground	Removed for development	Good	Good	40+	B2	3.6
G158	Betula pendula (Silver Birch)	4	0	100	1	1	1	1	Y	Linear strip of pioneers lining ex quarry area	Removed for development	Good	Good	40+	C2	1.2
G159	Betula pendula (Silver Birch),Salix caprea (Goat Willow),Acer pseudoplatanus (Sycamore)	11	1	350	3.5	3.5	3.5	3.5	S M	Tree not recorded on topo; location approximate. Scrubby stand of self set trees. 4 more significant trees within stand with average stem diameters of 300mm	Removed for development	Good	Good	40+	C2	4.2



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
W160	Acer pseudoplatanus (Sycamore), Salix caprea (Goat Willow), Sambucus nigra (Elder), Quercus robur (Common Oak), Fraxinus excelsior (Ash), Sorbus aucuparia (Rowan), Sorbus intermedia (Swedish Whitebeam), Corylus avellana (Hazel), Crataegus monogyna (Hawthorn), Alnus glutinosa (Common Alder)	12	0.5	250	2.5	2.5	2.5	2.5	S M	Wide young wooded block providing good screening from exterior, reasonably sparsely populated with no evidence of significant historical management, heather, gorse and bramble undergrowth layer. Species diversity higher in east, group becomes predominantly ash to west. Early signs of ash dieback evident. Average DBH recorded for group	Part-removal to the southeast section to facilitate construction of a share drive	Good	Good	40+	B2	3
T161	Betula pendula (Silver Birch)	9	0	170	1.5	1.5	2.5	2.5	S M		Removed for development	Good	Good	40+	C1	2.04
G162	Betula pendula (Silver Birch)	5	1	70	0.5	0.5	0.5	0.5	Y	Young self set stand of scrub and pioneer birch	Removed for development	Good	Good	40+	C2	0.84
W163	Betula pendula (Silver Birch), Salix caprea (Goat Willow), Acer pseudoplatanus (Sycamore)	11	1	500	3.5	3.5	3.5	3.5	S M	Tree not recorded on topo; location approximate. Extensive woodland group of more mature trees. Multistemmed individuals lining northern access	Removed for development	Good	Good	40+	B2	6
T164	Sorbus aucuparia (Rowan)	3	0.5	90	0.5	0.5	0.5	0.5	Y	Tree atop old quarry cliff, in physiological decline and not expected to recover	Removed for development	Poor	Good	<10	U	1.08



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T165	Betula pendula (Silver Birch)	11	0	330	5	4	4	4	E M	Tree not recorded on topo; location approximate. Minor lean in main stem, good overall form with low crown	Removed for development	Good	Good	20+	B2	3.96
T166	Betula pendula (Silver Birch)	11	0	180	1.5	2.5	2.5	1	S M	Tree not recorded on topo; location approximate. A little sparse in crown density and more poorly formed than its more dominant neighbour	Removed for development	Fair	Good	10+	C1	2.16
T167	Betula pendula (Silver Birch)	11	0	300	3	3.5	3.5	2.5	E M	Tree not recorded on topo; location approximate. Good overall form with low crown	Removed for development	Good	Good	20+	B2	3.6
T168	Betula pendula (Silver Birch)	11	0	290	3	4	4	3.5	E M	Tree not recorded on topo; location approximate. Good overall form with low crown, minor bias to E	Removed for development	Good	Good	20+	B2	3.48
T169	Betula pendula (Silver Birch)	11	1	290	3	1.5	2.5	2.5	E M	Reasonably well formed single tree with low crown	Removed for development	Good	Good	40+	B2	3.48
G170	Acer pseudoplatanus (Sycamore)	8	1	250	2.5	2.5	2.5	2.5	S M	Two low quality self set trees lining fence	Removed for development	Fair	Good	40+	C2	3
G171	Betula pendula (Silver Birch)	3	0	50	0.5	0.5	0.5	0.5	Y	Sparse stand of self set pioneer trees surrounding soft landscaped area; exclusively young birch	Removed for development	Good	Good	40+	C2	0.6



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T172	Salix caprea (Goat Willow)	10	0	650	6	6	6	6	E M	Tree not recorded on topo; location approximate. Stand alone individual set back into grass with wider woodland as a backdrop. ARF DBH recorded	Retained	Good	Good	40+	B2	7.8
T173	Salix caprea (Goat Willow), Betula pendula (Silver Birch)	5	0.5	212	2.5	1.5	1	1	S M	Tree not recorded on topo; location approximate. Self set and Multistemmed, growing out of base of wall	Removed for development	Fair	Fair	20+	C2	2.54
T174	Salix caprea (Goat Willow)	5	0.5	75	1.5	2.5	1.5	2.5	S M	Tree not recorded on topo; location approximate. Self set and Multistemmed, growing on bank N of access route	Removed for development	Good	Fair	20+	C2	0.9
T175	Betula pendula (Silver Birch)	3	0.5	75	1.5	1.5	1.5	1.5	S M	Tree not recorded on topo; location approximate.	Removed for development	Good	Good	20+	C2	0.9
T176	Salix caprea (Goat Willow)	7	0.5	150	2.5	1.5	2.5	1.5	S M	Tree not recorded on topo; location approximate.	Removed for development	Good	Good	20+	C2	1.8
T177	Acer pseudoplatanus (Sycamore)	10	0.5	431	4	4	4	4	S M	Tree not recorded on topo; location approximate. Bifurcated @1.00m	Removed for development	Good	Good	40+	C1	5.17

No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T178	Salix caprea (Goat Willow)	6	0.5	500	2.5	2.5	2.5	2.5	S M	Tree not recorded on topo; location approximate. ARF DBH recorded, Tree posing minor lean to S where it has historically failed, now self corrected and showing adaptive growth. Multistemmed from base	Removed for development	Good	Good	20+	C2	6
T179	Sorbus aucuparia (Rowan)	3.5	0.5	50	1	1	1	1	Y	Tree not recorded on topo; location approximate.	Removed for development	Good	Good	40+	C2	0.6
T180	Prunus avium (Wild Cherry)	4	0.5	50	2.5	2.5	2.5	2.5	Y	Tree not recorded on topo; location approximate.	Removed for development	Good	Good	40+	C2	0.6
G181	Betula pendula (Silver Birch)	4	0.5	70	1.5	1.5	1.5	1.5	Y	Tree not recorded on topo; location approximate. Small stand of self set pioneers	Removed for development	Good	Good	40+	C2	0.84
G182	Betula pendula (Silver Birch), Salix caprea (Goat Willow)	4	0.5	70	1.5	1.5	1.5	1.5	Y	Tree not recorded on topo; location approximate. Stand of self set pioneers on raised levels soft landscaped area	Removed for development	Good	Good	40+	C2	0.84
T183	Betula pendula (Silver Birch)	5	0.5	90	1.5	1.5	1.5	1.5	Y	Tree not recorded on topo; location approximate. Single standing tree with upright habit	Removed for development	Good	Good	40+	C2	1.08



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T184	Salix caprea (Goat Willow)	16	1	1249	7	7	7	6	OM	Very large and well formed example of the species overhanging structure. Multistemmed at ground level. Minor deadwood and with small rowan at base	Removed for development	Good	Good	40+	A2	14.99
G185	Betula pendula (Silver Birch)	4	0.5	70	1	1	1	1	Y	Tree not recorded on topo; location approximate. Small stand of self set pioneers	Removed for development	Good	Good	40+	C2	0.84
G186	Betula pendula (Silver Birch), Salix caprea (Goat Willow), Acer pseudoplatanus (Sycamore), Sambucus nigra (Elder)	7.5	0.5	180	2.5	1	2.5	2.5	SM	Tree not recorded on topo; location approximate. Small stand of self set pioneers	Removed for development	Good	Good	40+	C2	2.16
G187	Betula pendula (Silver Birch), Salix caprea (Goat Willow), Acer pseudoplatanus (Sycamore)	7.5	0.5	100	2	1	2	2	SM	Tree not recorded on topo; location approximate. Small stand of self set pioneers	Removed for development	Good	Good	40+	C2	1.2
G188	Betula pendula (Silver Birch)	4	0.5	100	1	1	1	1	SM	Tree not recorded on topo; location approximate. Stand of self set pioneer Birch, establishing well	Removed for development	Good	Good	40+	C2	1.2
T189	Betula pendula (Silver Birch)	2	0.5	70	1.5	1.5	1.5	1.5	Y	Tree not recorded on topo; location approximate. Young self set single tree	Removed for development	Good	Good	40+	C2	0.84



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G190	Salix caprea (Goat Willow)	7.5	0.5	180	2.5	2.5	2.5	2.5	S M	Tree not recorded on topo; location approximate. Small stand of established self set pioneers, all Multistemmed	Removed for development	Good	Good	40+	C2	2.16
G191	Crataegus monogyna (Hawthorn)	2.5	0	75	0.5	0.5	0.5	0.5	S M	Dense stand of hawthorn with occasional climbing rose and young self set Oak, low arboricultural value but good habitat	Removed for development	Good	Fair	40+	C2	0.9
G192	Crataegus monogyna (Hawthorn)	4.5	0	75	0.5	0.5	0.5	0.5	S M	Sparsely populated stand of hawthorn with occasional climbing rose and young self set Oak, low arboricultural value but good habitat. Japanese knotweed distributed throughout group	Removed for development	Good	Fair	40+	C2	0.9
G193	Betula pendula (Silver Birch), Salix caprea (Goat Willow)	3	0	150	1	1	1	1	S M	Dense stand of self set pioneer trees within soft landscaped area; exclusively young birch and goat willow. Conflicting with existing structure	Removed for development	Good	Good	40+	C2	1.8



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T194	Salix caprea (Goat Willow)	9	0	219	3.5	2.5	2.5	3	E M	Tree not recorded on topo; location approximate. Bifurcated at base, growing between fences and at base of concrete pad. Crown conflicting with guttering of existing building. ARF DBH recorded	Removed for development	Good	Fair	20+	C1	2.63
T195	Salix caprea (Goat Willow), Crataegus monogyna (Hawthorn)	9	0	453	3.5	3.5	3.5	3.5	E M	Tree not recorded on topo; location approximate. Self set trees growing at lower level than concrete pad. Sprawling habit and posing direct damage to stems on SW side from existing fencing. Group overhanging with existing building and conflicting with roofing	Removed for development	Good	Fair	20+	C2	5.44
T196	Salix caprea (Goat Willow)	9	0	219	4	4	4	4.5	E M	Tree not recorded on topo; location approximate. ARF DBH recorded. Growing at base of exterior wall. Multistemmed at base	Removed for development	Good	Good	20+	C1	2.63
G197	Betula pendula (Silver Birch)	7	0.5	100	1.5	1.5	1.5	1.5	S M	Self set stand of pioneer birch, all of similar dimensions, visual screening	Removed for development	Good	Good	40+	C2	1.2



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G198	Betula pendula (Silver Birch)	7	0.5	100	1.5	1.5	1.5	1.5	S M	Self set stand of pioneer birch, all of similar dimensions, visual screening	Removed for development	Good	Good	40+	C2	1.2
T199	Sambucus nigra (Elder)	4.5	0.5	300	2	3	2	2	M	Tree not recorded on top; location approximate.	Removed for development	Good	Good	20+	B2	3.6
G200	Betula pendula (Silver Birch), Prunus avium (Wild Cherry), Fraxinus excelsior (Ash), Salix caprea (Goat Willow), Alnus glutinosa (Common Alder), Acer pseudoplatanus (Sycamore), Carpinus betulus (Hornbeam)	14	0	350	4	4	4	4	E M	Extensive unmanaged linear visual buffer. Situated on raised levels above built area. Early symptoms of ash dieback noted	Removed for development	Good	Good	40+	B2	4.2
G201	Betula pendula (Silver Birch), Salix caprea (Goat Willow)	2.5	0.5	70	0.5	0.5	0.5	0.5	Y	Tree not recorded on top; location approximate. Stand of self set pioneers on raised levels soft landscaped area	Removed for development	Good	Good	40+	C2	0.84
G202	Acer pseudoplatanus (Sycamore), Salix caprea (Goat Willow)	17	0	600	4	4	4	4	E M	Good quality stand of both single stemmed and Multistemmed early mature trees. Majority sycamore with single large goat willow at E end	Removed for development	Good	Good	40+	B2	7.2
T203	Prunus avium (Wild Cherry)	4.5	0.5	60	1.5	2	1.5	1	Y	Tree not recorded on top; location approximate. Limited potential as growing out of base of wall	Removed for development	Good	Good	20+	C1	0.72



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T204	Prunus avium (Wild Cherry)	4.5	0.5	90	2	2	2	2	Y	Tree not recorded on topo; location approximate.	Removed for development	Good	Good	20+	C1	1.08
T205	Sorbus aucuparia (Rowan)	4.5	0.5	173	2	2	2	2	E M	Tree not recorded on topo; location approximate.	Removed for development	Good	Good	20+	C1	2.08
G206	Betula pendula (Silver Birch)	7	0.5	50	1.5	1.5	1.5	1.5	S M	Self set stand of pioneer birch, all of similar dimensions, visual screening	Removed for development	Good	Good	40+	C2	0.6
T207	Betula pendula (Silver Birch)	4	0	70	1.5	1.5	1.5	1.5	Y	Tree location approximate, not on topo	Removed for development	Good	Good	40+	C1	0.84
T208	Salix caprea (Goat Willow)	4.5	0	141	3	3	3	3	S M	Tree not recorded on topo; location approximate. DBH estimated as base/stem not fully accessible. Multiple stems at ground level. 2 self set established goat willow lining hard surface and overhanging existing block	Removed for development	Good	Fair	40+	C2	1.69
G209	Betula pendula (Silver Birch)	7	0.5	50	1.5	1.5	1.5	1.5	S M	Self set stand of pioneer birch, all of similar dimensions, visual screening	Removed for development	Good	Good	40+	C2	0.6
G210	Salix caprea (Goat Willow)	9	0	250	4	4	4	4	E M	Tree not recorded on topo; location approximate. Established Multistemmed willow lining existing structure	Removed for development	Good	Good	40+	B2	3



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G211	Betula pendula (Silver Birch), Sambucus nigra (Elder)	9	0	200	3.5	3.5	3.5	3.5	E M	Tree not recorded on top; location approximate. Established Multistemmed willow lining existing structure	Removed for development	Good	Good	40+	B2	2.4
T212	Betula pendula (Silver Birch)	9	0.5	170	2	2	2	2	S M	Tree not recorded on top; location approximate. Upright habit	Removed for development	Good	Good	40+	C1	2.04
T213	Betula pendula (Silver Birch)	6.5	0.5	170	1.5	1.5	2	2	S M	Tree not recorded on top; location approximate. Co-dominant from base, abutting low rise wall	Removed for development	Good	Good	40+	C2	2.04
G214	Betula pendula (Silver Birch)	7	0.5	50	1.5	1.5	1.5	1.5	S M	Self set stand of pioneer birch, all of similar dimensions, visual screening	Removed for development	Good	Good	40+	C2	0.6
G215	Salix caprea (Goat Willow), Sambucus nigra (Elder), Acer pseudoplatanus (Sycamore), Betula pendula (Silver Birch)	9	1	150	2.5	2.5	2.5	2.5	S M	Low quality screening collective, mostly Multistemmed goat willow kining carparking area	Removed for development	Good	Fair	40+	C2	1.8
T216	Acer pseudoplatanus (Sycamore)	11	0.5	277	2.5	2.5	2.5	2.5	S M	DBH estimated as base/stem not fully accessible. Multiple stems at ground level.	Removed for development	Good	Good	40+	C1	3.32
T217	Acer pseudoplatanus (Sycamore)	12	0.5	433	3.5	3.5	3.5	3.5	S M	DBH estimated as base/stem not fully accessible.	Removed for development	Good	Good	40+	C1	5.2



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G218	Salix caprea (Goat Willow)	9	0.5	200	4.5	4.5	4.5	4.5	E M	Tree not recorded on topo; location approximate. Multiple stems at ground level.	Removed for development	Good	Fair	40+	C2	2.4
G219	Salix caprea (Goat Willow)	9	0.5	200	4.5	4.5	4.5	4.5	E M	Tree not recorded on topo; location approximate. 6 stems lining rear of block, each individual is relatively poorly formed. Abutting base of walling	Removed for development	Good	Fair	40+	C2	2.4
G220	Fraxinus excelsior (Ash)	15	2	450	4.5	4.5	4.5	4.5	E M	Early symptoms of Chalara ash dieback present.	Removed for development	Good	Good	20+	B2	5.4
G221	Betula pendula (Silver Birch)	7	0.5	70	1.5	1.5	1.5	1.5	S M	Sparse self set stand of pioneer birch, oak and goat willow all of similar dimensions,	Removed for development	Good	Good	40+	C2	0.84
T222	Betula pendula (Silver Birch)	4.5	0	159	2.5	2.5	2.5	2.5	Y	Established multistemmed pioneer	Removed for development	Good	Good	40+	C2	1.91
T223	Sorbus aucuparia (Rowan)	4.5	0.5	100	1.5	1.5	1.5	1.5	S M		Removed for development	Good	Good	40+	C1	1.2
T224	Sorbus aucuparia (Rowan)	4.5	0.5	150	1.5	1.5	1.5	1.5	S M		Removed for development	Good	Good	40+	C1	1.8
G225	Salix caprea (Goat Willow), Betula pendula (Silver Birch)	7	0.5	250	3	3	3	3	S M	Sprawling stand of goat willow, all of middling form as individuals but providing collective value. Southern trees are younger than those in the N lining hard surfacing	Removed for development	Good	Fair	40+	B2	3



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T226	Salix caprea (Goat Willow)	11	0	1273	6.5	6.5	6.5	6.5	V	Tree not recorded on topo; location approximate. Multiple stems at ground level. Wide spreading habit, well sheltered Multistemmed individual	Removed for development	Good	Good	40+	B3	15
G227	Betula pendula (Silver Birch), Salix caprea (Goat Willow)	14	1	150	3.5	3.5	3.5	3.5	S M	A clearly defined screening collective, Majority birch, all individuals of similar dimensions and generally drawn up in habit	Removed for development	Good	Good	40+	C2	1.8
G228	Betula pendula (Silver Birch)	13	1.5	180	2.5	2.5	2.5	2.5	S M	Linear screening collective of exclusively Multistemmed birch	Removed for development	Good	Good	40+	B2	2.16
G229	Crataegus monogyna (Hawthorn)	3.5	0.5	100	1.5	1.5	1.5	1.5	S M		Removed for development	Good	Good	40+	C2	1.2
T230	Ilex aquifolium (Holly)	7	0	370	4.5	4.5	4.5	4.5	E M	Multistemmed at base, sprawling habit	Removed for development	Good	Good	40+	B2	4.44
T231	X Cupressocyparis leylandii (Leyland Cypress)	11	0	421	3	3	3	3	E M	Overhanging existing house to S. Situated behind retaining wall	Removed for development	Good	Good	40+	B2	5.05
T232	X Cupressocyparis leylandii (Leyland Cypress)	2	0	80	0.5	0.5	0.5	0.5	S M	Overhanging existing house to S	Removed for development	Good	Good	40+	C2	0.96
T233	Ilex aquifolium (Holly)	6	0	493	3	3	3	3	E M	Multistemmed at base, sprawling habit	Removed for development	Fair	Good	40+	C1	5.92
T234	Malus (Apple)	4.5	1	212	2.5	2.5	2.5	2.5	S M		Retained	Good	Good	40+	C1	2.54



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T235	X Cupressocyparis leylandii (Leyland Cypress)	2	0	80	0.5	0.5	0.5	0.5	S M	Overhanging existing house to S	Removed for development	Good	Good	40+	C2	0.96
G236	Betula pendula (Silver Birch),Crataegus monogyna (Hawthorn),Populus tremula (Aspen),Salix caprea (Goat Willow),Cotoneaster frigidus (Cotoneaster)	8	0	150	2.5	2.5	2.5	2.5	E M	Tree not recorded on topo; location approximate. Mixed species collective providing visual buffer to N	Removed for development	Good	Fair	20+	B2	1.8
T237	Betula pendula (Silver Birch)	13	1	310	5	4.5	2	3	E M	Minor crown bias to N due to competition with neighbouring tree	Removed for development	Good	Good	40+	B2	3.72
T238	Salix caprea (Goat Willow)	12	0.5	1058	8	8	5	8	E M	Very large multistemmed tree, well sheltered with prolific deadwood, good habitat value	Removed for development	Good	Good	40+	B2	12.7
G239	Betula pendula (Silver Birch),Crataegus monogyna (Hawthorn)	10	0	180	1.5	1.5	1.5	1.5	S M	Tree not recorded on topo; location approximate. Small stand of pioneers establishing	Removed for development	Good	Good	40+	C2	2.16
T240	Sambucus nigra (Elder)	3.5	1	150	1.5	1.5	1.5	1.5	O M	Partially collapsed dead/dying elder	Removed for development	Dead	Dead	<10	U	1.8
T241	Betula pendula (Silver Birch)	9	0.5	113	2	2	2	2	S M	Two established stems	Removed for development	Good	Good	40+	C1	1.36



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G242	Salix caprea (Goat Willow)	10	0	735	5.5	5.5	5.5	5.5	M	Ground levels drop to E of stems towards wall of structure. Majority goat willow with single elder at S. Most tree not of particular quality as individuals	Removed for development	Good	Fair	40+	B2	8.82
T243	Crataegus monogyna (Hawthorn)	3.5	0.5	212	2	2	2	2	S M	Tree not recorded on topo; location approximate.	Removed for development	Good	Good	40+	C1	2.54
T244	Salix caprea (Goat Willow)	5.5	0	245	3	3	3	4	S M	Tree not recorded on topo; location approximate. Multiple stems at ground level.	Removed for development	Good	Fair	40+	C1	2.94
G245	Betula pendula (Silver Birch)	9	1	100	2.5	2.5	2.5	2.5	S M	Stand of established pioneers behind existing structure	Removed for development	Good	Good	40+	C2	1.2
G246	Salix caprea (Goat Willow)	12	0	450	6	6	6	6	M	Tree not recorded on topo; location approximate. Linear group of 5 large good quality goat willow, all Multistemmed and of sprawling habit. Japanese knotweed distributed between stems	Removed for development	Good	Good	40+	B2	5.4
T247	X Cupressocyparis leylandii (Leyland Cypress)	14	0	900	5	5	5	5	E M		Removed for development	Good	Good	40+	B1	10.8
T248	Crataegus monogyna (Hawthorn)	3.5	0	180	2	2	2	2	S M	Tree not recorded on topo; location approximate.	Removed for development	Good	Good	40+	C2	2.16



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					N	E	S	W								
G249	Betula pendula (Silver Birch)	4	0.5	70	1.5	1.5	1.5	1.5	Y	Tree not recorded on top; location approximate. Small stand of self set pioneers	Removed for development	Good	Good	40+	C2	0.84
T250	Crataegus monogyna (Hawthorn)	3.5	0	180	2	2	2	2	S M	Tree not recorded on top; location approximate.	Removed for development	Good	Good	40+	C2	2.16
T251	Salix caprea (Goat Willow)	5	0	582	4	6	4	4	E M	Tree not recorded on top; location approximate. Multiple stems at ground level.	Removed for development	Good	Good	40+	C1	6.98
G252	Salix caprea (Goat Willow),Betula pendula (Silver Birch)	6	0	160	3.5	3.5	3.5	3.5	S M	Small linear group of poor quality individuals, all multistemmed	Removed for development	Good	Fair	40+	C2	1.92
G253	Betula pendula (Silver Birch),Sorbus aucuparia (Rowan),Corylus avellana (Hazel)	3.5	0	100	1	1	1	1	Y	Tree not recorded on top; location approximate. Small self set stand on verge lining hard surface	Removed for development	Good	Good	40+	C2	1.2
G254	Quercus robur (Common Oak)	3	0	50	0.5	0.5	0.5	0.5	Y	Tree not recorded on top; location approximate.3 Young self set stems	Removed for development	Good	Good	40+	C2	0.6
G255	Salix caprea (Goat Willow),Quercus robur (Common Oak),Betula pendula (Silver Birch)	9	0	350	3.5	3.5	3.5	3.5	S M	Largest DBH recorded. Stand of majority poorly formed goat willow with infrequent birch and oak. All Multistemmed with spreading habits. Screening and habitat value only	Removed for development	Good	Fair	40+	C2	4.2

No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T256	Acer pseudoplatanus (Sycamore)	11	1.5	674	5	6	6	6	E M	Tree not recorded on top; location approximate. Stout spreading Multistemmed form, average DBH recorded. Displacing adjacent boundary wall. Middling form	Removed for development	Good	Good	40+	C1	8.09
T257	Sorbus intermedia (Swedish Whitebeam)	4	0	170	2	1.5	1	0	S M	Leaning East. Phototropic form, dominated by adjacent sycamore	Removed for development	Good	Fair	20+	C1	2.04
T258	Sorbus intermedia (Swedish Whitebeam)	4.5	0.5	200	2	2	2	2	S M	Tree not recorded on top; location approximate. Bifurcated with compression union@1.6m, Would benefit from formative prune if retained in a future scheme	Removed for development	Good	Good	40+	C1	2.4
T259	Salix caprea (Goat Willow)	3.5	0	450	2	2	2	2	E M	Coppice. Felled within last 3years and now regenerating from remaining stump. Limited potential in terms of form. Screening value only	Removed for development	Fair	Poor	20+	C2	5.4
S260	Cotoneaster frigidus (Cotoneaster)	2	0	89	2	1.5	1.5	1.5	S M	Tree not recorded on top; location approximate.	Removed for development	Fair	Fair	20+	C2	1.07



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G261	Sambucus nigra (Elder)	3	0.5	250	1.5	1.5	1.5	1.5	O M	Tree not recorded on topo; location approximate. DBH estimated as base/stem not fully accessible. Reduced leaf size and annual shoot extensions. Low bud/leaf density. Category C/U stand of old elder, all in physiological decline and with historical limb failures and decay, screening and habitat value only	Retained	Poor	Fair	<10	C2	3
T262	Fraxinus excelsior (Ash)	15	1.5	600	6.5	6.5	6.5	6.5	M	DBH estimated as base/stem not fully accessible. Cavity on stem. No clear symptoms of Chalara ash dieback present. Minor deadwood in crown. Large basal cavity on NW side approx. 1000x500mm and another historical pruning wound cavity on NE side of lower stem	Retained	Good	Fair	10+	C1	7.2
G263	Salix caprea (Goat Willow), Malus (Apple)	5.5	1	524	4.5	3.5	3	4	M	DBH estimated as base/stem not fully accessible. Small multi stemmed stand providing screening to adjacent sites, low crowns over application site	Retained	Good	Good	20+	B2	6.29



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T264	Sambucus nigra (Elder)	3	0.5	180	1.5	1.5	1.5	1.5	M	Tree not recorded on top; location approximate. DBH estimated as base/stem not fully accessible. Ivy on tree. Reduced leaf size and annual shoot extensions.	Retained	Fair	Fair	<10	C2	2.16
T265	Sambucus nigra (Elder)	3	0.5	180	1.5	1.5	1.5	1.5	M	Tree not recorded on top; location approximate. DBH estimated as base/stem not fully accessible. Reduced leaf size and annual shoot extensions.	Retained	Fair	Fair	<10	C2	2.16
G266	Sambucus nigra (Elder), Sorbus intermedia (Swedish Whitebeam), Betula pendula (Silver Birch), Sorbus aucuparia (Rowan)	6	1	150	1.5	1.5	1.5	1.5	S M	DBH estimated as base/stem not fully accessible. Average DBH recorded. Linear screening collective lining caravan merchants. All Multistemmed and of similar dimensions and condition	Retained	Good	Good	40+	C2	1.8
T267	Sambucus nigra (Elder)	3	1	294	1.5	1.5	1.5	1.5	O M	Tree not recorded on top; location approximate. Dieback in crown. Low bud/leaf density. Historically reduced below utility lines	Removed for development	Fair	Fair	10+	C1	3.53

No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
W268	Populus tremula (Aspen), Salix caprea (Goat Willow), Acer pseudoplatanus (Sycamore), Fraxinus excelsior (Ash)	8	1	200	2	2	2	2	S M	Tree not recorded on topo; location approximate. Extensive young mixed species woodland belt on higher level than adjacent open fields to E and S. Good visual screening value. Any notable specimens within have been noted individually	Removed for development	Good	Good	40+	B2	2.4
T269	Salix caprea (Goat Willow)	5	0	140	1.5	1.5	1.5	1.5	S M	Tree not recorded on topo; location approximate. Growing atop boundary wall, poorly formed self set tree	Removed for development	Good	Fair	10+	C2	1.68
G270	Betula pendula (Silver Birch), Ulmus procera (English Elm)	10	0	390	3.5	3	3.5	2	E M	Poor shape / form. Two poorly formed trees growing atop boundary wall. Both sprawling and of phototropic habit, growing over existing buildings	Removed for development	Good	Fair	20+	C2	4.68
T271	Salix caprea (Goat Willow)	10	0	480	4.5	4.5	4.5	3	M	Stem divides below 1.5m. Growing atop boundary wall and overhanging existing building, relatively well formed tree	Removed for development	Good	Good	20+	B2	5.76
T272	Prunus avium (Wild Cherry)	10	0.5	230	3	3.5	3.5	2.5	E M	A relatively well formed tree atop boundary wall	Removed for development	Good	Good	20+	B2	2.76



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G273	Prunus avium (Wild Cherry),Sambucus nigra (Elder)	3.5	0	50	0.5	0.5	0.5	0.5	S M	Tree not recorded on topo; location approximate. Poor quality self set stand of young stems and 1 more mature elder atop walling Limited future potential given location	Removed for development	Good	Fair	10+	U	0.6
G274	Sambucus nigra (Elder),Sorbus aucuparia (Rowan)	3.5	0	50	0.5	0.5	0.5	0.5	S M	Tree not recorded on topo; location approximate. Reduced leaf size and annual shoot extensions. Poor quality self set stand of young stems atop walling Limited future potential given location	Removed for development	Good	Fair	10+	U	0.6
G275	Sambucus nigra (Elder)	6.5	0.5	433	3	3	3	3	O M	Tree not recorded on topo; location approximate. Poor shape / form. Declining. Reduced leaf size and annual shoot extensions. Broken branches in crown. Unbalanced crown shape. Stems beginning to fail over boundary wall to E	Removed for development	Poor	Poor	<10	U	5.2



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T276	Betula pendula (Silver Birch)	12	0.5	352	3	3	4	3.5	E M	Multiple stems at ground level.	Retained	Good	Good	20+	C1	4.22
T277	Betula pendula (Silver Birch)	13.5	0.5	330	3.5	3.5	3.5	3.5	E M		Retained	Good	Good	20+	C1	3.96
T278	Betula pendula (Silver Birch)	9	2	180	3	1.5	3.5	1.5	S M		Retained	Fair	Good	20+	C1	2.16



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T279	Betula pendula (Silver Birch)	10	0	370	4	4	4	4	E M	Multiple stems at ground level.	Retained	Good	Good	20+	C1	4.44
T280	Betula pendula (Silver Birch)	10	0	210	2.5	2.5	2.5	2.5	S M		Retained	Good	Good	20+	C1	2.52
T281	Betula pendula (Silver Birch)	10	0	140	1.5	1.5	1.5	1.5	S M		Retained	Good	Good	20+	C1	1.68

No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T282	Betula pendula (Silver Birch)	10.5	0.5	220	2.5	2.5	2.5	2.5	S M		Retained	Good	Good	20+	C1	2.64
T283	Betula pendula (Silver Birch)	13	0	290	5	7	5	4	S M		Retained	Good	Good	20+	C1	3.48
T284	Betula pendula (Silver Birch)	9	0	190	2	4	3	2	S M		Retained	Good	Good	20+	C1	2.28



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T285	Betula pendula (Silver Birch)	9	0	140	6	2	4	3	S M		Retained	Good	Good	20+	C1	1.68
T286	Quercus robur (Common Oak)	8	0.5	210	4	1	5.5	5	S M		Retained	Good	Good	40+	B1	2.52
T287	Prunus avium (Wild Cherry)	8	3	260	3.5	3.5	3.5	3.5	S M	Cherry growing inside Hazel group	Retained	Fair	Fair	20+	C1	3.12



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T288	Prunus avium (Wild Cherry)	8	3	310	4	4	4	4	S M	Cherry growing inside Hazel group	Retained	Good	Good	20+	C1	3.72
T289	Prunus avium (Wild Cherry)	8	3	200	2.5	2.5	2.5	2.5	S M	Cherry growing inside Hazel group	Retained	Good	Good	20+	C1	2.4
T290	Prunus avium (Wild Cherry)	8	3	310	3	3	3	3	S M	Cherry growing inside Hazel group	Retained	Good	Good	20+	C1	3.72



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
G291	Corylus avellana (Hazel), Quercus robur (Common Oak), Fraxinus excelsior (Ash), Ilex aquifolium (Holly)	8	0.5	200	3	3	3	3	S M		Retained	Good	Good	40+	B1	2.4
T292	Pinus sylvestris (Scots Pine)	4.5	0.5	180	2.5	2.5	2.5	2.5	S M		Retained	Good	Good	20+	C1	2.16
T293	Pinus sylvestris (Scots Pine)	3	0	100	1.5	1.5	1.5	1.5	S M		Retained	Good	Good	20+	C1	1.2



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T294	Betula pendula (Silver Birch)	10	0.5	280	4.5	4.5	3	4.5	S M		Retained	Good	Good	20+	C1	3.36
T295	Betula pendula (Silver Birch)	10	2	240	3	3	2	3	S M		Retained	Good	Good	20+	C1	2.88
T296	Betula pendula (Silver Birch)	10	2	240	4	4	4	4	S M		Retained	Good	Good	20+	C1	2.88



No.	Species Scientific Name (Common Name)	Tree Height (m)	Crown Height (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T297	Betula pendula (Silver Birch)	10	0	220	3	4	6	4	S M		Retained	Good	Good	20+	C1	2.64
T298	Betula pendula (Silver Birch)	10	0	220	3	3	3	3	S M		Retained	Good	Good	20+	C1	2.64
T299	Sorbus intermedia (Swedish Whitebeam)	7	0	360	5	5	5	5	S M		Retained	Good	Good	40+	C1	4.32



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T300	Betula pendula (Silver Birch)	10	2	230	3	3	3	3	S M		Retained	Good	Good	20+	C1	2.76
T301	Fraxinus excelsior (Ash)	9	1	332	5	5	5	5	S M	Stem divides at ground level.	Retained	Fair	Good	40+	C1	3.98
T302	Fraxinus excelsior (Ash)	9	1	328	5	5	5	5	S M	Low vitality. Declining. Stem divides at ground level.	Retained	Poor	Fair	40+	C1	3.94



No.	Species Scientific Name (Common Name)	Tree Height (m)	(Crown Height) (m)	Stem Diameter (mm)	Canopy Spread (m)				Age Class	Comments	Recommendations	Condition Physiological	Condition Structural	Estimated Remaining Life Expectancy	Retention Category	Root Protection Area Radius (m)
					N	E	S	W								
T303	Salix caprea (Goat Willow)	9	1	660	6	6	6	6	E M	Muti stem at 1.5m high	Retained	Good	Fair	40+	B1	7.92
G304	Betula pendula (Silver Birch), Quercus robur (Common Oak), Corylus avellana (Hazel), Fraxinus excelsior (Ash)	8	0	200	2.5	2.5	2.5	2.5	S M	Multiple stems at ground level.	Retained	Good	Good	20+	C1	2.4

## Key

- No. – Tree/group reference number, to be recorded on tree survey plan where necessary.
- Species – Common Names.
- Age Class – Young (Y), Young Mature (YM), Middle Mature (MM), Mature (M), Over Mature (OM).
- Height – Overall height of tree in metres.
- Crown Spread – In meters taken at the four cardinal points to derive an accurate representation of the crown (to be recorded on the tree survey plan where necessary).
- Crown Clearance – in meters above adjacent ground level to inform on ground clearance, crown stem ratio and shading.
- Stem Diameter – In millimetres at 1.5m above adjacent ground level (on sloping ground to be taken on the upslope of the tree base) or immediately above the roof flare for multi-stemmed trees. \* Denotes estimated measurement where access to stem was restricted.
- Physiological Condition – e.g. Good (G), Fair (F), Poor (P) and Dead (D).
- Structural Condition – e.g. collapsing, the presence of decay and any physical defect.
- Estimated remaining contribution – in years e.g. less than 10, 10-20, 20-40, more than 40.
- Recommendations – Including further investigations of suspected defects that require more detailed assessment and potential wildlife habitat. All tree work is based on current tree condition and the existing land use and will include work such as hazard abatement, encroachment pruning, thinning of groups/woods and good arboricultural practice.
- Retention Category (Sub Category) – U or A to C, to be recorded in plan on the tree survey plan where possible.
- RPA – Root Protection Area calculated from BS5837:2012 Trees in Relation to Design, Demolition and Construction – Recommendations, in sqm. Where indicated, dimensions of radius of circle or sides of square based around centre point of trunk calculated for design purposes.

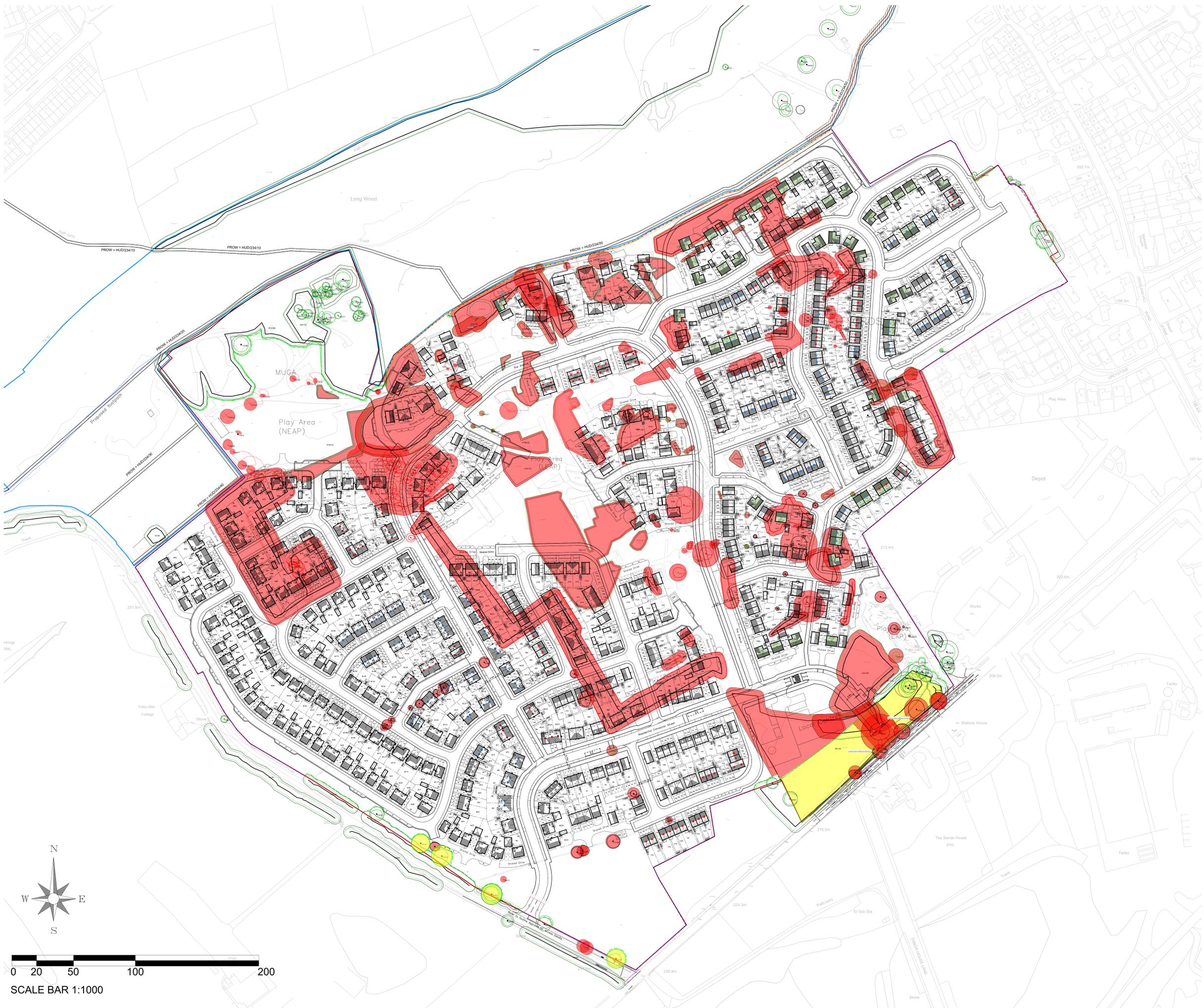
## APPENDIX 4: Classifications Description

Cascade Chart for the Quality Assessment (Taken from BS5837:2012 Table 1, Page 9)				
Category and Definition	Criteria (Including Subcategories Where Appropriate)			Identification on Plan
	1 Mainly Arboricultural Qualities	2 Mainly Landscape Qualities	3 Mainly Cultural Values, Including Conservation	
TREES UNSUITABLE FOR RETENTION				
<p>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</p>	<p>Trees that have serious, irremediable, structural defect, such that their early loss is expected due to collapse including those that will become unviable after removal of other category U trees (e.g., where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning).                      Trees that are dead or are showing signs of significant, immediate or irreversible overall decline.                      Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low-quality trees supressing adjacent trees of better quality.</p> <p><i>Note: Category U trees can have existing or potential conservation value which it might be desirable to preserve.</i></p>			<p>See Appendix 3</p>
TREES TO BE CONSIDERED FOR RETENTION				
<p>Category A                      Trees of high quality with an estimated remaining life expectancy of at least 40 years</p>	<p>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).</p>	<p>Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features.</p>	<p>Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g., veteran or trees or wood pasture).</p>	<p>See Appendix 3</p>

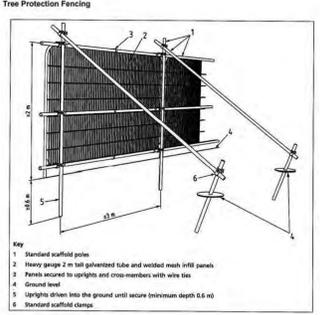
Cascade Chart for the Quality Assessment (Taken from BS5837:2012 Table 1, Page 9)

Category and Definition	Criteria (Including Subcategories Where Appropriate)			Identification on Plan
	1 Mainly Arboricultural Qualities	2 Mainly Landscape Qualities	3 Mainly Cultural Values, Including Conservation	
<p>Category B                      Trees of moderate quality with an estimated remaining life expectancy of at least 20 years</p>	<p>Trees that might be included in Category A but were downgraded because of impaired condition (e.g., presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation.</p>	<p>Trees present in numbers, usually growing groups or woodlands, such that they attract a higher collective rating than they might attract as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality.</p>	<p>Trees with material conservation or other cultural value.</p>	<p>See Appendix 3</p>
<p>Category C                      Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter of &lt;150mm</p>	<p>Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories.</p>	<p>Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits.</p>	<p>Trees with no material conservation or other cultural value.</p>	<p>See Appendix 3</p>

APPENDIX 5: Tree Removal and Retention Plan



- LEGEND:**
-  Existing fencing (TBC)
  -  Post & Heras fencing to back edge of kerb line and tight up against neighbouring fences
  -  Boundary security herras fencing on timber posts for tree protection (Subject to alteration for openings etc. To be agreed by Site Manager as construction works progress)



Manufactured from BS 2837:2012 Trees in relation to design, demolition and construction - Recommendations, BS1 Standards Institution, 2012.

-  Tree/Shrub to be removed.
-  TPO Trees

A Updated to reflect latest AIA and layout.		JB	30.03.24
Rev	Description	Drawn	Date

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Project Title  
**Blackrooft, Huddersfield**

Drawing Title  
**Tree Protection & Tree Removal Plan**

Scale	Drawn By	Checked By	Authorised By
1:1000	JB		
Job No.	Date	Drawn No.	Drawn
	29.04.24		
Job No.	Drawing No.	Revision	
	BMF-TPP	A	

Original Sheet Size A3

