

Environmental Impact Assessment Report

Appendix C9 Landscape and Visual Impact Assessment

Grangemouth Flood Protection Scheme 2024
Falkirk Council



GRANGEMOUTH
Flood Protection Scheme
Protecting the heart of our communities

Appendix C9.1

See following tree survey reports as detailed below:
(links to appendices)

1) GFPS Tree Survey by Caledon Tree Consultants Ltd – Ref S011019SR

Date: October 2019

Appendix C9.1a – GFPS Tree Survey Report

Appendix C9.1b – GFPS Tree Survey Schedule

2) Zetland Park Tree Survey by Alan Motion Tree Consulting Ltd

Date: September 2018

Appendix C9.1c – Zetland Tree Survey Report and Schedule

Caledon Tree Consultants Ltd

info@caledontreeconsultants.com

BS 5837 Tree Survey

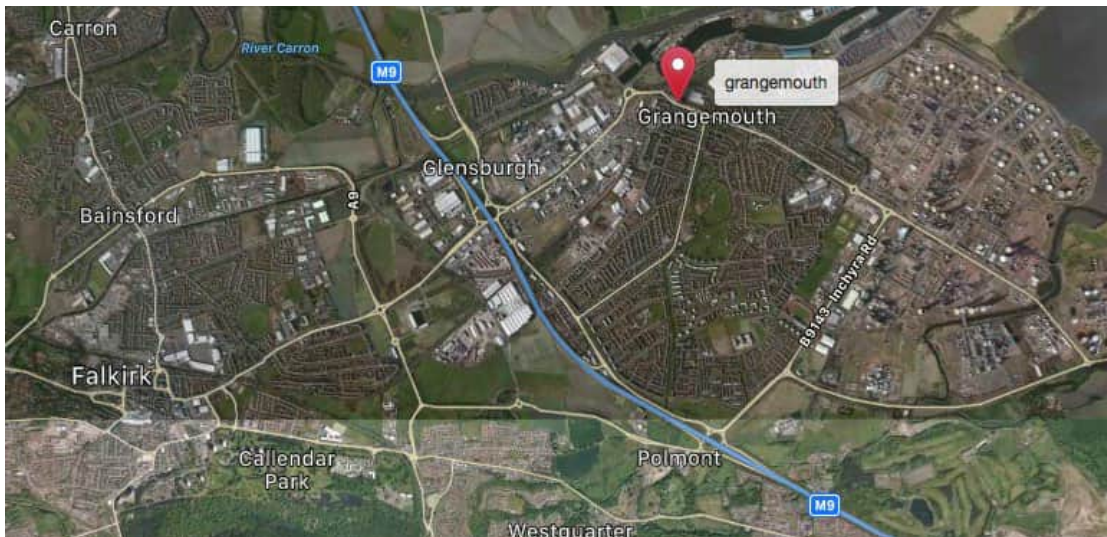
Site Grangemouth Flood Prevention Scheme

Grid Reference NS 92762 82078
(centre of survey area)

Client Falkirk Council

Date October 2019

Survey Reference S011019SR Revision 0



56 Aytoun Road Glasgow G41 5HE

T 0141 427 0427 F 0141 427 1015 M 07778 233 703

Registered in Scotland No SC418843

VAT Registration Number: 132 8311 41

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Appendix 1 Key to Survey Spreadsheets

Appendix 2 BS5837:2012 Tree Retention Categories

Attachment 1 Survey Schedule

Attachment 2 Survey Mapping

1 Terms of Reference

1.1 Title

BS 5837 Tree Survey: Grangemouth Flood Prevention Scheme.

1.2 Definition of Survey Area

As indicated on annotated aerial photographs supplied by the client: *Grangemouth Flood Prevention Scheme -Tree Survey Working Areas n-n* by Jacobs Engineering Ltd, 09 July 2019 and on CAD mapping files supplied by the client.

1.3 Authority

The survey was instructed by Mr Cameron Will on behalf of Development Services, Falkirk Council, Abbotsford House, David's Loan, Falkirk FK2 7YZ.

Instruction issued 02 September 2019.

1.4 Survey Team

David Gallacher, Rachel McRae, Peta Glew.

David Gallacher is a Lantra qualified Professional Tree Surveyor and Inspector and is a professional member of The Consulting Arborists Society. Caledon Tree Consultants was established in 1995.

1.5 Date of Inspection

06-25 October 2019.

1.6 Purpose of Survey

The objective of the survey is to provide an assessment of and report on the nature and condition of the tree canopy on various identified sites within the Grangemouth area, where it is proposed to install a flood defiance system.

1.7 Scope of Survey

The scope of the survey is defined as a *Stage 1 Visual Tree Assessment* (Mattheck & Breloer, 1995) and the report is compliant with *British Standard Specification No 5837:2012*.

All comments on specimen condition are made with reference only to the status-quo position of the site at the time of the survey field study. Unless specified, the survey excludes any reference to underground services.

1.8 Limitations

This report is the property of and for the sole use of the clients cited above and should under no circumstances be relied upon by third parties.

The findings contained herein are strictly related to the condition of trees and the pattern of usage of surrounding land evident at the time of the inspection.

1.9 Note on Hazard and Risk in Relation to Trees

Trees are complex living organisms subject to biotic and abiotic influences and the unpredictable forces of nature. In addition, latent defects both above and below ground which may impinge on the health and structural stability of a tree can be present without physical evidence being available to the naked eye. As noted by the Hon Mr Justice Mackay in a recent landmark ruling relating to the issue of tree safety: *“Both experts in the case agree...that there is no such thing as an entirely safe tree”*¹.

The issue of safety surrounding a tree comprises a balance between **Hazard** (defined as the potential to cause harm) and **Risk** (the level of likelihood that a hazardous tree will cause damage). It is part of the purpose of this document, within the specified limitations, to note defects and other conditions within and surrounding the trees which constitute a hazard, and the following report records our observations at the time of inspection.

Assessment of the level of risk associated with any recorded hazard has been made on the basis of current manifest evidence (*eg* proximity of roads, footpaths etc) but it is the responsibility of the client to take account of any alterations to surrounding conditions or pattern of land-use.

¹ *Bowen (A Child) & Ors v The National Trust [2011] EWHC 1992 (QB) (27 July 2011)*

2 Site characteristics

2.1 Location

The survey area comprises designated areas of land within and adjacent to the town of Grangemouth.

The assessed trees are contained within a number of sectors as identified in the client's briefing documentation.

2.2 Elevation

0-10m above sea level.

2.3 Topography

The survey area is generally fairly level with minor landforms and landscaped features.

2.4 Surrounding Landscape

Generally inclined from north to south as defined by the course of the River Forth, the estuary of which lies approximately 3000m from the centre of Grangemouth.

2.5 Wind Exposure

Variable, but the majority of survey sectors are reasonably protected from prevailing winds by surrounding landforms buildings and vegetation. In no sector of the survey area is the wind exposure assessed as being greater than *Moderate*.

2.6 Environment

Soil analysis was not carried out but soil quality is taken to provide an adequate growing medium for the trees.

With the exception of minor isolated areas, drainage as it affects the trees and as identified at the time of the survey appears to be generally effective.

Notwithstanding the presence of serious diseases, the physiological condition of the trees is in general fairly good, reflecting a favourable biotic environment.

3 Abstract

3.1 Note on survey methodology

The canopy examined in this survey is extensive and diverse. For the purpose of analysis the survey field has been divided into *Sectors* (Nos 1-17) based on the canopy outlines identified in the client's briefing documents.

In some cases sectors have been divided into *Sub-sectors* reflecting broadly homogeneous canopy types (eg *Sector 3a, Sector 3b...*).

Within sectors and sub-sectors tree *Groups* have been identified where appropriate (eg *Group 3a.1, Group 3a.2...*). These generally contain trees of minor significance or homogeneous copses in which the trees have not been individually tagged and recorded.

Each sector and sub-sector has been approached with a methodology appropriate to the canopy type; this is outlined for each area in the *Analysis of Survey Sectors* (s4, below).

3.2 Output

The principal output of this survey comprises:

- Survey Schedule -an extensive and detailed record of all trees and groups recorded as prescribed by BS5837:2012. A brief descriptive analysis is also provided for each of the 37 sectors and sub-sectors
- Survey Report -ie this document, in which the findings of the survey are analysed in individual sectors and sub-sectors reflecting the diverse nature of the overall survey area
- Survey Mapping -issued as a .dwg file with .jpg extracts in the Survey Report

3.3 Note on Tree Diseases

A number of serious pathological conditions affecting trees have been identified in the survey, in some cases impacting on very significant elements of the canopy.

In addition to established diseases such as Dutch Elm Disease (from *Ophiostoma novo-ulmi*) and Bleeding Canker of Horsechestnut, (from *Pseudomonas syringae pv. Aesculi*), the recent period has seen the widespread emergence of Chalara Ash Dieback, *Hymenoscyphus fraxineus* in that species, and this has now reached epidemic proportions in the Grangemouth area, as elsewhere.

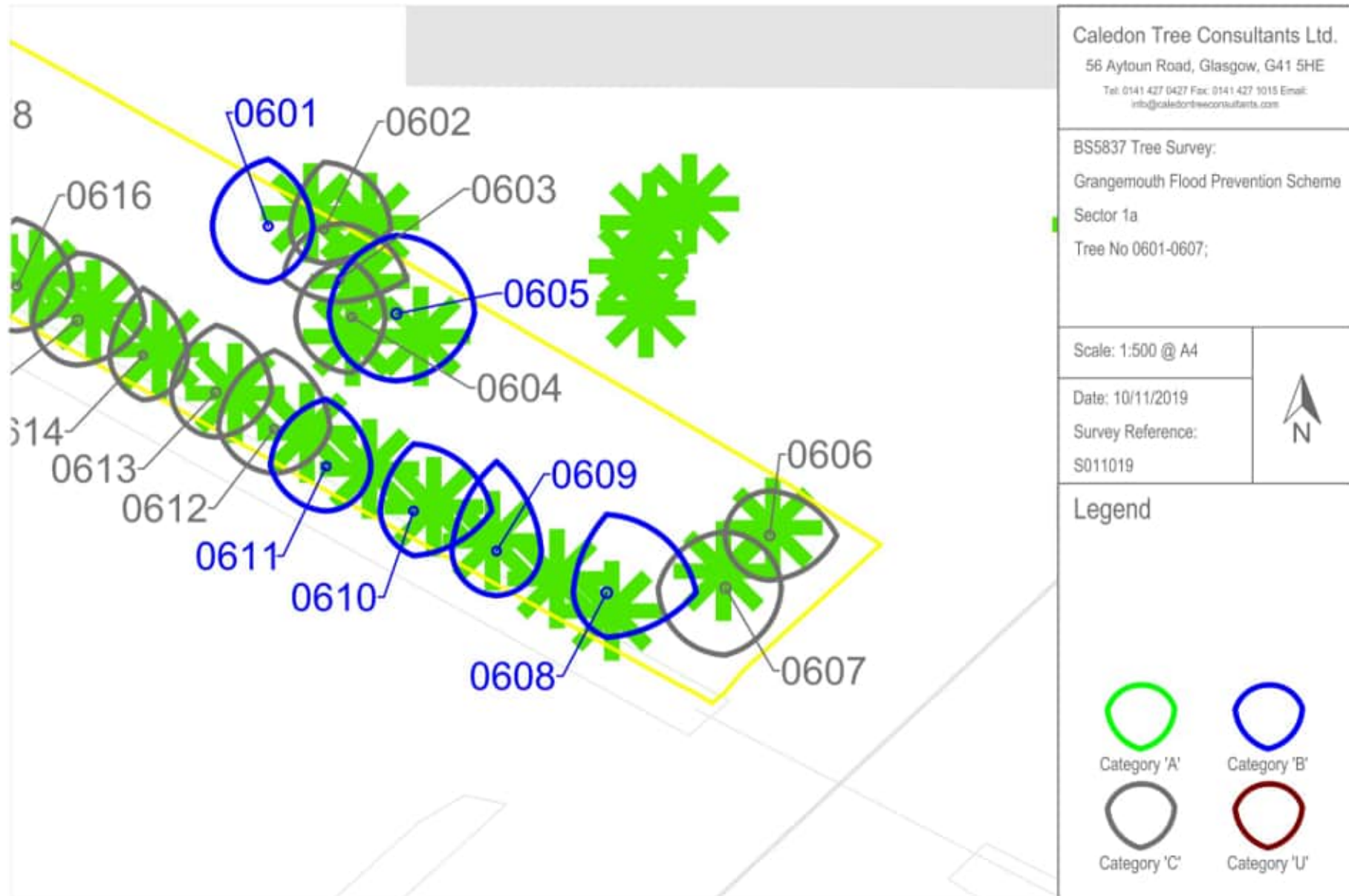
The impact of the disease within the survey area is substantial. In addition to affecting the young specimens which readily self-generate in natural environments, two of the most significant urban planting schemes (Rannoch Park and Grangeburn Road) are comprised solely or principally of relatively young and well-formed Ash offering a high level of visual and ecological amenity. See *Image No 03* in *Survey Photographs* at s6, (below) for example. More fortunately, the proportion of Ash in the valuable young native plantations in the Carron area and in the Forth Ports screening line is very small.

Whilst the pathology of this disease is not yet fully defined, it is to be expected that that smaller/younger trees will be lost in the present timeframe, and that older/larger specimens will be killed within a few years. There are no practical remediation measures available.

4 Analysis of Survey Sectors

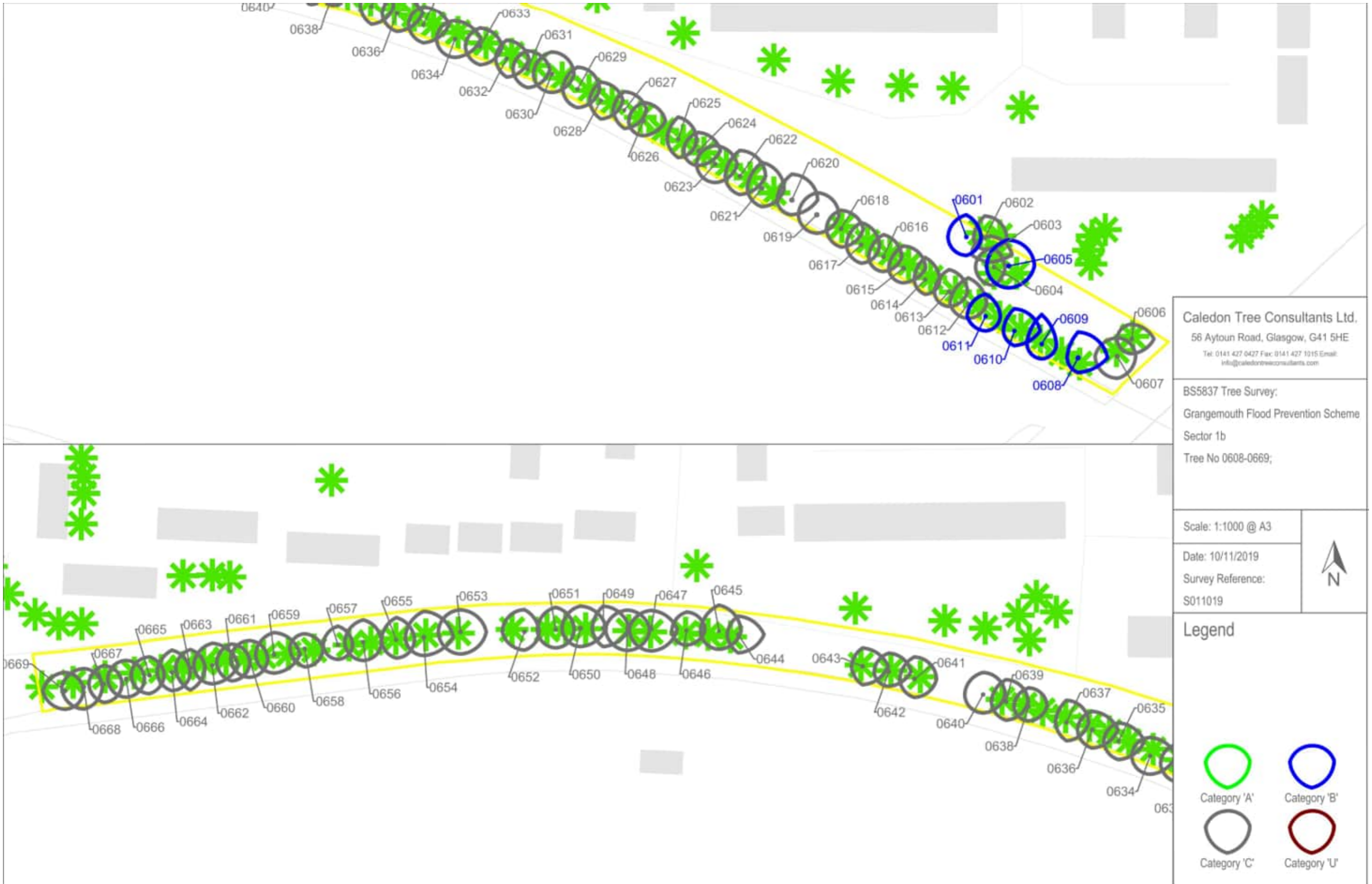
4.1	Sector 1a	Rannoch Park East
4.1.1	Trees No	0601-0607
4.1.2	Groups No	N/A
4.1.3	Location	East corner of open/amenity area at Rannoch Park Grid Ref (centre of sector) NS 93142 79793
4.1.4	Species	Whitebeam, Sycamore
4.1.5	Methodology	All specimens individually tagged and recorded
4.1.6	Canopy Type	Small groups of broadleaf trees adjacent to footpaths
4.1.7	Analysis	0601-0606 form a small copse on lawns in good overall condition and offering good visual amenity 0607 & 0608 are young Sycamores on edge of a roadside embankment which have been coarsely lopped
4.1.8	Categorisation	Reasonably well-formed trees within copse graded at <i>BS5837:2012 Retention Category B2</i> All other trees graded at <i>Category C2</i>
4.1.9	Recommendations	None
4.1.10	Sector 1a Mapping	Rannoch Park East





4.2	Sector 1b	Rannoch Park
4.2.1	Trees No	0608-0669
4.2.2	Groups No	N/A
4.2.3	Location	North bank of Grange Burn at Rannoch Park Grid Ref (centre of sector) NS 93024 79840
4.2.4	Species	European Ash
4.2.5	Methodology	All specimens individually tagged and recorded
4.2.6	Canopy Type	Linear group of homogeneous specimens in formal profile
4.2.7	Analysis	Young well-formed trees offering very high visual amenity. See <i>Image No 03</i> in <i>Survey Photographs</i> at <i>s6</i> , (below)
		All specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at <i>s3.3</i> of Report and <i>Image No 02</i> in <i>Survey Photographs</i> at <i>s6</i> , below
4.2.8	Categorisation	All trees graded at <i>BS5837:2012 Retention Category C2</i> due to severely limited life expectancy
4.2.9	Recommendations	Monitor progression of Chalara Ash Dieback
4.2.10	Sector 1b Mapping	Rannoch Park








Caledon Tree Consultants Ltd.
 56 Aytoun Road, Glasgow, G41 5HE
 Tel: 0141 427 0427 Fax: 0141 427 1015 Email: info@caledontreeconsultants.com

BS5837 Tree Survey:
 Grangemouth Flood Prevention Scheme
 Sector 1b
 Tree No 0608-0669;

Scale: 1:1000 @ A3
 Date: 10/11/2019
 Survey Reference:
 S011019

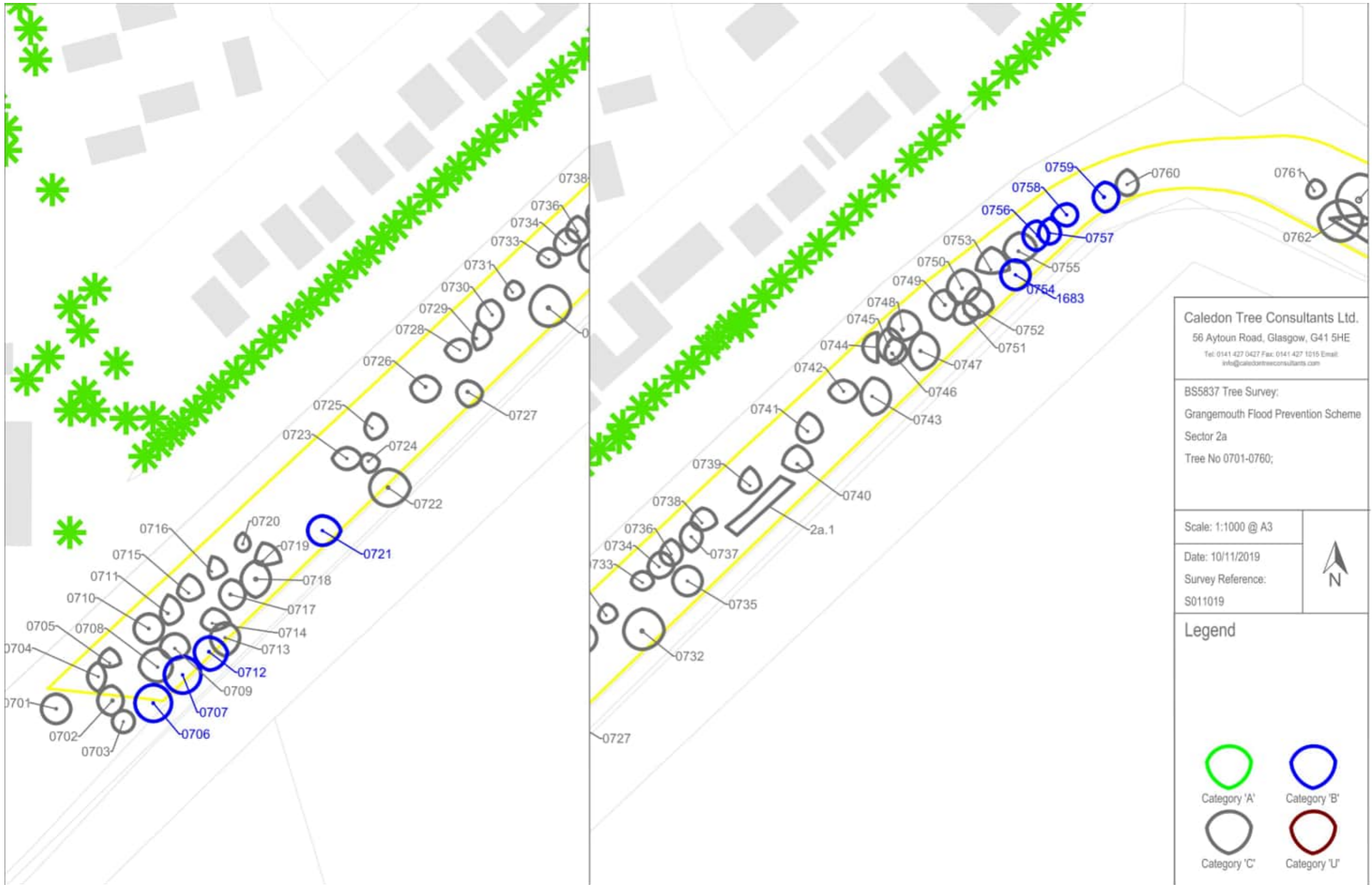
Legend

	
Category 'A'	Category 'B'
	
Category 'C'	Category 'U'

4.3	Sector 2a	Inchyra Road East
4.3.1	Trees No	0701-0760
4.3.2	Groups No	2a.1
4.3.3	Location	Between Inchyra Road and Grange Burn Grid Ref (centre of sector) NS 93344 79913
4.3.4	Species	Mixed broadleaves
4.3.5	Methodology	Larger/more significant specimens individually tagged and recorded. Prominent trees within young clusters tagged and recorded as representative of surrounding sps
4.3.6	Canopy Type	Screening/amenity planting of young trees in homogeneous small clusters and as individual specimens
4.3.7	Analysis	Relatively recent planting scheme of broadleaves with high proportion of Scottish native species. Some well-formed individual specimens of Sycamore and Ash on top of embankment and occasional older established Hawthorns <i>Group 2a.1</i> is an extensive cluster of young Crack Willow sps Overall condition adequate with some areas of congestion All Ash specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report
4.3.8	Categorisation	Viable young specimens and older Hawthorns graded at <i>BS5837:2012 Retention Category B2</i> All other trees graded at <i>Category C2</i>
4.3.9	Recommendations	Monitor progression of Chalara Ash Dieback

4.3.10 Sector 2a Mapping Inchyra Road East









Caledon Tree Consultants Ltd.
 56 Aytoun Road, Glasgow, G41 5HE
 Tel: 0141 427 0427 Fax: 0141 427 1015 Email: info@caledontreeconsultants.com

BS5837 Tree Survey:
 Grangemouth Flood Prevention Scheme
 Sector 2a
 Tree No 0701-0760;

Scale: 1:1000 @ A3
 Date: 10/11/2019
 Survey Reference:
 S011019

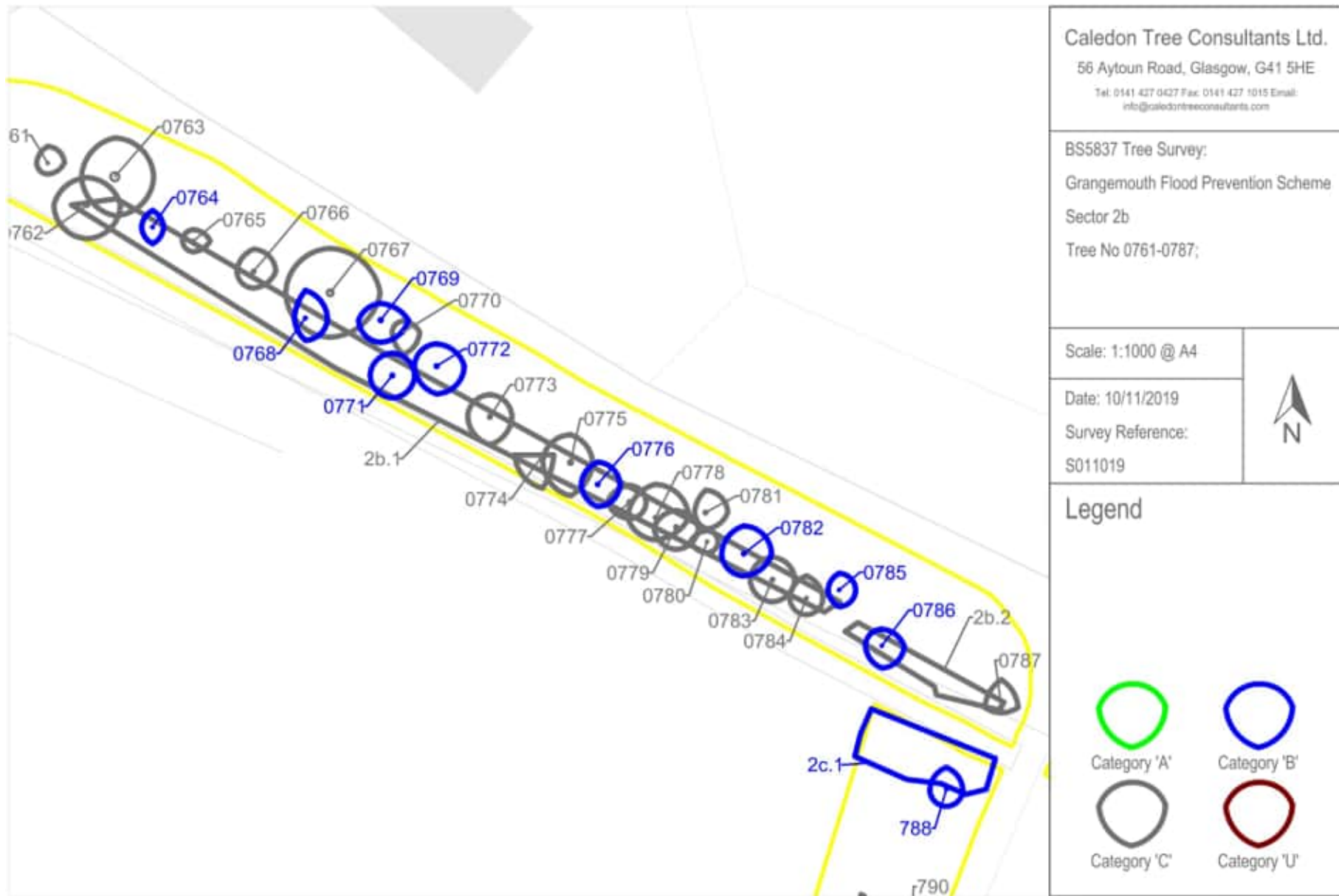


Legend

	
Category 'A'	Category 'B'
	
Category 'C'	Category 'U'

4.4	Sector 2b	Wholeflats Road West
4.4.1	Trees No	0761-0787
4.4.2	Groups No	2b.1; 2b2
4.4.3	Location	Between Wholeflats Road (West section) and Grange Burn Grid Ref (centre of sector) NS 93612 80007
4.4.4	Species	Mixed broadleaves
4.4.5	Methodology	Larger/more significant specimens individually tagged and recorded Prominent trees within young clusters tagged and recorded as representative of surrounding sps
4.4.6	Canopy Type	Sporadic trees in dense scrub undercanopy
4.4.7	Analysis	Mature Hawthorn and Goat Willow sps with younger self-seeded broadleaves in dense scrub undergrowth
		 <i>Groups 2b.1 and 2b.2 are more dense clusters of similar sps</i> Overall condition adequate
4.4.8	Categorisation	Viable young specimens and older Hawthorns graded at <i>BS5837:2012 Retention Category B2</i> All other trees graded at <i>Category C2</i>
4.4.9	Recommendations	None
4.4.10	Sector 2b Mapping	Wholeflats Road West

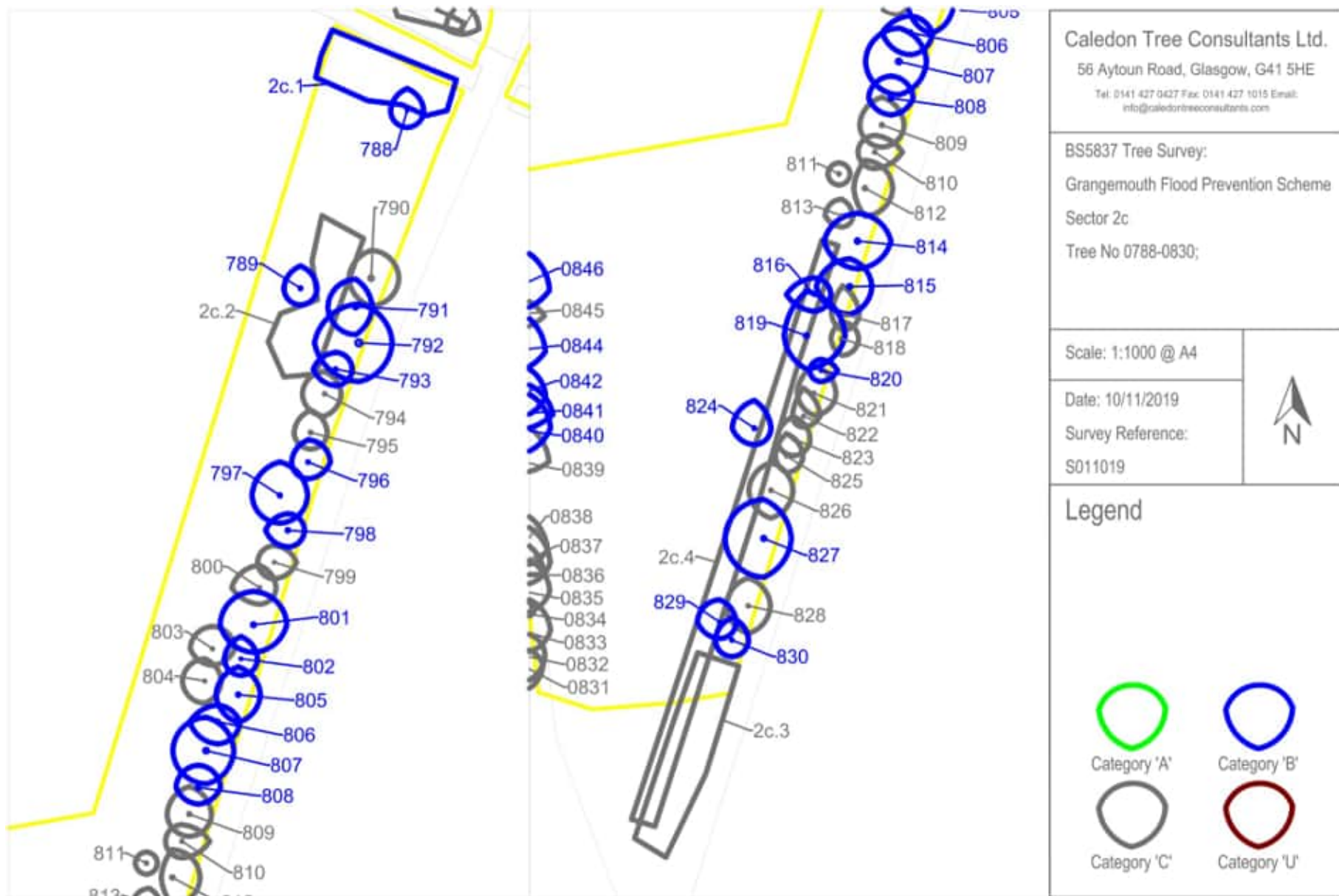




4.5	Sector 2c	Smiddy Brae West
4.5.1	Trees No	0788-0830
4.5.2	Groups No	2c.1; 2c.2; 2c.3; 2c.4
4.5.3	Location	West of Smiddy Brae
		Grid Ref (centre of sector) NS 93674 79808
4.5.4	Species	Mixed broadleaves
4.5.5	Methodology	Larger/more significant specimens individually tagged and recorded Prominent trees within young clusters tagged and recorded as representative of surrounding sps
4.5.6	Canopy Type	Screening/amenity planting in clusters; also featuring individual specimen trees
4.5.7	Analysis	Relatively recent planting scheme featuring broadleaves in clusters; also numerous individual specimens having good development potential
		Some well-formed individual specimens of Sycamore and Ash on top of embankment and occasional older established Hawthorns
		<i>Group 2c.1</i> is a small corpse containing mature hawthorns and younger broadleaves with dense undercanopy
		<i>Group 2c.2</i> is a loose cluster of young self-seeded Alders on marshy ground
		<i>Group 2c.3 & Group 2c.4</i> are groups/lines of self-seeded young Ash specimens
		All Ash specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report
4.5.8	Categorisation	Viable young specimens generally graded at <i>BS5837:2012 Retention Category B2</i> All other trees graded at <i>Category C2</i>
4.5.9	Recommendations	Monitor progression of Chalara Ash Dieback

4.5.10 Sector 2c Mapping Smiddy Brae West





4.6	Sector 2d	MacDonald Inchyra Hotel
4.6.1	Trees No	0831-0846
4.6.2	Groups No	N/A
4.6.3	Location	East perimeter of Hotel compound (0831-0838) and residential property (0839-0846) Grid Ref (centre of sector) NS 93614 79709
4.6.4	Species	Mixed broadleaves
4.6.5	Methodology	All specimens individually tagged and recorded
4.6.6	Canopy Type	Individual specimen trees on perimeter fencelines
4.6.7	Analysis	Trees on edge of hotel compound in generally poor condition.

Trees on edge of residential property more substantial and in satisfactory condition

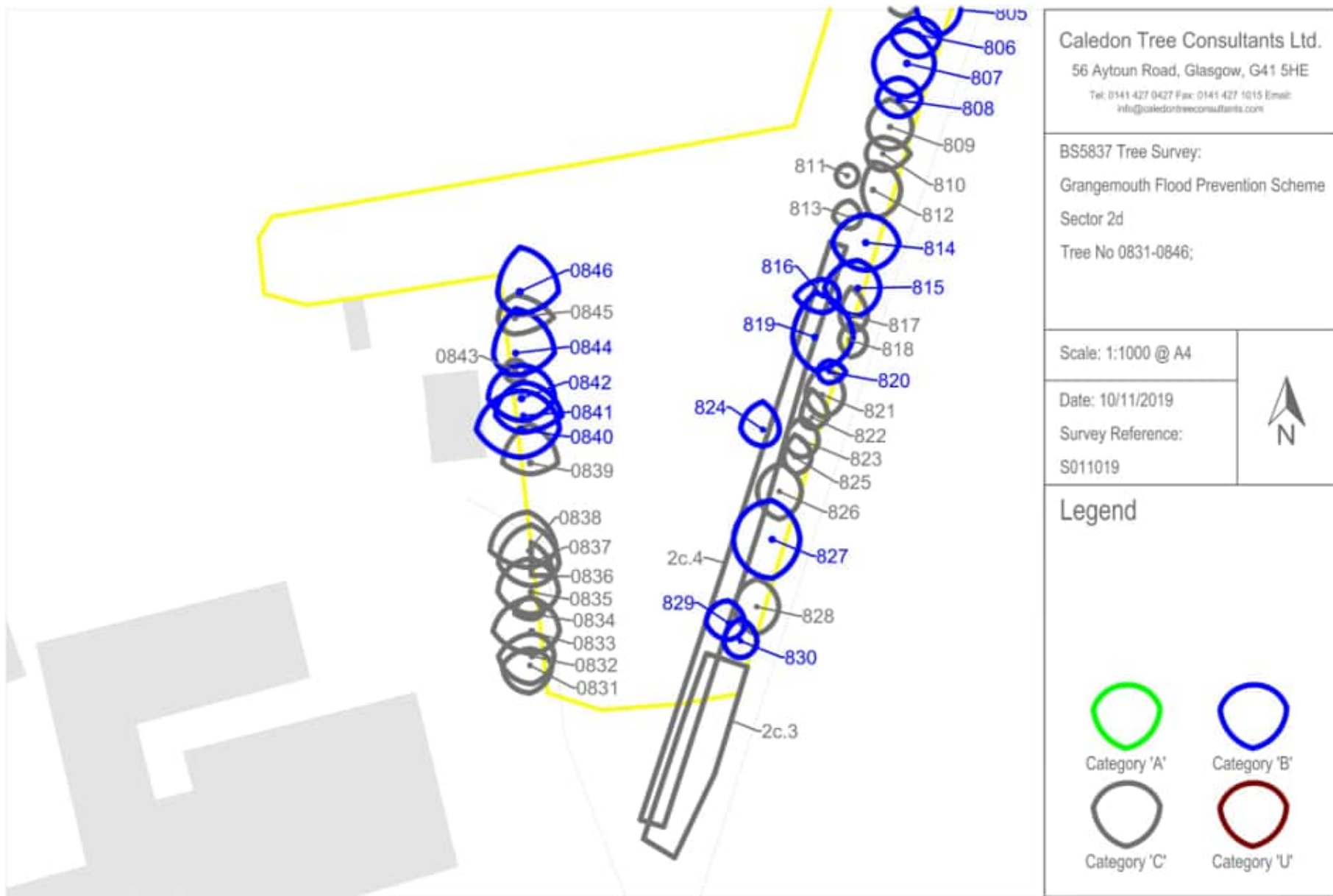
All Ash specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report

4.6.8	Categorisation	Mature specimens on perimeter of residential property in satisfactory condition graded at <i>BS5837:2012 Retention Category B2</i> All other trees graded at <i>Category C2</i>
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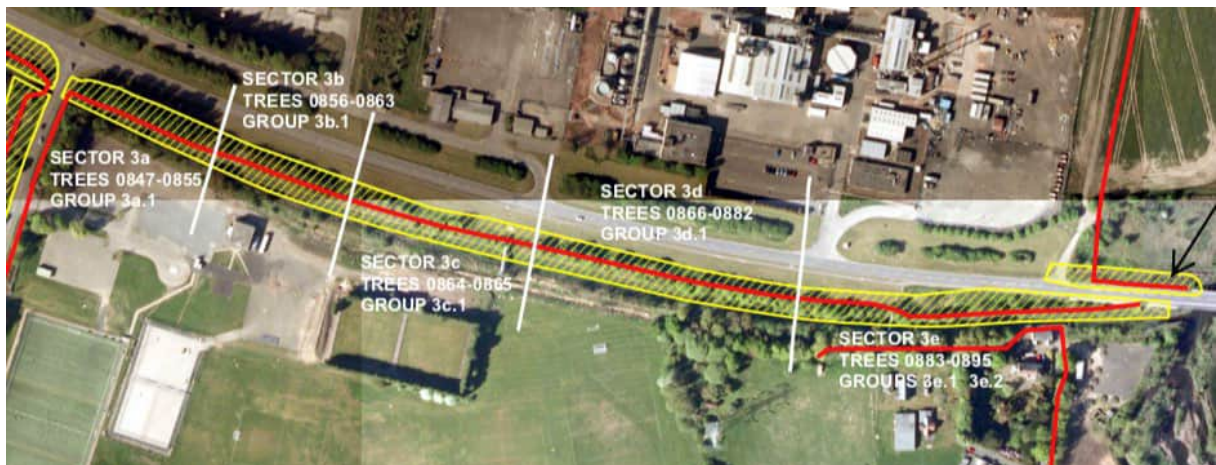
4.6.9	Recommendations	Monitor progression of Chalara Ash Dieback
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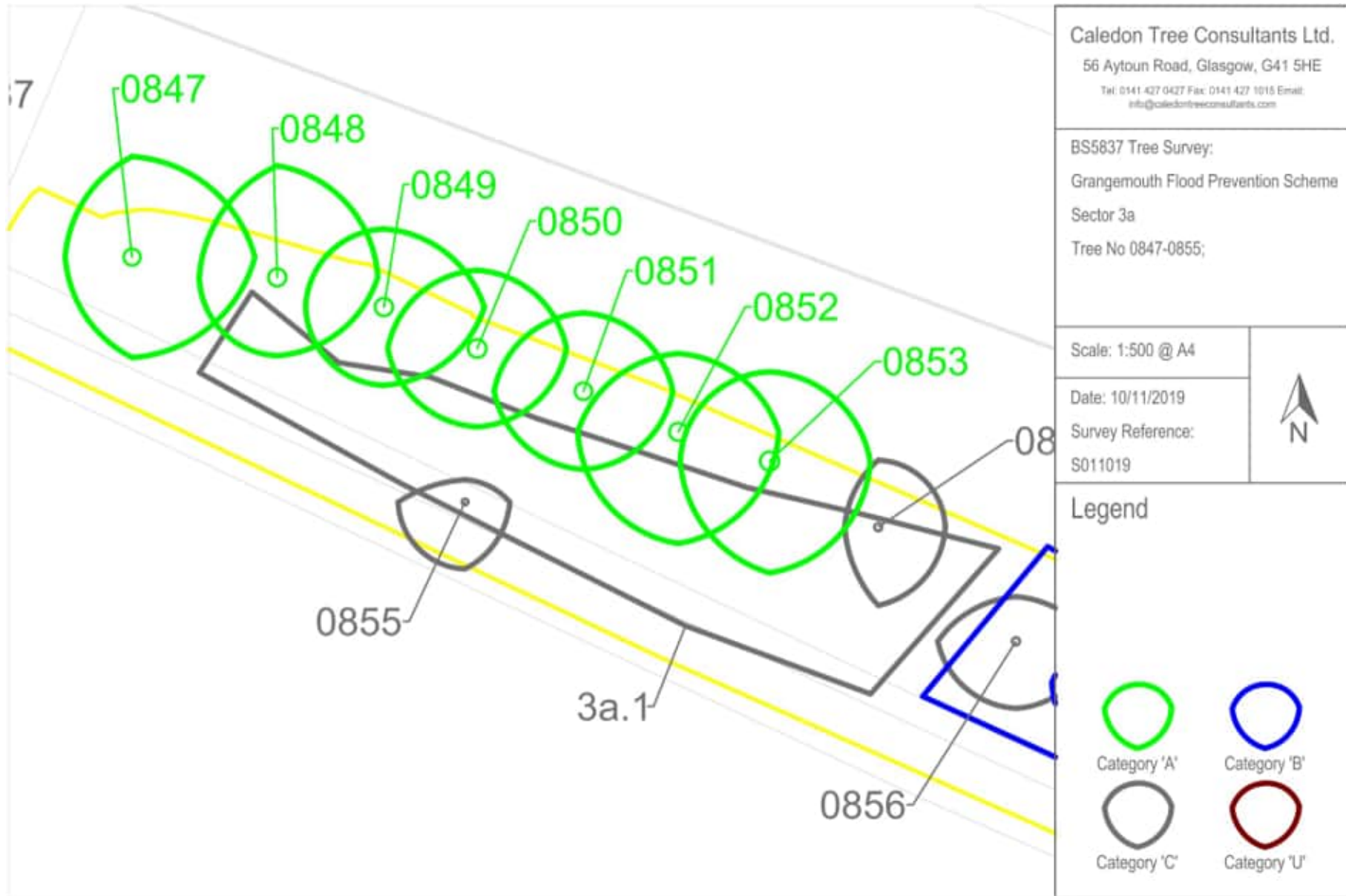
4.6.10	Sector 2d Mapping	MacDonald Inchyra Hotel
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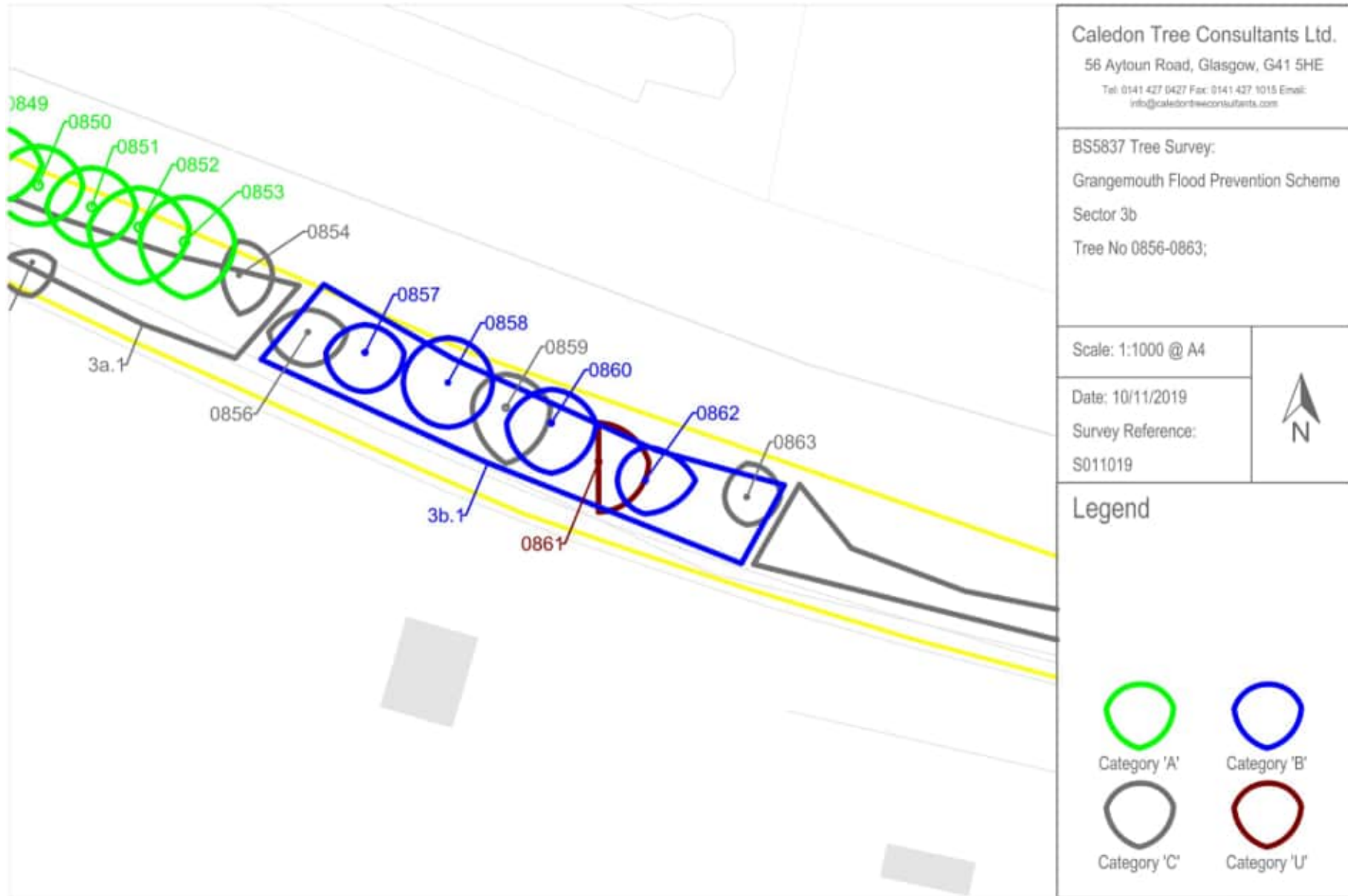
- 4.7 Sector 3a Wholeflats Road South, West section, outer**
- 4.7.1 Trees No 0847-0855
- 4.7.2 Groups No 3a.1
- 4.7.3 Location Outer west section of Wholeflats Rd screening/amenity line
Grid Ref (centre of sector) NS 93773 79920
- 4.7.4 Species Hybrid Black Poplar with occasional other broadleaf specimens
- 4.7.5 Methodology Specimen trees individually tagged and recorded; undercanopy and self-generated trees recorded as Group 3a.1 (Nos 0854 & 0855 tagged as representative examples within group)
- 4.7.6 Canopy Type Individual specimen trees in formal avenue profile; also dense grouping of undercanopy and self-generated trees
- 4.7.7 Analysis Substantial mature Poplars in generally good condition with congested natural regeneration from sucker growth in undercanopy. See *Images No 04 & 05 in Survey Photographs at s6, (below)*
- Some undercanopy specimens now developed into substantial individual trees (No 0854 being the largest)
- Species may be unsuited to location due to invasive root penetration and associated sucker growth -see surface distortion on adjacent footpath in *Image No 06 in Survey Photographs at s6, (below)*
- Species also susceptible to structurally weak timber and branch unions
- 4.7.8 Categorisation Mature individual specimens graded at *BS5837:2012 Retention Category B2* in reflection of stature and visual amenity -but see note at *s4.7.7 (above)*
All other trees graded at *Category C2*
- 4.7.9 Recommendations Monitor progression of Chalara Ash Dieback in undercanopy
- 4.7.10 Sector 3a Mapping Wholeflats Road South, West section, outer



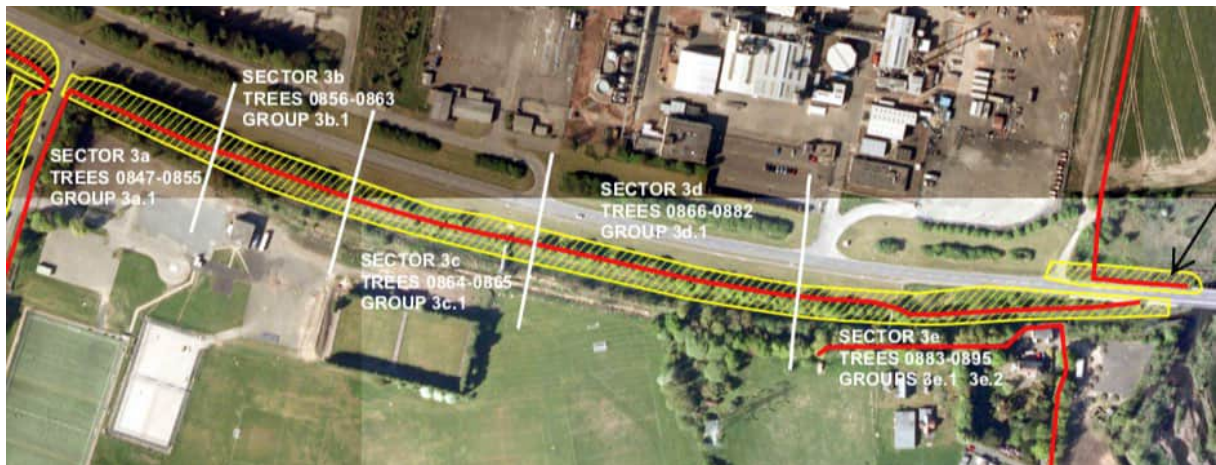


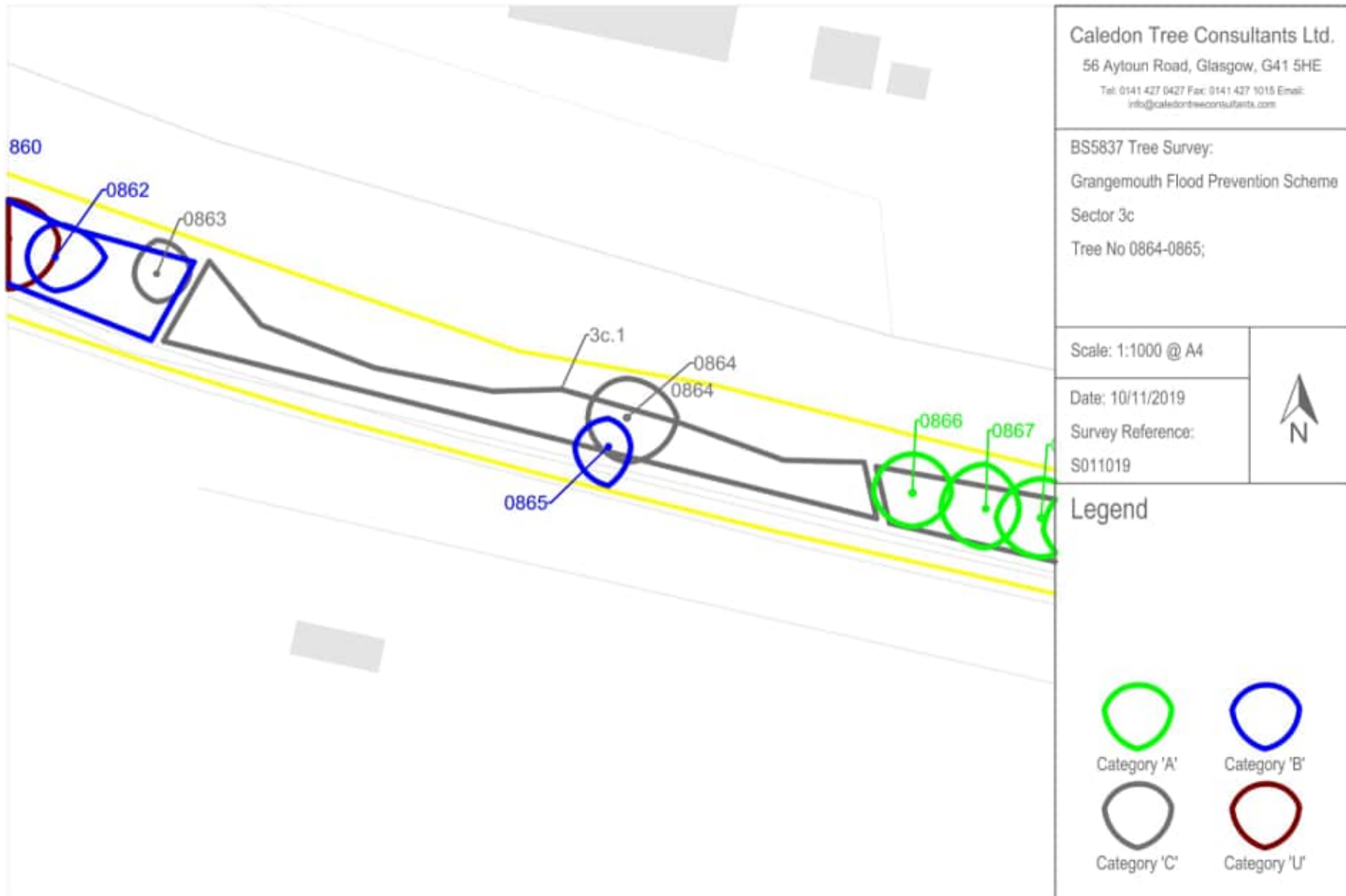
- 4.8 Sector 3b Wholeflats Road South, West section, inner**
- 4.8.1 Trees No 0856-0863
- 4.8.2 Groups No 3b.1
- 4.8.3 Location Inner west section of Wholeflats Rd screening/amenity line
Grid Ref (centre of sector) NS 93852 79886
- 4.8.4 Species Wild Cherry with occasional other broadleaf specimens
- 4.8.5 Methodology Specimen trees individually tagged and recorded; undercanopy and self-generated trees recorded as *Group 3b.1*
- 4.8.6 Canopy Type Individual specimen trees in formal avenue profile; also dense grouping of undercanopy and self-generated trees
- 4.8.7 Analysis Mature Cherries in generally satisfactory condition with congested natural regeneration in undercanopy
- One Whitebeam within formal line is structurally poor
- 4.8.8 Categorisation Most individual Cherry specimens graded at *BS5837:2012 Retention Category B2*
- Group *3b.1* graded at *Category B* in reflection of ecological value
All other trees graded at *Category C2*
- 4.8.9 Recommendations Monitor progression of Chalara Ash Dieback in undercanopy
- 4.8.10 Sector 3b Mapping Wholeflats Road South, West section, inner



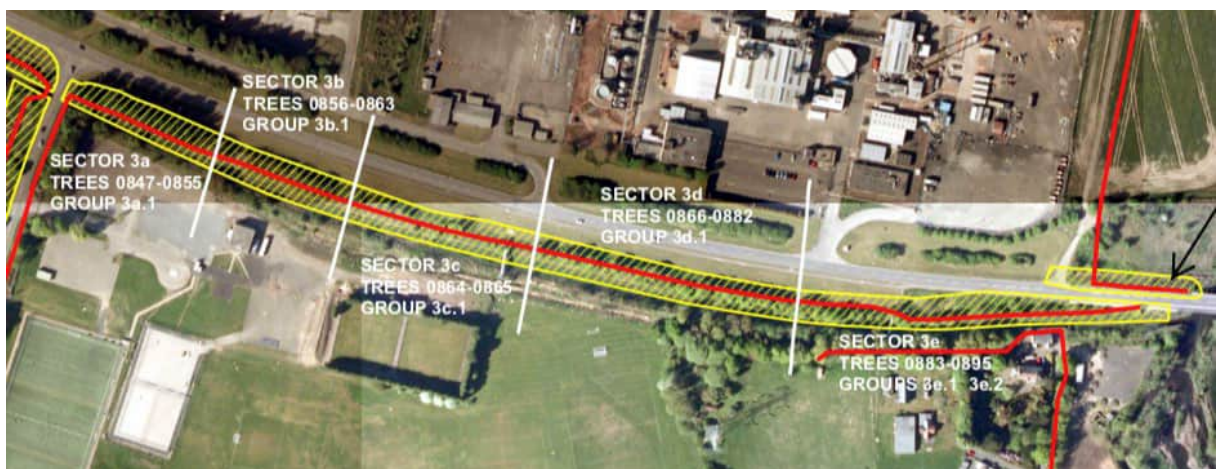


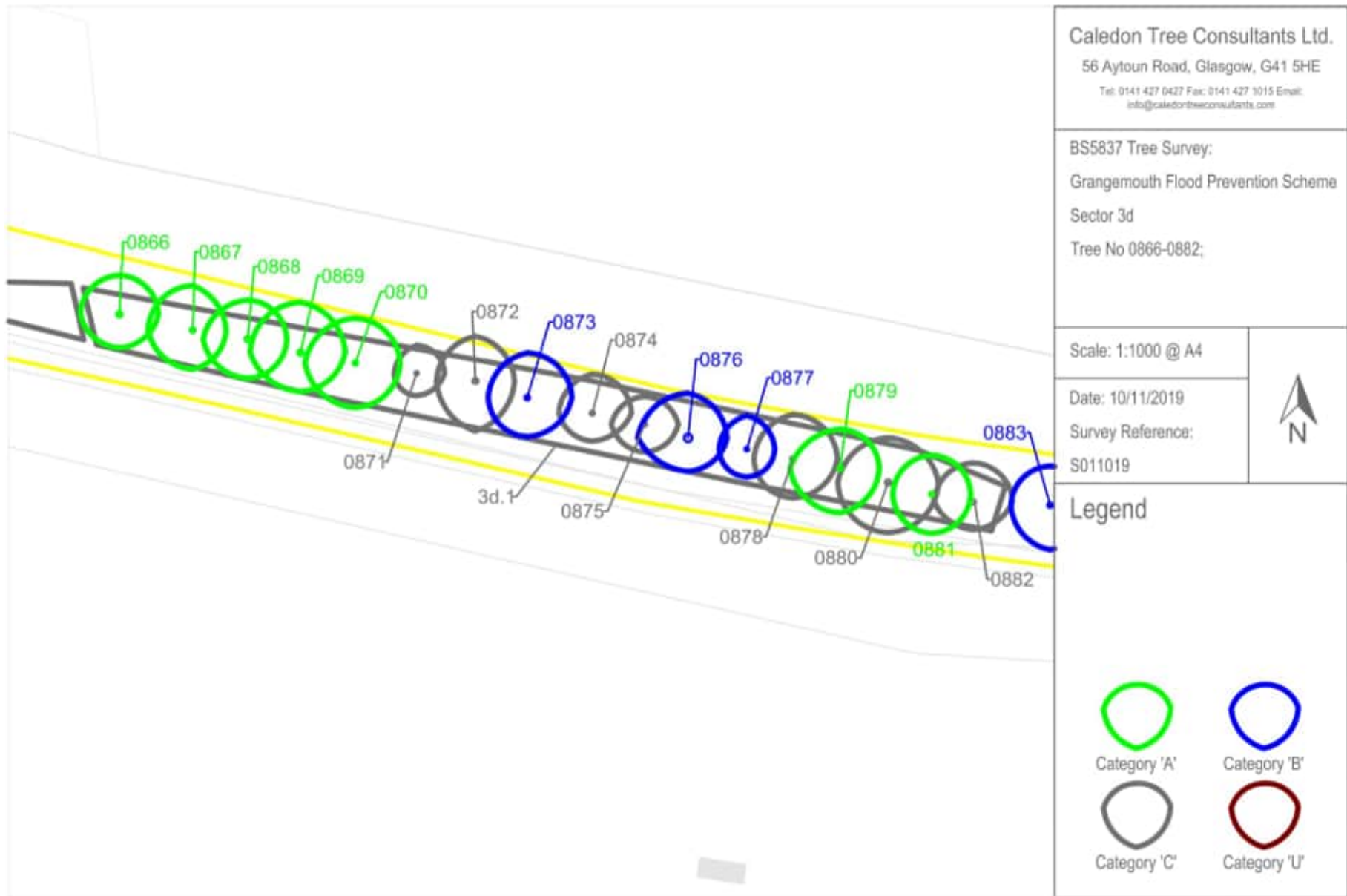
4.9	Sector 3c	Wholeflats Road South, central section
4.9.1	Trees No	0864-0865
4.9.2	Groups No	3c.1
4.9.3	Location	Central section of Wholeflats Rd screening/amenity line Grid Ref (centre of sector) NS 93969 79848
4.9.4	Species	Mixed broadleaves
4.9.5	Methodology	Specimen trees individually tagged and recorded; sporadic other specimens recorded as <i>Group 3c.1</i>
4.9.6	Canopy Type	Sparsely populated section including one substantial mature tree
4.9.7	Analysis	Section of screening line largely devoid of trees Presence of one mature Wych Elm suggests that area may have been historically planted in Elm, subsequently lost to Dutch Elm Disease
4.9.8	Categorisation	Young Cherry No 0865 with good development potential graded at <i>BS5837:2012 Retention Category B2</i> Wych Elm 0864 graded at Category C in reflection of susceptibility to Dutch Elm Disease All other trees graded at <i>Category C2</i>
4.9.9	Recommendations	N/A
4.9.10	Sector 3c Mapping	Wholeflats Road South, central section



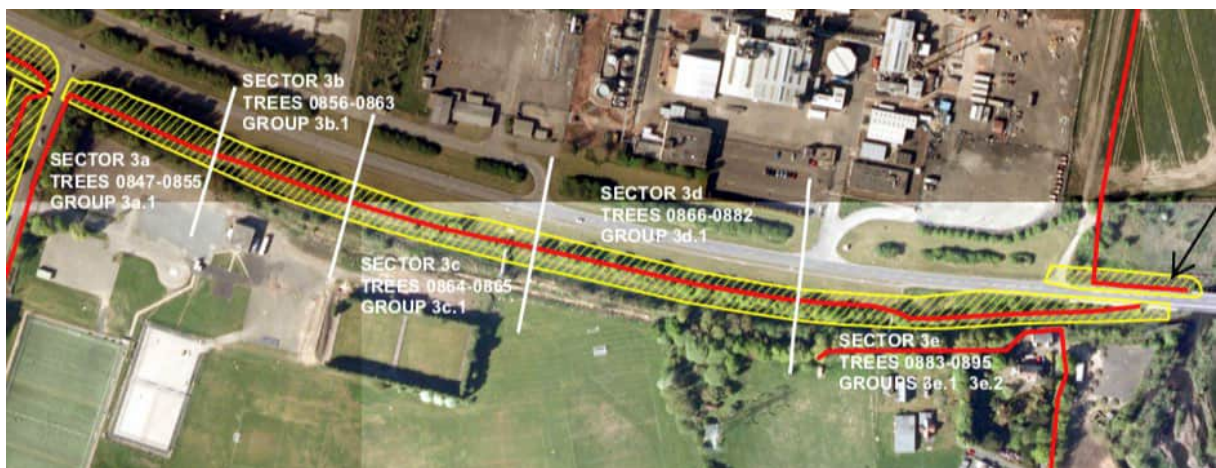


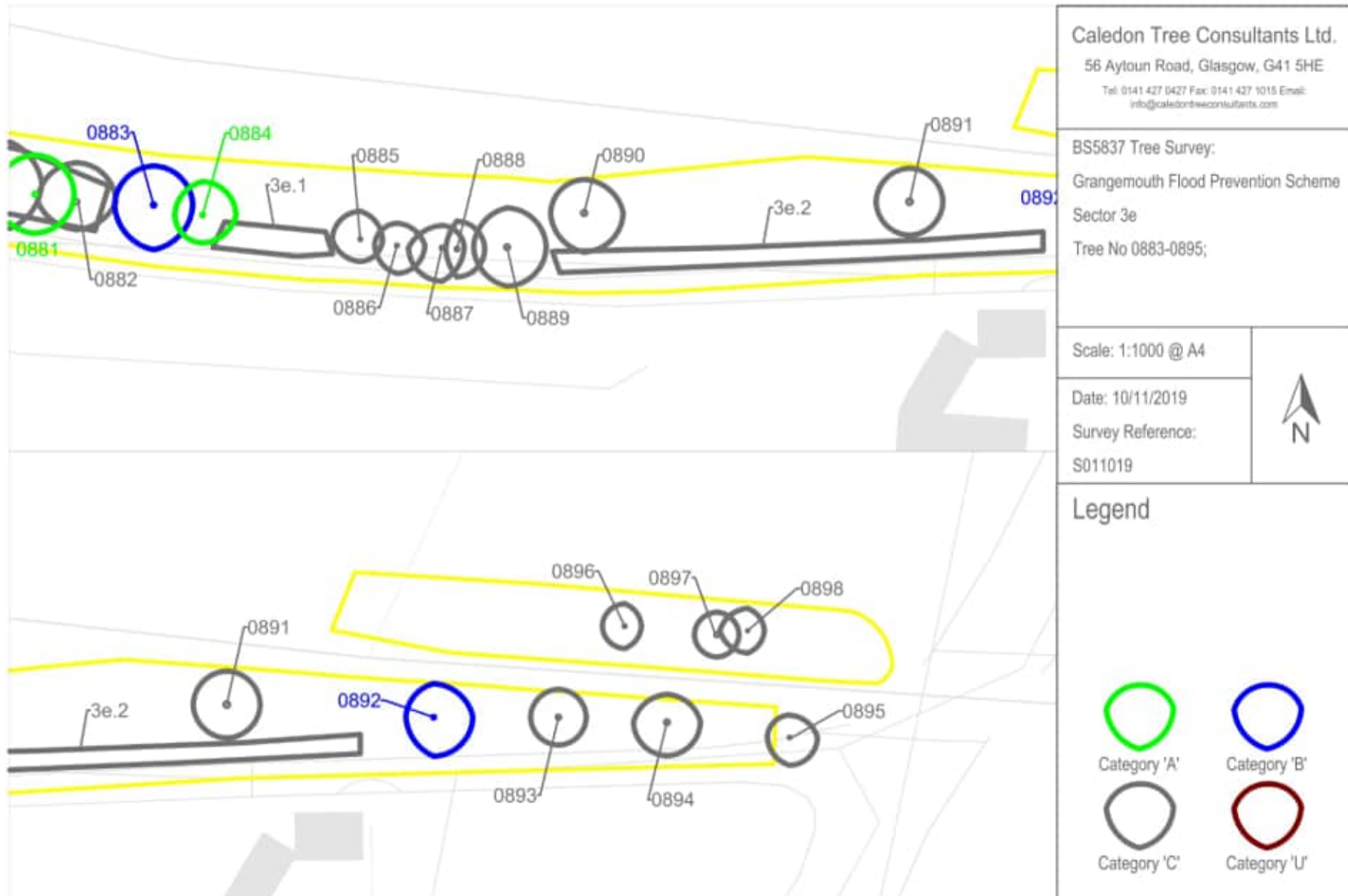
4.10	Sector 3d	Wholeflats Road South, East section, inner
4.10.1	Trees No	0866-0882
4.10.2	Groups No	3d.1
4.10.3	Location	Central section of Wholeflats Rd screening/amenity line Grid Ref (centre of sector) NS 94126 79813
4.10.4	Species	Horsechestnut with occasional other broadleaf specimens
4.10.5	Methodology	Specimen trees individually tagged and recorded; other specimens recorded as <i>Group 3d.1</i>
4.10.6	Canopy Type	Individual specimen trees in formal avenue profile; also dense grouping of undercanopy and self-generated trees. See <i>Image No 08</i> in <i>Survey Photographs</i> at <i>s6</i> , (below)
4.10.7	Analysis	Mature Horsechestnut specimens in variable condition with natural regeneration in undercanopy. includes several well-formed <i>Category A</i> trees, but Bleeding Canker of Horsechestnut present in some other specimens. See <i>Image No 07</i> in <i>Survey Photographs</i> at <i>s6</i> , (below)
		Group 3d.1 comprises undercanopy of Hawthorn with self-seeded young/stretched broadleaves on edge of embankment
4.10.8	Categorisation	Well-formed specimens in good condition graded at <i>BS5837:2012 Retention Category A</i> ; several others at <i>Category B</i>
		Specimens presenting symptoms of Horsechestnut Bleeding Canker graded at <i>Category B or C</i> in reflection of extent of infection
		Group <i>3d.1</i> graded at <i>Category C</i> in reflection of predominance of Ash
4.10.9	Recommendations	Monitor progression of Chalara Ash Dieback in undercanopy
4.10.10	Sector 3d Mapping	Wholeflats Road South, East section, inner





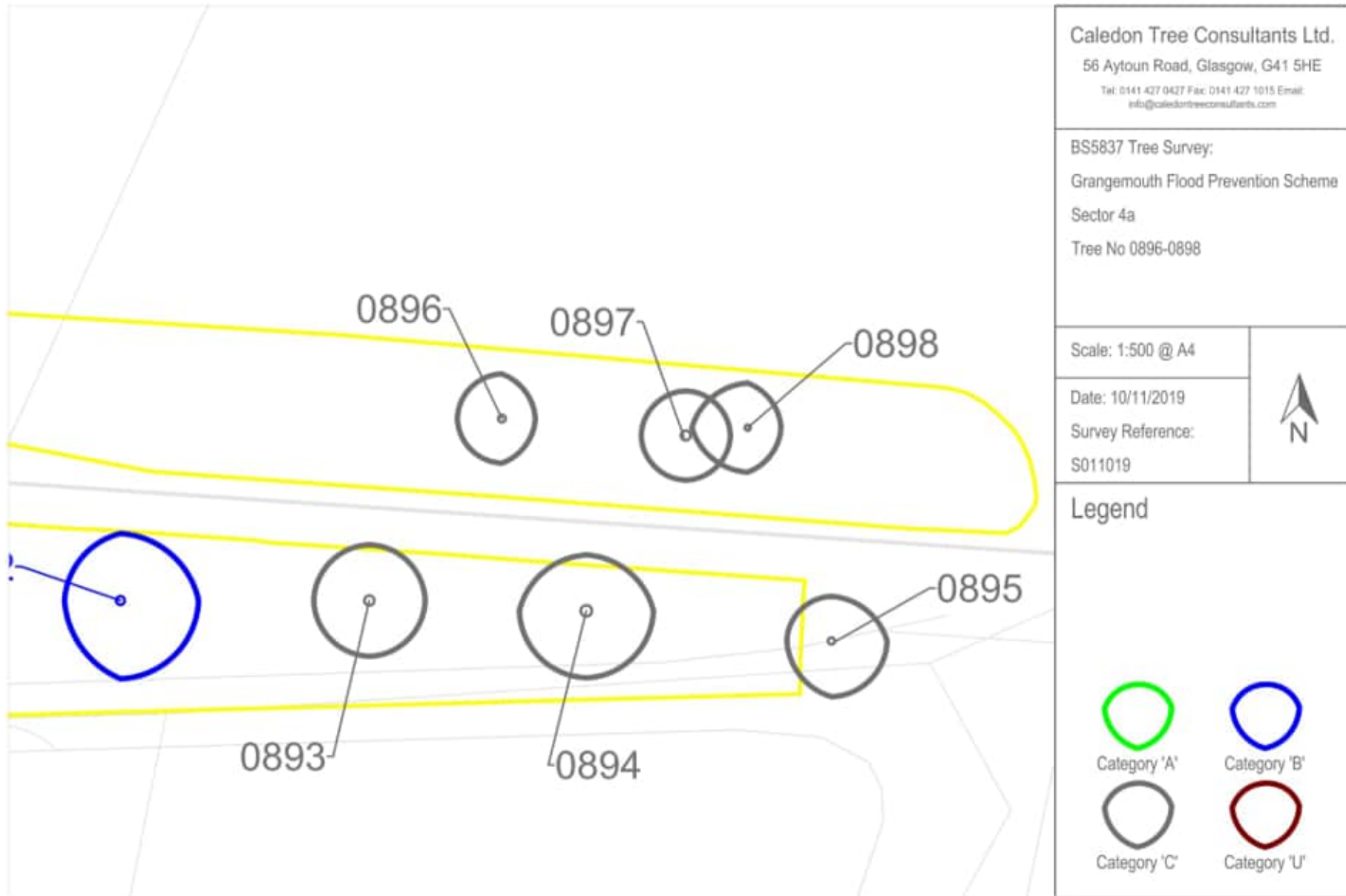
4.11	Sector 3e	Wholeflats Road South, East section, outer
4.11.1	Trees No	0883-0895
4.11.2	Groups No	3e.1 3e.2
4.11.3	Location	Central section of Wholeflats Rd screening/amenity line Grid Ref (centre of sector) NS 94276 79787
4.11.4	Species	Mixed broadleaves
4.11.5	Methodology	Larger or stand-alone trees individually tagged and recorded; other specimens recorded as <i>Groups 3e.1 & 3e.2</i>
4.11.6	Canopy Type	Occasional individual specimens in dense copse of smaller/younger self-generated trees
4.11.7	Analysis	Extensive mixed-species linear copse predominantly featuring mature Hawthorn and Goat Willow with younger self seeded other broadleaves. Nos 0883-0895 represent the largest trees or isolated individual specimens
		Group 3e.1 Is a congested linear group of young Sycamores on the embankment ridge, all with stretched crown development and mostly from coppice regeneration
		Group 3e.2 Is a linear group of Sycamores on embankment ridge; constituent specimens are similar in character to those in 3e.1
4.11.8	Categorisation	Occasional well-formed specimens in good condition graded at <i>BS5837:2012 Retention Category A or B</i> Remaining specimens and groups graded at <i>Category C</i> , including a proportion of young Ash in the undercanopy
4.11.9	Recommendations	Monitor progression of Chalara Ash Dieback in undercanopy
4.11.10	Sector 3e Mapping	Wholeflats Road South, East section, outer





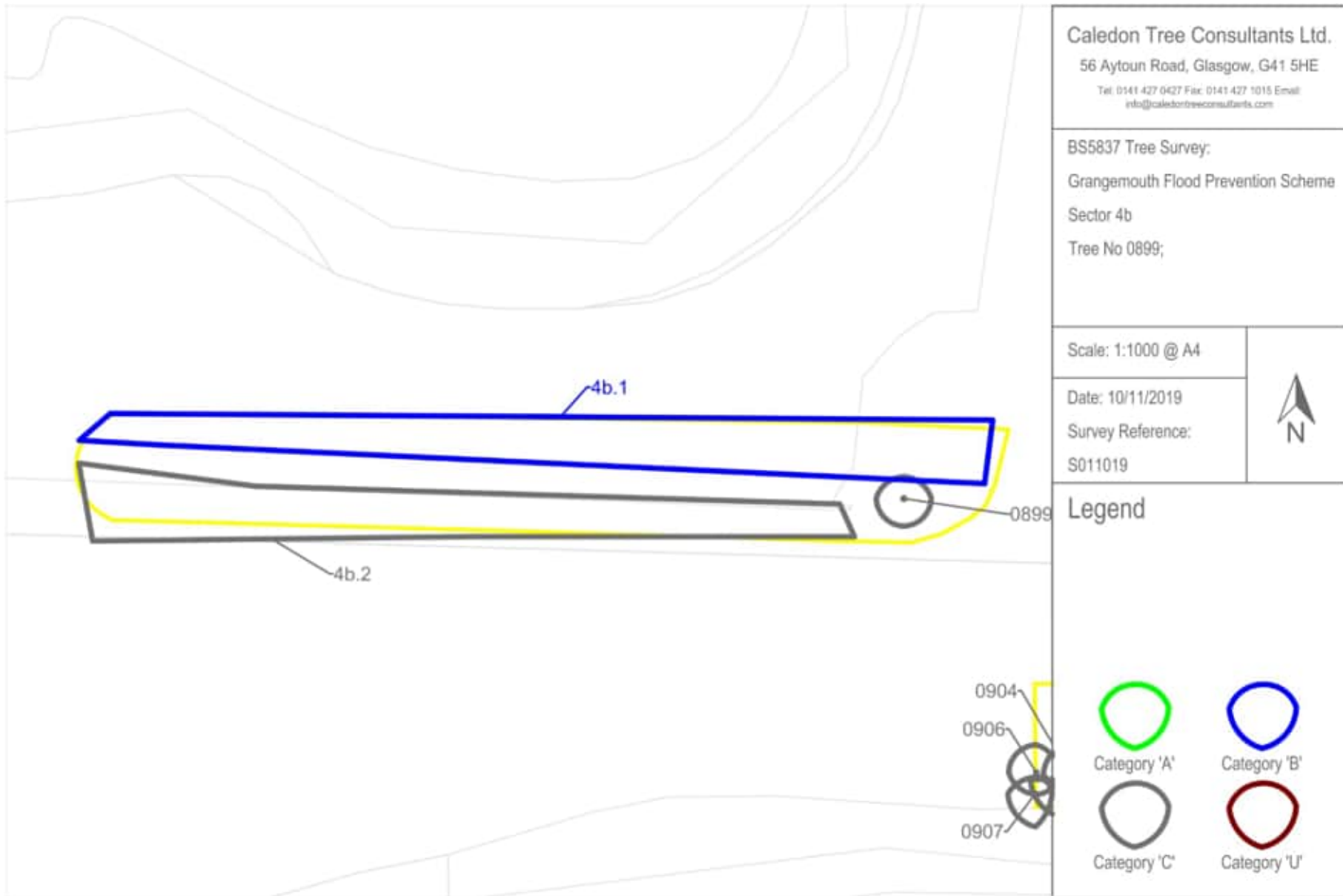
4.12	Sector 4a	Wholeflats Road North, INEOS Land West of Avon Bridge
4.12.1	Trees No	0896-0898
4.12.2	Groups No	N/A
4.12.3	Location	Isolated small sector to north of Wholeflats Rd Grid Ref (centre of sector) NS 94417 79810
4.12.4	Species	Sycamore
4.12.5	Methodology	All qualifying specimens individually tagged and recorded
4.12.6	Canopy Type	Occasional individual young specimens
4.12.7	Analysis	Isolated minor self-seeded broadleaf specimens on roadside
4.12.8	Categorisation	All trees graded at <i>Category C</i>
4.12.9	Recommendations	N/A
4.12.10	Sector 4a Mapping	Wholeflats Road North, INEOS Land West of Avon Bridge





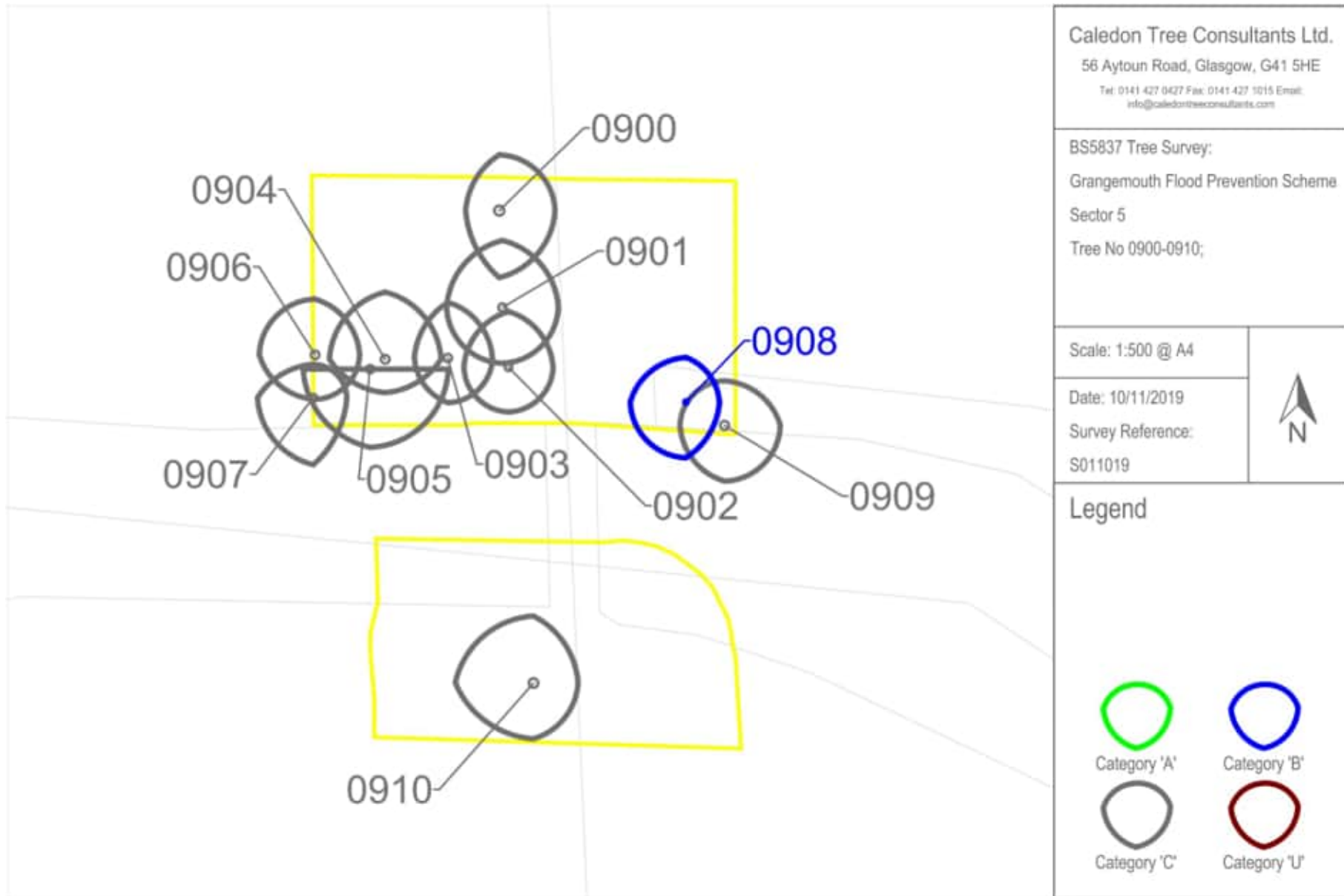
4.13	Sector 4b	Wholeflats Road North, INEOS Land East of Avon Bridge
4.12.1	Trees No	0899
4.12.2	Groups No	4b.1, 4b.2
4.12.3	Location	Isolated sector to north of Wholeflats Rd Grid Ref (centre of sector) NS 94639 79800
4.12.4	Species	Mixed broadleaves (with Scots Pine in plantation)
4.12.5	Methodology	One specimen individually tagged and recorded representing largest of roadside trees; remaining trees assessed as groups
4.12.6	Canopy Type	Roadside trees and outer edge of small plantation
4.12.7	Analysis	Young planted broadleaves on roadside edge of native plantation (Group 4b.1); largest example (0899) individually recorded Group 4b.2 is a mixed species native Scottish plantation with occasional young Sycamore; general condition good with some local congestion
4.12.8	Categorisation	Plantation graded at <i>Category B</i> ; <i>Roadside trees at Category C</i>
4.12.9	Recommendations	Monitor progression of Chalara Ash Dieback in roadside trees
4.13.10	Sector 4b Mapping	Wholeflats Road North, INEOS Land East of Avon Bridge





4.14	Sector 5	Smiddy Brae Bridge
4.14.1	Trees No	0900-0910
4.14.2	Groups No	N/A
4.14.3	Location	River and roadside embankments at Smiddy Brae bridge Grid Ref (centre of sector) NS 94780 79733
4.14.4	Species	Mixed broadleaves
4.14.5	Methodology	All specimens individually tagged and recorded
4.14.6	Canopy Type	Occasional individual specimens
4.14.7	Analysis	Individual broadleaf trees on river bank and adjacent to road bridge; generally modest specimens in early maturity
		All Ash specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report
4.14.8	Categorisation	One young sycamore with good development potential graded at <i>Category B</i> . All remaining trees graded at <i>Category C</i>
4.14.9	Recommendations	Monitor progression of Chalara Ash Dieback in roadside trees
4.14.10	Sector 5 Mapping	Smiddy Brae Bridge





4.15 Sector 6 Grandsable Cemetery

4.15.1	Trees No	0911-0927
4.15.2	Groups No	N/A
4.15.3	Location	Within east perimeter of Cemetery
		Grid Ref (centre of sector) NS 94448 79407
4.15.4	Species	Holly, Yew, Privet
4.15.5	Methodology	All specimens individually tagged and recorded
4.15.6	Canopy Type	Small ornamental specimens in formal profile
4.15.7	Analysis	Formal garden planting of clipped ornamentals

Most in satisfactory condition; some instances of lower crown dieback and reversion growths

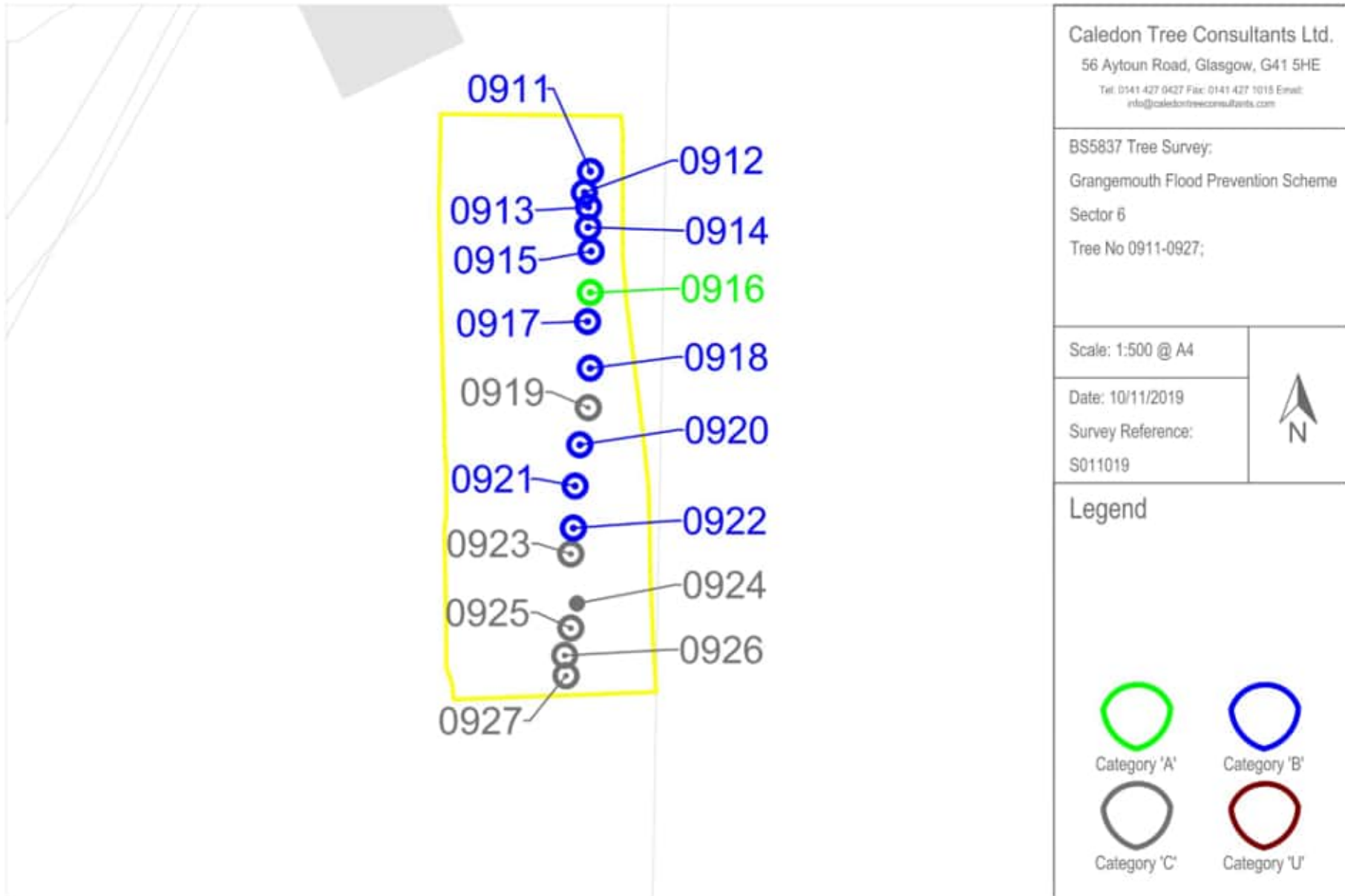
4.15.8 Categorisation Specimens in good physiological condition graded at *Category A* or *B*

Specimens presenting depleted foliage graded at *Category C*

4.15.9 Recommendations N/A

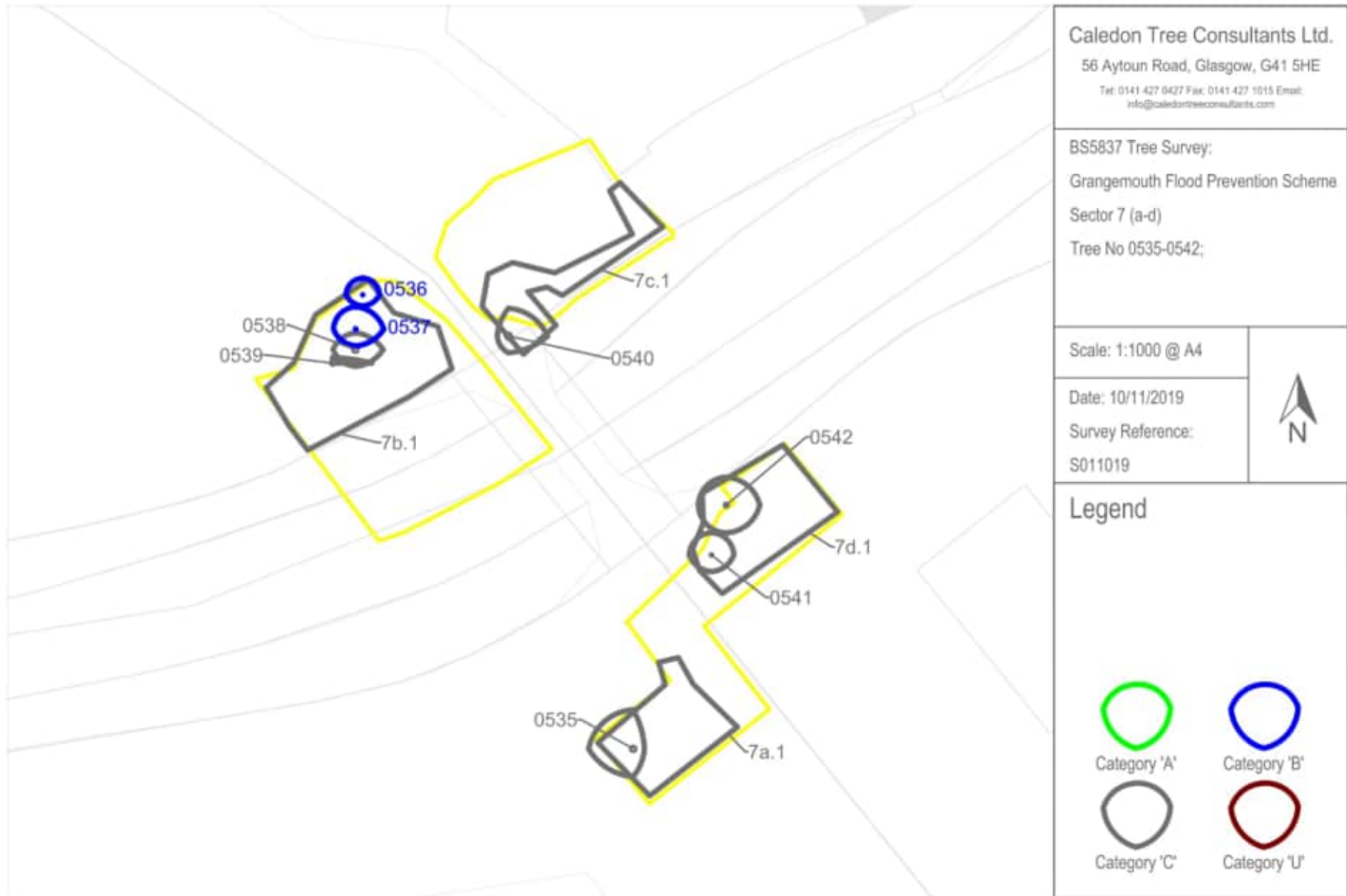
4.15.10 Sector 6 Mapping Grandsable Cemetery





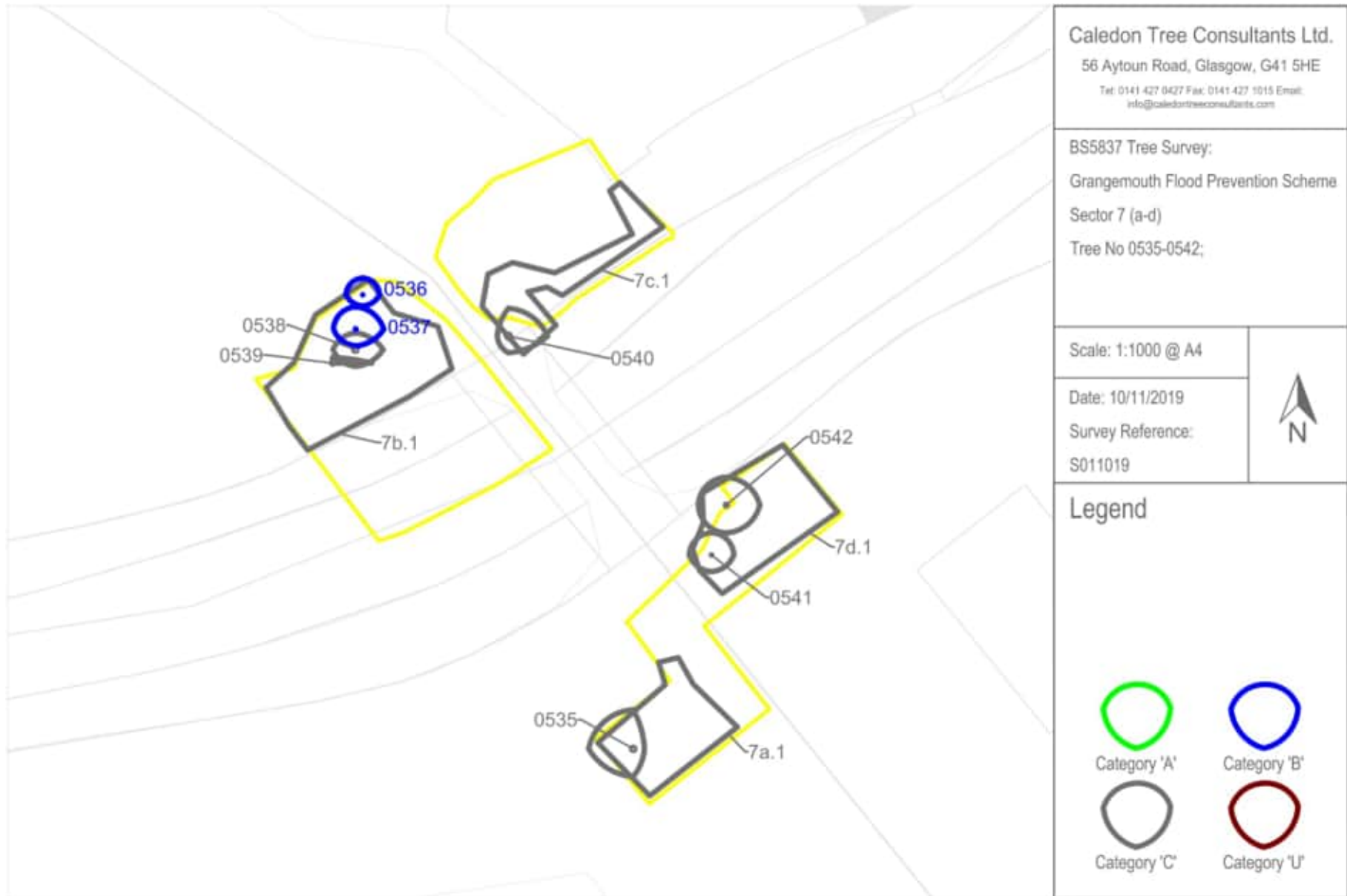
4.16	Sector 7a	Bo'ness Road Bridge SW
4.16.1	Trees No	0535
4.16.2	Groups No	7a.1
4.16.3	Location	Corner of Versalis property at Bo'ness Rd bridge Grid Ref (centre of sector) NS 95444 80485
4.16.4	Species	Mixed broadleaves
4.16.5	Methodology	Sector assessed as grouping (7a.1) with one larger Willow individually recorded (0535)
4.16.6	Canopy Type	Scrub copse adjacent to south bank of River Avon
4.16.7	Analysis	Dense copse of self-seeded broadleaves and undercanopy scrub in area partly waterlogged
4.16.8	Categorisation	All specimens of modest stature offering limited amenity and graded at <i>Category C</i>
4.16.9	Recommendations	N/A
4.16.10	Sector 7a Mapping	Bo'ness Road Bridge SW





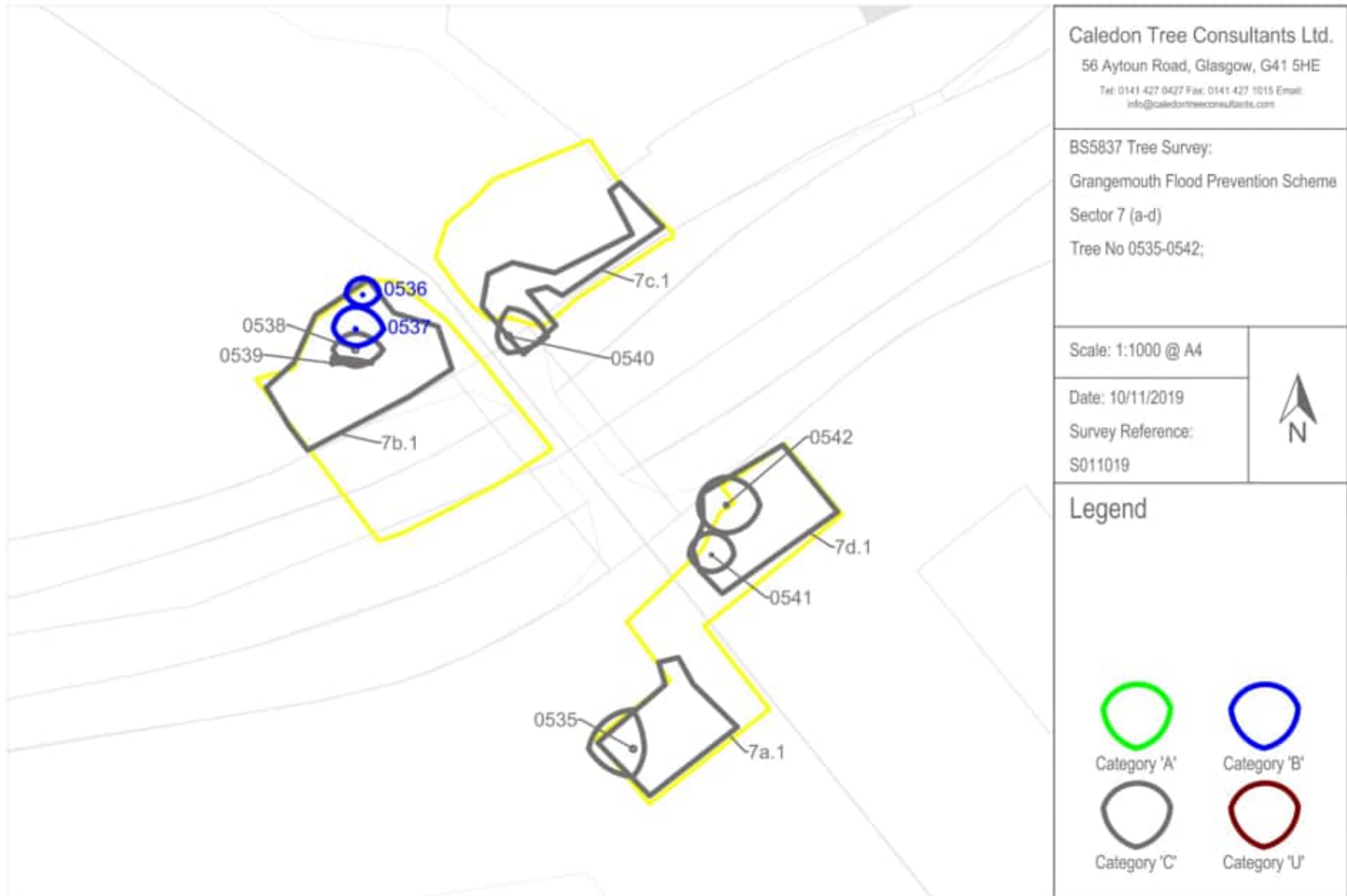
4.17	Sector 7b	Bo'ness Road Bridge NW
4.16.1	Trees No	0536-0539
4.16.2	Groups No	7b.1
4.16.3	Location	Corner of INEOS property at Bo'ness Rd bridge Grid Ref (centre of sector) NS 95392 80553
4.16.4	Species	Mixed broadleaves
4.16.5	Methodology	Several larger/more significant trees individually tagged and recorded; other specimens recorded as Group 7b.1
4.16.6	Canopy Type	Small planted copse with self-generated undercanopy adjacent to south bank of River Avon
4.16.7	Analysis	Congested small self-seeded grouping with dense undercanopy includes occasional planted and individually recorded young Rowan and Alder specimens of with some development potential
4.16.8	Categorisation	Specimens offering development potential graded at <i>Category B</i> . Remaining specimens graded at <i>Category C</i>
4.16.9	Recommendations	N/A
4.17.10	Sector 7b Mapping	Bo'ness Road Bridge NW





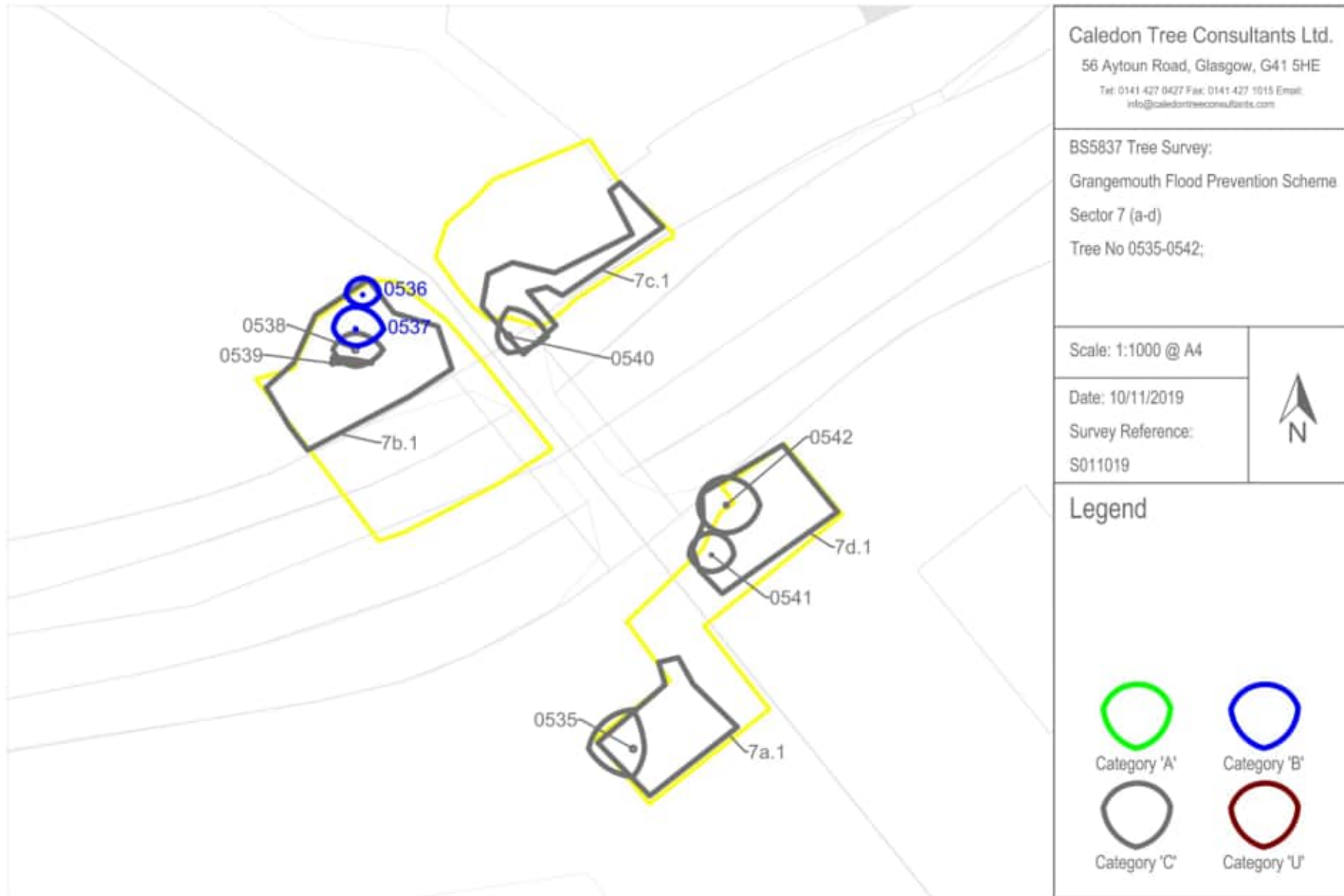
4.18	Sector 7c	Bo'ness Road Bridge NE
4.17.1	Trees No	0540
4.17.2	Groups No	7c.1
4.17.3	Location	Corner of INEOS property at Bo'ness Rd bridge Grid Ref (centre of sector) NS 95417 80563
4.17.4	Species	Mixed broadleaves
4.17.5	Methodology	One larger/more significant tree individually tagged and recorded; other specimens recorded as Group 7c.1
4.17.6	Canopy Type	Isolated scrub and self-generated specimens
4.17.7	Analysis	Sporadic young self-seeded broadleaves on undeveloped land One substantial mature Willow close to base of road bridge
4.17.8	Categorisation	All specimens graded at <i>Category C</i>
4.17.9	Recommendations	N/A
4.18.10	Sector 7c Mapping	Bo'ness Road Bridge NE





4.19.10 Sector 7d	Bo'ness Road Bridge SE
4.19.1 Trees No	0541-0542
4.19.2 Groups No	7d.1
4.19.3 Location	Corner of INEOS FPS property at Bo'ness Rd bridge Grid Ref (centre of sector) NS 95452 80517
4.19.4 Species	Mixed broadleaves
4.19.5 Methodology	Two larger/more significant trees individually tagged and recorded; other specimens recorded as Group 7d.1
4.19.6 Canopy Type	Isolated scrub and self-generated specimens
4.19.7 Analysis	Sporadic young self-seeded broadleaves on undeveloped land Ash specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report
4.19.8 Categorisation	All specimens graded at <i>Category C</i>
4.19.9 Recommendations	Monitor progression of Chalara Ash Dieback in roadside trees
4.19.10	Sector 7d Mapping Bo'ness Road Bridge SE





4.20	Sector 8a	Park Road, Grangemouth
4.20.1	Trees No	0928-0970
4.20.2	Groups No	N/A
4.20.3	Location	East embankment of Grange Burn at Park Road -also extending to north of Bo'ness Rd Grid Ref (centre of sector) NS 92975 81899
4.20.4	Species	Principally Lime and Sycamore; occasional other broadleaves in north area
4.20.5	Methodology	All specimens individually tagged and recorded
4.20.6	Canopy Type	Formal avenue line of substantial mature broadleaves with occasional self-seeded trees in north area. See <i>Image No 09</i> in <i>Survey Photographs</i> at s6, (below)
4.20.7	Analysis	Species profile dominated by Lime and Sycamore Limes generally in good overall condition Sycamores tending to present some depleted vigour North of Bo'ness Rd composition and condition is more variable including self-seeded embankment sps and pollarded Limes Young Ash specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report
4.20.8	Categorisation	South of Bo'ness Road most specimens graded at <i>Category A</i> or <i>B</i> with the exception of poorer Sycamores North of Bo'ness Road all specimens graded at <i>Category C</i>
4.20.9	Recommendations	Remove deadwoods from Sycamores as specified in Survey Schedule Monitor progression of Chalara Ash Dieback in north section

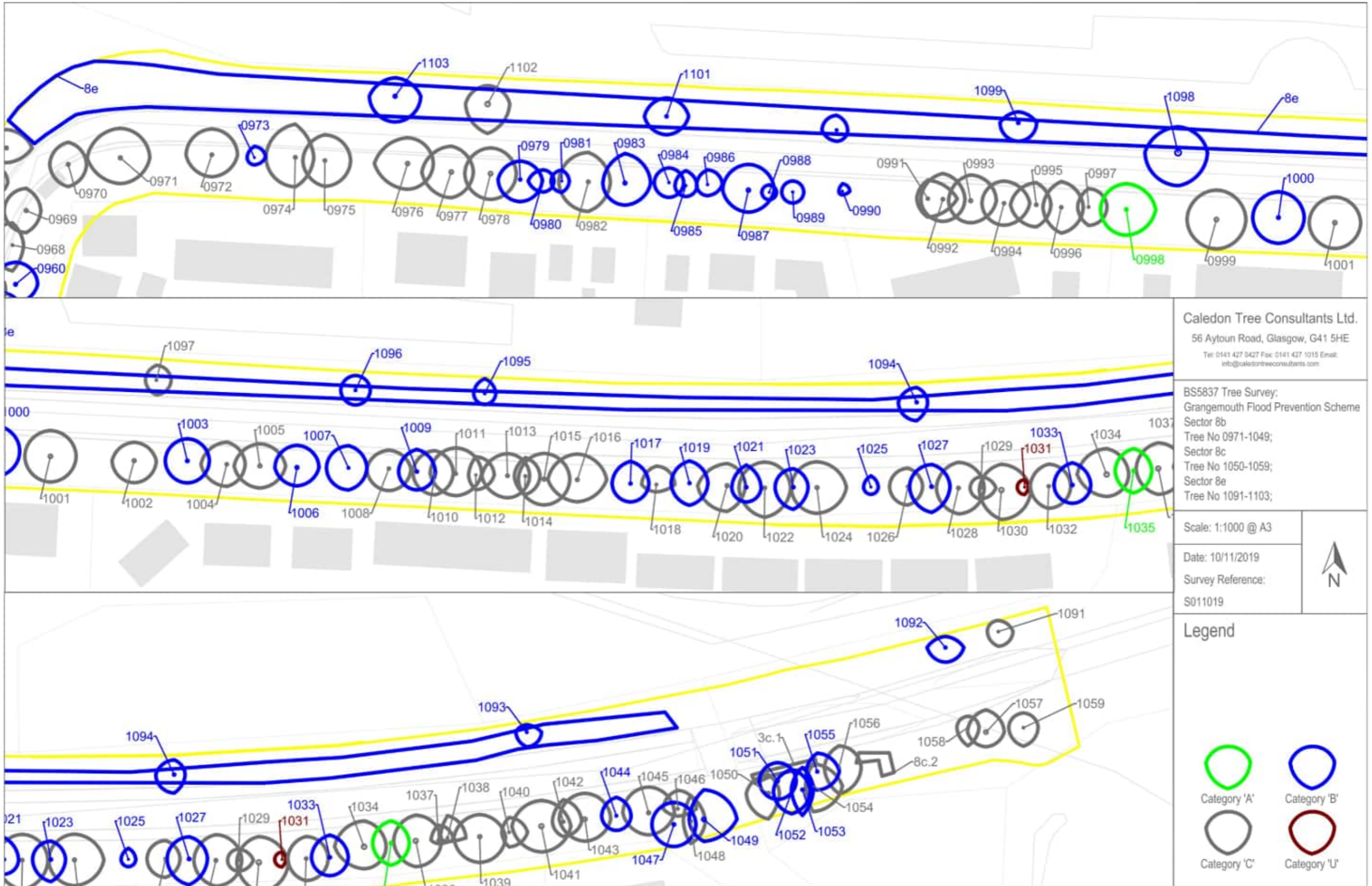
4.20.10 Sector 8a Mapping Park Road, Grangemouth





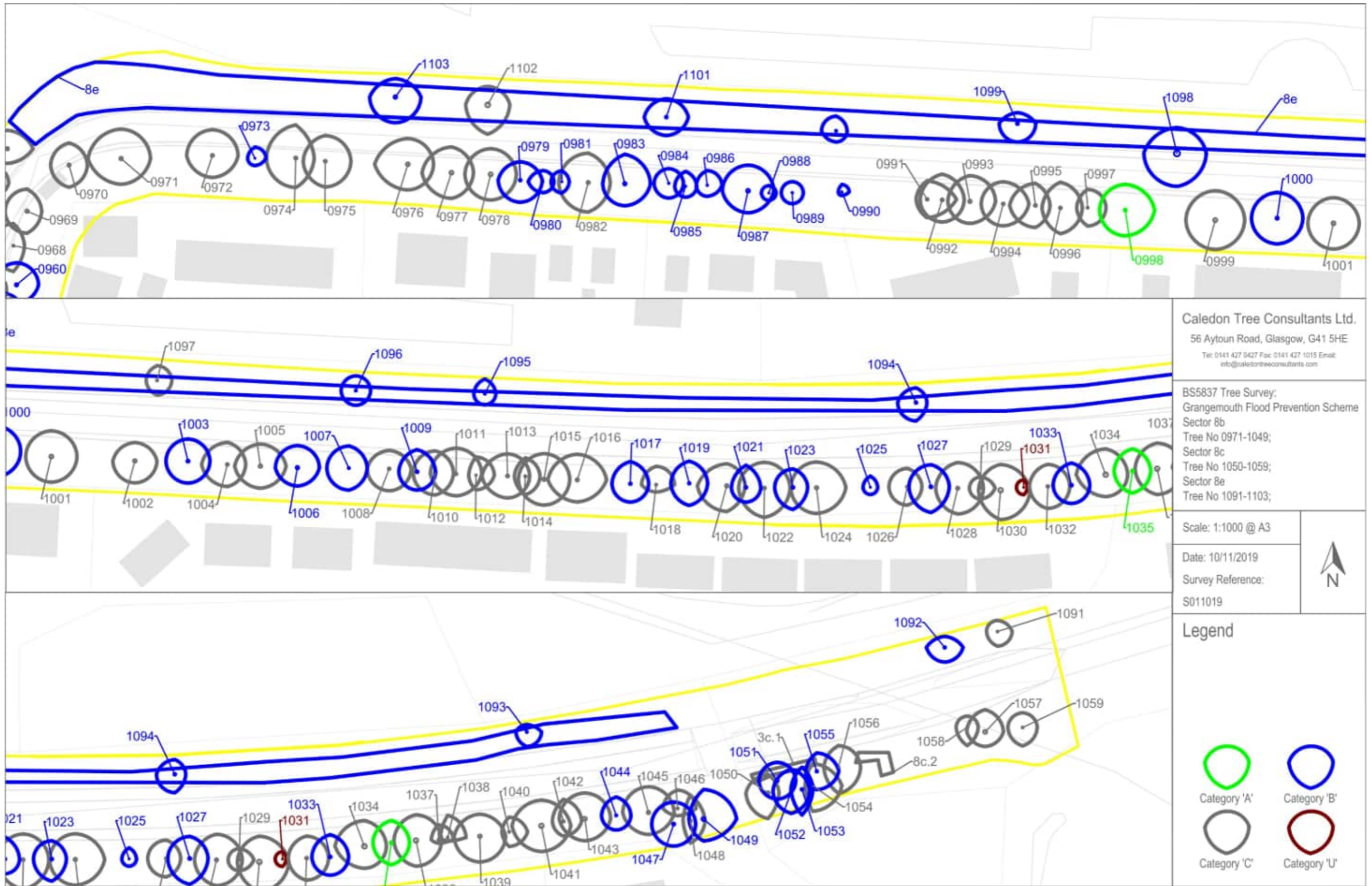
4.21	Sector 8b	Grangeburn Road
4.21.1	Trees No	0971-1049
4.21.2	Groups No	N/A
4.21.3	Location	South embankment of Grange Burn at Grangeburn Road Grid Ref (centre of sector) NS 93380 82083
4.21.4	Species	Mixed broadleaves; high proportion of Ash
4.21.5	Methodology	All specimens individually tagged and recorded
4.21.6	Canopy Type	Formal avenue line of substantial mature broadleaves featuring many relatively young and well-formed Ash specimens. See <i>Image No 10</i> in <i>Survey Photographs</i> at s6, (below)
4.21.7	Analysis	Formal line of relatively young trees providing high visual amenity on north side of Grangeburn Rd Most specimens in adequate condition with many well-formed examples Fairly high proportion of substantial Ash, all with symptoms of Chalara Ash Dieback. See note on diseases at s3.3 of Report Cherry 1002 hosts <i>Laetiporus sulphureus</i> pathogenic fungus. See <i>Image No 11</i> in <i>Survey Photographs</i> at s6, (below)
4.21.8	Categorisation	Many well-formed trees in sector graded at <i>Category A</i> or <i>B</i> Diseased Ash and minor/poorer specimens graded at <i>Category C</i>
4.21.9	Recommendations	Remove fractured/hanging branch from Ash 0982 as specified in Survey Schedule Monitor progression of Chalara Ash Dieback
4.21.10	Sector 8b.10 Mapping	Grangeburn Road





4.22	Sector 8c	South-East of Docks Entrance
4.22.1	Trees No	1050-1059
4.22.2	Groups No	8c.1, 8c.2
4.22.3	Location	South embankment of Grange Burn to east of docks entrance Grid Ref (centre of sector) NS 93087 82096
4.22.4	Species	Mixed broadleaves; high proportion of Poplar
4.22.5	Methodology	Substantial specimens individually tagged and recorded; minor specimens assessed as groups
4.22.6	Canopy Type	Varied loose group of planted and self-generated broadleave
4.22.7	Analysis	Specimens of modest quality offering some visual amenity in commercial setting
		Large Poplars may be unsuited to location due to invasive root penetration and associated sucker growth
		Chalara Ash Dieback present in minor tree groups. See note on diseases at s3.3 of Report
4.22.8	Categorisation	Several larger & reasonably well-formed trees graded at <i>Category B</i> Diseased Ash and minor/poorer specimens graded at <i>Category C</i>
4.22.9	Recommendations	Monitor progression of Chalara Ash Dieback
4.22.10	Sector 8c Mapping	South-East of Docks Entrance





Caledon Tree Consultants Ltd.
 56 Aytoun Road, Glasgow, G41 5HE
 Tel: 0141 427 8427 Fax: 0141 427 1015 Email: info@caledontreeconsultants.com

BS5837 Tree Survey:
 Grangemouth Flood Prevention Scheme
 Sector 8b
 Tree No 0971-1049;
 Sector 8c
 Tree No 1050-1059;
 Sector 8e
 Tree No 1091-1103;

Scale: 1:1000 @ A3

Date: 10/11/2019
 Survey Reference:
 S011019



Legend

	
Category 'A'	Category 'B'
	
Category 'C'	Category 'U'

4.23	Sector 8d	Abbots Road/South Shore Road
4.23.1	Trees No	0928-0970
4.23.2	Groups No	8d.1
4.23.3	Location	West embankment of Grange Burn at Abbots Road, extending (as Grangeburn Rd) to north of Bo'ness Rd Grid Ref (centre of sector) NS 92946 81899
4.23.4	Species	Mixed broadleaves
4.23.5	Methodology	All specimens individually tagged and recorded
4.23.6	Canopy Type	Formal avenue line of substantial mature broadleaves dominated by Lime and Sycamore with occasional self-seeded trees
4.23.7	Analysis	Limes generally in good overall condition Sycamores tending to present some depleted vigour North of Bo'ness Rd composition and condition is more variable including self-generated younger trees and one standing dead Sycamore; many specimens in this area with dense Ivy infestation. See <i>Image No 12</i> in <i>Survey Photographs</i> at s6, (below) Group 8d.1 is a sporadic range of young Sycamores on the burn embankment north of Bo'ness Rd -mostly from coppice regeneration One Ash sp with Chalara Ash Dieback. See note on diseases at s3.3 of Report
4.23.8	Categorisation	South of Bo'ness Road most specimens graded at <i>Category A</i> or <i>B</i> with the exception of poorer Sycamores North of Bo'ness Road condition of specimens is reflected in more variable grading with two dead/moribund specimens at <i>Category U</i>
4.23.9	Recommendations	Remove Trees No 1082 & 1087 to ground level Remove dense Ivy and re-inspect structural condition of affected trees Monitor progression of Chalara Ash Dieback

4.23.10 Sector 8d Mapping Abbots Road/South Shore Road

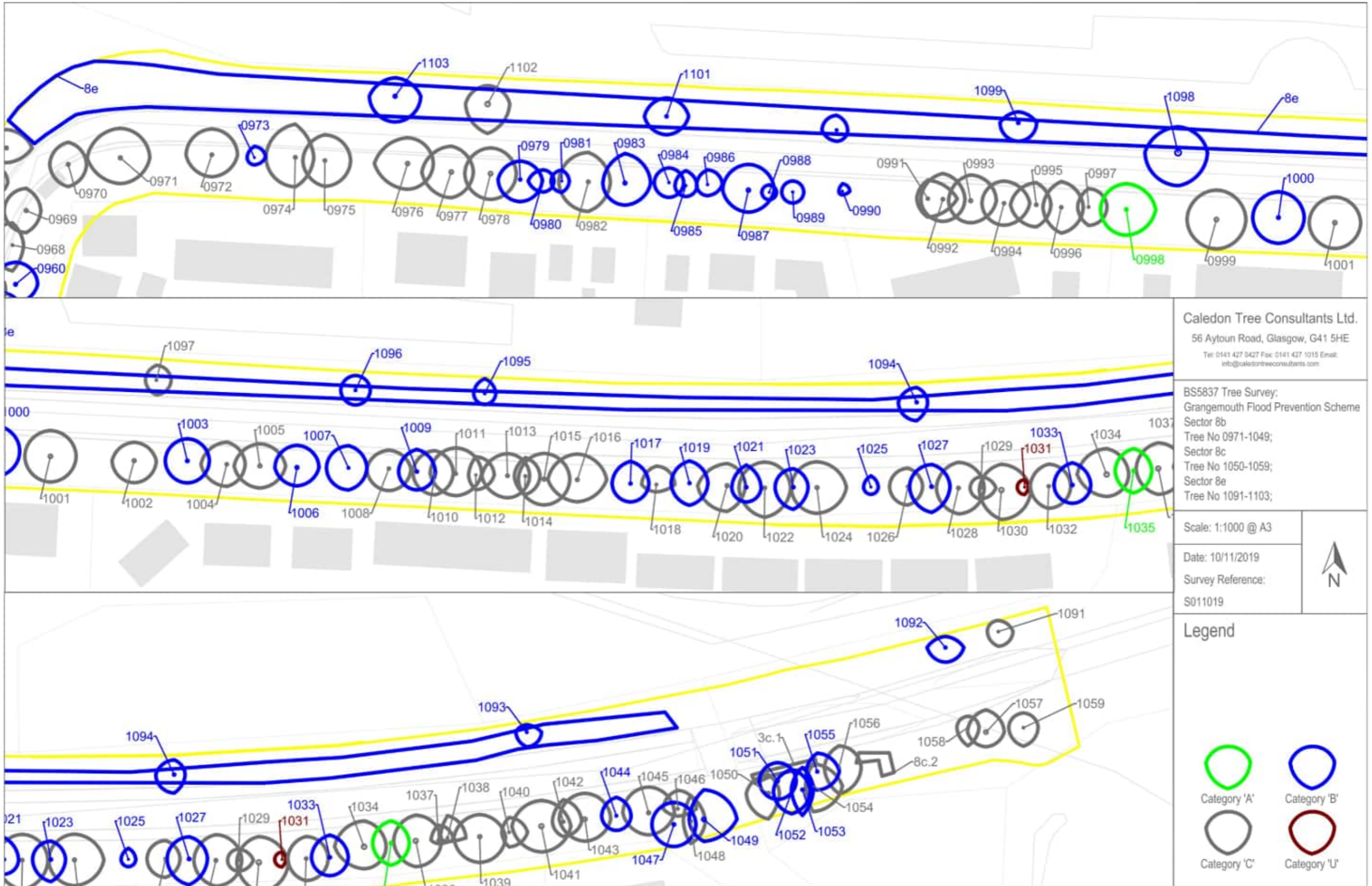




4.24 Sector 8e	North Embankment of Grange Burn Within Forth Ports Property
4.24.1 Trees No	1091-1103
4.24.2 Groups No	N/A
4.24.3 Location	South embankment of Grange Burn to east of docks entrance Grid Ref (centre of sector) NS 93465 82103
4.24.4 Species	Mixed broadleaves
4.24.5 Methodology	Occasional older specimens individually tagged and recorded, as well as largest examples of young plantation trees; other specimens assessed as a homogeneous sector
4.24.6 Canopy Type	Screening line of diverse species broadleaves
4.24.7 Analysis	Young planting scheme featuring high proportion of Scottish native species. See <i>Image No 13</i> in <i>Survey Photographs</i> at <i>s6</i> , (below)
	Occasional older broadleaves predating the plantation
	Very few Ash sps included, all of those with symptoms of Chalara Ash Dieback
4.24.8 Categorisation	Several older and some reasonably well-formed younger trees individually graded at <i>Category B</i> ; sector as a whole also graded at <i>Category B</i>
	One diseased Ash and minor/poorer individual specimens graded at <i>Category C</i>
4.24.9 Recommendations	Monitor progression of Chalara Ash Dieback
4.24.10 Sector 8e Mapping	North Embankment of Grange Burn Within Forth Ports Property







Caledon Tree Consultants Ltd.
 56 Aytoun Road, Glasgow, G41 5HE
 Tel: 0141 427 0427 Fax: 0141 427 1015 Email: info@caledontreeconsultants.com

BS5837 Tree Survey:
 Grangemouth Flood Prevention Scheme
 Sector 8b
 Tree No 0971-1049;
 Sector 8c
 Tree No 1050-1059;
 Sector 8e
 Tree No 1091-1103;

Scale: 1:1000 @ A3

Date: 10/11/2019
 Survey Reference:
 S011019



Legend

- Category 'A'
- Category 'B'
- Category 'C'
- Category 'U'

4.25	Sector 9	Carron West Part 1
4.25.1	Trees No	N/A
4.25.2	Groups No	9.1, 9.2, 9.3, 9.4
4.25.3	Location	Adjacent to footpath to west of Park Rd, Carron Grid Ref (centre of sector) NS 87977 82190
4.25.4	Species	Mixed broadleaves
4.25.5	Methodology	All specimens assessed as homogeneous groupings
4.25.6	Canopy Type	Young amenity plantation areas
4.25.7	Analysis	Sector comprising four varied sub-groups

Predominantly of young Scottish natives with small older trees predating plantations

Generally well-structured; condition reasonably good with high amenity and ecological value. See *Image No 14* in *Survey Photographs* at *s6*, (below) for example

No specimens of particular individual merit

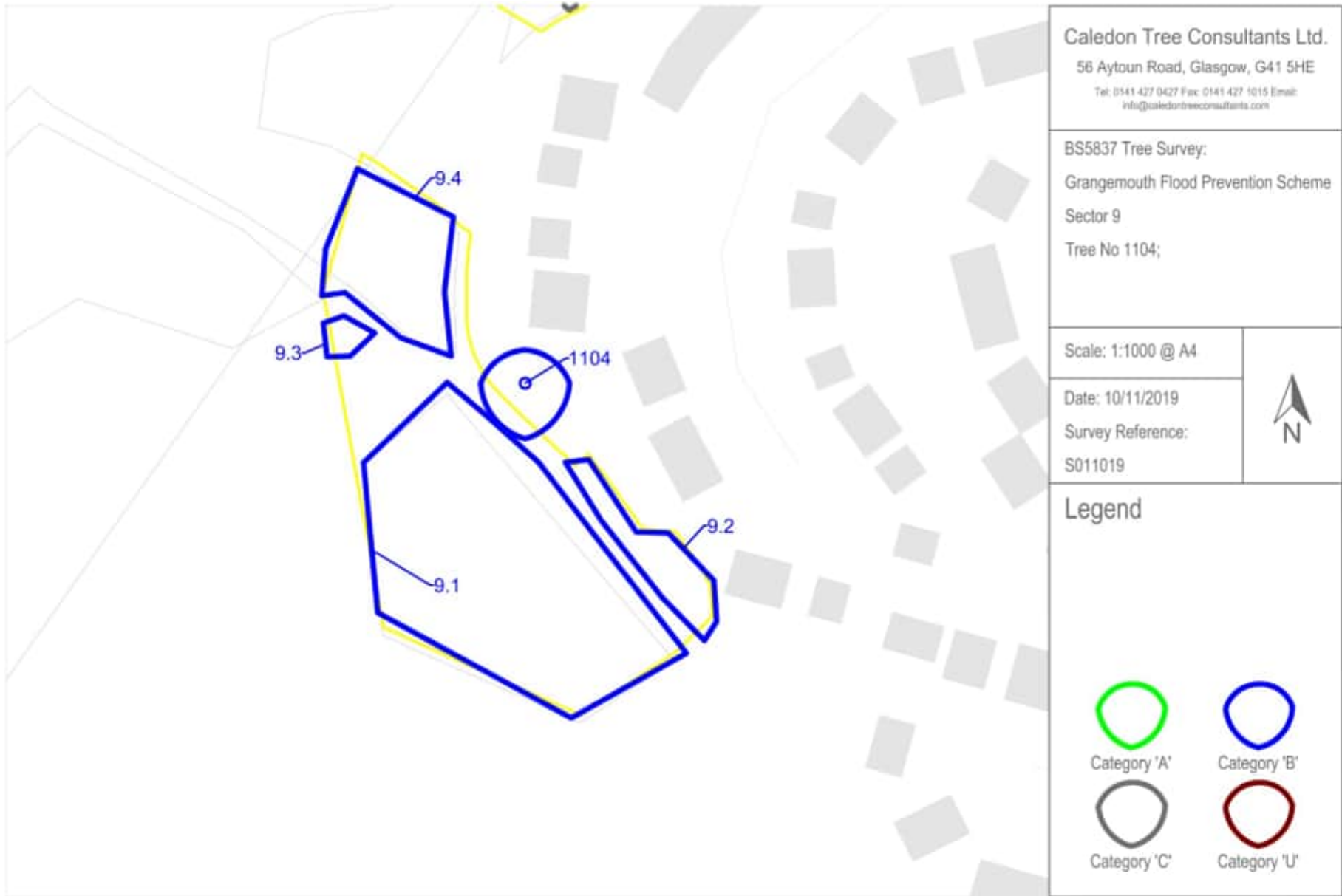
Very occasional Ash specimens -no symptoms of Chalara Ash Dieback present

4.25.8	Categorisation	Entire sector graded at <i>Category B</i>
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4.25.9	Recommendations	Monitor progression of Chalara Ash Dieback
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4.25.10	Sector 9 Mapping	Carron West Part 1
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4.26	Sector 10	Carron West Part 2
4.26.1	Trees No	N/A
4.26.2	Groups No	10.1, 10.2
4.26.3	Location	Adjacent to footpath to north of Park Rd, Carron Grid Ref (centre of sector) NS 87995 82275
4.26.4	Species	Mixed broadleaves
4.26.5	Methodology	All specimens assessed as homogeneous groupings
4.26.6	Canopy Type	Young amenity plantation areas
4.26.7	Analysis	Sector comprising two sub-groups

Young plantation to west (Group 10.1) well-structured and in good overall condition

Copse to north (Group 10.2) of more modest composition and condition

No specimens of particular individual merit

4.26.8 Categorisation Group 10.1 graded at *Category B*

Group 10.2 graded at *Category C*

4.26.9 Recommendations N/A

4.26.10 Sector 10 Mapping Carron West Part 2





4.27	Sector 11	Carron West Part 3
4.27.1	Trees No	N/A
4.27.2	Groups No	11.1, 11.2
4.27.3	Location	Adjacent to footpath to north of Park Rd, Carron Grid Ref (centre of sector) NS 88025 82315
4.27.4	Species	Mixed broadleaves
4.27.5	Methodology	All specimens assessed as homogeneous groupings
4.27.6	Canopy Type	Young amenity plantation areas
4.27.7	Analysis	Sector comprising two sub-groups

Section of young plantation to NW (Group 11.1) well-structured and in good overall condition

Copse to east of (Group 11.2) more modest composition and condition

No specimens of particular individual merit

**Small cluster of Japanese Knotweed, Fallopia japonica identified on north margin of Group 11.2*

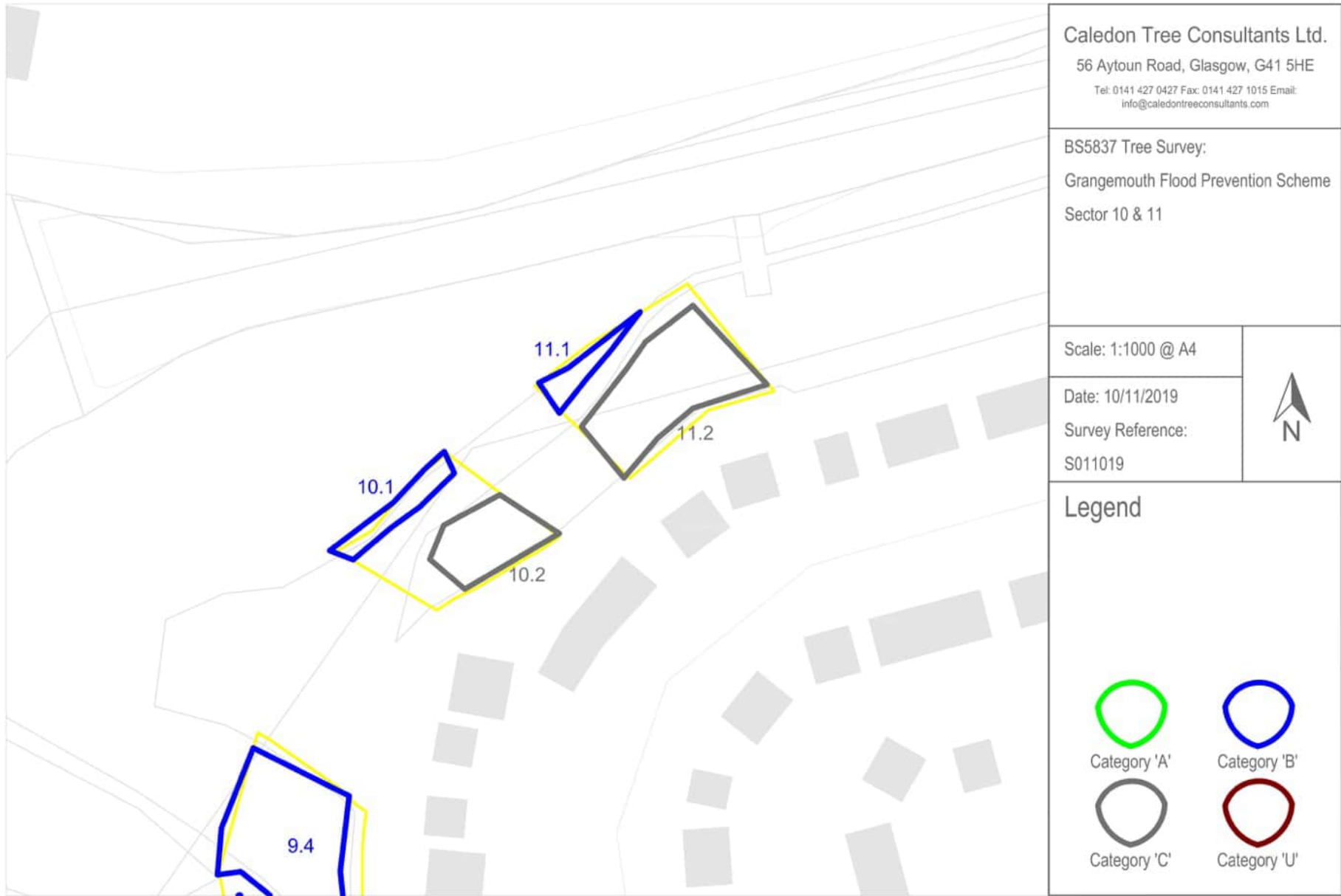
4.27.8 Categorisation Group 10.1 graded at *Category B*

Group 10.2 graded at *Category C*

4.27.9 Recommendations Action to remove Japanese Knotweed

4.27.10 Sector 11 Mapping Carron West Part 3





Caledon Tree Consultants Ltd.
56 Aytoun Road, Glasgow, G41 5HE
Tel: 0141 427 0427 Fax: 0141 427 1015 Email:
info@caledontreeconsultants.com

BS5837 Tree Survey:
Grangemouth Flood Prevention Scheme
Sector 10 & 11

Scale: 1:1000 @ A4

Date: 10/11/2019

Survey Reference:

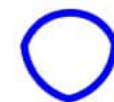
S011019



Legend



Category 'A'



Category 'B'



Category 'C'

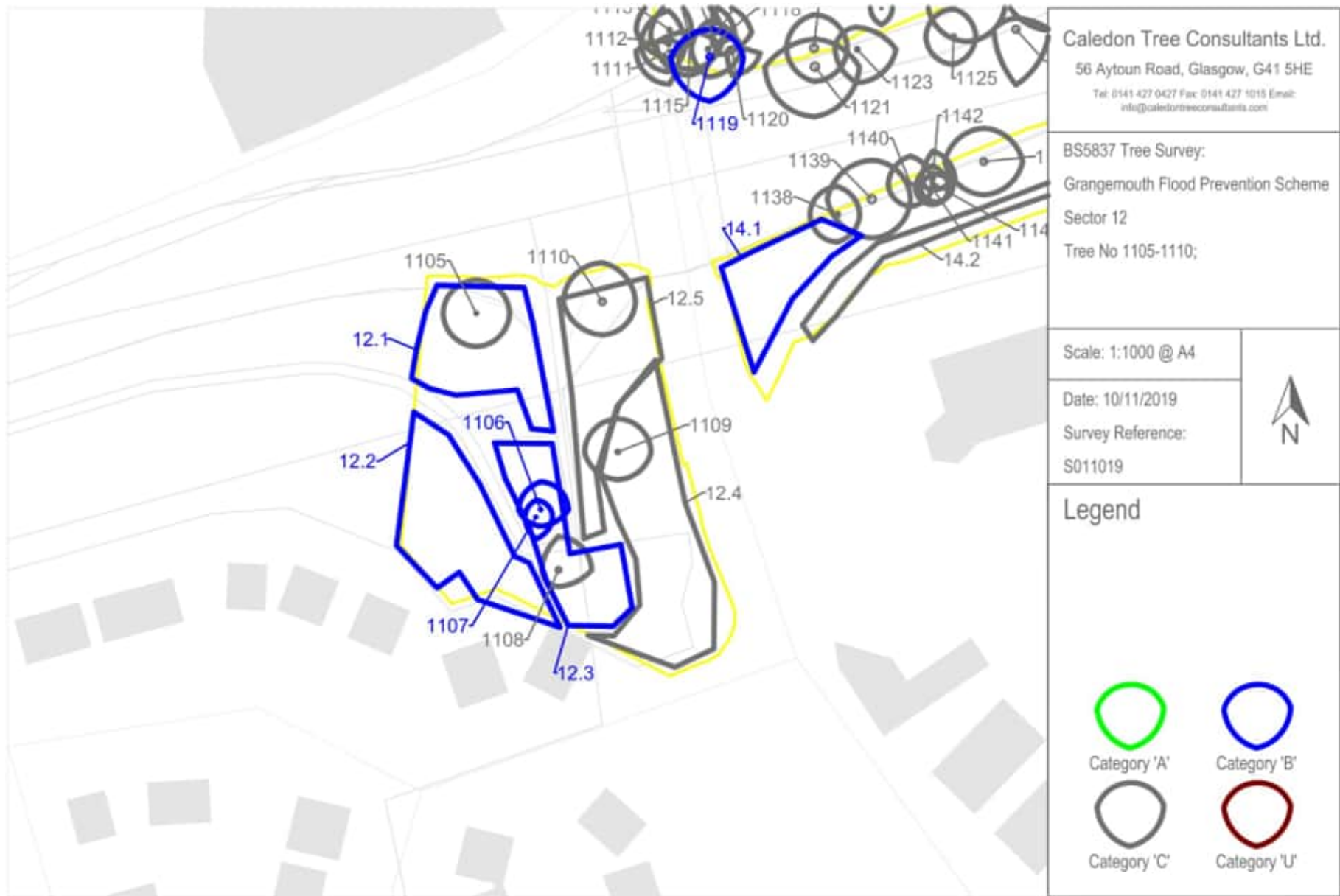


Category 'U'

4.28	Sector 12	Carron Central Part 1
4.28.1	Trees No	1105-1110
4.28.2	Groups No	12.1, 12.2, 12.3, 12.4, 12.5
4.28.3	Location	Adjacent to footpath to north of Park Rd, Carron and to SW of Stenhouse Rd bridge Grid Ref (centre of sector) NS 88200 82417
4.28.4	Species	Mixed broadleaves; small group of conifers at path edge
4.28.5	Methodology	Larger/more significant specimens individually tagged and recorded; other specimens assessed as groups
4.28.6	Canopy Type	Diverse sector comprising various groups including mature woodland copse, small plantation compartments and more high-profile groups adjacent to public road.
4.28.7	Analysis	Older woodland areas in good condition with high ecological value. Younger plantation compartments in adequate condition with rather stretched crown development in some instances. See <i>Image No 15</i> in <i>Survey Photographs</i> at s6, (below) Groups adjacent to road largely comprised of diseased Ash or small trees of modest quality and condition All Ash specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report
4.28.8	Categorisation	Several young trees with good development potential graded at <i>Category B</i> , as are Groups 12.1, 12.2 & 12.3 Other individually recorded trees and roadside groups graded at <i>Category C</i>
4.28.9	Recommendations	Monitor progression of Chalara Ash Dieback

4.28.10 Sector 12 Mapping Carron Central Part 1





4.29	Sector 13	Carron Central Part 2
4.29.1	Trees No	1111-1137
4.29.2	Groups No	13.1, 13.2
4.29.3	Location	N bank of River Carron between Stenhouse Rd & Carron Rd bridges Grid Ref (centre of sector) NS 88273 82417
4.29.4	Species	Mixed broadleaves; small cluster of conifers at east end
4.29.5	Methodology	Larger/more significant specimens individually tagged and recorded; other specimens assessed as groups
4.29.6	Canopy Type	Riparian and embankment trees
4.29.7	Analysis	Rather congested and untidy embankment line of varied composition Few specimens of individual merit but good ecological value
		All Ash specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report
4.29.8	Categorisation	One young Sycamore with good development potential graded at <i>Category B</i> All other trees and groups graded at <i>Category C</i>
4.29.9	Recommendations	Monitor progression of Chalara Ash Dieback
4.29.10	Sector 13 Mapping	Carron Central Part 2





4.30	Sector 14	Carron Central Part 3
4.30.1	Trees No	1138-1147
4.30.2	Groups No	14.1, 14.2
4.30.3	Location	S bank of River Carron between Stenhouse Rd & Carron Rd bridges Grid Ref (centre of sector) NS 88288 82384
4.30.4	Species	Mixed broadleaves; small cluster of conifers at east end
4.30.5	Methodology	Larger/more significant specimens individually tagged and recorded; other specimens assessed as groups
4.30.6	Canopy Type	Sporadic riparian/embankment line of varied composition; also small ornamental trees on edge of adjacent church car-park
4.30.7	Analysis	Various trees of modest stature and quality on river embankment
<p>Few specimens of individual merit but good ecological value</p> <p>Group 14.1 is a small integrated cluster of Hawthorns adjacent to the Stenhouse Road bridge, in good overall condition</p> <p>Group 14.2 comprises a linear group of Hawthorn specimens on N edge of church car-park, merging into mixed species cluster at E end</p> <p>All Ash specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report</p>		
4.30.8	Categorisation	Hawthorn group 14.1 graded at <i>Category B</i>
<p>All other trees and groups graded at <i>Category C</i></p>		
4.30.9	Recommendations	Monitor progression of Chalara Ash Dieback
4.30.10	Sector 14 Mapping	Carron Central Part 3





Caledon Tree Consultants Ltd.
 56 Aytoun Road, Glasgow, G41 5HE
 Tel: 0141 427 0427 Fax: 0141 427 1015 Email: info@caledontreeconsultants.com

BS5837 Tree Survey:
 Grangemouth Flood Prevention Scheme
 Sector 13
 Tree No 1111-1137;
 Sector 14
 Tree No 1138-1147;

Scale: 1:1000 @ A4





Date: 10/11/2019

Survey Reference:

S011019



Legend

-  Category 'A'
-  Category 'B'
-  Category 'C'
-  Category 'U'

4.31	Sector 15	Carron Central Part 4
4.31.1	Trees No	N/A
4.31.2	Groups No	15.1 (entire sector)
4.31.3	Location	N bank of River Carron E of Carron Rd bridge Grid Ref (centre of sector) NS 88418 82443
4.31.4	Species	Mixed broadleaves
4.31.5	Methodology	No access to embankment: canopy viewed from south bank of river
4.31.6	Canopy Type	Occasional isolated broadleaves on N bank of river
4.31.7	Analysis	Occasional trees of modest stature and quality on river embankment No specimens of individual merit but good ecological value Single Ash specimen severely crown-reduced, remaining trees in adequate condition
4.31.8	Categorisation	Entire sector graded at <i>Category C</i>
4.31.9	Recommendations	Monitor for evidence of Chalara Ash Dieback
4.31.10	Sector 15 Mapping	Carron Central Part 4





4.32	Sector 16a	Carron East Part 1
4.32.1	Trees No	1148-1149
4.32.2	Groups No	16a.1, 16a.2
4.32.3	Location	NW bank of River Carron to S of Chapel Burn Grid Ref (centre of sector) NS 88987 82875
4.32.4	Species	Mixed broadleaves
4.32.5	Methodology	Limited access to embankment: parts of canopy viewed remotely
4.32.6	Canopy Type	Sporadic small trees on sparsely populated section of embankment
4.32.7	Analysis	Generally modest young self-seeded specimens

Rowan No 1149 planted as street amenity tree

Young Ash specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report

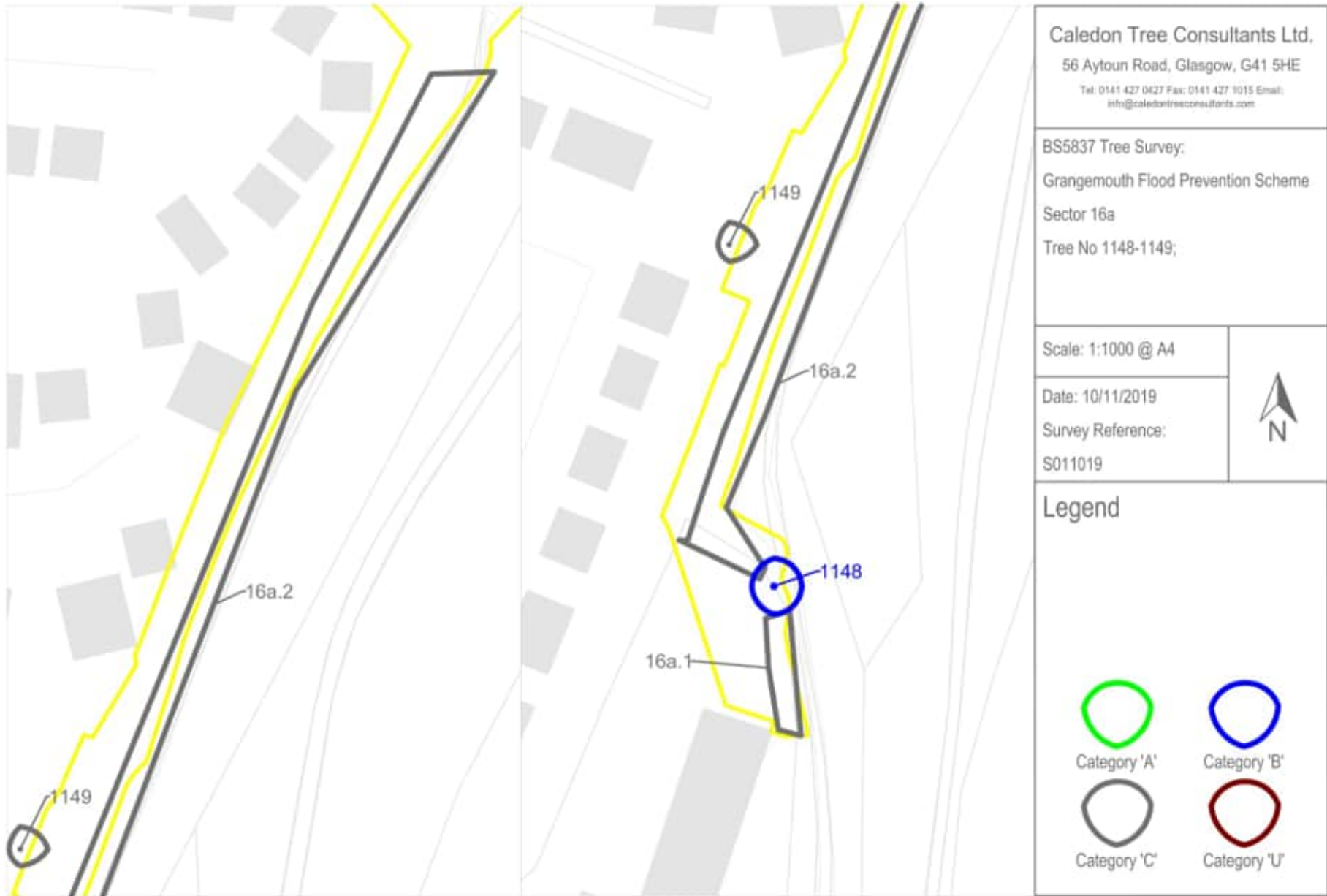
4.32.8	Categorisation	Viable young Sycamore No 1148 graded at <i>BS5837:2012 Retention Category B</i> in reflection of development potential
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Entire sector otherwise graded at *Category C*

4.32.9	Recommendations	Monitor for progression of Chalara Ash Dieback
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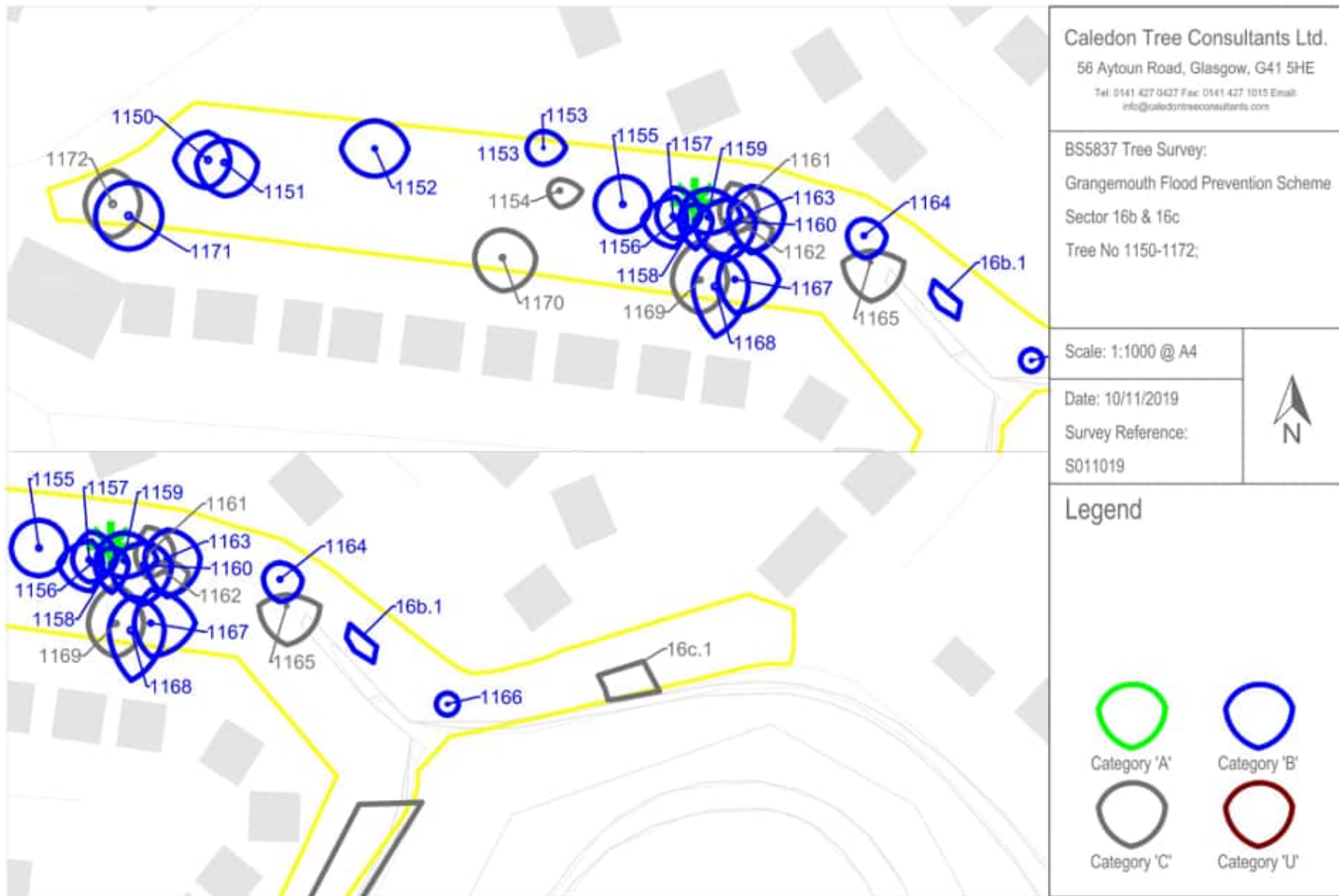
4.32.10	Sector 16a Mapping	Carron East Part 1
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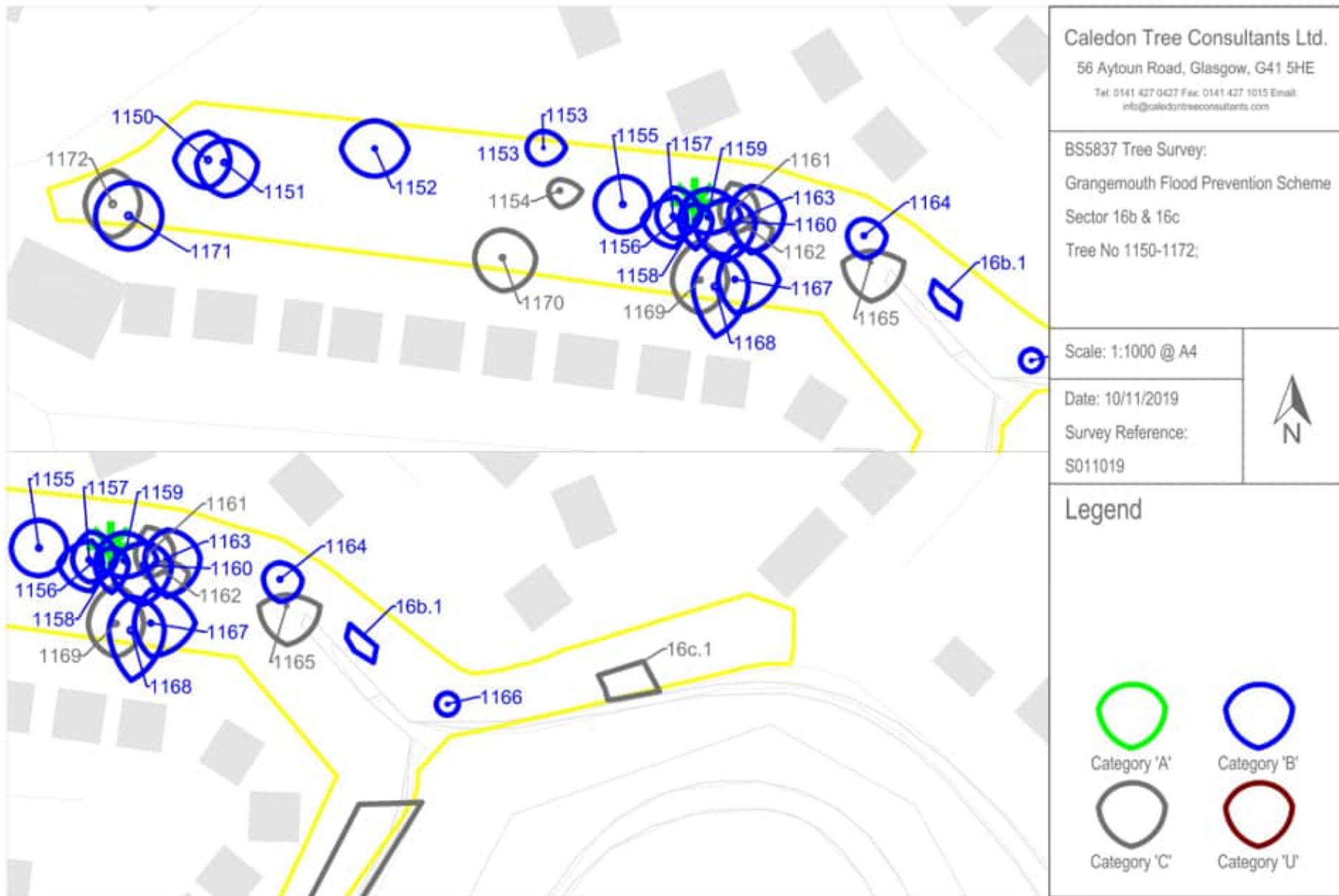
4.33	Sector 16b	Carron East Part 2
4.33.1	Trees No	1150-1172
4.33.2	Groups No	16b.1
4.33.3	Location	North and south embankments of Chapel Burn Grid Ref (centre of sector) NS 88950 82998
4.33.4	Species	Mixed broadleaves
4.33.5	Methodology	Substantial specimens individually tagged and recorded; minor specimens assessed as group
4.33.6	Canopy Type	Varied broadleaves on embankments and edge of footpath
4.33.7	Analysis	Variety of broadleaf specimens, mostly in early maturity, offering good visual amenity on watercourse embankments and adjacent to footpath
		 Group 16b.1 is a small cluster of mature Hawthorn
4.33.8	Categorisation	Many viable young Sycamores as well as older Hawthorns and Willows graded at <i>BS5837:2012 Retention Category B</i> , as is group 16b.1
		 All other trees graded at <i>Category C</i>
4.33.9	Recommendations	N/A
4.33.10	Sector 16b Mapping	Carron East Part 2





4.34	Sector 16c	Carron East Part 3
4.34.1	Trees No	N/A
4.34.2	Groups No	16c.1
4.34.3	Location	NW bank of River Carron N of Chapel Burn Grid Ref (centre of sector) NS 89058 82974
4.34.4	Species	Mixed broadleaves
4.34.5	Methodology	Minor specimens assessed as group
4.34.6	Canopy Type	Small cluster of minor trees
4.34.7	Analysis	Small cluster of Elder and Hawthorn in adequate condition
4.34.8	Categorisation	Group graded at <i>BS5837:2012 Retention Category C</i>
4.34.9	Recommendations	N/A
4.34.10	Sector 16c Mapping	Carron East Part 3





4.35	Sector 17a	Carron House Part 1
4.35.1	Trees No	1173-1181
4.35.2	Groups No	N/A
4.35.3	Location	N bank of River Carron Grid Ref (centre of sector) NS 89694 82942
4.35.4	Species	Sycamore, European Ash
4.35.5	Methodology	All specimens individually tagged and recorded
4.35.6	Canopy Type	Riparian line on north embankment of River Carron
4.35.7	Analysis	Generally modest young broadleaves on river bank

All Ash specimens presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report

4.35.8	Categorisation	Two reasonably well-formed young Sycamores No 1173 & 1174 graded at <i>BS5837:2012 Retention Category B</i> in reflection of development potential
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Remaining trees graded at *Category C*

4.35.9	Recommendations	Monitor for progression of Chalara Ash Dieback
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4.35.10	Sector 17a Mapping	Carron House Part 1
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4.36	Sector 17b	Carron House Part 2
4.36.1	Trees No	1182-1199
4.36.2	Groups No	17b.1
4.36.3	Location	Driveway/track to S of Carron House Grid Ref (centre of sector) NS 89718 82939
4.36.4	Species	Mixed broadleaves, predominantly Common Lime and Sycamore
4.36.5	Methodology	All specimens individually tagged and recorded
4.36.6	Canopy Type	Substantial Avenue specimens
4.36.7	Analysis	Limes generally in good health

Sycamores presenting some degree of depleted foliage

Assessment of many specimens severely restricted by epicormic growths (on Limes) and dense Ivy

Group 17b.1 is a substantial unmaintained Holly hedge with occasional invading broadleaf trees

Young Ash specimens in group 17b.1 presenting symptoms of recent infection by Chalara Ash Dieback. See note on diseases at s3.3 of Report

4.36.8	Categorisation	Majority of trees graded at <i>BS5837:2012 Retention Category A or B</i> , with Limes having particularly long safe/useful life-expectancy
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Small group of trees in range 1186-1189 graded at *Category C* include large Sycamores with substantially depleted vigour

4.36.9	Recommendations	Monitor for progression of Chalara Ash Dieback
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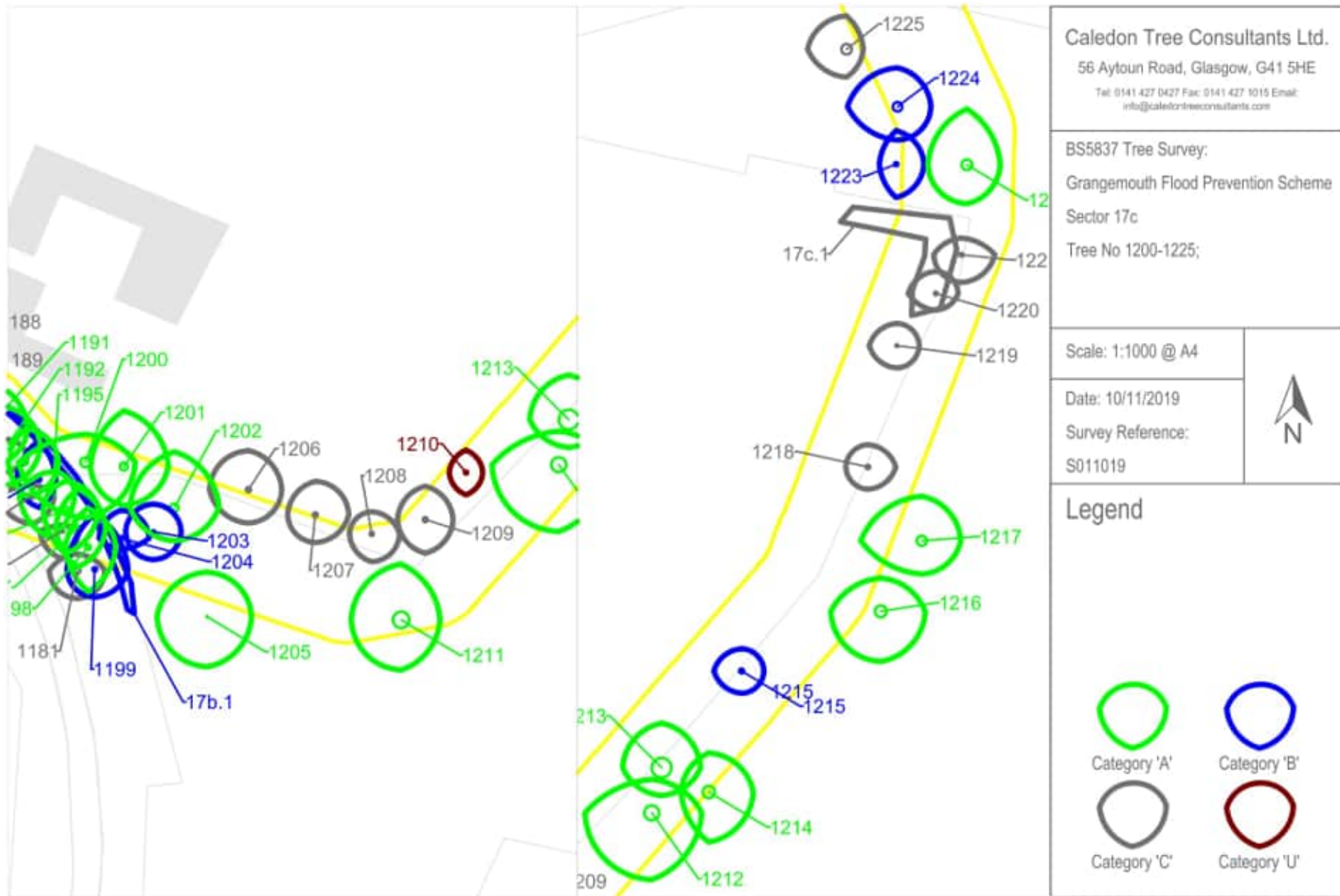
4.36.10	Sector 17b Mapping	Carron House Part 2
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4.37	Sector 17c	Carron House Part 3
4.37.1	Trees No	1200-1225
4.37.2	Groups No	17c.1
4.37.3	Location	Defined area of Carron House parkland Grid Ref (centre of sector) NS 89874 82954
4.37.4	Species	Mixed broadleaves; one conifer
4.37.5	Methodology	All specimens individually tagged and recorded
4.37.6	Canopy Type	Substantial parkland specimens
4.37.7	Analysis	Sector includes major parkland specimens -many with significant structural defects but all of very high amenity and cultural value See <i>Image No 16</i> in <i>Survey Photographs</i> at s6 Also several more modest specimens including smaller/younger broadleaves Group 17c.1 comprises self-seeded young specimens at base of garden wall all infected with Chalara Ash Dieback. See note on diseases at s3.3 of Report
4.37.8	Categorisation	Majority of trees graded at <i>BS5837:2012 Retention Category A or B</i> despite structural defects; <i>Category A1</i> applied to reflect age and cultural/ecological values More minor and diseased specimens graded at <i>Category C</i> include large Sycamores with substantially depleted vigour
4.37.9	Recommendations	Monitor for progression of Chalara Ash Dieback
4.37.10	Sector 17c Mapping	Carron House Part 3





5.0 Summary of Recommendations

The following interventions are currently recommended in order to meet the owner's or occupier's Duty of Care to users of the site and in the interests of the ongoing management of the canopy:

5.1 Emergency Interventions Required
None

5.2 Interventions Required within 1 Month
None

5.3 Interventions Required within 3 Months

5.3.1 Remove tree to ground level
Trees No 1082 1087

5.3.2 Prune out deadwoods over 50mm diameter
Trees No 0935 0939 0942 0947

Note: we recommend that the tree surgeon be allowed leeway to prune out deadwoods in other trees which oversail target areas which may have been obscured by foliage at the time of the survey

5.3.3 Remove fractured/hanging branch
Tree No 0982

5.4 Interventions Required within 6 Months
None

5.5 Interventions Required within 12 Months

5.5.1 Undertake decay detection (tomographic) survey
Tree No 1002

5.6 Disease Management

5.6.1 Monitor all Ash specimens in survey area for progression of Chalara Ash Dieback and update this report accordingly

5.7 General Canopy Management

5.7.1 Remove ivy from stem and crown of infested trees and maintain 1.5m clearance of ground around root collar

5.7.2 Remove basal epicormic growths from affected trees and repeat as required to facilitate inspection of root collar and lower bole

5.7.3 Check stability of staked/tied young trees and remove redundant fixings

5.8 Specification for Recommended works

The foregoing schedule of works should be carried out by a qualified, experienced and appropriately insured arborist working to BS 3998:2010 Recommendations for Tree Work.

5.9 Re-Inspection of Canopy

In view of the widespread presence of Chalara Ash Dieback within the survey area, the canopy should be re-inspected and this report updated after a period of **twelve months** by a qualified arboricultural consultant.

6.0 Survey Photographs



S011019 GFPS Image No 01 Chalara Ash Dieback on Ash sps (wide)



S011019 GFPS Image No 02 Chalara Ash Dieback on Ash sps (close)



S011019 GFPS Image No 03 Young Ash sps on Rannoch Park



S011019 GFPS Image No 04 Specimen Poplar on Wholeflats Rd



S011019 GFPS Image No 05 Self-generated Poplar cluster on Wholeflats Rd



S011019 GFPS Image No 06 Surface damage from Poplar roots on Wholeflats Rd



S011019 GFPS Image No 07 Bleeding Canker of Horsechestnut in Sector 3d



S011019 GFPS Image No 08 Leggy Sycamores behind Horsechestnuts in Sector 3d



S011019 GFPS Image No 09 Park Road Limes in Sector 8a



S011019 GFPS Image No 10 Grangeburn Road Ashes in Sector 8b



S011019 GFPS Image No 11 *Laetiporus sulphureus* on Cherry in Sector 8b



S011019 GFPS Image No 12 Dense Ivy on Sycamores on S Shore Rd in Sector 8d



S011019 GFPS Image No 13 Wide view of S Shore Rd screening line in Sector 8e



S011019 GFPS Image No 14 Wide view of native plantation in Carron West Sector 9



S011019 GFPS Image No 15 Tall stretched specimens in Sector 12



S011019 GFPS Image No 16 Ancient *Castanea* as example of parkland trees in s17c

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
SECTOR 1a	Rannoch Park E																
Sector Overview	East corner of open/amenity area	Whitebeam, <i>Sorbus aria</i> Sycamore, <i>Acer pseudoplatanus</i>	Variable	<17	<450						Variable	Variable	Small groups of broadleaf trees adjacent to footpaths in satisfactory overall condition			Variable	Variable
0601		Whitebeam, <i>Sorbus aria</i>	Mature	12	390		N:6 E:4 S:5 W:5	2.5(S)	2	Radius: 4.7m. Area: 69 sq m.	Good	Fair to Good	Multiple co-dominant stems from 2m via compression union Minor deadwoods Gridling roots to west Multiple wounds up to 4m from historic pruning to raise clear canopy height			20+ Years	B2
0602		Whitebeam, <i>Sorbus aria</i>	Mature	12	370		N:6 E:6 S:3 W:3	2.5(E)	2	Radius: 4.4m. Area: 61 sq m.	Fair	Fair	Crown development substantially suppressed from SW Minor deadwoods Multiple wounds up to 4m from historic pruning to raise clear canopy height			20+ Years	C2
0603		Whitebeam, <i>Sorbus aria</i>	Mature	12	350		N:5 E:6 S:2 W:5	3(N)	2.5	Radius: 4.2m. Area: 55 sq m.	Fair	Fair	Multiple co-dominant stems from 2.2m via compression union Crown development slightly suppressed Small girdling root to West Multiple wounds up to 4m from historic pruning to raise clear canopy height			20+ Years	C2
0604		Whitebeam, <i>Sorbus aria</i>	Mature	12	370		N:5 E:3 S:5 W:5	2.5(NE)	2	Radius: 4.4m. Area: 61 sq m.	Fair to Good	Fair	Crown development slightly suppressed from South 3 co-dominant stems from 2.0m via compression union Multiple wounds up to 4m from historic pruning to raise clear canopy height			20+ Years	C2
0605		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	14	440		N:7 E:7 S:6 W:6	3(E)	3	Radius: 5.3m. Area: 88 sq m.	Good	Fair to Good	Reasonably well formed crown structure 3 co-dominant stems from 3.5m via tension union Multiple wounds up to 3m from historic pruning to raise clear canopy height			20+ Years	B2
0606		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	17	420		N:4 E:6 S:4 W:4	4(SW)	4	Radius: 5.0m. Area: 79 sq m.	Good	Fair	2 co-dominant stems from 2.5m via compression union Multiple large wounds up to 5m from historic pruning to raise clear canopy height with some decaying stumps			20+ Years	C2
0607		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	15	440		N:5 E:5 S:6 W:6	2(E)	2	Radius: 5.3m. Area: 88 sq m.	Good	Fair	2 co-dominant stems from 2m via compression union with adaptive rib Multiple wounds up to 4m from historic pruning to raise clear canopy height with some decaying stumps			20+ Years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
SECTOR 1b	Rannoch Park Central																
Sector Overview	North bank of Grange Burn at Rannoch Park	European Ash, <i>Fraxinus excelsior</i>	Early Mature	<15	<500						Poor	Variable	Generally well-formed young trees in formal line Life expectancy of all specimens severely limited by Chalara Ash Dieback			<10 years	C2
0608		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	460		N:7 E:8 S:4 W:3	3.5(S)	2.5	Radius: 5.5m. Area: 95 sq m.	Poor	Fair to Good	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0609		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	370		N:8 E:4 S:4 W:4	3(W)	2.5	Radius: 4.4m. Area: 61 sq m.	Poor	Fair to Good	Crown development slightly suppressed from W and E Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0610		European Ash, <i>Fraxinus excelsior</i>	Early Mature	15	360		N:6 E:7 S:4 W:3	4(S)	1.5	Radius: 4.3m. Area: 58 sq m.	Poor	Fair to Good	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0611		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	360		N:6 E:4 S:4 W:5	4(NE)	1.5	Radius: 4.3m. Area: 58 sq m.	Poor	Fair to Good	Crown development slightly suppressed from W Minor deadwoods Occluded trunk wound 0.8 W Chalara Ash Dieback on peripheral foliage			<10 years	C2
0612		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	360		N:7 E:5 S:4 W:5	4(S)	1.5	Radius: 4.3m. Area: 58 sq m.	Poor	Fair	Crown development slightly suppressed from W and E Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0613		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	420		N:6 E:5 S:4 W:4	3(W)	1.5	Radius: 5.0m. Area: 79 sq m.	Poor	Fair	Crown development slightly suppressed from W and E Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0614		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	350		N:6 E:4 S:4 W:3	3(NW)	2	Radius: 4.2m. Area: 55 sq m.	Poor	Fair	Crown development slightly suppressed from W and E Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0615		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	450		N:6 E:6 S:4 W:4	4(NE)	2	Radius: 5.4m. Area: 92 sq m.	Poor	Fair	Crown development slightly suppressed from W and E Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0616		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	400		N:6 E:5 S:4 W:4	2.5(S)	2	Radius: 4.8m. Area: 72 sq m.	Poor	Fair	Crown development slightly suppressed from W and E Stem slightly inclined to NE Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0617		European Ash, <i>Fraxinus excelsior</i>	Early Mature	11	400		N:6 E:5 S:5 W:4	3(W)	1.5	Radius: 4.8m. Area: 72 sq m.	Poor	Fair	Crown development slightly suppressed from W and E Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0618		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	420		N:5 E:6 S:5 W:4	3(S)	1	Radius: 5.0m. Area: 79 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0619		European Ash, <i>Fraxinus excelsior</i>	Early Mature	11	480		N:6 E:6 S:5 W:5	2.5(W)	1.5	Radius: 5.8m. Area: 106 sq m.	Poor	Fair	Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0620		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	500		N:7 E:7 S:4 W:4	3(SE)	1	Radius: 6.0m. Area: 113 sq m.	Poor	Fair	Crown development slightly suppressed from W 3 co-dominant stems from 2.7m via tension union Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0621		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	410		N:7 E:6 S:5 W:4	3(E)	1	Radius: 4.9m. Area: 75 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Area of mechanical bark damage from 0m to 0.3m			<10 years	C2
0622		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	420		N:7 E:7 S:5 W:4	3(S)	1.5	Radius: 5.0m. Area: 79 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Area of mechanical bark damage from 0m to 0.2m N			<10 years	C2
0623		European Ash, <i>Fraxinus excelsior</i>	Early Mature	11	390		N:5 E:6 S:5 W:5	2.5(W)	1.5	Radius: 4.7m. Area: 69 sq m.	Poor	Fair	Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0624		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	370		N:5 E:6 S:4 W:4	3(S)	1.5	Radius: 4.4m. Area: 61 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0625		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	380		N:6 E:5 S:5 W:3	3.5(N)	2	Radius: 4.6m. Area: 66 sq m.	Poor	Fair	Crown development suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0626		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	390		N:5 E:6 S:4 W:4	4(S)	1.5	Radius: 4.7m. Area: 69 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Small girdling root to E			<10 years	C2
0627		European Ash, <i>Fraxinus excelsior</i>	Early Mature	10	300		N:5 E:6 S:5 W:3	3(S)	1.5	Radius: 3.6m. Area: 41 sq m.	Poor	Fair	Slightly suppressed/subdominant specimen 3 co-dominant stems from 3.8m via tension union Minor deadwoods Chalara Ash Dieback on peripheral foliage Small girdling root to E			<10 years	C2
0628		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	350		N:5 E:6 S:5 W:3	3(NW)	2	Radius: 4.2m. Area: 55 sq m.	Poor	Fair	Crown development suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0629		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	360		N:6 E:6 S:5 W:4	4(SW)	2	Radius: 4.3m. Area: 58 sq m.	Poor	Fair	Crown development suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Area of mechanical bark damage from 0.1m to 0.5m S with reaction wood developing			<10 years	C2
0630		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	380		N:6 E:6 S:5 W:5	3(SW)	1.5	Radius: 4.6m. Area: 66 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0631		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	340		N:5 E:6 S:5 W:4	4(E)	2	Radius: 4.1m. Area: 53 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0632		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	350		N:5 E:6 S:5 W:3	4(S)	2	Radius: 4.2m. Area: 55 sq m.	Poor	Fair	Crown development suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0633		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	370		N:5 E:6 S:5 W:4	4(E)	2	Radius: 4.4m. Area: 61 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0634		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	370		N:5 E:7 S:5 W:5	3(W)	1.5	Radius: 4.4m. Area: 61 sq m.	Poor	Fair	2 co-dominant stems from 2.5m via compression union Crown development suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0635		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	340		N:5 E:7 S:5 W:4	4(NE)	1.5	Radius: 4.1m. Area: 53 sq m.	Poor	Fair	2 co-dominant stems from 2.5m via compression union Crown development suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Large pruning wound at 2.5m NW with vigorous reaction wood			<10 years	C2
0636		European Ash, <i>Fraxinus excelsior</i>	Early Mature	15	410		N:5 E:7 S:5 W:4	4(NW)	1.5	Radius: 4.9m. Area: 75 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Multiple wounds up to 3m from historic pruning to raise clear canopy height Areas of mechanical bark damage to exposed surface roots			<10 years	C2
0637		European Ash, <i>Fraxinus excelsior</i>	Early Mature	15	360		N:6 E:6 S:5 W:3	3.5(SE)	2	Radius: 4.3m. Area: 58 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0638		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	320		N:5 E:5 S:4 W:4	3.5(E)	2	Radius: 3.8m. Area: 45 sq m.	Poor	Fair to Poor	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Substantially depleted foliation, suspect toxic ingress from adjacent grit salt box			<10 years	C2
0639		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	400		N:6 E:6 S:5 W:4	4(NW)	1.5	Radius: 4.8m. Area: 72 sq m.	Poor	Fair	2 co-dominant stems from 3.8m via tension union Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0640		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	370		N:6 E:6 S:5 W:5	3(E)	1.5	Radius: 4.4m. Area: 61 sq m.	Poor	Fair	Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0641		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	390		N:6 E:6 S:5 W:4	3(NE)	1.5	Radius: 4.7m. Area: 69 sq m.	Poor	Fair	3 co-dominant stems from 3m via tension union Crown development suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0642		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	360		N:5 E:6 S:4 W:4	5(S)	2	Radius: 4.3m. Area: 58 sq m.	Poor	Fair	2 co-dominant stems from 5m via tension union Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Small girdling root to NE Multiple wounds up to 4m from historic pruning to raise clear canopy height			<10 years	C2
0643		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	410		N:5 E:7 S:5 W:3	2.5(SW)	2	Radius: 4.9m. Area: 75 sq m.	Poor	Fair	Crown development suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Multiple wounds up to 3m from historic pruning to raise clear canopy height			<10 years	C2
0644		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	370		N:5 E:7 S:5 W:3	3(SW)	2	Radius: 4.4m. Area: 61 sq m.	Poor	Fair	Crown development suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Areas of mechanical bark damage from 0m to 0.5m S with reaction wood developing			<10 years	C2
0645		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	330		N:7 E:6 S:5 W:5	3(W)	2	Radius: 4.0m. Area: 50 sq m.	Poor	Fair	Crown development suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Slightly depleted foliation			<10 years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0646		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	320		N:5 E:5 S:4 W:4	4(E)	2.5	Radius: 3.8m. Area: 45 sq m.	Poor	Fair	Crown development suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Slightly depleted foliage			<10 years	C2
0647		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	400		N:5 E:7 S:6 W:6	4(SW)	1.5	Radius: 4.8m. Area: 72 sq m.	Poor	Fair	2 co-dominant stems from 4.5m via tension union Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Slightly depleted foliage			<10 years	C2
0648		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	420		N:5 E:6 S:6 W:6	4(W)	1.5	Radius: 5.0m. Area: 79 sq m.	Poor	Fair	Minor deadwoods Chalara Ash Dieback on peripheral foliage Multiple wounds up to 3m from historic pruning to raise clear canopy height			<10 years	C2
0649		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	420		N:6 E:7 S:5 W:3	3(SW)	1.5	Radius: 5.0m. Area: 79 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0650		European Ash, <i>Fraxinus excelsior</i>	Early Mature	15	440		N:6 E:7 S:5 W:5	3.5(E)	1.5	Radius: 5.3m. Area: 88 sq m.	Poor	Fair	2 co-dominant stems from 3.5m via tension union Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0651		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	380		N:6 E:5 S:5 W:5	2.5(SW)	1.5	Radius: 4.6m. Area: 66 sq m.	Poor	Fair	Chalara Ash Dieback on peripheral foliage Slightly depleted foliage Multiple snags and deadwoods			<10 years	C2
0652		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	400		N:6 E:4 S:5 W:6	3.5(W)	1	Radius: 4.8m. Area: 72 sq m.	Poor	Fair	Crown development slightly suppressed from E Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0653		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	420		N:6 E:7 S:6 W:6	3(W)	1.5	Radius: 5.0m. Area: 79 sq m.	Poor	Fair	Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0654		European Ash, <i>Fraxinus excelsior</i>	Early Mature	15	420		N:7 E:8 S:5 W:5	4(NW)	2	Radius: 5.0m. Area: 79 sq m.	Poor	Fair	Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0655		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	380		N:6 E:5 S:5 W:4	4(S)	1.5	Radius: 4.6m. Area: 66 sq m.	Poor	Fair	2 co-dominant stems from 4m via tension union Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0656		European Ash, <i>Fraxinus excelsior</i>	Early Mature	15	380		N:6 E:5 S:5 W:5	4.5(SE)	1.5	Radius: 4.6m. Area: 66 sq m.	Poor	Fair	2 co-dominant stems from 4m via tension union Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0657		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	370		N:5 E:4 S:4 W:4	4(E)	1	Radius: 4.4m. Area: 61 sq m.	Poor	Fair	2 co-dominant stems from 3m via tension union Large pruning wound at 2.5m N with adaptive growth Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0658		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	350		N:4 E:5 S:5 W:4	3.5(SW)	2.5	Radius: 4.2m. Area: 55 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Multiple wounds up to 2m from historic pruning to raise clear canopy height			<10 years	C2
0659		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	400		N:6 E:7 S:5 W:5	4(S)	1.5	Radius: 4.8m. Area: 72 sq m.	Poor	Fair	Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0660		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	350		N:5 E:5 S:5 W:5	4(S)	1.5	Radius: 4.2m. Area: 55 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage Areas of mechanical bark damage from 0m to 0.6m S with reaction wood developing			<10 years	C2
0661		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	380		N:5 E:5 S:5 W:4	3.5(W)	1.5	Radius: 4.6m. Area: 66 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0662		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	380		N:6 E:7 S:5 W:5	3.5(SE)	2	Radius: 4.6m. Area: 66 sq m.	Poor	Fair	2 co-dominant stems from 3.5m via tension union Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0663		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	370		N:5 E:4 S:6 W:4	3.5(E)	1	Radius: 4.4m. Area: 61 sq m.	Poor	Fair	2 co-dominant stems from 3m via compression union Minor deadwoods Chalara Ash Dieback on peripheral foliage Multiple wounds up to 4m from historic pruning to raise clear canopy height			<10 years	C2
0664		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	360		N:6 E:5 S:5 W:4	4.5(N)	2	Radius: 4.3m. Area: 58 sq m.	Poor	Fair	Crown development slightly suppressed from W Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0665		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	360		N:5 E:4 S:5 W:5	3(W)	1.5	Radius: 4.3m. Area: 58 sq m.	Poor	Fair	Minor deadwoods Chalara Ash Dieback on peripheral foliage Multiple wounds up to 3m from historic pruning to raise clear canopy height			<10 years	C2
0666		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	380		N:5 E:5 S:5 W:5	3(W)	2	Radius: 4.6m. Area: 66 sq m.	Poor	Fair	Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0667		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	390		N:5 E:5 S:5 W:4	4(W)	2	Radius: 4.7m. Area: 69 sq m.	Poor	Fair	Crown development slightly suppressed from W 2 co-dominant stems from 4.2m via tension union Multiple wounds up to 4m from historic pruning to raise clear canopy height with some decaying stumps Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0668		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	400		N:5 E:5 S:6 W:6	3(W)	2.5	Radius: 4.8m. Area: 72 sq m.	Poor	Fair	Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
0669		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	390		N:5 E:5 S:5 W:6	3(W)	1.5	Radius: 4.7m. Area: 69 sq m.	Poor	Fair	2 co-dominant stems from 3m via tension union Crown development slightly suppressed from E Minor deadwoods Chalara Ash Dieback on peripheral foliage			<10 years	C2
SECTOR 2a	Inchyra Rd E																
Sector Overview	Between Inchyra Road and Grange Burn	Mixed broadleaves	Variable	<10	<300						Variable	Variable	Young screening/amenity planting on roadside verge Occasional older Hawthorn Cherries and Goat willows planted as small clusters typically with one dominant specimen (tagged) Some well-formed young Sycamore and Ash specimens at top of Grange Burn embankment Life expectancy of Ash sps restricted by Chalara Ash Dieback			Variable	Variable
0701		Wild Cherry, <i>Prunus avium</i>	Early Mature	6		180, 160, 150,	N:4 E:4 S:4 W:4	0.5(E)	0.5	Radius: 3.4m. Area: 36 sq m.	Good	Fair	Multiple co-dominant stems from 0.3m via compression union			20+ Years	C2
0702		Common Alder, <i>Alnus glutinosa</i>	Early Mature	7		260, 190, 180,	N:4 E:3 S:4 W:4	1(S)	1	Radius: 4.4m. Area: 61 sq m.	Fair to Good	Fair to Good	2 co-dominant stems from 0m via tension union Largest specimen in small cluster of similar young trees			20+ Years	C2
0703		European Ash, <i>Fraxinus excelsior</i>	Semi Mature	6	180		N:3 E:3 S:3 W:3	1.5(N)	1	Radius: 2.2m. Area: 15 sq m.	Poor	Fair to Good	Chalara Ash Dieback Largest specimen in small cluster of similar young trees			<10 years	C2
0704		Goat Willow, <i>Salix caprea</i>	Early Mature	6	180		N:4 E:2 S:4 W:3	0(E)	1	Radius: 2.2m. Area: 15 sq m.	Fair	Fair	Crown development suppressed from E Minor deadwoods Largest specimen in small cluster of similar young trees			20+ Years	C2
0705		Wild Cherry, <i>Prunus avium</i>	Early Mature	6	180		N:4 E:3 S:1 W:3	1(S)	0	Radius: 2.2m. Area: 15 sq m.	Good	Fair	Crown development suppressed from S Largest specimen in small cluster of similar young trees			20+ Years	C2
0706		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	9	280		N:5 E:5 S:5 W:5	1.5(N)	1	Radius: 3.4m. Area: 36 sq m.	Good	Good	Viable young specimen			40+ Years	B2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0707		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	8	250		N:5 E:5 S:5 W:5	1(W)	1	Radius: 3.0m. Area: 28 sq m.	Good	Good	Viable young specimen			40+ Years	B2
0708		Goat Willow, <i>Salix caprea</i>	Early Mature	8	250		N:5 E:4 S:4 W:5	1(E)	1	Radius: 3.0m. Area: 28 sq m.	Fair to Good	Fair	Crown development suppressed from W Minor deadwoods Largest specimen in small cluster of similar young trees			20+ Years	C2
0709		Wild Cherry, <i>Prunus avium</i>	Early Mature	9		180, 170,	N:4 E:4 S:3 W:4	1(S)	1.5	Radius: 3.0m. Area: 28 sq m.	Good	Fair	2 co-dominant stems from 0m via compression union Largest specimen in small cluster of similar young trees			20+ Years	C2
0710		Wild Cherry, <i>Prunus avium</i>	Early Mature	9		220, 150, 130,	N:4 E:4 S:4 W:4	0.5(S)	0.5	Radius: 3.6m. Area: 41 sq m.	Good	Fair	Crown development slightly suppressed from E			20+ Years	C2
0711		Goat Willow, <i>Salix caprea</i>	Early Mature	9		180, 160, 140,	N:5 E:4 S:3 W:2	0.5(S)	1	Radius: 3.3m. Area: 34 sq m.	Fair	Fair	Crown development substantially suppressed from W Largest specimen in small cluster of similar young trees			20+ Years	C2
0712		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10	280		N:4 E:5 S:5 W:4	0.5(S)	0.5	Radius: 3.4m. Area: 36 sq m.	Good	Fair to Good	Viable young specimen			40+ Years	B2
0713		Goat Willow, <i>Salix caprea</i>	Early Mature	7	250		N:4 E:4 S:5 W:4	0.5(S)	0	Radius: 3.0m. Area: 28 sq m.	Fair	Fair	Minor deadwoods			20+ Years	C2
0714		Goat Willow, <i>Salix caprea</i>	Early Mature	7	170		N:4 E:5 S:2 W:3	0.5(E)	0.5	Radius: 2.0m. Area: 13 sq m.	Good	Fair	Crown development substantially suppressed from W Largest specimen in small cluster of similar young trees			20+ Years	C2
0715		Goat Willow, <i>Salix caprea</i>	Early Mature	7	200		N:5 E:4 S:2 W:3	0.5(W)	0.5	Radius: 2.4m. Area: 18 sq m.	Good	Fair	2 co-dominant stems from 2m via compression union Largest specimen in small cluster of similar young trees			20+ Years	C2
0716		Wild Cherry, <i>Prunus avium</i>	Early Mature	6	20		N:4 E:4 S:2 W:1	1(E)	1	too small to calc.	Good	Fair	Crown development suppressed from W Largest specimen in small cluster of similar young trees			20+ Years	C2
0717		Wild Cherry, <i>Prunus avium</i>	Early Mature	9		210, 190, 160,	N:4 E:4 S:4 W:3	1(S)	1	Radius: 3.9m. Area: 48 sq m.	Good	Fair	3 co-dominant stems from 0.5m via compression union Largest specimen in small cluster of similar young trees			20+ Years	C2
0718		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	11		280, 280, 200, 160,	N:5 E:4 S:5 W:4	0.5(W)	0	Radius: 5.7m. Area: 102 sq m.	Good	Fair	Multistemmed coppice regeneration			20+ Years	C2
0719		Goat Willow, <i>Salix caprea</i>	Early Mature	10	260		N:5 E:5 S:1 W:2	1.5(W)	1.5	Radius: 3.1m. Area: 30 sq m.	Fair to Good	Fair	Crown development substantially suppressed from S			20+ Years	C2
0720		Wild Cherry, <i>Prunus avium</i>	Early Mature	7	200		N:3 E:2 S:2 W:2	0.5(N)	0.5	Radius: 2.4m. Area: 18 sq m.	Fair	Fair	2 co-dominant stems from 2.2m via tension union Suppressed specimen with stretched crown development Largest specimen in small cluster of similar young trees			20+ Years	C2
0721		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	7	240		N:4 E:5 S:4 W:4	1(E)	1	Radius: 2.9m. Area: 26 sq m.	Good	Fair to Good	Viable young specimen			40+ Years	B2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0722		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10		250, 230, 210,	N:5 E:6 S:5 W:5	1(NW)	0.5	Radius: 4.8m. Area: 72 sq m.	Good	Fair	Multistemmed coppice regeneration			20+ Years	C2
0723		Wild Cherry, <i>Prunus avium</i>	Semi Mature	6	220		N:3 E:4 S:3 W:4	1.5(NE)	1.5	Radius: 2.6m. Area: 21 sq m.	Good	Fair to Good	Largest specimen in small cluster of similar young trees			20+ Years	C2
0724		Goat Willow, <i>Salix caprea</i>	Early Mature	9		150, 140,	N:2 E:3 S:3 W:2	1(W)	1.5	Radius: 2.5m. Area: 20 sq m.	Fair	Fair	Crown development suppressed from E Largest specimen in small cluster of similar young trees			20+ Years	C2
0725		Wild Cherry, <i>Prunus avium</i>	Early Mature	7	190		N:4 E:4 S:3 W:2	1(E)	1	Radius: 2.3m. Area: 17 sq m.	Good	Fair	Crown development suppressed from W Largest specimen in small cluster of similar young trees			20+ Years	C2
0726		Goat Willow, <i>Salix caprea</i>	Early Mature	7		220, 210,	N:3 E:4 S:4 W:4	0.5(N)	1	Radius: 3.6m. Area: 41 sq m.	Fair	Fair	2 co-dominant stems from 0.8m via compression union Largest specimen in small cluster of similar young trees			20+ Years	C2
0727		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	9		260, 240,	N:3 E:4 S:4 W:3	1(E)	1	Radius: 4.2m. Area: 55 sq m.	Good	Fair	2 co-dominant stems from 0.5m via compression union			20+ Years	C2
0728		Wild Cherry, <i>Prunus avium</i>	Early Mature	5	140		N:3 E:3 S:3 W:4	0.5(SE)	0.5	Radius: 1.7m. Area: 9 sq m.	Good	Fair	Largest specimen in small cluster of similar young trees			20+ Years	C2
0729		Goat Willow, <i>Salix caprea</i>	Early Mature	7		160, 150,	N:4 E:4 S:3 W:1	0(E)	0.5	Radius: 2.6m. Area: 21 sq m.	Fair	Fair	Crown development suppressed from W 2 co-dominant stems from 0m via compression union Largest specimen in small cluster of similar young trees			20+ Years	C2
0730		Goat Willow, <i>Salix caprea</i>	Early Mature	7		170, 150,	N:4 E:3 S:4 W:4	0(N)	1	Radius: 2.7m. Area: 23 sq m.	Fair	Fair	Crown development suppressed from N Largest specimen in small cluster of similar young trees			20+ Years	C2
0731		Wild Cherry, <i>Prunus avium</i>	Early Mature	7	160		N:3 E:3 S:2 W:2	1.5(N)	0	Radius: 1.9m. Area: 11 sq m.	Good	Fair	Crown development suppressed from W Largest specimen in small cluster of similar young trees			20+ Years	C2
0732		Wych Elm, <i>Ulmus glabra</i>	Early Mature	9		230, 200, 200, 180, 170, 170,	N:6 E:6 S:5 W:5	1(E)	0.5	Radius: 5.7m. Area: 102 sq m.	Good	Fair	Multistemmed coppice regeneration			10+ Years	C2
0733		Wild Cherry, <i>Prunus avium</i>	Early Mature	8	160		N:3 E:3 S:2 W:3	0.5(W)	0.5	Radius: 1.9m. Area: 11 sq m.	Good	Fair	Largest specimen in small cluster of similar young trees			20+ Years	C2
0734		Goat Willow, <i>Salix caprea</i>	Early Mature	7	180		N:4 E:4 S:3 W:3	1(N)	1	Radius: 2.2m. Area: 15 sq m.	Fair to Good	Fair	Crown development suppressed from W 2 co-dominant stems from 0.4m via compression union Largest specimen in small cluster of similar young trees			20+ Years	C2
0735		Goat Willow, <i>Salix caprea</i>	Early Mature	7	230		N:4 E:4 S:4 W:4	1(E)	1	Radius: 2.8m. Area: 25 sq m.	Fair to Good	Fair to Good	Largest specimen in small cluster of similar young trees			20+ Years	C2
0736		Wild Cherry, <i>Prunus avium</i>	Early Mature	6	160		N:4 E:3 S:3 W:3	0(S)	0.5	Radius: 1.9m. Area: 11 sq m.	Good	Fair to Good	Crown development slightly suppressed from W Largest specimen in small cluster of similar young trees			20+ Years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0737		Goat Willow, <i>Salix caprea</i>	Early Mature	7		170, 150,	N:4 E:3 S:4 W:3	0(NE)	0.5	Radius: 2.7m. Area: 23 sq m.	Fair to Good	Fair	Crown development suppressed from E 2 co-dominant stems from 0.2m via compression union Minor deadwoods Largest specimen in small cluster of similar young trees			20+ Years	C2
0738		Wild Cherry, <i>Prunus avium</i>	Early Mature	6	170		N:4 E:4 S:2 W:3	0.5(N)	1	Radius: 2.0m. Area: 13 sq m.	Good	Fair to Good	Crown development slightly suppressed from W			20+ Years	C2
0739		Goat Willow, <i>Salix caprea</i>	Early Mature	8	170		N:5 E:3 S:2 W:3	0.5(N)	0.5	Radius: 2.0m. Area: 13 sq m.	Good	Fair	Crown development suppressed from W Stem slightly inclined to E			20+ Years	C2
0740		Goat Willow, <i>Salix caprea</i>	Early Mature	7		170, 160, 150, 150,	N:5 E:4 S:2 W:4	0(N)	0	Radius: 3.8m. Area: 45 sq m.	Fair	Fair	Multiple co-dominant stems from 0m via compression union Largest specimen in small cluster of similar young trees			20+ Years	C2
0741		Wild Cherry, <i>Prunus avium</i>	Early Mature	8		180, 140,	N:5 E:4 S:3 W:3	1(NW)	1	Radius: 2.7m. Area: 23 sq m.	Good	Fair to Good	2 co-dominant stems from 0.4m via compression union Crown development slightly suppressed from W			20+ Years	C2
0742		Wild Cherry, <i>Prunus avium</i>	Early Mature	6	230		N:3 E:4 S:3 W:4	1(S)	1	Radius: 2.8m. Area: 25 sq m.	Good	Fair to Good	2 co-dominant stems from 1.4m via compression union Largest specimen in small cluster of similar young trees			20+ Years	C2
0743		Goat Willow, <i>Salix caprea</i>	Early Mature	7	250		N:5 E:5 S:5 W:3	1(E)	1	Radius: 3.0m. Area: 28 sq m.	Fair	Fair	2 co-dominant stems from 1.3m via tension union Largest specimen in small cluster of similar young trees			20+ Years	C2
0744		Goat Willow, <i>Salix caprea</i>	Early Mature	6		220, 150,	N:4 E:0 S:4 W:4	1(W)	1	Radius: 3.2m. Area: 32 sq m.	Fair to Good	Fair to Poor	Crown development substantially suppressed from SE 2 co-dominant stems from 0.5m via compression union			20+ Years	C2
0745		Wild Cherry, <i>Prunus avium</i>	Early Mature	9	210		N:5 E:4 S:4 W:3	1(N)	0.5	Radius: 2.5m. Area: 20 sq m.	Good	Fair	Crown development slightly suppressed from W			20+ Years	C2
0746		Wild Cherry, <i>Prunus avium</i>	Early Mature	9		190, 170, 160,	N:4 E:4 S:3 W:2	1(W)	1	Radius: 3.6m. Area: 41 sq m.	Good	Fair	3 co-dominant stems from 0.6m via compression union Crown development suppressed from N			20+ Years	C2
0747		Wild Cherry, <i>Prunus avium</i>	Early Mature	9		230, 220, 160,	N:5 E:5 S:5 W:3	1.5(N)	1	Radius: 4.3m. Area: 58 sq m.	Good	Fair to Good	Crown development slightly suppressed from W 3 co-dominant stems from 0.5m via compression union			20+ Years	C2
0748		Wild Cherry, <i>Prunus avium</i>	Early Mature	8		200, 200, 190, 160, 150,	N:5 E:5 S:3 W:4	1(E)	0.5	Radius: 4.9m. Area: 75 sq m.	Good	Fair to Poor	Crown development suppressed from S Multiple co-dominant stems from 0.5m via compression union with bark inclusion and associated structural weakness			10+ Years	C2
0749		Wild Cherry, <i>Prunus avium</i>	Early Mature	8		230, 190,	N:4 E:3 S:4 W:4	1(W)	1	Radius: 3.6m. Area: 41 sq m.	Good	Fair to Good	Crown development slightly suppressed from E 2 co-dominant stems from 0.2m via compression union Largest specimen in small cluster of similar young trees			20+ Years	C2
0750		Goat Willow, <i>Salix caprea</i>	Early Mature	8		250, 220,	N:5 E:5 S:4 W:4	1(N)	1	Radius: 4.0m. Area: 50 sq m.	Fair to Good	Fair	Crown development slightly suppressed from W 2 co-dominant stems from 0.2m via compression union			20+ Years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0751		Wild Cherry, <i>Prunus avium</i>	Early Mature	9	230		N:3 E:4 S:3 W:3	0.5(NW)	1	Radius: 2.8m. Area: 25 sq m.	Good	Fair to Good	Crown development slightly suppressed from N Largest specimen in small cluster of similar young trees			20+ Years	C2
0752		Goat Willow, <i>Salix caprea</i>	Early Mature	9		260, 190, 190,	N:5 E:5 S:3 W:3	1.5(E)	1.5	Radius: 4.5m. Area: 64 sq m.	Fair to Good	Fair to Good	3 co-dominant stems from 1m via tension union Crown development slightly suppressed from W			20+ Years	C2
0753		Goat Willow, <i>Salix caprea</i>	Early Mature	7	180		N:6 E:5 S:1 W:4	0.5(W)	1	Radius: 2.2m. Area: 15 sq m.	Good	Fair	Crown development substantially suppressed from SW Stem slightly inclined to NE Largest specimen in small cluster of similar young trees			20+ Years	C2
0754		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	8	250		N:4 E:4 S:4 W:4	0.5(E)	1	Radius: 3.0m. Area: 28 sq m.	Good	Fair to Good	Viable young specimen			40+ Years	B2
0755		Goat Willow, <i>Salix caprea</i>	Early Mature	7		210, 160, 150,	N:5 E:5 S:3 W:4	0.5(N)	0.5	Radius: 3.6m. Area: 41 sq m.	Good	Fair	2 co-dominant stems from 0.3m via compression union Largest specimen in small cluster of similar young trees			20+ Years	C2
0756		Hawthorn, <i>Crataegus monogyna</i>	Mature	5		220, 210,	N:4 E:3 S:4 W:4	1(S)	0.5	Radius: 3.6m. Area: 41 sq m.	Good	Fair to Good	2 co-dominant stems from 0.5m via compression union Minor deadwoods			40+ Years	B2
0757		Hawthorn, <i>Crataegus monogyna</i>	Mature	5	220		N:4 E:3 S:3 W:3	0(S)	0	Radius: 2.6m. Area: 21 sq m.	Fair to Good	Fair	Multiple deadwoods Largest specimen in small cluster of similar young trees			40+ Years	B2
0758		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	7	250		N:3 E:3 S:3 W:4	1.5(S)	1	Radius: 3.0m. Area: 28 sq m.	Good	Fair to Good	Viable young specimen			40+ Years	B2
0759		Hawthorn, <i>Crataegus monogyna</i>	Mature	4		250, 200,	N:4 E:4 S:4 W:3	0.5(S)	0	Radius: 3.8m. Area: 45 sq m.	Good	Fair to Good	2 co-dominant stems from 0.7m via compression union Largest specimen in small cluster of similar young trees			40+ Years	B2
0760		European Ash, <i>Fraxinus excelsior</i>	Early Mature	9	230		N:4 E:3 S:3 W:3	2.5(E)	2	Radius: 2.8m. Area: 25 sq m.	Poor	Fair to Good	2 co-dominant stems from 3.5m via tension union Rooted at base of small mature Hawthorn Chalara Ash Dieback			<10 years	C2
Group 2a.1	Embankment of Grange Burn	Crack Willow, <i>Salix fragilis</i>	Early Mature	<9	<180						Good	Fair	Extensive cluster of multi-stemmed specimens			20+ Years	C2
SECTOR 2b	Wholeflats Rd W																
Sector Overview	Between Wholeflats Road (West section) and Grange Burn	Mixed broadleaves	Variable	<12	<350						Variable	Variable	Sporadic broadleaf trees in scrub undercanopy			Variable	Variable
0761		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	7	180		N:3 E:3 S:2 W:2	1.5(S)	1	Radius: 2.2m. Area: 15 sq m.	Good	Fair	2 co-dominant stems from 2.2m via compression union Crown development slightly suppressed from NW			20+ Years	C2
0762		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	9	260		N:5 E:6 S:6 W:6	1(SW)	0.5	Radius: 3.1m. Area: 30 sq m.	Good	Fair	2 co-dominant stems from 1.3m via tension union			20+ Years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0763		Goat Willow, <i>Salix caprea</i>	Mature	10		350, 330, 320, 320, 300, 290,	N:7 E:7 S:7 W:6	1.5(E)	1	Radius: 9.4m. Area: 278 sq m.	Fair	Fair	Multiple co-dominant stems from 0m via compression union Multiple snags and deadwoods Approaching overmaturity			10+ Years	C2
0764		Hawthorn, <i>Crataegus monogyna</i>	Mature	5		180, 140,	N:3 E:2 S:3 W:2	0(N)	0.5	Radius: 2.7m. Area: 23 sq m.	Good	Fair	Multiple co-dominant stems from 0m via compression union Largest specimen in small cluster of similar young trees			20+ Years	B2
0765		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	9	190		N:2 E:3 S:2 W:2	2(E)	2	Radius: 2.3m. Area: 17 sq m.	Good	Fair	Viable young specimen			20+ Years	C2
0766		Hawthorn, <i>Crataegus monogyna</i>	Mature	6		220, 200,	N:4 E:4 S:3 W:3	0.5(E)	0.5	Radius: 3.6m. Area: 41 sq m.	Good	Fair	2 co-dominant stems from 0.8m via compression union Crown development suppressed from S Largest specimen in small cluster of similar young trees			20+ Years	C2
0767		Goat Willow, <i>Salix caprea</i>	Over Mature	12		490, 330,	N:8 E:9 S:8 W:8	1(S)	1	Radius: 7.1m. Area: 158 sq m.	Fair	Fair to Poor	2 co-dominant stems from 0m via tension union Multiple snags and deadwoods			<10 years	C2
0768		Hawthorn, <i>Crataegus monogyna</i>	Mature	7	240		N:5 E:4 S:4 W:2	1(E)	0.5	Radius: 2.9m. Area: 26 sq m.	Good	Fair	Minor deadwoods Largest specimen in small cluster of similar young trees			20+ Years	B2
0769		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10	340		N:3 E:5 S:4 W:4	2(N)	2	Radius: 4.1m. Area: 53 sq m.	Good	Fair to Good	2 co-dominant stems from 4.5m via tension union Viable young specimen			40+ Years	B2
0770		Common Alder, <i>Alnus glutinosa</i>	Early Mature	10		180, 130,	N:2 E:3 S:4 W:2	3(S)	3	Radius: 2.7m. Area: 23 sq m.	Good	Fair to Good	2 co-dominant stems from 0m via compression union Suppressed specimen with stretched crown development Largest specimen in small cluster of similar young trees			20+ Years	C2
0771		Hawthorn, <i>Crataegus monogyna</i>	Mature	6		210, 200, 150,	N:4 E:4 S:4 W:4	0.5(S)	0.5	Radius: 3.9m. Area: 48 sq m.	Good	Fair	2 co-dominant stems from 0.8m via compression union Multiple snags and deadwoods			20+ Years	B2
0772		Hawthorn, <i>Crataegus monogyna</i>	Mature	7	350		N:4 E:5 S:5 W:4	0.5(SW)	0.5	Radius: 4.2m. Area: 55 sq m.	Good	Fair to Good	Minor deadwoods			20+ Years	B2
0773		Hawthorn, <i>Crataegus monogyna</i>	Mature	6		190, 170, 150, 140,	N:4 E:4 S:5 W:4	0.5(S)	0.5	Radius: 3.9m. Area: 48 sq m.	Fair to Good	Fair	Multiple co-dominant stems from 0.3m via compression union Minor deadwoods Largest specimen in small cluster of similar young trees			20+ Years	C2
0774		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	7		210, 170,	N:0 E:2 S:6 W:5	2(S)	1	Radius: 3.2m. Area: 32 sq m.	Good	Fair to Poor	Crown development substantially suppressed from N 2 co-dominant stems from 0.3m via compression union with adaptive rib			<10 years	C2
0775		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10		310, 280,	N:5 E:4 S:6 W:5	1(S)	1	Radius: 5.0m. Area: 79 sq m.	Good	Fair	2 co-dominant stems from 0m via compression union			20+ Years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0776		Hawthorn, <i>Crataegus monogyna</i>	Mature	6		250, 170,	N:4 E:4 S:4 W:3	0.5(NW)	0	Radius: 3.6m. Area: 41 sq m.	Good	Fair	Bi-stemmed from ground level Minor deadwoods Largest specimen in small cluster of similar young trees			20+ Years	B2
0777		Hawthorn, <i>Crataegus monogyna</i>	Mature	5		220, 190, 170,	N:3 E:3 S:3 W:4	1(E)	0	Radius: 4.0m. Area: 50 sq m.	Fair to Good	Fair	3 co-dominant stems from 1.2m via tension union Branch fracture point 0.3m S with decaying stump Minor deadwoods			10+ Years	C2
0778		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	9	290		N:6 E:6 S:4 W:5	0.5(W)	0.5	Radius: 3.5m. Area: 38 sq m.	Good	Fair	Crown development slightly suppressed from W 2 co-dominant stems from 2.2m via compression union with bark inclusion			20+ Years	C2
0779		Hawthorn, <i>Crataegus monogyna</i>	Mature	7		230, 220,	N:3 E:4 S:4 W:4	0.5(E)	0.5	Radius: 3.8m. Area: 45 sq m.	Good	Fair to Good	2 co-dominant stems from 0.2m via compression union Crown development slightly suppressed from N			20+ Years	C2
0780		Hawthorn, <i>Crataegus monogyna</i>	Mature	6	200		N:2 E:2 S:2 W:3	2(S)	1	Radius: 2.4m. Area: 18 sq m.	Good	Fair	Crown development suppressed from E Ivy infesting stem and crown Largest specimen in small cluster of similar young trees			20+ Years	C2
0781		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	10		210, 190, 150,	N:4 E:4 S:3 W:2	1(N)	1.5	Radius: 3.8m. Area: 45 sq m.	Good	Fair	3 co-dominant stems from 0m via compression union			20+ Years	C2
0782		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	8	310		N:5 E:5 S:4 W:4	1.5(W)	0.5	Radius: 3.7m. Area: 43 sq m.	Good	Fair to Good	Viable young specimen			40+ Years	B2
0783		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	7		220, 220,	N:4 E:4 S:4 W:4	0.5(S)	0.5	Radius: 3.7m. Area: 43 sq m.	Good	Fair	2 co-dominant stems from 0.4m via compression union			20+ Years	C2
0784		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	6	220		N:4 E:3 S:3 W:3	0(W)	0.5	Radius: 2.6m. Area: 21 sq m.	Good	Fair	2 co-dominant stems from 1.8m via compression union			10+ Years	C2
0785		Wild Cherry, <i>Prunus avium</i>	Semi Mature	9	200		N:3 E:3 S:3 W:2	2(N)	1.5	Radius: 2.4m. Area: 18 sq m.	Good	Fair to Good	Viable young specimen			20+ Years	B2
0786		Hawthorn, <i>Crataegus monogyna</i>	Mature	6	210		N:3 E:4 S:4 W:3	1(S)	0.5	Radius: 2.5m. Area: 20 sq m.	Good	Good	Well formed crown structure			20+ Years	B2
0787		Rowan, <i>Sorbus aucuparia</i>	Early Mature	7		140, 140, 130, 130, 120,	N:5 E:3 S:1 W:3	2(E)	1.5	Radius: 3.6m. Area: 41 sq m.	Good	Fair	Multiple co-dominant stems from 0m via compression union			20+ Years	C2
Group 2b.1		Hawthorn, <i>Crataegus monogyna</i>	Mature	<8	<300						Fair	Fair	Sporadic mature hawthorns with occasional small sycamore seedlings Individually tagged trees within group are representative			20+ Years	C
Group 2b.2		Hawthorn, <i>Crataegus monogyna</i> Rowan, <i>Sorbus aucuparia</i>	Early mature/Mature	<10	<300						Fair	Fair	Small cluster of Hawthorn and Rowan Individually tagged trees within group are representative			20+ Years	C
SECTOR 2c	Smiddy Brae W																

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Sector Overview	West of Smiddy Brae	Mixed broadleaves	Early mature/Mature	<15	<500						Fair to Good	Fair to Good	Screening/amenity planting in clusters and featuring individual specimen trees Life expectancy of Ash sps restricted by Chalara Ash Dieback				
788		Common Alder, <i>Alnus glutinosa</i>	Early Mature	9	190		N:4 E:3 S:3 W:3	1.5(S)	1.5	Radius: 2.3m. Area: 17 sq m.	Good	Fair to Good	Viable young specimen			40+ Years	B2
789		Silver Birch, <i>Betula pendula</i>	Early Mature	14		270, 200,	N:4 E:3 S:3 W:3	1.5(S)	1	Radius: 4.0m. Area: 50 sq m.	Good	Fair to Good	Viable young specimen 2 co-dominant stems from 0m via compression union			40+ Years	B2
790		Whitebeam, <i>Sorbus aria</i>	Mature	6		360, 230, 200,	N:5 E:5 S:5 W:4	1(NE)	0.5	Radius: 5.7m. Area: 102 sq m.	Fair to Good	Fair	Multiple co-dominant stems from 0m via compression union Multiple points of coarse lopping to branch extensions in lower crown			10+ Years	C2
791		Field Maple, <i>Acer campestre</i>	Early Mature	11		320, 260,	N:5 E:3 S:5 W:5	0.5(S)	0.5	Radius: 4.9m. Area: 75 sq m.	Fair to Good	Fair to Good	2 co-dominant stems from 0.8m via compression union Crown development slightly suppressed from E Redundant tree stake embedded at root collar			20+ Years	B2
792		Field Maple, <i>Acer campestre</i>	Mature	15		480, 380,	N:7 E:6 S:7 W:8	1(S)	1	Radius: 7.3m. Area: 167 sq m.	Good	Fair to Good	Substantial specimen with ramifying crown structure Multiple points of coarse lopping to branch extensions in lower crown Minor deadwoods			40+ Years	B2
793		Common Alder, <i>Alnus glutinosa</i>	Early Mature	13	300		N:3 E:3 S:3 W:4	1(W)	1	Radius: 3.6m. Area: 41 sq m.	Good	Fair to Good	Crown development slightly suppressed from NE Redundant tree stake embedded at root collar			40+ Years	B2
794		Common Alder, <i>Alnus glutinosa</i>	Early Mature	7	290		N:4 E:3 S:4 W:4	0.5(SE)	1	Radius: 3.5m. Area: 38 sq m.	Fair to Good	Fair	Multiple points of coarse lopping to branch extensions in lower crown			20+ Years	C2
795		Whitebeam, <i>Sorbus aria</i>	Early Mature	5		230, 220,	N:4 E:3 S:3 W:3	1(N)	0.5	Radius: 3.8m. Area: 45 sq m.	Fair to Good	Fair	2 co-dominant stems from 0.6m via compression union Stem slightly inclined to N Multiple points of coarse lopping to branch extensions in lower crown Largest specimen in small cluster of similar young trees			20+ Years	C2
796		Field Maple, <i>Acer campestre</i>	Early Mature	8	310		N:4 E:4 S:3 W:3	2(N)	1	Radius: 3.7m. Area: 43 sq m.	Good	Fair to Good	Viable young specimen 3 co-dominant stems from 2.8m via tension union			20+ Years	B2
797		Norway Spruce, <i>Picea abies</i>	Early Mature	11	340		N:6 E:5 S:5 W:5	2(E)	1	Radius: 4.1m. Area: 53 sq m.	Good	Fair to Good	2 co-dominant stems from 3.5m via tension union Minor deadwoods Redundant tree stake embedded at root collar			20+ Years	B2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
798		Field Maple, <i>Acer campestre</i>	Early Mature	12	380		N:3 E:3 S:3 W:4	1(E)	1	Radius: 4.6m. Area: 66 sq m.	Good	Fair	2 co-dominant stems from 3.5m via compression union Slightly congested crown structure with crossing branches			20+ Years	B2
799		Silver Birch, <i>Betula pendula</i>	Early Mature	8	220		N:3 E:4 S:3 W:3	1.5(W)	0.5	Radius: 2.6m. Area: 21 sq m.	Fair to Good	Fair	Stem slightly bowed to E Multiple points of coarse lopping to branch extensions in lower crown			20+ Years	C2
800		Silver Birch, <i>Betula pendula</i>	Early Mature	8		240, 160,	N:4 E:3 S:3 W:5	1(NE)	1	Radius: 3.5m. Area: 38 sq m.	Good	Fair	2 co-dominant stems from 0m via tension union Principal stem slightly inclined to E			20+ Years	C2
801		Japanese Zelkova, <i>Zelkova serrata</i>	Mature	12	420		N:6 E:6 S:5 W:6	3(S)	1.5	Radius: 5.0m. Area: 79 sq m.	Fair to Good	Fair	3 co-dominant stems from 2.2m via tension union Stem slightly inclined to E Multiple points of coarse lopping to branch extensions in lower crown			20+ Years	B2
802		Whitebeam, <i>Sorbus aria</i>	Early Mature	4.5	220		N:4 E:3 S:3 W:3	1(S)	0.5	Radius: 2.6m. Area: 21 sq m.	Good	Fair to Good	Redundant tree stake embedded at root collar Largest specimen in small cluster of similar young trees			20+ Years	B2
803		European Ash, <i>Fraxinus excelsior</i>	Early Mature	8	270		N:4 E:4 S:3 W:4	1(NW)	1	Radius: 3.2m. Area: 32 sq m.	Poor	Fair to Good	Chalara Ash Dieback			<10 years	C2
804		European Ash, <i>Fraxinus excelsior</i>	Early Mature	10	270		N:4 E:3 S:4 W:4	1(W)	1	Radius: 3.2m. Area: 32 sq m.	Poor	Fair	Chalara Ash Dieback			<10 years	C2
805		Swedish Whitebeam, <i>Sorbus intermedia</i>	Early Mature	8	360		N:5 E:4 S:5 W:4	1.5(E)	0.5	Radius: 4.3m. Area: 58 sq m.	Good	Fair	Viable young specimen Multiple points of coarse lopping to branch extensions in lower crown Redundant tree stake embedded at root collar			20+ Years	B2
806		Swedish Whitebeam, <i>Sorbus intermedia</i>	Early Mature	8	360		N:3 E:4 S:4 W:5	2(E)	0.5	Radius: 4.3m. Area: 58 sq m.	Good	Fair to Good	Crown development slightly suppressed from N			20+ Years	B2
807		Common Alder, <i>Alnus glutinosa</i>	Early Mature	12		290, 270, 260,	N:6 E:5 S:6 W:6	0.5(S)	0	Radius: 5.7m. Area: 102 sq m.	Good	Fair	3 co-dominant stems from 1.2m via compression union Redundant tree stake embedded at root collar			20+ Years	B2
808		Crack Willow, <i>Salix fragilis</i>	Early Mature	12	400		N:4 E:4 S:3 W:4	0.5(S)	0.5	Radius: 4.8m. Area: 72 sq m.	Good	Fair	Multiple co-dominant stems from 0m via compression union Crown development slightly suppressed from S			20+ Years	B2
809		Grey Alder, <i>Alnus incana</i>	Early Mature	12		210, 210, 200,	N:5 E:4 S:4 W:4	0.5(N)	0.5	Radius: 4.3m. Area: 58 sq m.	Fair	Fair	3 co-dominant stems from 0.5m via compression union Slight apical dieback			10+ Years	C2
810		Grey Alder, <i>Alnus incana</i>	Early Mature	12		210, 200,	N:3 E:5 S:3 W:3	0.5(E)	0.5	Radius: 3.5m. Area: 38 sq m.	Fair to Good	Fair	2 co-dominant stems from 1.2m via compression union Slightly suppressed specimen with stretched crown development			10+ Years	C2
811		European Ash, <i>Fraxinus excelsior</i>	Semi Mature	11		220, 180,	N:2 E:2 S:2 W:2	2(S)	2	Radius: 3.4m. Area: 36 sq m.	Poor	Fair	Chalara Ash Dieback Largest specimen in small cluster of similar young trees			<10 years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
812		Swedish Whitebeam, <i>Sorbus intermedia</i>	Early Mature	9	360		N:5 E:5 S:5 W:2	1(N)	1	Radius: 4.3m. Area: 58 sq m.	Good	Fair	Crown development suppressed from W Multiple points of coarse lopping to branch extensions in lower crown			20+ Years	C2
813		Field Maple, <i>Acer campestre</i>	Early Mature	15	260		N:3 E:2 S:2 W:3	2(S)	1.5	Radius: 3.1m. Area: 30 sq m.	Good	Fair	Slightly suppressed specimen with stretched crown development 2 co-dominant stems from 2m via tension union Redundant tree stake embedded at root collar			20+ Years	C2
814		Field Maple, <i>Acer campestre</i>	Early Mature	13	450		N:5 E:6 S:5 W:6	1(S)	1	Radius: 5.4m. Area: 92 sq m.	Good	Fair to Good	2 co-dominant stems from 2.2m via compression union Redundant tree stake embedded at root collar			20+ Years	B2
815		Field Maple, <i>Acer campestre</i>	Early Mature	10		280, 240, 220,	N:5 E:4 S:5 W:6	0.5(S)	0.5	Radius: 5.1m. Area: 82 sq m.	Good	Fair	3 co-dominant stems from 1m via compression union Multiple points of coarse lopping to branch extensions in lower crown			20+ Years	B2
816		Common Lime, <i>Tilia x europaea</i>	Early Mature	13	230		N:3 E:3 S:3 W:5	2(W)	0.5	Radius: 2.8m. Area: 25 sq m.	Good	Fair	2 co-dominant stems from 2.8m via compression union Slightly suppressed specimen with stretched crown development			20+ Years	B2
817		Hawthorn, <i>Crataegus monogyna</i>	Early Mature	6		140, 130, 130,	N:5 E:3 S:3 W:2	0.5(N)	0.5	Radius: 2.8m. Area: 25 sq m.	Good	Fair	Crown development suppressed from W			20+ Years	C2
818		Common Lime, <i>Tilia x europaea</i>	Early Mature	8		240, 220,	N:3 E:3 S:3 W:2	0(N)	0	Radius: 3.9m. Area: 48 sq m.	Good	Fair	2 co-dominant stems from 0m via compression union Major fracture wound to E co-leader 0-0.7m with reaction growth over decaying tissue Multiple points of coarse lopping to branch extensions in lower crown			20+ Years	C2
819		Silver Birch, <i>Betula pendula</i>	Early Mature	17	410		N:8 E:7 S:6 W:4	1.5(S)	0.5	Radius: 4.9m. Area: 75 sq m.	Good	Fair to Good	2 co-dominant stems from 3.5m via compression union Redundant tree stake embedded at root collar			20+ Years	B2
820		Silver Birch, <i>Betula pendula</i>	Early Mature	10	230		N:2 E:3 S:2 W:2	1.5(E)	1	Radius: 2.8m. Area: 25 sq m.	Good	Fair to Good	Crown development slightly suppressed from NW			20+ Years	B2
821		Whitebeam, <i>Sorbus aria</i>	Early Mature	6	260		N:5 E:4 S:4 W:3	1.5(N)	1	Radius: 3.1m. Area: 30 sq m.	Good	Fair to Good	Redundant tree stake embedded at root collar			20+ Years	C2
822		Whitebeam, <i>Sorbus aria</i>	Early Mature	6		200, 140,	N:5 E:3 S:2 W:2	1.5(S)	0.5	Radius: 2.9m. Area: 26 sq m.	Good	Fair	2 co-dominant stems from 0.2m via compression union Crown development substantially suppressed from SW			10+ Years	C2
823		European Ash, <i>Fraxinus excelsior</i>	Early Mature	8		210, 180,	N:4 E:3 S:3 W:3	2(N)	2	Radius: 3.3m. Area: 34 sq m.	Poor	Fair	2 co-dominant stems from 0.3m via compression union Multiple points of coarse lopping to branch extensions in lower crown Chalara Ash Dieback			<10 years	C2
824		Common Alder, <i>Alnus glutinosa</i>	Early Mature	13	330		N:5 E:3 S:3 W:4	0(NW)	1	Radius: 4.0m. Area: 50 sq m.	Good	Fair to Good	Crown development suppressed from E Viable young specimen			20+ Years	B2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
825		Common Alder, <i>Alnus glutinosa</i>	Semi Mature	7		150, 130, 120,	N:4 E:3 S:3 W:2	0.5(N)	0.5	Radius: 2.8m. Area: 25 sq m.	Good	Fair to Poor	3 co-dominant stems from 0.5m via compression union Suppressed/subdominant specimen			<10 years	C2
826		European Ash, <i>Fraxinus excelsior</i>	Early Mature	9		260, 180,	N:5 E:4 S:5 W:4	1(S)	1	Radius: 3.8m. Area: 45 sq m.	Poor	Fair	2 co-dominant stems from 0.6m via compression union Multiple points of coarse lopping to branch extensions in lower crown Chalara Ash Dieback Surrounded by similar smaller specimens			<10 years	C2
827		Field Maple, <i>Acer campestre</i>	Early Mature	11	440		N:7 E:5 S:7 W:7	0.5(N)	0.5	Radius: 5.3m. Area: 88 sq m.	Good	Fair to Good	2 co-dominant stems from 2.8m via tension union Redundant tree stake embedded at root collar Viable young specimen			40+ Years	B2
828		European Ash, <i>Fraxinus excelsior</i>	Early Mature	9	290		N:5 E:4 S:5 W:4	2(S)	2	Radius: 3.5m. Area: 38 sq m.	Poor	Fair	2 co-dominant stems from 2.5m via tension union Multiple points of coarse lopping to branch extensions in lower crown Chalara Ash Dieback			<10 years	C2
829		Common Lime, <i>Tilia x europaea</i>	Early Mature	8	260		N:4 E:3 S:3 W:4	0(N)	0	Radius: 3.1m. Area: 30 sq m.	Good	Fair to Good	Basal epicormic growths			40+ Years	B2
830		Common Lime, <i>Tilia x europaea</i>	Early Mature	8		230, 170,	N:4 E:3 S:3 W:3	0(S)	0	Radius: 3.4m. Area: 36 sq m.	Good	Fair to Good	2 co-dominant stems from 0m via compression union			40+ Years	B2
Group 2c.1	South of Smiddy Brae/Grange Burn bridge	Wild Cherry, <i>Prunus avium</i> Hawthorn, <i>Crataegus monogyna</i> Grey Alder, <i>Alnus incana</i> Crack Willow, <i>Salix fragilis</i>	Mature/ Early Mature	<12	<250		Not Recorded	Not Recorded	Not Recorded	Not Recorded	Good	Fair to Good	Small corpse containing mature hawthorns and younger broadleaves with dense undercanopy No access available to individual trees			40+ Years	B2
Group 2c.2	On fenceline at NW end of Sector	Common Alder, <i>Alnus glutinosa</i>	Early Mature	<10	<200		Not Recorded	Not Recorded	Not Recorded	Not Recorded	Good	Fair to Good	Loose cluster of young self seeded Alders on marshy ground			20+ Years	C2
Group 2c.3	At S end of Sector	European Ash, <i>Fraxinus excelsior</i>	Semi Mature	<10	<250		Not Recorded	Not Recorded	Not Recorded	Not Recorded	Poor	Fair	Self seeded young Ash specimens all infected by Chalara Ash Dieback			<10 years	C2
Group 2c.4	On fenceline at SW end of Sector	European Ash, <i>Fraxinus excelsior</i>	Early Mature	<16	<250		Not Recorded	Not Recorded	Not Recorded	Not Recorded	Poor	Fair	Sporadic young self seeded trees on fence line All infected with Chalara Ash Dieback			<10 years	C2
SECTOR 2d	MacDonald Inchyra Hotel																
Sector Overview	East perimeter of Hotel compound (0831-0838) and residential property (0839-0846)	Mixed broadleaves	Early mature/Mature	<17	<500						Fair	Fair	Trees on edge of hotel compound in generally poor condition. All Ash sps infected with Chalara Ash Dieback Trees on edge of residential property more substantial and in satisfactory condition			Variable	Variable
0831		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	300		N:3 E:4 S:5 W:5	3(S)	2	Radius: 3.6m. Area: 41 sq m.	Poor	Fair	Crown development suppressed from N Chalara Ash Dieback			<10 years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0832		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13		310, 220,	N:4 E:4 S:5 W:6	2(W)	2	Radius: 4.6m. Area: 66 sq m.	Poor	Fair	Bi-stemmed from ground level Chalara Ash Dieback Elm coppice growing out of rootplate			<10 years	C2
0833		Wych Elm, <i>Ulmus glabra</i>	Early Mature	15		260, 220, 200, 180,	N:6 E:5 S:4 W:7	1(S)	0	Radius: 5.2m. Area: 85 sq m.	Fair to Good	Fair to Poor	Multistemmed coppice regeneration			<10 years	C2
0834		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	240		N:3 E:2 S:1 W:3	4.5(N)	4.5	Radius: 2.9m. Area: 26 sq m.	Poor	Fair to Poor	Chalara Ash Dieback Extensive dieback in lower crown			<10 years	C2
0835		Wych Elm, <i>Ulmus glabra</i>	Early Mature	15		280, 270,	N:6 E:5 S:4 W:6	2.5(N)	0.5	Radius: 4.7m. Area: 69 sq m.	Fair	Fair to Poor	Multistemmed coppice regeneration			<10 years	C2
0836		Wych Elm, <i>Ulmus glabra</i>	Early Mature	13	220		N:6 E:4 S:0 W:0	3(N)	2.5	Radius: 2.6m. Area: 21 sq m.	Fair to Good	Fair to Poor	Dense Ivy infesting stem and crown Suppressed/subdominant specimen			<10 years	C2
0837		Wych Elm, <i>Ulmus glabra</i>	Early Mature	14	280		N:7 E:5 S:4 W:6	3.5(S)	3	Radius: 3.4m. Area: 36 sq m.	Fair	Fair	Contorted lower stem Dense Ivy infesting stem and crown			<10 years	C2
0838		Wych Elm, <i>Ulmus glabra</i>	Early Mature	12	290		N:7 E:5 S:3 W:7	2(N)	2	Radius: 3.5m. Area: 38 sq m.	Fair	Fair to Poor	2 co-dominant stems from 2m via tension union Dense Ivy infesting stem and crown Crown development substantially suppressed from S Stem inclined to NW			<10 years	C2
0839		Goat Willow, <i>Salix caprea</i>	Mature	16	430		N:7 E:5 S:2 W:5	2(NE)	0.5	Radius: 5.2m. Area: 85 sq m.	Fair	Fair	Crown development suppressed from S 3 co-dominant stems from 1.8m via compression union Stem inclined to E			10+ Years	C2
0840		Sycamore, <i>Acer pseudoplatanus</i>	Mature	16		400, 380,	N:7 E:7 S:5 W:8	2(N)	1	Radius: 6.6m. Area: 137 sq m.	Good	Fair to Good	2 co-dominant stems from 1m via compression union Minor deadwoods Light Ivy infesting stem and crown			20+ Years	B2
0841		Sycamore, <i>Acer pseudoplatanus</i>	Mature	18	370		N:6 E:7 S:3 W:5	3(NE)	2	Radius: 4.4m. Area: 61 sq m.	Fair to Good	Fair	2 co-dominant stems from 3m via tension union Extensive deadwoods in lower crown Crown development suppressed from S			20+ Years	B2
0842		Sycamore, <i>Acer pseudoplatanus</i>	Mature	17		360, 300,	N:6 E:6 S:4 W:6	3(E)	1	Radius: 5.6m. Area: 99 sq m.	Fair to Good	Fair	2 co-dominant stems from 1.2m via tension union Previously pollarded at 4m Minor deadwoods			20+ Years	B2
0843		Lawsons Cypress, <i>Chamaecyparis lawsoniana</i>	Mature	15	380		N:2 E:2 S:2 W:2	2(E)	1	Radius: 4.6m. Area: 66 sq m.	Good	Fair	Linear trunk wound 0-2m N with good adaptive growth			20+ Years	C2
0844		Sycamore, <i>Acer pseudoplatanus</i>	Mature	17	420		N:8 E:7 S:4 W:4	2.5(N)	2	Radius: 5.0m. Area: 79 sq m.	Good	Fair to Good	Crown development suppressed from W 2 co-dominant stems from 2.2m via tension union Dense Ivy infesting stem and crown			20+ Years	B2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0845		Sycamore, <i>Acer pseudoplatanus</i>	Mature	15		330, 300,	N:4 E:7 S:3 W:3	3(E)	1.5	Radius: 5.4m. Area: 92 sq m.	Fair to Good	Fair to Good	Crown development substantially suppressed from NW 2 co-dominant stems from 0.4m via compression union Multiple points of coarse lopping to upper crown			10+ Years	C2
0846		Sycamore, <i>Acer pseudoplatanus</i>	Mature	15		370, 330,	N:8 E:7 S:4 W:4	2(NE)	1.5	Radius: 6.0m. Area: 113 sq m.	Good	Fair	Crown development substantially suppressed from W 2 co-dominant stems from 0.9m via compression union Minor deadwoods			20+ Years	B2
SECTOR 3a	Wholeflats Rd S Poplar section																
Sector Overview	West section - outer- of Wholeflats Rd screening line	Hybrid Black Poplar, <i>Populus x canadensis</i> Occasional other broadleaf specimens	Semi Mature/ Mature	<24	<850						Good	Fair to Good	Substantial mature Poplars in formal line with dense undercanopy of self-generated younger trees Overall condition satisfactory but Poplars may be unsuited to the location All Ash sps in undercanopy with symptoms of Chalara Ash Dieback			Variable	Variable
0847		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	22	750		N:9 E:11 S:9 W:6	3.5(S)	3	Radius: 9.0m. Area: 254 sq m.	Good	Fair to Good	Good upright form Basal epicormic growths Minor deadwoods			40+ Years	A2
0848		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	23	790		N:10 E:9 S:7 W:7	4(W)	4	Radius: 9.5m. Area: 284 sq m.	Good	Fair to Good	2 co-dominant stems from 6m via tension union Good upright form Basal epicormic growths Minor deadwoods			40+ Years	A2
0849		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	23	800		N:7 E:9 S:7 W:7	3(W)	2	Radius: 9.6m. Area: 290 sq m.	Good	Fair to Good	3 co-dominant stems from 14m via tension union Good upright form Minor deadwoods			40+ Years	A2
0850		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	24	820		N:7 E:8 S:7 W:8	3(S)	2	Radius: 9.8m. Area: 302 sq m.	Good	Fair to Good	2 co-dominant stems from 14m via tension union Good upright form Minor deadwoods Light Ivy infesting stem and crown			40+ Years	A2
0851		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	24	770		N:7 E:8 S:7 W:8	0.5(W)	1.5	Radius: 9.2m. Area: 266 sq m.	Good	Fair to Good	2 co-dominant stems from 13m via tension union Good upright form Minor deadwoods			40+ Years	A2
0852		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	23	800		N:7 E:9 S:10 W:9	2(N)	0.5	Radius: 9.6m. Area: 290 sq m.	Good	Fair to Good	3 co-dominant stems from 7-8m via tension union Good upright form Minor deadwoods			40+ Years	A2
0853		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	22	840		N:8 E:9 S:10 W:8	0.5(E)	0.5	Radius: 10.1m. Area: 320 sq m.	Good	Fair to Good	2 co-dominant stems from 13m via tension union Good upright form Minor deadwoods			40+ Years	A2
0854		Hybrid Black Poplar, <i>Populus x canadensis</i>	Early Mature	23	350		N:6 E:6 S:7 W:3	2.5(W)	1.5	Radius: 4.2m. Area: 55 sq m.	Good	Fair	Crown development suppressed from SW Part of congested cluster of similar smaller specimens arising from sucker regeneration			10+ Years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0855		Wild Cherry, <i>Prunus avium</i>	Early Mature	10	290		N:2 E:4 S:6 W:6	1(S)	1	Radius: 3.5m. Area: 38 sq m.	Good	Fair	Crown development substantially suppressed from E Linear bark wound and fracture point 2-4m W			10+ Years	C2
Group 3a.1	Between specimen Poplars and Grange Burn embankment	Hybrid Black Poplar, <i>Populus x canadensis</i> Wild Cherry, <i>Prunus avium</i> European Ash, <i>Fraxinus excelsior</i> Hawthorn, <i>Crataegus monogyna</i>	Semi Mature	<20	<350						Good	Fair	Dense cluster of self-seeded and sucker-regenerated specimens on periphery of line of Poplars No 0847-0854 Cherry no. 0855 individually tagged as representing largest of other species All Ash sps in undercanopy with symptoms of Chalara Ash Dieback			20+ Years	C2
SECTOR 3b	Wholeflats Rd S Cherry section																
Sector Overview	Inner west section of Wholeflats Rd screening line	Wild Cherry, <i>Prunus avium</i> Occasional other broadleaf specimens	Early mature/Mature	<12	<500						Variable	Variable	Substantial mature Cherries in formal avenue profile with dense undercanopy from natural regeneration One Whitebeam within formal line is structurally poor All Ash sps in undercanopy with symptoms of Chalara Ash Dieback			Variable	Variable
0856		Wild Cherry, <i>Prunus avium</i>	Mature	10		260, 240,	N:4 E:7 S:6 W:7	1(N)	0.5	Radius: 4.2m. Area: 55 sq m.	Good	Fair	Crown development suppressed from NW 2 co-dominant stems from 1m via compression union Light Ivy infesting stem and crown			20+ Years	C2
0857		Wild Cherry, <i>Prunus avium</i>	Mature	10	430		N:5 E:7 S:7 W:7	2.5(SW)	2.5	Radius: 5.2m. Area: 85 sq m.	Good	Fair to Good	Minor deadwoods			20+ Years	B2
0858		Wild Cherry, <i>Prunus avium</i>	Mature	12	370		N:8 E:8 S:8 W:8	3(SE)	0.5	Radius: 4.4m. Area: 61 sq m.	Good	Good	Minor deadwoods			20+ Years	B2
0859		Wild Cherry, <i>Prunus avium</i>	Mature	12		480, 290,	N:6 E:8 S:10 W:6	0.5(NW)	0.5	Radius: 6.7m. Area: 141 sq m.	Good	Fair to Poor	2 co-dominant stems from 1.3m via compression union with partial union failure at bifurcation			<10 years	C2
0860		Wild Cherry, <i>Prunus avium</i>	Mature	10	450		N:6 E:8 S:9 W:8	1.5(N)	0.5	Radius: 5.4m. Area: 92 sq m.	Good	Fair	2 co-dominant stems from 1.6m via compression union Crown development slightly suppressed from NW Minor deadwoods			20+ Years	B2
0861		Whitebeam, <i>Sorbus aria</i>	Mature	8	470		N:7 E:9 S:9 W:0	1.5(E)	0	none - due to Retention Category of U.	Fair	Poor	Windthrown and partially resettled with stem acutely inclined to E, supported by adjacent under canopy trees			0 Years	U
0862		Wild Cherry, <i>Prunus avium</i>	Mature	12		360, 230,	N:6 E:9 S:6 W:5	3(S)	0.5	Radius: 5.1m. Area: 82 sq m.	Good	Fair	Crown development slightly suppressed from SW 2 co-dominant stems from 0.8m via compression union Light Ivy infesting stem and crown Minor deadwoods			20+ Years	B2
0863		Wild Cherry, <i>Prunus avium</i>	Mature	9	390		N:6 E:6 S:5 W:4	2(E)	0.5	Radius: 4.7m. Area: 69 sq m.	Fair to Poor	Fair to Poor	Crown development suppressed from W Stem inclined to SE Extensive deadwoods			10+ Years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Group 3b.1	Below and surrounding specimen Cherries and on Grange Burn embankment	Wild Cherry, <i>Prunus avium</i> European Ash, <i>Fraxinus excelsior</i> Hawthorn, <i>Crataegus monogyna</i> Whitebeam, <i>Sorbus aria</i>	Early Mature	<12	<250						Good	Fair	Congested group including several large mature Cherries and one mature Whitebeam Nos 0856-0863 among dense self generated cherries and occasional other small broadleaves Frequent ivy infestation Good habitat value All Ash sps in undercanopy with symptoms of Chalara Ash Dieback			20+ Years	B2
SECTOR 3c	Wholeflats Rd S Gap																
Sector Overview	Central section (west) of Wholeflats Rd screening line	Mixed broadleaves	Early mature/Mature	<17	<500						Variable	Variable	Section of screening line largely devoid of trees. Presence of one mature Wych Elm suggests that area may have been planted in Elm, subsequently lost to Dutch Elm Disease			Variable	Variable
0864		Wych Elm, <i>Ulmus glabra</i>	Mature	14	490		N:7 E:9 S:8 W:7	3.5(W)	0.5	Radius: 5.9m. Area: 109 sq m.	Good	Fair to Good	2 co-dominant stems from 3.5m via tension union Minor deadwoods Good specimen with limited life expectancy due to susceptibility to Dutch Elm Disease			<10 years	C2
0865		Wild Cherry, <i>Prunus avium</i>	Early Mature	17		280, 260, 190,	N:5 E:4 S:7 W:6	1(SW)	1	Radius: 5.1m. Area: 82 sq m.	Good	Fair	3 co-dominant stems from 0m via compression union			20+ Years	B2
Group 3c.1	Sparsely populated section of embankment planting	Hawthorn, <i>Crataegus monogyna</i> Whitebeam, <i>Sorbus aria</i> Wych Elm, <i>Ulmus glabra</i> Wild Cherry, <i>Prunus avium</i>	Mature	<10	<250						Fair to Good	Fair to Poor	Section of embankment line featuring sporadic hawthorn, whitebeam and cherry some of which are standing dead. Also includes trees No 0864 and 0865 in small copse in centre of sector ERC Grading excludes dead specimens			20+ Years	C2
SECTOR 3d	Wholeflats Rd S Horsechestnut Section																
Sector Overview	Inner east section of Wholeflats Rd screening line	Horsechestnut, <i>Aesculus hippocastanum</i> Occasional other broadleaf specimens	Early mature/Mature	<16	<600						Variable	Variable	Substantial mature Horsechestnuts in formal avenue profile with dense undercanopy from natural regeneration Condition variable, including several well-formed Category A trees, but Bleeding Canker of Horsechestnut present in some other specimens All Ash sps in undercanopy with symptoms of Chalara Ash Dieback			Variable	Variable
0866		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	10	520		N:7 E:7 S:6 W:7	1.5(NW)	0.5	Radius: 6.2m. Area: 121 sq m.	Good	Fair to Good	2 co-dominant stems from 2m via compression union Well formed crown structure			40+ Years	A2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0867		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	12	460		N:8 E:6 S:7 W:8	3(N)	0.5	Radius: 5.5m. Area: 95 sq m.	Good	Fair to Good	3 co-dominant stems from 3.5m via tension union			40+ Years	A2
0868		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	15	550		N:7 E:7 S:7 W:8	1(SE)	0.5	Radius: 6.6m. Area: 137 sq m.	Good	Fair to Good	3 co-dominant stems from 2.2m via compression union			40+ Years	A2
0869		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	11	520		N:9 E:8 S:7 W:9	1.5(N)	0.5	Radius: 6.2m. Area: 121 sq m.	Good	Fair to Good	2 co-dominant stems from 1.8m via compression union			40+ Years	A2
0870		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	13	440		N:8 E:8 S:8 W:9	2(SW)	0.5	Radius: 5.3m. Area: 88 sq m.	Good	Good	Well-structured crown			40+ Years	A2
0871		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	10	350		N:5 E:5 S:4 W:4	2(E)	2	Radius: 4.2m. Area: 55 sq m.	Fair	Fair	2 co-dominant stems from 3.5m via compression union Poorly performing specimen with multiple bark lesions (not presenting as consistent with Bleeding Canker of Horse Chestnut)			<10 years	C2
0872		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	9		370, 240, 230,	N:8 E:7 S:9 W:7	2(SE)	0	Radius: 6.0m. Area: 113 sq m.	Poor	Poor	3 co-dominant stems from 0.2m via compression union Multiple areas of bark necrosis with some reaction wood, possibly indicative of historic Bleeding Canker of Horse Chestnut Central co-leader fractured at 4m with decaying stump			<10 years	C2
0873		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	13	460		N:8 E:8 S:7 W:7	1.5(S)	0.5	Radius: 5.5m. Area: 95 sq m.	Fair	Fair	2 co-dominant stems from 2.8m via compression union Minor deadwoods			20+ Years	B2
0874		European Ash, <i>Fraxinus excelsior</i>	Early Mature	14	420		N:7 E:7 S:5 W:6	1.5(E)	1	Radius: 5.0m. Area: 79 sq m.	Poor	Fair to Good	Chalara Ash Dieback			<10 years	C2
0875		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	370		N:5 E:6 S:5 W:6	2(NW)	1	Radius: 4.4m. Area: 61 sq m.	Poor	Fair to Good	Chalara Ash Dieback			<10 years	C2
0876		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	13	710		N:8 E:7 S:6 W:9	0(W)	0	Radius: 8.5m. Area: 227 sq m.	Good	Fair	2 co-dominant stems from 2.2m via compression union Substantial limb arising at ground level SW part fractured and laying prostrate			20+ Years	B2
0877		Silver Birch, <i>Betula pendula</i>	Mature	16	360		N:6 E:5 S:5 W:5	1.5(NW)	1	Radius: 4.3m. Area: 58 sq m.	Good	Fair to Good	Stem slightly inclined to N Large "Witches Broom" clusters throughout crown			20+ Years	B2
0878		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	12		390, 260,	N:8 E:8 S:7 W:7	2(NW)	0	Radius: 5.6m. Area: 99 sq m.	Poor	Poor	2 co-dominant stems from 0m via compression union Multiple bark lesions and areas of bark necrosis, consistent with Bleeding Canker of Horse Chestnut			<10 years	C2
0879		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	16	450		N:7 E:7 S:8 W:9	2.5(E)	0.5	Radius: 5.4m. Area: 92 sq m.	Good	Fair to Good	Well formed crown structure Slight areas of bark necrosis consistent with Bleeding Canker of Horse Chestnut			40+ Years	A2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0880		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	14	490		N:8 E:9 S:9 W:9	3(E)	0	Radius: 5.9m. Area: 109 sq m.	Poor	Fair	Well formed specimen 2 co-dominant stems from 3.2m via tension union Slight areas of bark necrosis consistent with Bleeding Canker of Horse Chestnut			<10 years	C2
0881		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	15	440		N:7 E:7 S:7 W:7	1.5(N)	0.5	Radius: 5.3m. Area: 88 sq m.	Good	Fair to Good	2 co-dominant stems from 2.5m via compression union			40+ Years	A2
0882		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	9	430		N:7 E:7 S:5 W:7	1.5(NW)	0	Radius: 5.2m. Area: 85 sq m.	Good	Poor	3 co-dominant stems from 2.2m via compression union Central co-leader fractured at 4.5m with descending decay column into lower bole			<10 years	C2
Group 3d.1		Sycamore, <i>Acer pseudoplatanus</i> Hawthorn, <i>Crataegus monogyna</i> European Ash, <i>Fraxinus excelsior</i>	Early Mature	<12	<350						Fair	Fair	Undercanopy of Hawthorn with self seeded young/stretched broadleaves on edge of embankment. These are almost exclusively of Ash, all of which have Chalara Ash Dieback			10+ Years	C2
SECTOR 3e	Wholeflats Rd S Mixed Species Section																
Sector Overview	East section of Wholeflats Rd screening line	Mixed broadleaves	Mature/Early Mature	<16	<500						Good	Fair	Extensive mixed-species linear copse predominantly featuring mature Hawthorn and Goat Willow with younger self seeded other broadleaves Nos 0883-0895 represent the largest trees or isolated individual specimens All Ash sps with symptoms of Chalara Ash Dieback Includes congested linear groups of young Sycamores on embankment ridge -mostly from coppice regeneration and all with stretched crown development			Variable	Variable
0883		Silver Birch, <i>Betula pendula</i>	Mature	12	450		N:7 E:7 S:8 W:7	1.5(N)	0.5	Radius: 5.4m. Area: 92 sq m.	Good	Fair	2 co-dominant stems from 2m via tension union Stem inclined to NE No evidence of anchorage instability			20+ Years	B2
0884		English Oak, <i>Quercus robur</i>	Early Mature	14	370		N:6 E:6 S:5 W:5	1.5(S)	0.5	Radius: 4.4m. Area: 61 sq m.	Good	Fair to Good	2 co-dominant stems from 2.5m via compression union Minor deadwoods			40+ Years	A2
0885		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	12		260, 150, 100,	[[[]p[[2(N)	1	Radius: 3.8m. Area: 45 sq m.	Good	Fair	3 co-dominant stems from 1.1m via compression union			20+ Years	C2
0886		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	12		270, 200,	N:4 E:5 S:5 W:4	1.5(S)	1	Radius: 4.0m. Area: 50 sq m.	Good	Fair	2 co-dominant stems from 1.2m via compression union			20+ Years	C2
0887		European Ash, <i>Fraxinus excelsior</i>	Early Mature	12	380		N:4 E:4 S:6 W:6	3(S)	1	Radius: 4.6m. Area: 66 sq m.	Poor	Fair	Chalara Ash Dieback			<10 years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0888		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	13		280, 270,	N:5 E:5 S:5 W:2	2.5(NW)	0.5	Radius: 4.7m. Area: 69 sq m.	Good	Fair	2 co-dominant stems from 0m via compression union Crown development substantially suppressed from W			20+ Years	C2
0889		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	15		380, 310,	N:7 E:7 S:7 W:6	1(NW)	0	Radius: 5.9m. Area: 109 sq m.	Good	Fair	2 co-dominant stems from 1.2m via compression union Sited at base of footbridge with metal parapet embedded at 1m			10+ Years	C2
0890		European Ash, <i>Fraxinus excelsior</i>	Mature	14	520		N:6 E:7 S:7 W:6	1.5(S)	1	Radius: 6.2m. Area: 121 sq m.	Poor	Fair to Good	Well formed specimen Chalara Ash Dieback			<10 years	C2
0891		Goat Willow, <i>Salix caprea</i>	Mature	8		240, 220, 220, 210, 210, 200, 190,	N:6 E:6 S:6 W:6	1(NE)	0.5	Radius: 6.8m. Area: 145 sq m.	Fair to Good	Fair	Multiple co-dominant stems from 0m via compression union			10+ Years	C2
0892		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	14	390		N:6 E:7 S:7 W:5	0.5(S)	1.5	Radius: 4.7m. Area: 69 sq m.	Good	Fair to Good	2 co-dominant stems from 1m via compression union Reasonably well formed young specimen			20+ Years	B2
0893		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	11		270, 250, 250,	N:5 E:5 S:5 W:5	0.5(N)	1	Radius: 5.3m. Area: 88 sq m.	Good	Fair	Multistemmed coppice regeneration			10+ Years	C2
0894		Wych Elm, <i>Ulmus glabra</i>	Mature	10		410, 290,	N:5 E:6 S:6 W:6	1(NW)	1	Radius: 6.0m. Area: 113 sq m.	Good	Fair to Good	2 co-dominant stems from 1.5m via compression union Multiple points of coarse lopping to branch extensions in lower crown			10+ Years	C2
0895		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	8		190, 180, 160,	N:4 E:5 S:5 W:4	0(NW)	0	Radius: 3.7m. Area: 43 sq m.	Good	Fair to Poor	Multistemmed coppice regeneration			<10 years	C2
3e.1		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	<16	<250						Good	Fair	Congested linear group of young Sycamores on embankment ridge All stretched crown development Mostly from coppice regeneration			10+ Years	C
3e.2		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	<15	<250						Good	Fair	Linear group of Sycamores on embankment ridge All stretched crown development; many from coppice regeneration			10+ Years	C
SECTOR 4a	Wholeflats Rd N INEOS land W of River Avon																
Sector Overview	Small section of roadside edge north of Wholeflats Road	Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	<9	<400								Isolated small self-seeded broadleaf specimens on roadside			20+ Years	C2
0896		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	7		210, 190, 170,					Good	Fair	3 co-dominant stems from 1.0m via compression union			20+ Years	C2
0897		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	9		330, 220, 200,					Good	Fair	3 co-dominant stems from 0.8m via compression union			20+ Years	C2
0898		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	8	270						Good	Fair	3 co-dominant stems from 2.5m via compression union			20+ Years	C2
SECTOR 4b	Wholeflats Rd N INEOS land E of River Avon																

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Sector Overview	Elongated section of roadside edge north of Wholeflats Road	Mixed broadleaves; occasional conifer	Early Mature	Variable	Variable								Young planted broadleaves on roadside edge of native plantation Largest example individually recorded (0899)			Variable	Variable
899		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	9		340, 240,					Good	Fair	2 co-dominant stems from 0m via compression union 3 co-dominant stems on S co-leader 0.8m via tension union	☐		20+ Years	C2
Group 4b.1		Sycamore, <i>Acer pseudoplatanus</i> Scots Pine, <i>Pinus sylvestris</i> Silver Birch, <i>Betula pendula</i> Common Elder, <i>Sambucus nigra</i>	Early Mature	<17	<450						Good	Fair to Good	Mixed species native Scottish plantation with occasional young Sycamore General condition good with some local congestion No current management issues			40+ Years	B2
Group 4b.2		Rowan, <i>Sorbus aucuparia</i> Hawthorn, <i>Crataegus monogyna</i> European Ash, <i>Fraxinus excelsior</i>	Early Mature	<11	<280						Fair	Fair to Good	Young planted broadleaves on roadside margin Some redundant tree stake embedded at root collars All Ash with Chalara Ash Dieback Rowan and Hawthorn are viable young specimens			20+ Years	C2
SECTOR 5	Smiddy Brae Bridge																
Sector Overview	River and roadside embankments at Smiddy Brae bridge	Mixed broadleaves	Variable	<12	<450						Variable	Fair	Individual broadleaf specimens on river bank and adjacent to road bridge Generally modest specimens in early maturity All Ash with Chalara Ash Dieback			Variable	Variable
0900		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	9	440		N:5 E:5 S:6 W:3	1.5(E)	1.5	Radius: 5.3m. Area: 88 sq m.	Good	Fair	2 co-dominant stems from 1.5m via compression union Multiple wounds up to 1.5m from historic pruning to raise clear canopy height Multiple points of coarse lopping to branch extensions in lower crown			20+ Years	C2
0901		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	9	350		N:6 E:5 S:5 W:5	1(S)	1	Radius: 4.2m. Area: 55 sq m.	Good	Fair	Multiple points of coarse lopping to branch extensions in lower crown			20+ Years	C2
0902		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	9		270, 190,	N:5 E:4 S:4 W:4	1(S)	1	Radius: 4.0m. Area: 50 sq m.	Good	Fair	2 co-dominant stems from 0.5m via compression union Multiple points of coarse lopping to branch extensions in lower crown			10+ Years	C2
0903		European Ash, <i>Fraxinus excelsior</i>	Early Mature	9	370		N:5 E:4 S:4 W:3	0.5(W)	1	Radius: 4.4m. Area: 61 sq m.	Poor	Fair	Growing through metal chain link fence Chalara Ash Dieback			<10 years	C2
0904		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	12	390		N:6 E:5 S:3 W:5	1(N)	0.5	Radius: 4.7m. Area: 69 sq m.	Good	Fair	3 co-dominant stems from 2m via tension union Crown development suppressed from S Part of a close-coupled pairing with tree no 0905			20+ Years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0905		Wych Elm, <i>Ulmus glabra</i>	Early Mature	12	360		N:0 E:7 S:7 W:6	1(NW)	0.5	Radius: 4.3m. Area: 58 sq m.	Good	Fair	Crown development substantially suppressed from N Part of a close-coupled pairing with tree no 0906 Multiple points of coarse lopping to branch extensions in lower crown			10+ Years	C2
0906		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	12		290, 240,	N:5 E:4 S:4 W:5	1(NW)	0.5	Radius: 4.5m. Area: 64 sq m.	Good	Fair	2 co-dominant stems from 0m via compression union Suppressed specimen with stretched crown development			10+ Years	C2
0907		Goat Willow, <i>Salix caprea</i>	Mature	8		250, 200,	N:3 E:3 S:6 W:5	1.5(NW)	1	Radius: 3.8m. Area: 45 sq m.	Fair	Fair	2 co-dominant stems from 1.3m via compression union Rootplate slightly undercut by river to S			<10 years	C2
0908		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10	230		N:4 E:3 S:5 W:5	1(S)	1	Radius: 2.8m. Area: 25 sq m.	Good	Fair to Good	Viable young specimen Crown development slightly suppressed from SE			20+ Years	B2
0909		European Ash, <i>Fraxinus excelsior</i>	Mature	11	400		N:4 E:5 S:5 W:4	1.5(E)	0	Radius: 4.8m. Area: 72 sq m.	Poor	Fair	Crown development suppressed from N Rootplate undercut by river to S Chalara Ash Dieback			<10 years	C2
0910		European Ash, <i>Fraxinus excelsior</i>	Mature	10	420		N:6 E:4 S:5 W:7	2(SE)	2	Radius: 5.0m. Area: 79 sq m.	Poor	Fair	2 co-dominant stems from 1.6m via compression union Chain-link fence embedded to E Chalara Ash Dieback			<10 years	C2
SECTOR 6	Grandsable Cemetery																
Sector Overview	Within east perimeter of Cemetery	Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King' Irish Yew, <i>Taxus baccata</i> 'Fastigiata' Common Privet, <i>Ligustrum vulgare</i>	Mature	<4	<200						Fair to Good	Fair to Good	Formal garden planting of clipped ornamentals Most in satisfactory condition Some instances of lower crown dieback and reversion growths			40+ Years	B2
0911		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	3	200		N:1 E:1 S:1 W:1	0(N)	0	Radius: 2.4m. Area: 18 sq m.	Good	Good	Healthy specimen pruned to formal profile			40+ Years	B2
0912		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	3	200		N:1 E:1 S:1 W:1	0(N)	0	Radius: 2.4m. Area: 18 sq m.	Good	Good	Healthy specimen pruned to formal profile			40+ Years	B2
0913		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	3	200		N:1 E:1 S:1 W:1	0(N)	0	Radius: 2.4m. Area: 18 sq m.	Good	Good	Healthy specimen pruned to formal profile			40+ Years	B2
0914		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	3	200		N:1 E:1 S:1 W:1	0(N)	0	Radius: 2.4m. Area: 18 sq m.	Good	Good	Healthy specimen pruned to formal profile			40+ Years	B2
0915		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	3	200		N:1 E:1 S:1 W:1	0(N)	0	Radius: 2.4m. Area: 18 sq m.	Good	Good	Healthy specimen pruned to formal profile Substantial area of reversion growth in upper crown			40+ Years	B2
0916		Irish Yew, <i>Taxus baccata</i> 'Fastigiata'	Mature	4	200		N:1 E:1 S:1 W:1	0(N)	0	Radius: 2.4m. Area: 18 sq m.	Good	Good	Healthy specimen trimmed to formal profile			40+ Years	A2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0917		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	2.5	200		N:1 E:1 S:1 W:1	0(N)	0	Radius: 2.4m. Area: 18 sq m.	Good	Good	Healthy specimen pruned to formal profile			40+ Years	B2
0918		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	2	200		N:1 E:1 S:1 W:1	0(N)	0	Radius: 2.4m. Area: 18 sq m.	Fair to Good	Fair to Good	Healthy specimen pruned to formal profile Slight area of dieback in lower crown			20+ Years	B2
0919		Common Privet, <i>Ligustrum vulgare</i>	Mature	2.5	100		N:1 E:1 S:1 W:1	0(N)	0	Radius: 1.2m. Area: 5 sq m.	Fair	Fair	Variegated specimen with substantial reversion growth Pruned to formal profile			10+ Years	C2
0920		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	2	200		N:1 E:1 S:1 W:1	0(N)	0	Radius: 2.4m. Area: 18 sq m.	Fair to Good	Fair to Good	Healthy specimen pruned to formal profile Slight area of dieback in lower crown			20+ Years	B2
0921		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	2.5	200		N:1 E:1 S:1 W:1	0(N)	0	Radius: 2.4m. Area: 18 sq m.	Fair to Good	Fair to Good	Healthy specimen pruned to formal profile Slight area of dieback in lower crown			20+ Years	B2
0922		Irish Yew, <i>Taxus baccata</i> 'Fastigiata'	Mature	4	200		N:1 E:1 S:1 W:1	0(N)	0	Radius: 2.4m. Area: 18 sq m.	Fair to Good	Fair to Good	Healthy specimen trimmed to formal profile Area of defoliation in S sector 0-2m			20+ Years	B2
0923		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	2.5	150		N:1 E:1 S:1 W:1	0.5(W)	0.5	Radius: 1.8m. Area: 10 sq m.	Fair	Fair	Area of sparse foliation in lower crown N Specimen pruned to formal profile			10+ Years	C2
0924		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	2	150		N:0.5 E:0.5 S:0.5 W:0.5	0.5(W)	0.5	Radius: 1.8m. Area: 10 sq m.	Fair	Fair	Area of sparse foliation in lower crown N Specimen pruned to formal profile			10+ Years	C2
0925		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	2.5	150		N:1 E:1 S:1 W:1	0.5(W)	0.5	Radius: 1.8m. Area: 10 sq m.	Fair	Fair	Area of sparse foliation in lower crown N Specimen pruned to formal profile			10+ Years	C2
0926		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	2	150		N:1 E:1 S:1 W:1	0.5(W)	0.5	Radius: 1.8m. Area: 10 sq m.	Fair	Fair	Area of sparse foliation in lower crown N Specimen pruned to formal profile			10+ Years	C2
0927		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	2.5	130		N:1 E:1 S:1 W:1	0.5(W)	0.5	Radius: 1.6m. Area: 8 sq m.	Fair	Fair	Area of sparse foliation in lower crown N Specimen pruned to formal profile Substantial area of reversion growth in upper crown			10+ Years	C2
SECTOR 7a	Bo'ness Road Bridge SW																
Sector Overview	Corner of Versalis property at Bo'ness Rd bridge	Mixed broadleaves	Mature	<9	<400						Fair to Good	Fair	Dense copse of self seeded broadleaves and undercanopy scrub in area partly waterlogged One large Willow specimen individually recorded			10+ Years	C2
0535		Goat Willow, <i>Salix caprea</i>	Mature	9		350, 280, 220, 200,					Fair to Good	Poor	Windthrown and resettled in boggy ground			<10 years	C2
Group 7a.1	Entire sector	Silver Birch, <i>Betula pendula</i> Common Elder, <i>Sambucus nigra</i> Hawthorn, <i>Crataegus monogyna</i> Goat Willow, <i>Salix caprea</i>	Mature	<9	<400						Fair to Good	Fair	Dense copse of minor broadleaves and undercanopy scrub in area partly waterlogged			10+ Years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
SECTOR 7b	Bo'ness Road Bridge NW																
Sector Overview	Corner of INEOS property at Bo'ness Rd bridge	Mixed broadleaves	Early Mature	<11	<350						Fair to Good	Fair	Congested small self seeded grouping with dense undercanopy including occasional planted and individually recorded young Rowan and Alder specimens with some development potential			20+ Years	C2
0536		Rowan, <i>Sorbus aucuparia</i>	Early Mature	7	270		N:3 E:3 S:2 W:3	2(S)	2	Radius: 3.2m. Area: 32 sq m.	Good	Fair to Good	3 co-dominant stems from 2.2m via compression union Crown development slightly suppressed from S			20+ Years	B2
0537		Grey Alder, <i>Alnus incana</i>	Early Mature	10	330		N:4 E:5 S:3 W:4	2(NE)	2	Radius: 4.0m. Area: 50 sq m.	Good	Fair	Crown development slightly suppressed from SW 2 co-dominant stems from 2.2m via tension union			20+ Years	B2
0538		Grey Alder, <i>Alnus incana</i>	Early Mature	10		370, 300, 230, 200,	N:3 E:5 S:3 W:4	1(NE)	1	Radius: 6.8m. Area: 145 sq m.	Good	Fair	Cluster of stems from coppice regeneration			20+ Years	C2
0539		Goat Willow, <i>Salix caprea</i>	Mature	9		350, 260,	N:1 E:7 S:0 W:0	0.5(N)	0	Radius: 5.2m. Area: 85 sq m.	Fair to Good	Poor	Windthrown and settled to E			<10 years	C2
Group 7b.1	Entire sector	Hawthorn, <i>Crataegus monogyna</i> Rowan, <i>Sorbus aucuparia</i> Goat Willow, <i>Salix caprea</i> Grey Alder, <i>Alnus incana</i> Common Elder, <i>Sambucus nigra</i>	Early Mature	<11	<200						Fair to Good	Fair	Congested small self seeded grouping with dense undercanopy			20+ Years	C2
SECTOR 7c	Bo'ness Road Bridge NE																
Sector Overview	Corner of INEOS property at Bo'ness Rd bridge	Mixed broadleaves	Early Mature	<9	<600						Good	Fair to Good	Sporadic young self-seeded broadleaves on undeveloped land One substantial mature Willow close to base of road bridge			20+ Years	C2
0540		Crack Willow, <i>Salix fragilis</i>	Mature	9		340, 290, 270, 250,	N:5 E:7 S:3 W:2	0(E)	0	Radius: 6.9m. Area: 150 sq m.	Good	Fair	Multiple co-dominant stems from 0m via compression union Topped at 2.2m with vigorous regeneration E co-leader part detached and lying prostrate			10+ Years	C2
Group 7c.1	Entire sector	Silver Birch, <i>Betula pendula</i> Goat Willow, <i>Salix caprea</i> Hawthorn, <i>Crataegus monogyna</i>	Early Mature	<8	<160						Good	Fair to Good	Sporadic young specimens			20+ Years	C2
SECTOR 7d	Bo'ness Road Bridge SE																

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Sector Overview	Corner of INEOS FPS property at Bo'ness Rd bridge	Mixed broadleaves	Early Mature	<11	<300						Variable	Fair	Sporadic young self-seeded broadleaves on undeveloped land Occasional slightly larger specimens individually recorded Ash sp with Chalara Ash Dieback			20+ Years	C2
0541		European Ash, <i>Fraxinus excelsior</i>	Early Mature	7	290		N:4 E:4 S:3 W:4	1(S)	1	Radius: 3.5m. Area: 38 sq m.	Poor	Fair to Poor	Multiple co-dominant stems from 1.5m via compression union with some decaying stumps Chalara Ash Dieback			<10 years	C2
0542		Wych Elm, <i>Ulmus glabra</i>	Early Mature	11		330, 240,	N:5 E:6 S:5 W:5	1(E)	0.5	Radius: 4.9m. Area: 75 sq m.	Fair to Good	Fair to Good	2 co-dominant stems from 1.0m via compression union Young tree with well balanced crown structure			<10 years	C2
Group 7d.1		Hawthorn, <i>Crataegus monogyna</i> Common Elder, <i>Sambucus nigra</i>	Early Mature	<8	<160						Good	Fair to Good	Sporadic young specimens			20+ Years	C2
SECTOR 8a	Park Road, Grangemouth																
Sector Overview	East embankment of Grange Burn at Park Road - also extending to north of Bo'ness Rd	Common Lime, <i>Tilia x europaea</i> Sycamore, <i>Acer pseudoplatanus</i> Occasional other broadleaves	Mostly Mature	<21	<800						Variable	Variable	Formal avenue line of substantial mature broadleaves dominated by Lime and Sycamore Limes generally in good overall condition Sycamores tending to present some depleted vigour North of Bo'ness Rd composition and condition is more variable including younger Ash sps - all with Chalara Ash Dieback			Variable	Variable
0928		Common Lime, <i>Tilia x europaea</i>	Mature	19	710		N:7 E:6 S:6 W:7	4(S)	2.5	Radius: 8.5m. Area: 227 sq m.	Good	Fair to Good	2 co-dominant stems from 3.5m via tension union Multiple wounds up to 4m from historic pruning to raise clear canopy height Horsechestnut Scale population in lower crown Light Basal epicormic growths			40+ Years	A2
0929		Sycamore, <i>Acer pseudoplatanus</i>	Mature	18	390		N:5 E:5 S:5 W:6	4(W)	3	Radius: 4.7m. Area: 69 sq m.	Fair	Fair	Slightly contorted stem Slightly depleted foliage with multiple minor deadwoods			10+ Years	C2
0930		Common Lime, <i>Tilia x europaea</i>	Mature	19	540		N:7 E:6 S:6 W:7	3(E)	2.5	Radius: 6.5m. Area: 133 sq m.	Good	Good	Well formed crown structure Light basal epicormic growths			40+ Years	A2
0931		Common Lime, <i>Tilia x europaea</i>	Mature	21	610		N:7 E:7 S:8 W:9	5(W)	3	Radius: 7.3m. Area: 167 sq m.	Good	Good	Well formed crown structure 2 co-dominant stems from 3m via tension union Minor deadwoods			40+ Years	A2
0932		Sycamore, <i>Acer pseudoplatanus</i>	Mature	20	570		N:7 E:7 S:6 W:8	4(S)	4	Radius: 6.8m. Area: 145 sq m.	Fair to Good	Fair to Good	2 co-dominant stems from 3.5m via tension union Multiple wounds up to 4m from historic pruning to raise clear canopy height Minor deadwoods			20+ Years	B2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0933		Common Lime, <i>Tilia x europaea</i>	Mature	21	570		N:6 E:6 S:5 W:9	4(N)	3	Radius: 6.8m. Area: 145 sq m.	Good	Fair to Good	Well formed crown structure Light basal epicormic growths Horsechestnut Scale population in lower crown			40+ Years	A2
0934		Common Lime, <i>Tilia x europaea</i>	Mature	21	590		N:7 E:6 S:6 W:9	4(W)	2.5	Radius: 7.1m. Area: 158 sq m.	Good	Fair to Good	Well formed crown structure with slightly contorted stem Light basal epicormic growths Horsechestnut Scale population in lower crown			40+ Years	A2
0935		Sycamore, <i>Acer pseudoplatanus</i>	Mature	18	560		N:5 E:7 S:5 W:9	2.5(NE)	3	Radius: 6.7m. Area: 141 sq m.	Fair	Fair	Slightly contorted stem Slightly depleted foliage with substantial deadwoods Root penetration lifting manhole covers to E Multiple wounds up to 4m from historic pruning to raise clear canopy height	Remove deadwoods over 50mm Re-inspection 12 months	3 months	10+ Years	C2
0936		Whitebeam, <i>Sorbus aria</i>	Mature	19	770		N:7 E:7 S:6 W:10	4.5(SE)	3	Radius: 9.2m. Area: 266 sq m.	Fair to Good	Fair to Good	Exceptionally large specimen for species, nearing overmaturity (hence ERC grading) Multiple co-dominant stems from 2.2m via compression union Multiple wounds up to 5m from historic pruning to raise clear canopy height			10+ Years	B2
0937		Common Lime, <i>Tilia x europaea</i>	Mature	21	590		N:7 E:6 S:5 W:7	3	2.5	Radius: 7.1m. Area: 158 sq m.	Good	Fair to Good	Well formed crown structure Light basal epicormic growths			40+ Years	A2
0938		Common Lime, <i>Tilia x europaea</i>	Mature	21	620		N:5 E:5 S:5 W:7	4(NE)	2.5	Radius: 7.4m. Area: 172 sq m.	Good	Good	Well formed crown structure Horsechestnut Scale population in lower crown Light basal epicormic growths			40+ Years	A2
0939		Sycamore, <i>Acer pseudoplatanus</i>	Mature	17	500		N:6 E:6 S:5 W:8	3(N)	3	Radius: 6.0m. Area: 113 sq m.	Fair	Fair	2 co-dominant stems from 3.5m via tension union Depleted foliage with substantial deadwoods	Remove deadwoods over 50mm Re-inspection 12 months	3 months	<10 years	C2
0940		Sycamore, <i>Acer pseudoplatanus</i>	Mature	14	420		N:5 E:6 S:5 W:7	4(S)	3.5	Radius: 5.0m. Area: 79 sq m.	Fair to Good	Fair to Good	Slightly depleted foliage with minor deadwoods			20+ Years	B2
0941		Common Lime, <i>Tilia x europaea</i>	Mature	20	620		N:6 E:7 S:7 W:10	5(N)	3.5	Radius: 7.4m. Area: 172 sq m.	Good	Fair to Good	2 co-dominant stems from 7m via tension union Well formed crown structure			40+ Years	A2
0942		Sycamore, <i>Acer pseudoplatanus</i>	Mature	14	620		N:6 E:7 S:4 W:7	3(NW)	3	Radius: 7.4m. Area: 172 sq m.	Fair to Poor	Poor	2 co-dominant stems from 3m via tension union Substantial basal cavity in S sector Extensive dieback through out with substantial deadwoods	Remove deadwoods over 50mm Re-inspection 12 months	3 months	<10 years	C2
0943		Common Lime, <i>Tilia x europaea</i>	Mature	17	610		N:6 E:5 S:6 W:7	4(NE)	2.5	Radius: 7.3m. Area: 167 sq m.	Good	Fair to Good	2 co-dominant stems from 2.8m via tension union Light basal epicormic growths			40+ Years	A2
0944		Sycamore, <i>Acer pseudoplatanus</i>	Mature	16	520		N:5 E:6 S:5 W:7	4(N)	3.5	Radius: 6.2m. Area: 121 sq m.	Fair	Fair	Multiple wounds up to 7m from historic pruning to raise clear canopy height with some decay cavities Minor deadwoods			20+ Years	B2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0945		Common Lime, <i>Tilia x europaea</i>	Mature	21	670		N:6 E:7 S:7 W:8	4(S)	3	Radius: 8.0m. Area: 201 sq m.	Good	Good	2 co-dominant stems from 4.2m via compression union Minor deadwoods			40+ Years	A2
0946		Common Lime, <i>Tilia x europaea</i>	Mature	18	520		N:5 E:6 S:5 W:7	4.5(NW)	3	Radius: 6.2m. Area: 121 sq m.	Good	Fair to Good	2 co-dominant stems from 4m via compression union Minor deadwoods Light basal epicormic growths			40+ Years	A2
0947		Sycamore, <i>Acer pseudoplatanus</i>	Mature	18	690		N:6 E:7 S:5 W:8	2.5(S)	3	Radius: 8.3m. Area: 216 sq m.	Fair	Fair	2 co-dominant stems from 5m via tension union Large deadwoods in lower crown.S	Remove deadwoods over 50mm Re-inspection 12 months	3 months	10+ Years	C2
0948		Common Lime, <i>Tilia x europaea</i>	Mature	19	620		N:6 E:6 S:6 W:7	4(NE)	2	Radius: 7.4m. Area: 172 sq m.	Good	Good	2 co-dominant stems from 4m via tension union Light basal epicormic growths			40+ Years	A2
0949		Sycamore, <i>Acer pseudoplatanus</i>	Mature	13	410		N:3 E:5 S:5 W:6	3(SW)	2	Radius: 4.9m. Area: 75 sq m.	Fair	Fair	Crown development suppressed from N 2 co-dominant stems from 3m via tension union Slightly depleted foliage with minor deadwoods			10+ Years	C2
0950		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	18	770		N:7 E:7 S:6 W:8	4(SW)	2	Radius: 9.2m. Area: 266 sq m.	Fair to Good	Fair	Multiple co-dominant stems from 3.2m via compression union Decay cavity from 2.5m N with descending decay column and associated bark necrosis on lower bole			10+ Years	C2
0951		Common Lime, <i>Tilia x europaea</i>	Mature	17	560		N:6 E:6 S:5 W:7	2.5(E)	1	Radius: 6.7m. Area: 141 sq m.	Good	Good	2 co-dominant stems from 8m via compression union Light basal epicormic growths			40+ Years	A2
0952		Common Lime, <i>Tilia x europaea</i>	Mature	17	550		N:5 E:6 S:5 W:6	3.5(S)	3	Radius: 6.6m. Area: 137 sq m.	Good	Fair	2 co-dominant stems from 4.5m via tension union Historically pollarded at 7m with vigorous regeneration Multiple wounds up to 5m from historic pruning to raise clear canopy height			20+ Years	B2
0953		Common Lime, <i>Tilia x europaea</i>	Mature	15	390		N:5 E:5 S:4 W:6	5(W)	4	Radius: 4.7m. Area: 69 sq m.	Good	Fair	Historically pollarded at 6m with vigorous regeneration Basal epicormic growths Multiple wounds up to 5m from historic pruning to raise clear canopy height			20+ Years	B2
0954		Common Lime, <i>Tilia x europaea</i>	Mature	16	410		N:5 E:5 S:5 W:5	5(N)	4	Radius: 4.9m. Area: 75 sq m.	Good	Fair	Historically pollarded at 5m with vigorous regeneration Multiple wounds up to 5m from historic pruning to raise clear canopy height Basal epicormic growths			20+ Years	B2
0955		Common Lime, <i>Tilia x europaea</i>	Mature	16	440		N:6 E:5 S:4 W:6	4(SE)	4	Radius: 5.3m. Area: 88 sq m.	Good	Fair	2 co-dominant stems from 4.5m via tension union Multiple wounds up to 4m from historic pruning to raise clear canopy height Basal epicormic growths			20+ Years	B2
0956		Common Lime, <i>Tilia x europaea</i>	Mature	16	430		N:5 E:5 S:5 W:6	4.5(N)	3.5	Radius: 5.2m. Area: 85 sq m.	Good	Fair	Historically pollarded at 5m with vigorous regeneration Multiple wounds up to 5m from historic pruning to raise clear canopy height Basal epicormic growths			20+ Years	B2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0957		Common Lime, <i>Tilia x europaea</i>	Mature	17	560		N:5 E:6 S:6 W:7	4(SW)	3	Radius: 6.7m. Area: 141 sq m.	Good	Fair	3 co-dominant stems from 5m via tension union Historically pollarded at 5-8m with vigorous regeneration Multiple wounds up to 5m from historic pruning to raise clear canopy height			20+ Years	B2
0958		Common Lime, <i>Tilia x europaea</i>	Mature	15	410		N:5 E:5 S:5 W:6	4.5(W)	3.5	Radius: 4.9m. Area: 75 sq m.	Good	Fair	Historically pollarded at 5-7m with vigorous regeneration Multiple wounds up to 5m from historic pruning to raise clear canopy height Light basal epicormic growths			20+ Years	B2
0959		Common Lime, <i>Tilia x europaea</i>	Mature	16	430		N:5 E:5 S:5 W:7	4(S)	3.5	Radius: 5.2m. Area: 85 sq m.	Good	Fair	Historically pollarded at 5m with vigorous regeneration Multiple wounds up to 5m from historic pruning to raise clear canopy height Minor deadwoods			20+ Years	B2
0960		Common Lime, <i>Tilia x europaea</i>	Mature	16	460		N:6 E:6 S:5 W:7	4(NW)	4	Radius: 5.5m. Area: 95 sq m.	Good	Fair	Historically pollarded at 6m with dense regeneration Multiple wounds up to 5m from historic pruning to raise clear canopy height with substantial decay cavities			20+ Years	B2
0961		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	7	200		N:4 E:2 S:2 W:3	1(N)	1	Radius: 2.4m. Area: 18 sq m.	Good	Fair	Self seeded small specimen growing out of embankment 2 co-dominant stems from 2.5m via compression union Multiple wounds up to 3m from historic pruning to raise clear canopy height			<10 years	C2
0962		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	8	210		N:2 E:2 S:2 W:3	3.5(S)	3.5	Radius: 2.5m. Area: 20 sq m.	Good	Fair	Self seeded small specimen growing out of embankment Multiple wounds up to 3m from historic pruning to raise clear canopy height Crown development suppressed from NE			10+ Years	C2
0963		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	12	250		N:3 E:2 S:3 W:4	3(N)	3	Radius: 3.0m. Area: 28 sq m.	Good	Fair	Self seeded small specimen growing out of embankment Crown development suppressed from E Multiple wounds up to 3m from historic pruning to raise clear canopy height			10+ Years	C2
0964		European Ash, <i>Fraxinus excelsior</i>	Semi Mature	6	150		N:3 E:1 S:3 W:6	2.5(S)	0	Radius: 1.8m. Area: 10 sq m.	Poor	Poor	Self seeded small specimen growing out of embankment Chalara Ash Dieback present			<10 years	C2
0965		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	14		320, 290, 190,	N:5 E:4 S:4 W:5	0.5(E)	0.5	Radius: 5.7m. Area: 102 sq m.	Good	Fair	Self seeded specimen growing out of embankment 3 co-dominant stems from 0.5m via tension union Crown development suppressed from E Minor deadwoods			10+ Years	C2
0966		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	8	210		N:4 E:3 S:2 W:4	2.5(W)	2	Radius: 2.5m. Area: 20 sq m.	Good	Fair	Self seeded small specimen growing out of embankment Crown development suppressed from S			10+ Years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0967		European Ash, <i>Fraxinus excelsior</i>	Early Mature	11		200, 150,	N:5 E:2 S:4 W:5	0(E)	0	Radius: 3.0m. Area: 28 sq m.	Poor	Fair to Poor	Self seeded specimen growing out of embankment Dense Ivy infesting stem and crown Chalara Ash Dieback present			<10 years	C2
0968		European Ash, <i>Fraxinus excelsior</i>	Early Mature	10	300		N:6 E:3 S:7 W:6	1(S)	1	Radius: 3.6m. Area: 41 sq m.	Poor	Fair	2 co-dominant stems from 0m via compression union Self seeded specimen growing out of embankment Chalara Ash Dieback present			<10 years	C2
0969		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	11		380, 280,	N:6 E:4 S:6 W:6	1.5(SW)	1	Radius: 5.7m. Area: 102 sq m.	Good	Fair	Self seeded specimen growing out of embankment 2 co-dominant stems from 0.5m via tension union Multiple wounds up to 3m from historic pruning to raise clear canopy height			20+ Years	C2
0970		European Ash, <i>Fraxinus excelsior</i>	Early Mature	8		320, 310,	N:6 E:5 S:6 W:5	1.5(NE)	1	Radius: 5.4m. Area: 92 sq m.	Poor	Fair	2 co-dominant stems from 0.5m via tension union Self seeded specimen growing out of embankment Chalara Ash Dieback present			<10 years	C2
SECTOR 8b	Grangeburn Road																
Sector Overview	South embankment of Grange Burn at Grangeburn Road -also including small group of Poplars on lawn at east end	Mixed broadleaves	Variable	<18	<500						Variable	Variable	Formal line of relatively young trees providing high visual amenity on north side of Grangeburn Rd Most specimens in adequate condition with many well-formed examples Fairly high proportion of substantial Ash, all with Chalara Ash Dieback			Variable	Variable
0971		European Ash, <i>Fraxinus excelsior</i>	Mature	16	480		N:8 E:8 S:7 W:9	3(E)	1.5	Radius: 5.8m. Area: 106 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
0972		European Ash, <i>Fraxinus excelsior</i>	Mature	14	430		N:7 E:7 S:6 W:7	3.5(N)	1	Radius: 5.2m. Area: 85 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
0973		Field Maple, <i>Acer campestre</i>	Semi Mature	7	150		N:3 E:3 S:2 W:2	2(W)	2	Radius: 1.8m. Area: 10 sq m.	Good	Fair to Good	Viable young specimen with stem kinked to E at 2m			20+ Years	B2
0974		European Ash, <i>Fraxinus excelsior</i>	Mature	16	460		N:9 E:5 S:8 W:8	3(SW)	1.5	Radius: 5.5m. Area: 95 sq m.	Poor	Fair to Good	Reasonably well-structured specimen with Chalara Ash Dieback Crown development suppressed from E			<10 years	C2
0975		European Ash, <i>Fraxinus excelsior</i>	Mature	17	420		N:7 E:7 S:7 W:6	3(S)	2	Radius: 5.0m. Area: 79 sq m.	Poor	Fair to Good	Reasonably well-structured specimen with Chalara Ash Dieback Crown development slightly suppressed from W			<10 years	C2
0976		European Ash, <i>Fraxinus excelsior</i>	Mature	16	510		N:7 E:7 S:7 W:9	4(SW)	1.5	Radius: 6.1m. Area: 117 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
0977		European Ash, <i>Fraxinus excelsior</i>	Mature	16	540		N:7 E:6 S:7 W:8	4(N)	1.5	Radius: 6.5m. Area: 133 sq m.	Poor	Good	Reasonably well-structured specimen with Chalara Ash Dieback Crown development slightly suppressed from E			<10 years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0978		European Ash, <i>Fraxinus excelsior</i>	Mature	17	560		N:7 E:7 S:7 W:7	3(SW)	1	Radius: 6.7m. Area: 141 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback Crown development slightly suppressed from E			<10 years	C2
0979		Flowering Cherry, <i>Prunus serrulata</i>	Mature	13	390		N:5 E:6 S:6 W:6	3(W)	2	Radius: 4.7m. Area: 69 sq m.	Good	Fair	3 co-dominant stems from 2.8m via tension union Multiple wounds up to 5m from historic pruning to raise clear canopy height Some areas of bark necrosis with bacterial canker on lower bole			20+ Years	B2
0980		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	6	160		N:3 E:3 S:3 W:4	2(E)	2	Radius: 1.9m. Area: 11 sq m.	Good	Fair to Good	Viable young specimen			20+ Years	B2
0981		Flowering Cherry, <i>Prunus serrulata</i>	Semi Mature	6	140		N:3 E:2 S:3 W:3	2(NE)	2	Radius: 1.7m. Area: 9 sq m.	Good	Fair to Good	Viable young specimen			20+ Years	B2
0982		European Ash, <i>Fraxinus excelsior</i>	Mature	16	460		N:8 E:6 S:8 W:8	3(SW)	1	Radius: 5.5m. Area: 95 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback Fractured/hanging branch at 4.5m S over carriageway	Remove fractured/hanging branch	3 months	<10 years	C2
0983		Flowering Cherry, <i>Prunus serrulata</i>	Mature	12	480		N:8 E:7 S:6 W:6	4(N)	2	Radius: 5.8m. Area: 106 sq m.	Good	Fair to Good	Well-structured mature specimen Multiple wounds up to 4m from historic pruning to raise clear canopy height Minor deadwoods			20+ Years	B2
0984		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Semi Mature	7	230		N:4 E:4 S:4 W:4	2(SE)	1	Radius: 2.8m. Area: 25 sq m.	Good	Fair to Good	Viable young specimen Small fractured/hanging branch at 3m W			40+ Years	B2
0985		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Semi Mature	6	200		N:4 E:3 S:3 W:3	1.5(W)	1.5	Radius: 2.4m. Area: 18 sq m.	Good	Fair	Viable young specimen Multiple co-dominant stems from 1.8m via compression union			20+ Years	B2
0986		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Semi Mature	6	230		N:4 E:4 S:3 W:3	1.5(N)	1.5	Radius: 2.8m. Area: 25 sq m.	Good	Fair to Good	Viable young specimen Multiple wounds up to 2m from historic pruning to raise clear canopy height			20+ Years	B2
0987		Flowering Cherry, <i>Prunus serrulata</i>	Mature	14	520		N:7 E:7 S:6 W:7	2.5(N)	1	Radius: 6.2m. Area: 121 sq m.	Good	Fair to Good	Well-structured mature specimen Multiple wounds up to 3m from historic pruning to raise clear canopy height			20+ Years	B2
0988		Rowan, <i>Sorbus aucuparia</i>	Early Mature	5	160		N:2 E:2 S:2 W:2	2(NE)	1.5	Radius: 1.9m. Area: 11 sq m.	Good	Fair to Good	2 co-dominant stems from 2m via compression union			20+ Years	B2
0989		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Semi Mature	7	220		N:3 E:3 S:3 W:3	2(E)	1	Radius: 2.6m. Area: 21 sq m.	Good	Good	Viable young specimen			40+ Years	B2
0990		Rowan, <i>Sorbus aucuparia</i>	Early Mature	5	190		N:2 E:2 S:1 W:1	2(SE)	2	Radius: 2.3m. Area: 17 sq m.	Good	Fair	2 co-dominant stems from 2.2m via compression union Redundant tree stakes present with associated areas of bark damage			20+ Years	B2
0991		Whitebeam, <i>Sorbus aria</i>	Mature	8	400		N:5 E:8 S:5 W:3	2(E)	1.5	Radius: 4.8m. Area: 72 sq m.	Fair	Fair to Poor	2 co-dominant stems from 1.8m via compression union Stem inclined to E with branch extensions entangled in adjacent tree			<10 years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
0992		European Ash, <i>Fraxinus excelsior</i>	Mature	14	440		N:7 E:6 S:6 W:6	3(SW)	1.5	Radius: 5.3m. Area: 88 sq m.	Poor	Fair to Good	Reasonably well-structured specimen with Chalara Ash Dieback			<10 years	C2
0993		European Ash, <i>Fraxinus excelsior</i>	Mature	16	470		N:7 E:7 S:6 W:6	1.5(E)	1.5	Radius: 5.6m. Area: 99 sq m.	Poor	Fair to Good	Reasonably well-structured specimen with Chalara Ash Dieback			<10 years	C2
0994		European Ash, <i>Fraxinus excelsior</i>	Mature	15	410		N:6 E:7 S:6 W:6	4(E)	2	Radius: 4.9m. Area: 75 sq m.	Poor	Fair to Good	Reasonably well-structured specimen with Chalara Ash Dieback			<10 years	C2
0995		European Ash, <i>Fraxinus excelsior</i>	Mature	15	430		N:6 E:4 S:6 W:7	4(W)	2	Radius: 5.2m. Area: 85 sq m.	Poor	Fair to Good	Reasonably well-structured specimen with Chalara Ash Dieback Crown development suppressed from E			<10 years	C2
0996		European Ash, <i>Fraxinus excelsior</i>	Mature	16	420		N:7 E:6 S:7 W:5	3(SW)	1.5	Radius: 5.0m. Area: 79 sq m.	Poor	Fair to Good	Reasonably well-structured specimen with Chalara Ash Dieback Crown development slightly suppressed from W			<10 years	C2
0997		European Ash, <i>Fraxinus excelsior</i>	Mature	13	300		N:5 E:5 S:5 W:3	3(SW)	1.5	Radius: 3.6m. Area: 41 sq m.	Poor	Fair to Good	Slightly suppressed/subdominant specimen with crown development suppressed from W Chalara Ash Dieback			<10 years	C2
0998		Sycamore, <i>Acer pseudoplatanus</i>	Mature	13	430		N:7 E:8 S:7 W:7	2.5(W)	2.5	Radius: 5.2m. Area: 85 sq m.	Good	Fair to Good	Well-structured specimen Minor deadwoods			40+ Years	A2
0999		European Ash, <i>Fraxinus excelsior</i>	Mature	16	570		N:8 E:8 S:8 W:8	2.5(SE)	1.5	Radius: 6.8m. Area: 145 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1000		Sycamore, <i>Acer pseudoplatanus</i>	Mature	13	450		N:7 E:7 S:7 W:7	2.5(E)	3	Radius: 5.4m. Area: 92 sq m.	Good	Fair	Multiple co-dominant stems from 2.5m via tension union Multiple wounds up to 3m from historic pruning to raise clear canopy height			40+ Years	B2
1001		European Ash, <i>Fraxinus excelsior</i>	Mature	17	550		N:7 E:7 S:7 W:7	3(S)	1.5	Radius: 6.6m. Area: 137 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1002		Flowering Cherry, <i>Prunus serrulata</i>	Mature	10	490		N:5 E:6 S:6 W:6	3(W)	1.5	Radius: 5.9m. Area: 109 sq m.	Diseased	Poor	Fructifications of <i>Laetiporus sulphureus</i> on stem at 2m E Acoustic testing indicates some hollowing of stem Multiple wounds up to 3m from historic pruning to raise clear canopy height	Undertake decay detection survey	12 months	<10 years	C2
1003		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Mature	13	430		N:6 E:6 S:6 W:6	2.5(E)	2	Radius: 5.2m. Area: 85 sq m.	Good	Fair to Good	Multiple co-dominant stems from 2.5m via compression union Slightly congested crown structure Multiple wounds up to 3m from historic pruning to raise clear canopy height			40+ Years	B2
1004		European Ash, <i>Fraxinus excelsior</i>	Mature	15	420		N:6 E:5 S:6 W:7	3.5(E)	1.5	Radius: 5.0m. Area: 79 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1005		European Ash, <i>Fraxinus excelsior</i>	Mature	17	490		N:6 E:7 S:6 W:7	4(W)	2	Radius: 5.9m. Area: 109 sq m.	Poor	Good	Reasonably well-structured specimen with Chalara Ash Dieback			<10 years	C2
1006		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Mature	14	480		N:6 E:6 S:5 W:6	2.5(E)	2	Radius: 5.8m. Area: 106 sq m.	Good	Fair to Good	Multiple co-dominant stems from 2.5m via compression union Multiple wounds up to 3m from historic pruning to raise clear canopy height			20+ Years	B2
1007		Sycamore, <i>Acer pseudoplatanus</i>	Mature	14	310		N:6 E:5 S:6 W:6	2.5(E)	3	Radius: 3.7m. Area: 43 sq m.	Good	Fair to Good	2 co-dominant stems from 2.5m via tension union Minor deadwoods Multiple wounds up to 3m from historic pruning to raise clear canopy height			20+ Years	B2
1008		European Ash, <i>Fraxinus excelsior</i>	Mature	14	400		N:5 E:6 S:6 W:6	3.5(W)	2	Radius: 4.8m. Area: 72 sq m.	Poor	Good	Reasonably well-structured specimen with Chalara Ash Dieback			<10 years	C2
1009		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Mature	13	390		N:6 E:5 S:5 W:5	3.5(NE)	1.5	Radius: 4.7m. Area: 69 sq m.	Good	Fair to Good	3 co-dominant stems from 2m via compression union Crown development slightly suppressed from E			20+ Years	B2
1010		European Ash, <i>Fraxinus excelsior</i>	Mature	16	400		N:6 E:5 S:6 W:6	5(N)	2	Radius: 4.8m. Area: 72 sq m.	Poor	Good	Reasonably well-structured specimen with Chalara Ash Dieback			<10 years	C2
1011		Sycamore, <i>Acer pseudoplatanus</i>	Mature	15	370		N:7 E:7 S:6 W:7	3(E)	3	Radius: 4.4m. Area: 61 sq m.	Good	Fair to Good	2 co-dominant stems from 2.5m via tension union Multiple wounds up to 3m from historic pruning to raise clear canopy height Areas of bark necrosis on lower bole 0-2.5m S Minor deadwoods			20+ Years	C2
1012		Silver Birch, <i>Betula pendula</i>	Mature	10	240		N:5 E:5 S:4 W:2	2.5(E)	2.5	Radius: 2.9m. Area: 26 sq m.	Fair to Good	Fair to Poor	2 co-dominant stems from 2.5m via tension union Slightly suppressed/subdominant specimen			10+ Years	C2
1013		European Ash, <i>Fraxinus excelsior</i>	Mature	15	440		N:6 E:6 S:6 W:7	4(E)	1.5	Radius: 5.3m. Area: 88 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1014		Whitebeam, <i>Sorbus aria</i>		8	330		N:5 E:4 S:5 W:3	2(W)	2	Radius: 4.0m. Area: 50 sq m.	Fair	Poor	3 co-dominant stems from 2m via compression union Central co-leader dead with descending decay column			<10 years	C2
1015		European Ash, <i>Fraxinus excelsior</i>	Mature	16	470		N:7 E:7 S:7 W:7	3(N)	1.5	Radius: 5.6m. Area: 99 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1016		European Ash, <i>Fraxinus excelsior</i>	Mature	17	450		N:7 E:8 S:6 W:8	3.5(NW)	1	Radius: 5.4m. Area: 92 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1017		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Mature	12	400		N:6 E:5 S:5 W:5	2(NE)	1	Radius: 4.8m. Area: 72 sq m.	Good	Fair	3 co-dominant stems from 2m via compression union Crown development suppressed from W Multiple wounds up to 4m from historic pruning to raise clear canopy height			20+ Years	B2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1018		Silver Birch, <i>Betula pendula</i>	Mature	11	310		N:5 E:5 S:2 W:4	3(S)	1	Radius: 3.7m. Area: 43 sq m.	Fair to Good	Fair to Poor	Suppressed/subdominant specimen Crown development slightly suppressed from W Multiple large wounds up to 3m from historic pruning to raise clear canopy height with decaying stumps			10+ Years	C2
1019		Whitebeam, <i>Sorbus aria</i>	Mature	9	360		N:6 E:5 S:6 W:5	2(SW)	2	Radius: 4.3m. Area: 58 sq m.	Good	Fair	Multiple co-dominant stems from 2m via compression union Multiple wounds up to 4m from historic pruning to raise clear canopy height			20+ Years	B2
1020		European Ash, <i>Fraxinus excelsior</i>	Mature	15	470		N:6 E:5 S:7 W:8	2.5(S)	1.5	Radius: 5.6m. Area: 99 sq m.	Poor	Fair to Good	Reasonably well-structured specimen with Chalara Ash Dieback			<10 years	C2
1021		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Mature	15	380		N:6 E:4 S:4 W:4	4(N)	1	Radius: 4.6m. Area: 66 sq m.	Good	Fair to Good	Crown development suppressed from E & W Multiple wounds up to 3m from historic pruning to raise clear canopy height Minor deadwoods			20+ Years	B2
1022		European Ash, <i>Fraxinus excelsior</i>	Mature	17	440		N:7 E:7 S:8 W:7	4(N)	1	Radius: 5.3m. Area: 88 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1023		Whitebeam, <i>Sorbus aria</i>	Mature	11	410		N:5 E:4 S:6 W:5	2.5(S)	2	Radius: 4.9m. Area: 75 sq m.	Good	Fair	Crown development suppressed from E 2 co-dominant stems from 2m via compression union Minor deadwoods			20+ Years	B2
1024		European Ash, <i>Fraxinus excelsior</i>	Mature	16	480		N:7 E:8 S:7 W:7	3(NW)	1	Radius: 5.8m. Area: 106 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1025		Rowan, <i>Sorbus aucuparia</i>	Early Mature	6	180		N:3 E:2 S:2 W:2	2.5(SE)	2.5	Radius: 2.2m. Area: 15 sq m.	Good	Fair to Good	Viable young specimen			40+ Years	B2
1026		Whitebeam, <i>Sorbus aria</i>	Mature	9	360		N:5 E:4 S:5 W:5	2(SE)	2	Radius: 4.3m. Area: 58 sq m.	Fair	Fair	Multiple co-dominant stems from 2m via compression union Crown development suppressed from E Multiple wounds up to 3m from historic pruning to raise clear canopy height			10+ Years	C2
1027		Sycamore, <i>Acer pseudoplatanus</i>	Mature	15	440		N:6 E:5 S:7 W:6	3(NW)	3	Radius: 5.3m. Area: 88 sq m.	Fair to Good	Fair	2 co-dominant stems from 2.5m via tension union Minor deadwoods Multiple wounds up to 4m from historic pruning to raise clear canopy height			20+ Years	B2
1028		European Ash, <i>Fraxinus excelsior</i>	Mature	16	450		N:7 E:7 S:7 W:6	3(NE)	2	Radius: 5.4m. Area: 92 sq m.	Poor	Fair to Good	Reasonably well-structured specimen with Chalara Ash Dieback			<10 years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1029		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Early Mature	8	240		N:3 E:4 S:3 W:3	2.5(N)	1.5	Radius: 2.9m. Area: 26 sq m.	Good	Fair	2 co-dominant stems from 3m via tension union Multiple wounds up to 3m from historic pruning to raise clear canopy height Development suppressed by adjacent dominant specimens			20+ Years	C2
1030		European Ash, <i>Fraxinus excelsior</i>	Mature	15	640		N:7 E:8 S:8 W:6	2.5(NE)	1.5	Radius: 7.7m. Area: 186 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1031		Rowan, <i>Sorbus aucuparia</i>	Dead	7	160		N:2 E:1 S:2 W:2	2(E)	2	none - due to Retention Category of U.	Dead	Decaying	Ring-barked at 1m			0 Years	U
1032		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Mature	13	420		N:6 E:6 S:6 W:5	3(W)	1	Radius: 5.0m. Area: 79 sq m.	Good	Fair	2 co-dominant stems from 2.5m via compression union Congested crown structure Multiple wounds up to 3m from historic pruning to raise clear canopy height with decay cavities			10+ Years	C2
1033		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Mature	14	420		N:6 E:5 S:5 W:5	2(N)	0.5	Radius: 5.0m. Area: 79 sq m.	Good	Fair	2 co-dominant stems from 2m via compression union Multiple wounds up to 3m from historic pruning to raise clear canopy height Multiple minor fracture points 5-6m S			20+ Years	B2
1034		European Ash, <i>Fraxinus excelsior</i>	Mature	17	650		N:7 E:6 S:6 W:8	3.5(W)	2	Radius: 7.8m. Area: 191 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1035		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Mature	15	440		N:6 E:5 S:6 W:5	3(N)	1.5	Radius: 5.3m. Area: 88 sq m.	Good	Fair to Good	2 co-dominant stems from 2.5m via compression union Multiple wounds up to 3m from historic pruning to raise clear canopy height Minor deadwoods			40+ Years	A2
1036		European Ash, <i>Fraxinus excelsior</i>	Mature	18	630		N:7 E:7 S:7 W:6	2.5(S)	1	Radius: 7.6m. Area: 181 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1037		Silver Birch, <i>Betula pendula</i>	Mature	11	300		N:4 E:4 S:1 W:2	2(W)	2	Radius: 3.6m. Area: 41 sq m.	Fair	Fair to Poor	Poorly-formed specimen with contorted stem Multiple wounds up to 3m from historic pruning to raise clear canopy height			10+ Years	C2
1038		Silver Birch, <i>Betula pendula</i>	Mature	9	280		N:6 E:5 S:1 W:2	2.5(NE)	2	Radius: 3.4m. Area: 36 sq m.	Fair	Poor	Poorly-formed specimen with contorted stem Multiple wounds up to 3m from historic pruning to raise clear canopy height with decay cavities			<10 years	C2
1039		European Ash, <i>Fraxinus excelsior</i>	Mature	15	490		N:6 E:7 S:7 W:7	4(E)	1.5	Radius: 5.9m. Area: 109 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1040		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Early Mature	11	290		N:4 E:5 S:4 W:2	2.5(NE)	1.5	Radius: 3.5m. Area: 38 sq m.	Fair to Good	Fair	Crown development suppressed from W Multiple wounds up to 3m from historic pruning to raise clear canopy height Minor deadwoods			20+ Years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1041		European Ash, <i>Fraxinus excelsior</i>	Mature	16	630		N:7 E:8 S:7 W:8	4(NW)	1.5	Radius: 7.6m. Area: 181 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1042		Whitebeam, <i>Sorbus aria</i>	Mature	10	360		N:6 E:5 S:4 W:3	2.5(NE)	2	Radius: 4.3m. Area: 58 sq m.	Fair to Good	Fair	Crown development suppressed from W Stem slightly inclined to E 2 co-dominant stems from 2m via compression union Multiple wounds up to 3m from historic pruning to raise clear canopy height Areas of mechanical bark damage from 0m to 0.3m with reaction wood developing			20+ Years	C2
1043		European Ash, <i>Fraxinus excelsior</i>	Mature	16	540		N:7 E:7 S:6 W:7	3(E)	1.5	Radius: 6.5m. Area: 133 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1044		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Mature	10	330		N:5 E:4 S:4 W:4	2.5(E)	2	Radius: 4.0m. Area: 50 sq m.	Good	Fair	2 co-dominant stems from 2.5m via tension union Multiple wounds up to 3m from historic pruning to raise clear canopy height			20+ Years	B2
1045		European Ash, <i>Fraxinus excelsior</i>	Mature	17	470		N:7 E:7 S:6 W:7	4(E)	2	Radius: 5.6m. Area: 99 sq m.	Poor	Good	Well-structured specimen with Chalara Ash Dieback			<10 years	C2
1046		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Early Mature	8	310		N:5 E:5 S:2 W:4	2(NE)	1	Radius: 3.7m. Area: 43 sq m.	Fair to Good	Fair	Crown development substantially suppressed from S 2 co-dominant stems from 2m via tension union Minor deadwoods			20+ Years	C2
1047		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	17	440		N:6 E:6 S:6 W:6	4(NW)	2.5	Radius: 5.3m. Area: 88 sq m.	Good	Fair	2 co-dominant stems from 3.2m via tension union Multiple wounds up to 4m from historic pruning to raise clear canopy height			20+ Years	B2
1048		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	17	400		N:7 E:4 S:6 W:2	4(S)	4	Radius: 4.8m. Area: 72 sq m.	Good	Fair	2 co-dominant stems from 5m via tension union Multiple wounds up to 5m from historic pruning to raise clear canopy height Crown development suppressed from E & W Minor deadwoods			20+ Years	C2
1049		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	17	550		N:8 E:9 S:6 W:4	3(S)	3	Radius: 6.6m. Area: 137 sq m.	Good	Fair	Crown development suppressed from W Stem bowed to E Multiple large wounds up to 3m from historic pruning to raise clear canopy height			20+ Years	B2
SECTOR 8c	SE of Docks Entrance																
Sector Overview	South embankment of Grange Burn to east of docks entrance	Mixed broadleaves	Variable	<17	<400						Variable	Variable	Varied loose group of planted and self-generated broadleaves offering modest visual amenity Ash sps with Chalara Ash dieback			Variable	Variable

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1050		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	13	450		N:5 E:3 S:7 W:6	3(W)	3	Radius: 5.4m. Area: 92 sq m.	Fair to Good	Fair	Crown development suppressed from E Multiple large wounds up to 3m from historic pruning to raise clear canopy height Minor deadwoods			20+ Years	C2
1051		Large-Leaf Lime, <i>Tilia platyphyllos</i>	Early Mature	13	380		N:5 E:5 S:5 W:5	1(W)	0.5	Radius: 4.6m. Area: 66 sq m.	Good	Fair to Good	2 co-dominant stems from 2.5m via compression union			20+ Years	B2
1052		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	16	400		N:6 E:5 S:6 W:5	3.5(S)	3.5	Radius: 4.8m. Area: 72 sq m.	Good	Fair to Good	Multiple wounds up to 3m from historic pruning to raise clear canopy height Minor deadwoods			20+ Years	B2
1053		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	17	390		N:6 E:3 S:7 W:3	2.5(S)	3	Radius: 4.7m. Area: 69 sq m.	Fair to Good	Fair to Good	Multiple wounds up to 3m from historic pruning to raise clear canopy height			20+ Years	B2
1054		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	17	400		N:6 E:8 S:7 W:2	2.5(SE)	3	Radius: 4.8m. Area: 72 sq m.	Fair to Good	Fair	Crown development suppressed from W Multiple co-dominant stems from 4m via compression union			20+ Years	C2
1055		Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	16	360		N:5 E:6 S:5 W:3	2.5(NE)	1	Radius: 4.3m. Area: 58 sq m.	Good	Fair to Good	Crown development slightly suppressed from SW Minor deadwoods			20+ Years	B2
1056		European Ash, <i>Fraxinus excelsior</i>	Mature	10	350		N:6 E:6 S:7 W:4	2.5(S)	1.5	Radius: 4.2m. Area: 55 sq m.	Poor	Fair to Good	Chalara Ash Dieback			<10 years	C2
1057		Goat Willow, <i>Salix caprea</i>	Mature	8		420, 330,	N:6 E:5 S:4 W:5	1(NE)	0.5	Radius: 6.4m. Area: 129 sq m.	Good	Fair	Multiple co-dominant stems from 0m via compression union Sited at edge of former railway bridge			20+ Years	C2
1058		Silver Birch, <i>Betula pendula</i>	Early Mature	10	260		N:3 E:3 S:5 W:3	2(NW)	1	Radius: 3.1m. Area: 30 sq m.	Good	Fair	Sited at edge of former railway bridge			10+ Years	C2
1059		Flowering Cherry, <i>Prunus serrulata</i>	Early Mature	7		200, 190,	N:4 E:4 S:5 W:4	1.5(SE)	1	Radius: 3.3m. Area: 34 sq m.	Good	Fair	3 co-dominant stems from 1.2m via compression union			20+ Years	C2
Group 8c.1		Hybrid Black Poplar, <i>Populus x canadensis</i> European Ash, <i>Fraxinus excelsior</i>	Semi Mature	<14	<180						Fair	Fair	Linear grouping of young self-generated broadleaves on edge of embankment Ash with Chalara Ash dieback			<10 years	C2
Group 8c.2		Hybrid Black Poplar, <i>Populus x canadensis</i> European Ash, <i>Fraxinus excelsior</i>	Semi Mature	<9	<150						Fair	Fair	Loose grouping of young self-generated broadleaves around small derelict building Ash with Chalara Ash dieback			<10 years	C2
SECTOR 8d	Abbots Rd/ S Shore Rd																

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Sector Overview	West embankment of Grange Burn at Abbots Road also extending (as Grangeburn Rd) to north of Bo'ness Rd	Mixed broadleaves	Variable	<17	<700						Variable	Variable	Formal avenue line of substantial mature broadleaves dominated by Lime and Sycamore Limes generally in good overall condition Sycamores tending to present some depleted vigour North of Bo'ness Rd composition and condition is more variable including self-generated younger trees and one standing dead Sycamore Many specimens in this area with dense Ivy infestation One Ash sp with Chalara Ash Dieback			Variable	Variable
1060		Common Lime, <i>Tilia x europaea</i>	Mature	15	540		N:7 E:6 S:6 W:6	3(W)	1	Radius: 6.5m. Area: 133 sq m.	Good	Fair to Good	2 co-dominant stems from 3m via tension union Horsechestnut Scale population in lower crown Light Basal epicormic growths			40+ Years	A2
1061		Sycamore, <i>Acer pseudoplatanus</i>	Mature	15	430		N:6 E:6 S:5 W:5	2.5(N)	3	Radius: 5.2m. Area: 85 sq m.	Fair to Poor	Fair	Generally depleted vigour with small leaf dimensions			<10 years	C2
1062		Common Lime, <i>Tilia x europaea</i>	Mature	17	560		N:7 E:7 S:6 W:6	2.5(E)	1.5	Radius: 6.7m. Area: 141 sq m.	Good	Fair to Good	2 co-dominant stems from 7m via compression union Minor deadwoods Light basal epicormic growths			40+ Years	A2
1063		European Ash, <i>Fraxinus excelsior</i>	Mature	15	480		N:7 E:7 S:5 W:6	3(S)	2	Radius: 5.8m. Area: 106 sq m.	Poor	Fair to Good	Chalara Ash Dieback			<10 years	C2
1064		Sycamore, <i>Acer pseudoplatanus</i>	Mature	15	490		N:7 E:7 S:6 W:7	4.5(N)	3.5	Radius: 5.9m. Area: 109 sq m.	Fair to Poor	Fair to Poor	Generally depleted vigour with small leaf dimensions 3 co-dominant stems from 3.5m via tension union Multiple wounds up to 4m from historic pruning to raise clear canopy height with decay cavities			<10 years	C2
1065		Common Lime, <i>Tilia x europaea</i>	Mature	16	490		N:8 E:6 S:6 W:7	3(N)	1	Radius: 5.9m. Area: 109 sq m.	Good	Fair to Good	Horsechestnut Scale population in lower crown Minor deadwoods Light basal epicormic growths			40+ Years	A2
1066		Sycamore, <i>Acer pseudoplatanus</i>	Mature	15	550		N:7 E:6 S:6 W:7	5.5(E)	4.5	Radius: 6.6m. Area: 137 sq m.	Fair	Fair to Good	Slightly depleted foliage 2 co-dominant stems from 7m via tension union Minor deadwoods			10+ Years	C2
1067		Sycamore, <i>Acer pseudoplatanus</i>	Mature	13	410		N:6 E:5 S:4 W:5	4(NW)	4	Radius: 4.9m. Area: 75 sq m.	Fair	Fair	Slightly depleted foliage Multiple large wounds up to 4m from historic pruning to raise clear canopy height			10+ Years	C2
1068		Common Lime, <i>Tilia x europaea</i>	Mature	17	510		N:6 E:6 S:6 W:6	2.5(NE)	1	Radius: 6.1m. Area: 117 sq m.	Good	Fair to Good	3 co-dominant stems from 4.5-5.5m via tension union Minor deadwoods Horsechestnut Scale population in lower crown Light basal epicormic growths			40+ Years	A2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1069		Common Lime, <i>Tilia x europaea</i>	Mature	17	680		N:8 E:9 S:6 W:8	2.5(S)	2	Radius: 8.2m. Area: 211 sq m.	Fair to Good	Fair	2 co-dominant stems from 2.7m via tension union Minor deadwoods Multiple large wounds up to 4m from historic pruning to raise clear canopy height with some decay cavities Light basal epicormic growths			40+ Years	B2
1070		Field Maple, <i>Acer campestre</i>	Early Mature	7	310		N:4 E:5 S:4 W:4	2.5(E)	2.5	Radius: 3.7m. Area: 43 sq m.	Good	Fair to Good	Viable young specimen Multiple wounds up to 3m from historic pruning to raise clear canopy height			40+ Years	B2
1071		Field Maple, <i>Acer campestre</i>	Early Mature	7	270		N:3 E:4 S:4 W:3	2.5(E)	2.5	Radius: 3.2m. Area: 32 sq m.	Fair to Good	Fair	Multiple large wounds up to 3m from historic pruning to raise clear canopy height Substantial deadwoods in NE sector of crown			10+ Years	C2
1072		Common Lime, <i>Tilia x europaea</i>	Mature	15	520		N:6 E:7 S:6 W:7	2.5(W)	1	Radius: 6.2m. Area: 121 sq m.	Good	Fair to Good	2 co-dominant stems from 4m via tension union Basal epicormic growths			40+ Years	A2
1073		Sycamore, <i>Acer pseudoplatanus</i>	Mature	8	340		N:4 E:5 S:3 W:2	2.5(W)	2	Radius: 4.1m. Area: 53 sq m.	Fair	Fair	Poorly formed specimen 2 co-dominant stems from 2.5m via tension union Multiple deadwoods			10+ Years	C2
1074		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	16	710		N:9 E:8 S:8 W:5	3(E)	1.5	Radius: 8.5m. Area: 227 sq m.	Good	Fair to Good	2 co-dominant stems from 3m via tension union Multiple wounds up to 4m from historic pruning to raise clear canopy height Ragged fracture wound at 3m W			40+ Years	A2
1075		Horsechestnut, <i>Aesculus hippocastanum</i>	Mature	15	690		N:7 E:8 S:7 W:7	3(S)	3	Radius: 8.3m. Area: 216 sq m.	Good	Fair	Multiple wounds up to 5m from historic pruning to raise clear canopy height			40+ Years	A2
1076		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	9		240, 230,	N:4 E:5 S:4 W:5	3(N)	2	Radius: 4.0m. Area: 50 sq m.	Fair to Good	Fair	2 co-dominant stems from 1.5m via compression union Self-seeded young tree on embankment			<10 years	C2
1077		Common Lime, <i>Tilia x europaea</i>	Semi Mature	11	270		N:3 E:5 S:3 W:3	3(S)	1.5	Radius: 3.2m. Area: 32 sq m.	Good	Fair	Arising from coppice regeneration on embankment			10+ Years	C2
1078		Common Lime, <i>Tilia x europaea</i>	Mature	17	520		N:7 E:8 S:6 W:6	3(S)	3	Radius: 6.2m. Area: 121 sq m.	Good	Fair	Multiple wounds up to 4m from historic pruning to raise clear canopy height Ivy infesting stem and crown			40+ Years	A2
1079		Common Lime, <i>Tilia x europaea</i>	Mature	18	550		N:6 E:8 S:5 W:6	3(S)	3	Radius: 6.6m. Area: 137 sq m.	Fair	Fair	Dense Ivy infesting stem and crown, obscuring majority of crown Minor deadwoods	Remove ivy and re-inspect condition	12 months	20+ Years	B2
1080		Common Lime, <i>Tilia x europaea</i>	Mature	15	440		N:5 E:6 S:3 W:5	4(E)	3.5	Radius: 5.3m. Area: 88 sq m.	Fair	Fair	Dense Ivy infesting stem and crown, obscuring majority of crown Minor deadwoods	Remove ivy and re-inspect condition	12 months	20+ Years	B2
1081		Common Lime, <i>Tilia x europaea</i>	Mature	17	550		N:6 E:7 S:7 W:7	2.5(NE)	2.5	Radius: 6.6m. Area: 137 sq m.	Fair	Fair	Dense Ivy infesting stem and crown, obscuring majority of crown Minor deadwoods and slight stag-heading in upper crown	Remove ivy and re-inspect condition	12 months	20+ Years	B2
1082		Sycamore, <i>Acer pseudoplatanus</i>	Mature	13	480		N:3 E:5 S:2 W:3	3.5(SE)	3.5	none - due to Retention Category of U.	Dead	Decaying	Standing Dead with dense Ivy infesting stem and crown, obscuring majority of crown	Remove tree to ground level	3 Months	0 Years	U

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1083		Common Lime, <i>Tilia x europaea</i>	Mature	17	550		N:5 E:7 S:6 W:6	3.5(E)	3	Radius: 6.6m. Area: 137 sq m.	Fair to Good	Fair	Dense Ivy infesting stem and crown, obscuring majority of crown Minor deadwoods	Remove ivy and re-inspect condition	12 months	20+ Years	B2
1084		Common Lime, <i>Tilia x europaea</i>	Mature	17	600		N:5 E:6 S:5 W:6	3(E)	2	Radius: 7.2m. Area: 163 sq m.	Fair to Good	Fair	Dense Ivy infesting stem and crown, obscuring majority of crown Minor deadwoods	Remove ivy and re-inspect condition	12 months	20+ Years	B2
1085		Common Lime, <i>Tilia x europaea</i>	Mature	16	490		N:7 E:8 S:7 W:8	3(E)	3	Radius: 5.9m. Area: 109 sq m.	Fair to Good	Fair	2 co-dominant stems from 3m via tension union Multiple wounds up to 4m from historic pruning to raise clear canopy height with decay cavities Stem slightly inclined to E Light Ivy infesting stem and crown			20+ Years	B2
1086		Common Lime, <i>Tilia x europaea</i>	Mature	12	430		N:7 E:6 S:5 W:5	4(E)	3	Radius: 5.2m. Area: 85 sq m.	Fair to Good	Fair	Multiple co-dominant stems from 4.5m via compression union Multiple wounds up to 4m from historic pruning to raise clear canopy height			20+ Years	B2
1087		Wych Elm, <i>Ulmus glabra</i>	Early Mature	7		320, 260,	N:3 E:6 S:6 W:2	1.5(S)	1.5	none - due to Retention Category of U.	Poor	Poor	2 co-dominant stems from 0.3m via compression union Extensive dieback throughout	Remove to ground level	3 Months	0 Years	U
1088		Hawthorn, <i>Crataegus monogyna</i>	Mature	4	250		N:3 E:3 S:2 W:1	0.5(NE)	0.5	Radius: 3.0m. Area: 28 sq m.	Fair to Good	Fair	Multiple wounds up to 2m from historic pruning to raise clear canopy height Sited on embankment			10+ Years	C2
1089		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	12		270, 190, 140,	N:5 E:5 S:4 W:4	2.5(SE)	2.5	Radius: 4.3m. Area: 58 sq m.	Good	Fair	3 co-dominant stems from 0m via compression union Minor co-leader to N substantially dead Multiple wounds up to 5m from historic pruning to raise clear canopy height			10+ Years	C2
1090		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10		290, 270, 240,	N:5 E:7 S:4 W:6	0.5(SE)	0.5	Radius: 5.6m. Area: 99 sq m.	Fair to Good	Fair	3 co-dominant stems from 0m via compression union Minor deadwoods			10+ Years	C2
Group 8d.1		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	<8	<180						Good	Fair	Self seeded young Sycamores on embankment mostly from coppice regeneration			<10 years	C
SECTOR 8e	S Shore Rd (Forth Ports Land)																

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Sector Overview	Entire embankment line to north of Grange Burn within Forth Ports property	Hawthorn, Crataegus monogyna Cherry Laurel, Prunus laurocerasus Sycamore, Acer pseudoplatanus Flowering Cherry, Prunus serrulata Scots Pine, Pinus sylvestris European Ash, Fraxinus excelsior Wych Elm, Ulmus glabra Blackthorn, Prunus spinosa Crack Willow, Salix fragilis Hazel, Corylus avellana Common Elder, Sambucus nigra Grey Alder, Alnus incana Common Alder, Alnus glutinosa Goat Willow, Salix caprea Lodge Pole Pine	Mostly Early Mature	<13	<400								Screening line of young (mostly native) specimens with occasional older broadleaves predating the plantation Very few Ash sps included, all of those with Chalara Ash Dieback Older specimens individually recorded, as well as largest examples of young plantation trees			20+ Years	B2
1091		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	9	290		N:3 E:4 S:4 W:3	0.5(S)	0.5	Radius: 3.5m. Area: 38 sq m.	Good	Fair to Good	2 co-dominant stems from 1.6m via tension union			20+ Years	C2
1092		Hawthorn, <i>Crataegus monogyna</i>	Mature	7		230, 210, 210,	N:3 E:5 S:4 W:5	1(SE)	0.5	Radius: 4.5m. Area: 64 sq m.	Good	Fair to Good	3 co-dominant stems from 0.5m via tension union			20+ Years	B2
1093		Hawthorn, <i>Crataegus monogyna</i>	Mature	6		230, 200,	N:2 E:4 S:4 W:3	1(N)	1	Radius: 3.7m. Area: 43 sq m.	Good	Fair to Good	2 co-dominant stems from 1m via compression union Viable mature specimen			20+ Years	B2
1094		Hawthorn, <i>Crataegus monogyna</i>	Mature	7		240, 220, 200,	N:4 E:3 S:5 W:5	1.5(NE)	1	Radius: 4.6m. Area: 66 sq m.	Fair to Good	Fair to Good	Multistemmed from ground level Multiple points of coarse lopping to branch extensions in lower crown Viable mature specimen			20+ Years	B2
1095		Grey Alder, <i>Alnus incana</i>	Early Mature	11	280		N:4 E:3 S:3 W:3	2.5(S)	1.5	Radius: 3.4m. Area: 36 sq m.	Good	Fair to Good	Viable young specimen			20+ Years	B2
1096		Goat Willow, <i>Salix caprea</i>	Early Mature	10	330		N:4 E:4 S:4 W:4	1(W)	1	Radius: 4.0m. Area: 50 sq m.	Good	Fair to Good	3 co-dominant stems from 2.2m via tension union Multiple points of coarse lopping to branch extensions in lower crown Viable young specimen			20+ Years	B2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1097		Flowering Cherry, <i>Prunus serrulata</i>	Early Mature	11		220, 220,	N:4 E:4 S:4 W:3	1(S)	2	Radius: 3.7m. Area: 43 sq m.	Fair to Good	Fair to Good	Crown development slightly suppressed from W 2 co-dominant stems from 1m via compression union Multiple wounds up to 3m from historic pruning to raise clear canopy height Multiple points of coarse lopping to branch extensions in lower crown			20+ Years	C2
1098		Wych Elm, <i>Ulmus glabra</i>	Mature	13		510, 390, 380, 320,	N:7 E:8 S:9 W:9	1.5(W)	1	Radius: 9.7m. Area: 296 sq m.	Good	Fair to Good	3 co-dominant stems from 0m via compression union Good ramifying crown structure Sited on embankment of Grange Burn			20+ Years	B2
1099		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	12		360, 200,	N:3 E:5 S:5 W:5	2(W)	2	Radius: 4.9m. Area: 75 sq m.	Good	Fair to Good	2 co-dominant stems from 0.5m via tension union Multiple wounds up to 3m from historic pruning to raise clear canopy height			20+ Years	B2
1100		Hawthorn, <i>Crataegus monogyna</i>	Mature	6	330		N:4 E:3 S:3 W:4	1(W)	0.5	Radius: 4.0m. Area: 50 sq m.	Fair to Good	Fair to Good	Viable mature specimen			20+ Years	B2
1101		Flowering Cherry, <i>Prunus serrulata</i>	Early Mature	9	390		N:5 E:6 S:5 W:6	1.5(W)	1	Radius: 4.7m. Area: 69 sq m.	Good	Fair to Good	Viable specimen in early maturity			20+ Years	B2
1102		European Ash, <i>Fraxinus excelsior</i>	Mature	13		380, 310, 250, 230, 210, 200,	N:5 E:6 S:8 W:6	0.5(E)	2	Radius: 8.0m. Area: 201 sq m.	Poor	Fair	Multiple co-dominant stems from 0m via compression union with some points of fusion between co-leaders Chalara Ash Dieback			<10 years	C2
1103		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	13		350, 330,	N:5 E:7 S:7 W:7	0.5(E)	0.5	Radius: 5.8m. Area: 106 sq m.	Good	Fair to Good	2 co-dominant stems from 1.4m via tension union Viable specimen in early maturity			20+ Years	B2
SECTOR 9	Carron West Part 1																
Sector Overview	Adjacent to footpath to west of Park Rd, Carron	Mixed broadleaves; occasional conifer	Mature/Early Mature	<12	<450								Sector comprising four varied sub-groups Predominantly of young natives with small older trees predating plantations Overall condition reasonably good with high amenity an ecological value No specimens of particular individual merit			20+ Years	B2
1104	Specimen outwith survey area	Hybrid Black Poplar, <i>Populus x canadensis</i>	Mature	22		490, 480, 460, 460,	N:6 E:8 S:10 W:8	4.5(N)	3	Radius: 11.3m. Area: 401 sq m.	Good	Fair	3 co-dominant stems from 0.5m via compression union Multiple points of coarse lopping to branch extensions in lower crown			20+ Years	B2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Group 9.1		Common Alder, Alnus glutinosa Norway Maple, Acer platanoides Silver Birch, Betula pendula Crack Willow, Salix fragilis Scots Pine, Pinus sylvestris Rowan, Sorbus aucuparia Hazel, Corylus avellana Wild Cherry, Prunus avium Goat Willow, Salix caprea Hawthorn, Crataegus monogyna	Early Mature	<14	<200						Good	Fair	Dense young plantation of (mainly) Scottish native trees Specimens in interior tending to be stretched/subdominant Overall condition good with no specimens of particular individual merit			20+ Years	B2
Group 9.2		English Oak, Quercus robur Sycamore, Acer pseudoplatanus Cherry Laurel, Prunus laurocerasus Common Elder, Sambucus nigra Hawthorn, Crataegus monogyna	Early Mature	<11	<200						Good	Fair	Mix of planted and self seeded young trees on NE edge of footpath General condition adequate with pockets of congestion Multiple examples of rough lopping over footpath No specimens of particular individual merit			20+ Years	B2
Group 9.3		Sycamore, Acer pseudoplatanus Hawthorn, Crataegus monogyna European Ash, Fraxinus excelsior	Early Mature	<11	<280						Good	Fair to Good	Small copse of (mostly) Scottish native species Overall condition good with no specimens of particular individual merit No symptoms of Chalara Ash Dieback present			20+ Years	B2
Group 9.4		Blackthorn, Prunus spinosa Scots Pine, Pinus sylvestris Common Elder, Sambucus nigra Cherry Laurel, Prunus laurocerasus Grey Alder, Alnus incana Sycamore, Acer pseudoplatanus Hazel, Corylus avellana Goat Willow, Salix caprea Hawthorn, Crataegus monogyna Common Alder, Alnus glutinosa	Mature/Early Mature	<12	<450						Good	Fair	Variable mixed species copse of (mostly) Scottish native species some older Willows on S margin Young trees roughly topped on E margin No specimens of particular individual merit			20+ Years	B2
SECTOR 10	Carron West Part 2																

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Sector Overview	Adjacent to footpath to north of Park Rd, Carron	Mixed broadleaves	Early Mature	<13	<200						Good	Fair	Sector comprising two sub-groups Young plantation to west in good overall condition Cope to north of more modest composition and condition No specimens of particular individual merit			Variable	Variable
Group 10.1		Grey Alder, Alnus incana Common Elder, Sambucus nigra Cherry Laurel, Prunus laurocerasus Sycamore, Acer pseudoplatanus									Good	Fair	Edge of dense young plantation			20+ Years	B2
Group 10.2		Goat Willow, Salix caprea Silver Birch, Betula pendula Sycamore, Acer pseudoplatanus Cherry Laurel, Prunus laurocerasus Hawthorn, Crataegus monogyna Norway Maple, Acer platanoides Common Elder, Sambucus nigra	Early Mature	<10	<150						Good	Fair	Dense copse of broadleaf trees on raised mound Mix of self-generated and planted, including coppice regeneration			20+ Years	C2
SECTOR 11	Carron West Part 3																
Sector Overview	Adjacent to footpath to north of Park Rd, Carron	Mixed broadleaves	Early Mature	<10	<200						Variable	Variable	Sector comprising two sub-groups Section of young plantation to NW in good overall condition Cope to east of more modest composition and condition No specimens of particular individual merit			Variable	Variable
Group 11.1		Sycamore, Acer pseudoplatanus Common Elder, Sambucus nigra Crack Willow, Salix fragilis Silver Birch, Betula pendula Field Maple, Acer campestre Goat Willow, Salix caprea English Oak, Quercus robur Hawthorn, Crataegus monogyna	Early Mature	<10	<200						Good	Fair to Good	Trees on S edge of young mixed species plantation			20+ Years	B2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Group 11.2		Common Elder, <i>Sambucus nigra</i> Hawthorn, <i>Crataegus monogyna</i> Sycamore, <i>Acer pseudoplatanus</i> Rowan, <i>Sorbus aucuparia</i> Cherry Laurel, <i>Prunus laurocerasus</i>	Early Mature	<10	<200						Fair to Good	Fair	Sporadic small trees on raised mound, mostly self seeded with laurel on edges of group Japanese knotweed on N margin			20+ Years	C2
SECTOR 12	Carron Central Part 1: S bank of River Carron, W of Stenhouse Rd bridge																
Sector Overview	Adjacent to footpath to north of Park Rd, Carron and to SW of Stenhouse Rd bridge	Mixed broadleaves; small clusters of conifers at path edge	Variable	<18	<600						Variable	Variable	Diverse sector comprising various groups including mature woodland copse, small plantation compartments and more high-profile groups to west of public road. Older woodland areas in good overall condition Younger plantation compartments in adequate condition Groups adjacent to road largely comprised of diseased Ash or small trees of modest quality and condition			Variable	Variable
1105		Wych Elm, <i>Ulmus glabra</i>	Early Mature	10	300		N:6 E:6 S:6 W:6	2.5(NW)	0.5	Radius: 3.6m. Area: 41 sq m.	Fair	Fair	2 co-dominant stems from 2.5m via compression union Substantial areas of bark necrosis from 0m to 2m			<10 years	C2
1106		Silver Birch, <i>Betula pendula</i>	Early Mature	17	280		N:5 E:5 S:3 W:4	3(N)	2	Radius: 3.4m. Area: 36 sq m.	Good	Fair to Good	Crown development slightly suppressed from SW Slightly stretched crown development			20+ Years	B2
1107		Japanese Larch, <i>Larix kaempferi</i>	Early Mature	18	250		N:3 E:3 S:4 W:2	4(SE)	4	Radius: 3.0m. Area: 28 sq m.	Good	Fair to Good	Slightly stretched crown development On edge of copse Largest example in small cluster of similar specimens			20+ Years	B2
1108		Goat Willow, <i>Salix caprea</i>	Mature	11		300, 250, 240, 210,	N:6 E:6 S:3 W:3	0.5(NE)	1	Radius: 6.0m. Area: 113 sq m.	Fair to Good	Fair	Multiple co-dominant stems from 0m via compression union Crown development suppressed from S			10+ Years	C2
1109		European Ash, <i>Fraxinus excelsior</i>	Early Mature	13	400		N:6 E:6 S:5 W:6	2.5(SW)	1.5	Radius: 4.8m. Area: 72 sq m.	Poor	Fair	Chalara Ash Dieback			<10 years	C2
1110		Goat Willow, <i>Salix caprea</i>	Mature	11	600		N:7 E:6 S:6 W:7	1.5(N)	1	Radius: 7.2m. Area: 163 sq m.	Fair to Good	Fair	Multiple co-dominant stems from 1.5m via compression union Slight undercutting of rootplate by river to N			10+ Years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Group 12.1		Silver Birch, Betula pendula Cherry Laurel, Prunus laurocerasus Sycamore, Acer pseudoplatanus Common Elder, Sambucus nigra European Ash, Fraxinus excelsior	Mature	<11	<300						Fair to Good	Fair to Good	Naturally generated small woodland with local areas of congestion			20+ Years	B2
Group 12.2		Silver Birch, Betula pendula Cherry Laurel, Prunus laurocerasus Sycamore, Acer pseudoplatanus Common Elder, Sambucus nigra European Ash, Fraxinus excelsior Japanese Larch, Larix kaempferi Common Alder, Alnus glutinosa	Early Mature	<20	<250						Good	Fair to Good	Small compartment on N facing slope of tall stretched planted specimens and self seeded/coppice sycamores with laurel and elder undercanopy Ash infected by Chalara Ash Dieback			20+ Years	B2
Group 12.3		Common Alder, Alnus glutinosa Japanese Larch, Larix kaempferi Common Elder, Sambucus nigra European Ash, Fraxinus excelsior Grey Alder, Alnus incana Scots Pine, Pinus sylvestris Silver Birch, Betula pendula Cherry Laurel, Prunus laurocerasus	Early Mature	<18	<250						Good	Fair to Good	Small compartment of tall stretched planted specimens with laurel and elder undercanopy Ash infected by Chalara Ash Dieback			20+ Years	B2
Group 12.4		European Ash, Fraxinus excelsior Hawthorn, Crataegus monogyna Goat Willow, Salix caprea Common Elder, Sambucus nigra	Early Mature	<13	<400						Fair	Fair	Six early mature ash specimens within dense undercanopy in borders on either side of footpath Ash infected with Chalara Ash Dieback other specimens in adequate condition Ash no. 1109 tagged as largest example ERC 20+years (excluding ash which is <10)			20+ Years	C2
Group 12.5		Hawthorn, Crataegus monogyna Goat Willow, Salix caprea Common Elder, Sambucus nigra	Mature	<10	<250						Fair	Fair	Sporadic collection of small trees in dense undergrowth Multiple incidences of fracture and dieback - no safety issues presented			<10 years	C2
SECTOR 13	Carron Central Part 2: N bank of River Carron between Stenhouse Rd & Carron Rd bridges																

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Sector Overview	North river embankment	Mixed broadleaves; small group of conifers at east end	Early mature/Mature	<16	<750						Variable	Generally Fair	Rather congested and untidy embankment line of varied composition Few specimens of individual merit but good ecological value All Ash sps with symptoms of Chalara Ash Dieback			Variable	Variable
1111		Crack Willow, <i>Salix fragilis</i>	Early Mature	10	210		N:2 E:2 S:6 W:6	2(E)	4	Radius: 2.5m. Area: 20 sq m.	Fair	Fair to Poor	Poorly formed specimen Branch extensions touching bridge parapet to W			<10 years	C2
1112		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	14	410		N:6 E:3 S:5 W:5	4(S)	4	Radius: 4.9m. Area: 75 sq m.	Good	Fair	3 co-dominant stems from 3m via tension union Branch extensions touching bridge parapet to W			20+ Years	C2
1113		Wych Elm, <i>Ulmus glabra</i>	Early Mature	14	380		N:6 E:4 S:5 W:6	1.5(N)	1	Radius: 4.6m. Area: 66 sq m.	Good	Fair	Sited on steep embankment with exposed buttress roots and branch extensions touching bridge parapet to W			10+ Years	C2
1114		Wych Elm, <i>Ulmus glabra</i>	Early Mature	16		400, 290, 220,	N:7 E:6 S:6 W:7	2.5(W)	2	Radius: 6.5m. Area: 133 sq m.	Good	Fair	Multistemmed coppice regeneration			10+ Years	C2
1115		Wych Elm, <i>Ulmus glabra</i>	Early Mature	15		360, 340,	N:2 E:5 S:6 W:6	2.5(SW)	2.5	Radius: 5.9m. Area: 109 sq m.	Good	Fair	Bi-stemmed coppice regeneration			10+ Years	C2
1116		Wych Elm, <i>Ulmus glabra</i>	Early Mature	10	240		N:5 E:4 S:2 W:0	4.5(W)	2.5	Radius: 2.9m. Area: 26 sq m.	Good	Fair to Poor	Suppressed/subdominant specimen			10+ Years	C2
1117		Wych Elm, <i>Ulmus glabra</i>	Early Mature	11		370,	N:5 E:6 S:4 W:1	2.5(E)	2	Radius: 4.4m. Area: 61 sq m.	Fair to Good	Fair to Poor	Crown development suppressed from W Multiple points of c0597oarse lopping to branch extensions in lower crown			<10 years	C2
1118		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	13	400		N:5 E:6 S:5 W:3	1(NE)	1	Radius: 4.8m. Area: 72 sq m.	Fair	Fair	Crown development slightly suppressed from S Multiple deadwoods			20+ Years	C2
1119		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	15		430, 360,	N:5 E:6 S:8 W:7	2(S)	1.5	Radius: 6.7m. Area: 141 sq m.	Good	Fair to Good	2 co-dominant stems from 1.0m via compression union Crown development slightly suppressed from N Minor deadwoods			20+ Years	B2
1120		Sycamore, <i>Acer pseudoplatanus</i>	Semi Mature	8	220		N:1 E:5 S:4 W:1	2(SW)	1.5	Radius: 2.6m. Area: 21 sq m.	Good	Fair	2 co-dominant stems from 1.6m via compression union Crown development substantially suppressed from N			<10 years	C2
1121		Crack Willow, <i>Salix fragilis</i>	Mature	15	720		N:5 E:8 S:9 W:9	4(E)	4	Radius: 8.6m. Area: 232 sq m.	Fair	Fair to Poor	Crown development suppressed from N Stem slightly inclined to S Multiple major branch fracture points with decaying stumps			20+ Years	C2
1122		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	13		380, 350, 300, 280, 210,	N:6 E:6 S:6 W:5	1(W)	1	Radius: 8.3m. Area: 216 sq m.	Good	Fair	Multistemmed coppice regeneration growing through crown of tree No. 1121			10+ Years	C2
1123		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	11		390,	N:4 E:7 S:6 W:4	1(SW)	1	Radius: 4.7m. Area: 69 sq m.	Good	Fair	Crown development slightly suppressed from W Minor deadwoods and fracture points			20+ Years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1124		English Oak, <i>Quercus robur</i>	Semi Mature	7		150, 100,	N:3 E:2 S:3 W:2	1.5(E)	1.5	Radius: 2.2m. Area: 15 sq m.	Good	Fair to Good	2 co-dominant stems from 0.9m via compression union Minor deadwood Viable young specimen			20+ Years	C2
1125		Wych Elm, <i>Ulmus glabra</i>	Early Mature	13	390		N:5 E:4 S:5 W:5	2(SW)	2	Radius: 4.7m. Area: 69 sq m.	Good	Fair to Good	2 co-dominant stems from 2m via compression union			10+ Years	C2
1126		Wych Elm, <i>Ulmus glabra</i>	Mature	16	480		N:8 E:7 S:7 W:7	3(S)	2.5	Radius: 5.8m. Area: 106 sq m.	Good	Fair to Good	2 co-dominant stems from 2.8m via compression union Good upright form			10+ Years	C2
1127		Wych Elm, <i>Ulmus glabra</i>	Early Mature	11	260		N:6 E:5 S:2 W:3	0.5(NE)	1	Radius: 3.1m. Area: 30 sq m.	Fair to Good	Fair	Crown development suppressed from S Multiple points of coarse lopping to branch extensions in lower crown			10+ Years	C2
1128		Crack Willow, <i>Salix fragilis</i>	Mature	12		400, 400, 280,	N:2 E:6 S:10 W:4	0(N)	0	Radius: 7.6m. Area: 181 sq m.	Fair	Poor	Multi-stemmed specimen with principal co-leaders having lost anchorage and inclined over river to S			<10 years	C2
1129		European Ash, <i>Fraxinus excelsior</i>	Mature	16		580, 350,	N:7 E:8 S:9 W:8	3(N)	3	Radius: 8.1m. Area: 206 sq m.	Poor	Fair	2 co-dominant stems from 1m via compression union Crown development suppressed from N Chalara Ash Dieback			<10 years	C2
1130		Wych Elm, <i>Ulmus glabra</i>	Semi Mature	8	230		N:6 E:3 S:3 W:3	0.5(S)	1	Radius: 2.8m. Area: 25 sq m.	Fair to Good	Fair to Poor	Suppressed/subdominant specimen			<10 years	C2
1131		European Ash, <i>Fraxinus excelsior</i>	Mature	11		340, 230,	N:8 E:5 S:4 W:4	0.5(NE)	0.5	Radius: 4.9m. Area: 75 sq m.	Poor	Fair	2 co-dominant stems from 0.6m via tension union Chalara Ash Dieback			<10 years	C2
1132		Wych Elm, <i>Ulmus glabra</i>	Mature	15	390		N:7 E:7 S:5 W:5	2(NE)	2.5	Radius: 4.7m. Area: 69 sq m.	Fair to Good	Fair to Good	Multiple points of coarse lopping to branch extensions in lower crown			10+ Years	C2
1133		European Ash, <i>Fraxinus excelsior</i>	Mature	13	470		N:5 E:4 S:6 W:6	3(W)	5	Radius: 5.6m. Area: 99 sq m.	Poor	Fair to Poor	Multiple decay cavities on lower bole Chalara Ash Dieback			<10 years	C2
1134		European Ash, <i>Fraxinus excelsior</i>	Mature	17		460, 400,	N:6 E:7 S:9 W:7	2(S)	2	Radius: 7.3m. Area: 167 sq m.	Poor	Fair	2 co-dominant stems from 0.5m via compression union Chalara Ash Dieback			<10 years	C2
1135		Wych Elm, <i>Ulmus glabra</i>	Early Mature	10		290, 250, 250, 190,	N:3 E:5 S:6 W:5	2(S)	1	Radius: 5.9m. Area: 109 sq m.	Fair to Good	Fair	Multistemmed coppice regeneration			<10 years	C2
1136		Silver Birch, <i>Betula pendula</i>	Semi Mature	14	190		N:1 E:3 S:4 W:2	3(S)	3	Radius: 2.3m. Area: 17 sq m.	Good	Fair	2 co-dominant stems from 0m via compression union Suppressed specimen with stretched crown development			10+ Years	C2
1137		Silver Birch, <i>Betula pendula</i>	Semi Mature	12	220		N:2 E:3 S:2 W:1	3(N)	3	Radius: 2.6m. Area: 21 sq m.	Good	Fair	Crown development suppressed from W			10+ Years	C2
Group 13.1		Scots Pine, <i>Pinus sylvestris</i>	Early Mature	<12	<370						Good	Fair	Small group of young pines on upper embankment			20+ Years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Group 13.2		Hawthorn, <i>Crataegus monogyna</i> Common Alder, <i>Alnus glutinosa</i> Goat Willow, <i>Salix caprea</i> European Ash, <i>Fraxinus excelsior</i>	Early Mature	<10	<250						Good	Fair	Sporadic young broadleaves and one mature Goat Willow self seeded on river embankment			10+ Years	C2
SECTOR 14	Carron Central Part 3: S bank of River Carron between Stenhouse Rd & Carron Rd bridges																
Sector Overview	South river embankment and edge of church car-park to south	Mixed broadleaves		<13	<500						Variable	Generally Fair	Sporadic embankment line of varied composition Few specimens of individual merit but good ecological value All Ash sps with symptoms of Chalara Ash Dieback			Variable	Variable
1138		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	11		330, 240,	N:5 E:4 S:5 W:5	2(E)	1.5	Radius: 4.9m. Area: 75 sq m.	Good	Fair	2 co-dominant stems from 0.2m via compression union with stem fusion 0.2-1.5m			20+ Years	C2
1139		European Ash, <i>Fraxinus excelsior</i>	Mature	15		470, 450, 290,	N:7 E:7 S:7 W:8	1.5(E)	1.5	Radius: 8.5m. Area: 227 sq m.	Poor	Fair to Good	3 co-dominant stems from 0.5m via compression union Chalara Ash Dieback			<10 years	C2
1140		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	11	320		N:5 E:4 S:4 W:4	3(NW)	2	Radius: 3.8m. Area: 45 sq m.	Good	Fair to Good	3 co-dominant stems from 3.5m via compression union			20+ Years	C2
1141		Hawthorn, <i>Crataegus monogyna</i>	Mature	6	240		N:4 E:3 S:3 W:3	1(S)	1	Radius: 2.9m. Area: 26 sq m.	Fair	Fair	Multiple deadwoods			20+ Years	C2
1142		Hawthorn, <i>Crataegus monogyna</i>	Mature	6	310		N:5 E:4 S:2 W:2	1.5(S)	1.5	Radius: 3.7m. Area: 43 sq m.	Good	Fair	Crown development suppressed from S Stem inclined to N			10+ Years	C2
1143		European Ash, <i>Fraxinus excelsior</i>	Semi Mature	7	190		N:2 E:3 S:3 W:3	2(S)	1	Radius: 2.3m. Area: 17 sq m.	Poor	Fair	Seedling tree growing out of embankment Chalara Ash Dieback			<10 years	C2
1144		European Ash, <i>Fraxinus excelsior</i>	Mature	13		380, 360, 290,	N:6 E:7 S:6 W:7	1(S)	1	Radius: 7.2m. Area: 163 sq m.	Poor	Fair	3 co-dominant stems from 0m via compression union Multiple points of coarse lopping to branch extensions in lower crown Chalara Ash Dieback			<10 years	C2
1145		European Ash, <i>Fraxinus excelsior</i>	Mature	11		390, 370, 250,	N:6 E:6 S:5 W:6	0(SE)	1	Radius: 7.1m. Area: 158 sq m.	Poor	Fair	3 co-dominant stems from 0m via compression union Multiple points of coarse lopping to branch extensions in lower crown Chalara Ash Dieback			<10 years	C2
1146		Wych Elm, <i>Ulmus glabra</i>	Mature	10		340, 300, 260,	N:6 E:5 S:6 W:5	1.5(W)	1.5	Radius: 6.3m. Area: 125 sq m.	Good	Fair	3 co-dominant stems from 0.5m via compression union Multiple points of coarse lopping to branch extensions in lower crown Branch extensions touching bridge parapet to E			10+ Years	C2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1147		Wych Elm, <i>Ulmus glabra</i>	Early Mature	9	260		N:6 E:5 S:4 W:2	3(N)	2	Radius: 3.1m. Area: 30 sq m.	Good	Fair	Crown development suppressed from S Branch extensions touching bridge parapet to E			<10 years	C2
Group 14.1		Hawthorn, <i>Crataegus monogyna</i>	Mature	<7	<280						Good	Fair to Good	Small group of Hawthorns on footpath to E of Stenhouse Rd bridge			20+ Years	B
Group 14.2		European Ash, <i>Fraxinus excelsior</i> Hawthorn, <i>Crataegus monogyna</i> Common Elder, <i>Sambucus nigra</i>	Mature	<8	<250						Fair	Fair	Linear group of Hawthorn specimens on N edge of church car-park, merging into mixed species cluster at E end			20+ Years	C
SECTOR 15	Carron Central Part 4: N bank of River Carron E of Carron Rd bridge																
Sector Overview	North river embankment	Mixed broadleaves		<13	<800						Fair to Good	Fair	Per group notes (below)			<10 years	C
Group 15.1		Crack Willow, <i>Salix fragilis</i> Wych Elm, <i>Ulmus glabra</i> European Ash, <i>Fraxinus excelsior</i>	Mature	<13	<800						Fair to Good	Fair	Occasional isolated broadleaves on N bank of river Single Ash specimen severely topped, remaining trees in adequate condition			<10 years	C
SECTOR 16a	Carron East Part 1 NW bank of River Carron S of Chapel Burn																
Sector Overview	NW River embankment	Mixed broadleaves		<11	<450						Variable	Variable	Sporadic small trees on sparsely populated section of embankment			20+ Years	Variable
1148		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	11	440		N:5 E:5 S:5 W:4	1(E)	1	Radius: 5.3m. Area: 88 sq m.	Good	Fair to Good	2 co-dominant stems from 1.5m via compression union Viable young specimen			20+ Years	B2
1149		Rowan, <i>Sorbus aucuparia</i>	Early Mature	6	290		N:4 E:5 S:3 W:2	2(N)	2	Radius: 3.5m. Area: 38 sq m.	Good	Fair	2 co-dominant stems from 1.6m via compression union Stem inclined to E			20+ Years	C2
Group 16a.1		Crack Willow, <i>Salix fragilis</i>	Mature	<8	<250						Fair	Fair	Cluster of Willow on riverbank with some undercutting of rootplates			10+ Years	C
Group 16a.2		Common Elder, <i>Sambucus nigra</i> Hawthorn, <i>Crataegus monogyna</i> Silver Birch, <i>Betula pendula</i> European Ash, <i>Fraxinus excelsior</i>	Early Mature	<10	<350						Fair	Fair	Sporadic self seeded trees on riverbank merging to dense cluster at E end Ash sps infected by Chalara Ash Dieback			20+ Years	C
SECTOR 16b	Carron East Part 2 Banks of Chapel Burn																
Sector Overview	North and south embankments of small watercourse	Mixed broadleaves	Early mature/Mature	<15	<500						Variable	Variable	Varied broadleaves on embankments and edge of footpath including several healthy and reasonably-well formed young Sycamores			Variable	Variable

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1150		Goat Willow, <i>Salix caprea</i>	Mature	9		320, 300, 250, 200,	N:5 E:4 S:5 W:6	1(NW)	1	Radius: 6.5m. Area: 133 sq m.	Good	Fair	Multiple co-dominant stems from 1.2m via compression union			20+ Years	B2
1151		Crack Willow, <i>Salix fragilis</i>	Mature	13		230, 220, 200, 200, 200, 170, 150,	N:4 E:6 S:6 W:5	0.5(E)	1	Radius: 6.3m. Area: 125 sq m.	Good	Fair	Multistemmed from ground level			20+ Years	B2
1152		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	11	410		N:5 E:6 S:5 W:6	1.5(W)	1	Radius: 4.9m. Area: 75 sq m.	Good	Fair to Good	Viable specimen in early maturity Minor bark wounds on lower bole			40+ Years	B2
1153		Crab Apple, <i>Malus sylvestris</i>	Mature	4	210		N:3 E:4 S:3 W:3	0.5(S)	1	Radius: 2.5m. Area: 20 sq m.	Good	Fair to Good	Slightly congested crown structure			20+ Years	B2
1154		Common Elder, <i>Sambucus nigra</i>	Mature	5		350, 200,	N:2 E:4 S:3 W:2	0.5(NE)	1	Radius: 4.8m. Area: 72 sq m.	Fair	Fair	Multiple co-dominant stems from 1m via compression union Minor deadwoods			10+ Years	C2
1155		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	12		310, 290, 270,	N:5 E:5 S:5 W:5	1(W)	1	Radius: 6.0m. Area: 113 sq m.	Good	Fair	2 co-dominant stems from 0m via compression union Slightly congested crown structure			20+ Years	B2
1156		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	14		330, 220,	N:4 E:2 S:5 W:6	2(N)	2	Radius: 4.8m. Area: 72 sq m.	Good	Fair	2 co-dominant stems from 1.2m via compression union Crown development suppressed from SE			20+ Years	B2
1157		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	13		350, 280,	N:5 E:5 S:4 W:3	2(N)	2	Radius: 5.4m. Area: 92 sq m.	Good	Fair	2 co-dominant stems from 1m via compression union Crown development suppressed from SE			20+ Years	B2
1158		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	13	320		N:3 E:3 S:5 W:3	1.5(NW)	1	Radius: 5.4m. Area: 92 sq m.	Good	Fair	2 co-dominant stems from 7m via tension union Crown development suppressed from E			20+ Years	B2
1159		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	14		280, 270,	N:5 E:6 S:3 W:5	2(W)	2	Radius: 4.7m. Area: 69 sq m.	Good	Fair	2 co-dominant stems from 0.5m via compression union Crown development slightly suppressed from S			20+ Years	B2
1160		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	14		350, 290, 280,	N:4 E:5 S:7 W:6	1.5(N)	1	Radius: 6.4m. Area: 129 sq m.	Good	Fair	3 co-dominant stems from 0m via compression union Crown development slightly suppressed from NE			20+ Years	B2
1161		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	14		340, 210,	N:5 E:5 S:4 W:2	3.5(W)	3	Radius: 4.8m. Area: 72 sq m.	Good	Fair	2 co-dominant stems from 1m via tension union Crown development slightly suppressed from SW Areas of mechanical bark damage from 0m to 2m			20+ Years	C2
1162		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10		210, 200,	N:2 E:4 S:4 W:3	1.5(SE)	1.5	Radius: 3.5m. Area: 38 sq m.	Fair to Good	Fair to Poor	2 co-dominant stems from 0m via compression union Suppressed/subdominant specimen Minor deadwoods			10+ Years	C2
1163		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	13		300, 260,	N:5 E:6 S:7 W:4	0.5(NW)	1	Radius: 4.8m. Area: 72 sq m.	Good	Fair	2 co-dominant stems from 0m via compression union Crown development suppressed from W Multiple wounds up to 3m from historic pruning to raise clear canopy height			20+ Years	B2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1164		Hawthorn, <i>Crataegus monogyna</i>	Mature	5		260, 240, 200, 160,	N:3 E:4 S:4 W:3	1(W)	0.5	Radius: 5.2m. Area: 85 sq m.	Good	Fair to Good	Multistemmed from ground level			20+ Years	B2
1165		Crack Willow, <i>Salix fragilis</i>	Early Mature	9	220		N:2 E:6 S:7 W:5	0(E)	0	Radius: 3.7m. Area: 43 sq m.	Good	Fair to Poor	Stem inclined to SW over small burn			<10 years	C2
1166		Hawthorn, <i>Crataegus monogyna</i>	Mature	3.5		220, 140,	N:2 E:2 S:2 W:2	0.5(S)	0.5	Radius: 3.1m. Area: 30 sq m.	Good	Fair to Good	2 co-dominant stems from 0.5m via compression union			20+ Years	B2
1167		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	13		340, 310,	N:6 E:8 S:6 W:3	2(N)	1	Radius: 5.5m. Area: 95 sq m.	Good	Fair	2 co-dominant stems from 1.4m via compression union Crown development suppressed from W			20+ Years	B2
1168		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	12		360, 290, 280, 210,	N:6 E:6 S:9 W:4	1.5(E)	1	Radius: 7.0m. Area: 154 sq m.	Good	Fair	Multiple co-dominant stems from 0.7m via compression union Crown development slightly suppressed from NW			20+ Years	B2
1169		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	12		370, 300,	N:7 E:5 S:6 W:5	2.5(N)	1	Radius: 5.7m. Area: 102 sq m.	Good	Fair to Poor	2 co-dominant stems from 1.2m via compression union W co-leader terminated at 1.4m with decaying stump			10+ Years	C2
1170		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	12	480		N:5 E:6 S:6 W:5	1.5(N)	1	Radius: 5.8m. Area: 106 sq m.	Good	Fair	Multiple co-dominant stems from 1.5m via compression union, pollard regeneration			20+ Years	C2
1171		Sycamore, <i>Acer pseudoplatanus</i>	Mature	13		380, 350, 320,	N:6 E:6 S:6 W:6	2(NE)	2	Radius: 7.3m. Area: 167 sq m.	Good	Fair	3 co-dominant stems from 1m via compression union			20+ Years	B2
1172		Goat Willow, <i>Salix caprea</i>	Mature	9		450, 390,	N:6 E:5 S:6 W:5	1(N)	1	Radius: 7.1m. Area: 158 sq m.	Good	Fair	2 co-dominant stems from 1m via compression union Minor deadwoods			10+ Years	C2
Group 16b.1		Hawthorn, <i>Crataegus monogyna</i>	Mature	<7	<250						Good	Fair to Good	Small cluster on edge of burn			20+ Years	B
SECTOR 16c Carron East	Carron East Part 3 NW bank of River Carron N of Chapel Burn																
Group 16c.1		Common Elder, <i>Sambucus nigra</i> Hawthorn, <i>Crataegus monogyna</i>	Mature	<5	<250						Fair	Fair	Small cluster of Elder and Hawthorn in adequate condition			10+ Years	C
SECTOR 17a	Carron House Part 1 N bank of River Carron																
Sector Overview	Riparian line on north embankment	Sycamore, <i>Acer pseudoplatanus</i> European Ash, <i>Fraxinus excelsior</i>		<12	<500						Variable	Variable	Generally modest young broadleaves on river embankment All Ash sps with symptoms of Chalara Ash Dieback			Variable	Variable
1173		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10	490		N:5 E:7 S:6 W:7	0(S)	0	Radius: 5.9m. Area: 109 sq m.	Good	Fair	Crown development suppressed from N			20+ Years	B2
1174		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10	390		N:3 E:7 S:6 W:6	0.5(SW)	1	Radius: 4.7m. Area: 69 sq m.	Good	Fair	Crown development substantially suppressed from N			20+ Years	B2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1175		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10		310, 220, 190, 180,	N:2 E:7 S:6 W:7	0.5(W)	0.5	Radius: 5.5m. Area: 95 sq m.	Good	Fair	Multiple co-dominant stems from 0.5m via compression union Crown development substantially suppressed from N			10+ Years	C2
1176		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	11		330, 320,	N:3 E:7 S:5 W:5	0(S)	0	Radius: 5.5m. Area: 95 sq m.	Good	Fair	Crown development suppressed from N 2 co-dominant stems from 0.6m via compression union Minor deadwoods			10+ Years	C2
1177		European Ash, <i>Fraxinus excelsior</i>	Early Mature	7	240		N:1 E:4 S:5 W:4	2(S)	1.5	Radius: 2.9m. Area: 26 sq m.	Poor	Fair to Poor	Crown development substantially suppressed from N Chalara Ash Dieback			<10 years	C2
1178		European Ash, <i>Fraxinus excelsior</i>	Semi Mature	8	190		N:3 E:4 S:3 W:2	0(SE)	1	Radius: 2.3m. Area: 17 sq m.	Poor	Fair	Chalara Ash Dieback Smaller Ash seedlings surrounding			<10 years	C2
1179		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10		300, 280, 260, 180,	N:2 E:4 S:5 W:6	0(SE)	1	Radius: 6.2m. Area: 121 sq m.	Fair to Good	Fair	Multistemmed coppice regeneration Crown development suppressed from N			10+ Years	C2
1180		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10	350		N:1 E:3 S:5 W:4	0.5(NW)	1	Radius: 4.2m. Area: 55 sq m.	Fair	Fair	Crown development substantially suppressed from N 2 co-dominant stems from 3m via compression union Minor deadwoods			10+ Years	C2
1181		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	12		360, 340, 260, 230,	N:3 E:5 S:5 W:5	0(NE)	1	Radius: 7.3m. Area: 167 sq m.	Good	Fair	Multistemmed coppice regeneration Crown development suppressed from N			20+ Years	C2
SECTOR 17b	Carron House Part 2 Driveway/Track to S of Carron House																
Sector Overview	Driveway/track to S of Carron House	Mixed broadleaves	Mature	<19	<600						Variable	Variable	Substantial Avenue specimens Limes generally in good health Sycamores presenting some degree of depleted foliation Assessment of many specimens severely restricted by dense Ivy and epicormic growths (on Limes)			Variable	Variable
1182		Common Lime, <i>Tilia x europaea</i>	Mature	17	550		N:6 E:7 S:6 W:5	4(E)	3	Radius: 6.6m. Area: 137 sq m.	Good	Fair	Dense basal epicormic growths Dense Ivy infesting stem and crown			40+ Years	A2
1183		Sycamore, <i>Acer pseudoplatanus</i>	Mature	14	330		N:2 E:6 S:5 W:5	3(N)	2.5	Radius: 4.0m. Area: 50 sq m.	Good	Fair	Dense Ivy infesting stem and crown			20+ Years	B2
1184		Common Lime, <i>Tilia x europaea</i>	Mature	17	600		N:3 E:7 S:7 W:6	3(E)	2.5	Radius: 7.2m. Area: 163 sq m.	Good	Fair	Dense basal epicormic growths Dense Ivy infesting stem and crown			40+ Years	A2
1185		Common Lime, <i>Tilia x europaea</i>	Mature	17	600		N:6 E:6 S:5 W:5	3(NW)	3	Radius: 7.2m. Area: 163 sq m.	Good	Fair	Dense basal epicormic growths Dense Ivy infesting stem and crown			40+ Years	A2

Tree Reference Number	Location	Species, <i>Taxa</i>	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1186		Sycamore, <i>Acer pseudoplatanus</i>	Mature	10	480		N:0 E:4 S:9 W:4	3(S)	3	Radius: 5.8m. Area: 106 sq m.	Fair to Poor	Fair to Poor	Crown development severely suppressed from W 2 co-dominant stems from 2m via tension union Multiple deadwoods Dense Ivy infesting stem and crown			10+ Years	C2
1187		Sycamore, <i>Acer pseudoplatanus</i>	Mature	10	720		N:5 E:3 S:7 W:5	4.5(NW)	4.5	Radius: 8.6m. Area: 232 sq m.	Fair to Poor	Fair to Poor	Vigour substantially depleted Dense Ivy infesting stem and crown			<10 years	C2
1188		Sycamore, <i>Acer pseudoplatanus</i>	Mature	16	950		N:7 E:9 S:8 W:6	4(SE)	3	Radius: 11.4m. Area: 408 sq m.	Fair to Poor	Fair to Poor	Vigour substantially depleted Exceptionally dense Ivy infesting stem and crown			<10 years	C2
1189		Common Lime, <i>Tilia x europaea</i>	Mature	9	380		N:6 E:6 S:5 W:4	3(S)	2	Radius: 4.6m. Area: 66 sq m.	Fair	Fair to Poor	Suppressed/subdominant specimen Dense basal epicormic growths Dense Ivy infesting stem and crown			20+ Years	C2
1190		Common Lime, <i>Tilia x europaea</i>	Mature	16	440		N:6 E:5 S:5 W:6	1.5(E)	2	Radius: 5.3m. Area: 88 sq m.	Fair to Good	Fair to Good	2 co-dominant stems from 5m via tension union Dense Ivy infesting stem and crown Minor deadwoods Dense basal epicormic growths			40+ Years	A2
1191		Common Lime, <i>Tilia x europaea</i>	Mature	19	620		N:8 E:7 S:7 W:7	4(S)	3	Radius: 7.4m. Area: 172 sq m.	Good	Good	2 co-dominant stems from 6m via compression union Dominant specimen within grouping Ivy infesting stem and crown Light basal epicormic growths			40+ Years	A2
1192		Common Lime, <i>Tilia x europaea</i>	Mature	18	600		N:7 E:6 S:7 W:5	3(E)	3	Radius: 7.2m. Area: 163 sq m.	Good	Fair to Good	Crown development slightly suppressed from N 2 co-dominant stems from 5m via compression union Dense basal epicormic growths Dense Ivy infesting stem and crown			40+ Years	A2
1193		Common Lime, <i>Tilia x europaea</i>	Mature	16	520		N:6 E:6 S:6 W:3	3.5(N)	2.5	Radius: 6.2m. Area: 121 sq m.	Good	Fair	Crown development suppressed from W Dense basal epicormic growths Dense Ivy infesting stem and crown 2 co-dominant stems from 5m via tension union			40+ Years	A2
1194		Common Lime, <i>Tilia x europaea</i>	Mature	12	370		N:7 E:3 S:5 W:4	2.5(SW)	2	Radius: 4.4m. Area: 61 sq m.	Good	Fair	Crown development substantially suppressed from S Dense basal epicormic growths Dense Ivy infesting stem and crown			20+ Years	B2
1195		Common Lime, <i>Tilia x europaea</i>	Mature	20	480		N:4 E:4 S:8 W:6	5(S)	3	Radius: 5.8m. Area: 106 sq m.	Good	Good to Fair	Crown development slightly suppressed from N Light basal epicormic growths Dense Ivy infesting stem and crown			40+ Years	A2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1196		Common Lime, <i>Tilia x europaea</i>	Mature	18	550		N:5 E:6 S:8 W:4	2.5(W)	2.5	Radius: 6.6m. Area: 137 sq m.	Good	Fair to Good	Crown development slightly suppressed from N 2 co-dominant stems from 6m via tension union Dense basal epicormic growths Dense lvy infesting stem and crown			40+ Years	A2
1197		Common Lime, <i>Tilia x europaea</i>	Mature	18	480		N:7 E:5 S:7 W:4	3.5(N)	3	Radius: 5.8m. Area: 106 sq m.	Good	Fair	2 co-dominant stems from 3.5m via tension union Crown development slightly suppressed from N Dense basal epicormic growths			40+ Years	A2
1198		Common Lime, <i>Tilia x europaea</i>	Mature	21	500		N:7 E:5 S:8 W:4	3(S)	3	Radius: 6.0m. Area: 113 sq m.	Good	Fair to Good	Dominant specimen within grouping Dense basal epicormic growths Dense lvy infesting stem and crown			40+ Years	A2
1199		Common Lime, <i>Tilia x europaea</i>	Mature	19	420		N:10 E:6 S:5 W:5	5(N)	5	Radius: 5.0m. Area: 79 sq m.	Good	Fair	Crown development substantially suppressed from S with stem bowed to N Multiple deadwoods Light lvy infesting stem and crown			20+ Years	B2
Group 17b.1		Common Holly, <i>Ilex aquifolium</i> European Ash, <i>Fraxinus excelsior</i>	Early Mature	<14	<220						Good	Fair	Vigorous and unmaintained Holly hedge with occasional invading broadleaf trees			20+ Years	B
SECTOR 17c	Carron House Part 3 Parkland trees																
Sector Overview	Within defined area of Carron House parkland	Varied broadleaves plus one conifer	Early mature/Mature	<24	<1250						Variable	Variable	Major parkland specimens - many with significant structural defects but all of very high amenity and cultural value Also several more modest specimens including smaller/younger broadleaves			Variable	Variable
1200		Sycamore, <i>Acer pseudoplatanus</i>	Mature	24	880		N:5 E:9 S:10 W:12	5(W)	4	Radius: 10.6m. Area: 353 sq m.	Good	Fair	Major parkland specimen Crown development slightly suppressed from N 3 co-dominant stems from 4-7m via compression union Dense lvy infesting stem and crown Basal cavity with degraded tissue extending to 30% of stem diameter			40+ Years	A1
1201		Sycamore, <i>Acer pseudoplatanus</i>	Mature	24	710		N:10 E:8 S:7 W:6	3(E)	5	Radius: 8.5m. Area: 227 sq m.	Good	Fair	Parkland specimen Crown development suppressed from S Multiple wounds up to 8m from historic pruning to raise clear canopy height Multiple deadwoods			40+ Years	A1

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1202		Sycamore, <i>Acer pseudoplatanus</i>	Mature	21	740		N:10 E:8 S:6 W:8	4.5(E)	2.5	Radius: 8.9m. Area: 249 sq m.	Good	Fair to Good	Major parkland specimen Crown development slightly suppressed from SW 2 co-dominant stems from 12m via tension union Multiple wounds up to 6m from historic pruning to raise clear canopy height Wire attachments embedded in lower bole			40+ Years	A1
1203		Common Holly, <i>Ilex aquifolium</i>	Early Mature	10		170, 150, 120, 120,	N:5 E:5 S:5 W:5	0(N)	0.5	Radius: 3.4m. Area: 36 sq m.	Good	Fair	Multistemmed coppice regeneration			20+ Years	B2
1204		Common Holly, <i>Ilex aquifolium</i>	Early Mature	10		180, 170, 160, 140, 140,	N:5 E:5 S:2 W:4	0(N)	0.5	Radius: 4.3m. Area: 58 sq m.	Good	Fair	Multistemmed coppice regeneration			20+ Years	B2
1205		Sycamore, <i>Acer pseudoplatanus</i>	Mature	24	120		N:8 E:8 S:9 W:9	3.5(W)	2.5	Radius: 1.4m. Area: 6 sq m.	Good	Good	Major parkland specimen Good upright form 2 co-dominant stems from 5m via tension union Minor deadwoods and fracture points			40+ Years	A1
1206		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10	460		N:7 E:6 S:6 W:7	2.5(N)	2	Radius: 5.5m. Area: 95 sq m.	Fair	Fair	2 co-dominant stems from 1.6m via compression union with water pocket Extensive squirrel bark damage			10+ Years	C2
1207		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10	440		N:6 E:6 S:5 W:5	1.5(E)	2	Radius: 5.3m. Area: 88 sq m.	Fair	Fair	2 co-dominant stems from 2m via compression union Extensive squirrel bark damage Multiple wounds up to 3m from historic pruning to raise clear canopy height			10+ Years	C2
1208		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	10	360		N:4 E:5 S:5 W:4	2.5(E)	1.5	Radius: 4.3m. Area: 58 sq m.	Fair	Fair	Extensive squirrel bark damage Multiple wounds up to 2.5m from historic pruning to raise clear canopy height			10+ Years	C2
1209		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	11		400, 160, 140,	N:6 E:5 S:6 W:5	2(S)	1.5	Radius: 5.4m. Area: 92 sq m.	Fair	Fair	Extensive squirrel bark damage 3 co-dominant stems from 0m via compression union			10+ Years	C2
1210		Sycamore, <i>Acer pseudoplatanus</i>	Early Mature	8	210		N:4 E:3 S:4 W:3	0(N)	1	none - due to Retention Category of U.	Poor	Poor	Extensive squirrel bark damage			0 Years	U
1211		Cedar of Lebanon, <i>Cedrus libani</i>	Mature	14	850		N:10 E:7 S:9 W:9	3.5(SW)	2.5	Radius: 15.0m. Area: 707 sq m.	Good	Fair	Major parkland specimen 2 co-dominant stems from 0m via compression union, W co-leader failed and reduced to 1m stump			40+ Years	A1
1212		Sycamore, <i>Acer pseudoplatanus</i>	Mature	22	1350		N:6 E:9 S:12 W:12	4(SE)	2	Radius: 15.0m. Area: 707 sq m.	Good	Fair	Major parkland specimen Crown development slightly suppressed from N 2 co-dominant stems from 7m via tension union Major descending bole cavities at 0-3m with internal decay to 60% of bole diameter			40+ Years	A1

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
1213		Sweet Chestnut, <i>Castanea sativa</i>	Over Mature	13	1770		N:8 E:7 S:5 W:7	2.5(W)	2	Radius: 15.0m. Area: 707 sq m.	Fair	Fair to Poor	Major veteran parkland specimen with engrossed bole Extensive fracture points and areas of dieback Multiple points of coarse lopping to branch extensions in lower crown up to 3m			20+ Years	A1
1214		Tulip Tree, <i>Liriodendron tulipifera</i>	Mature	21	1100		N:7 E:8 S:9 W:5	4(S)	2	Radius: 13.2m. Area: 547 sq m.	Good	Fair	Major parkland specimen 2 co-dominant stems from 1.2m via compression union Major decay cavity in E co-leader with descending decay column Multiple deadwoods			20+ Years	A1
1215		Variegated Holly, <i>Ilex x altaclerensis</i> 'Golden King'	Mature	9	440		N:4 E:4 S:4 W:5	0(NE)	0	Radius: 5.3m. Area: 88 sq m.	Good	Fair	Originally a variegated specimen now 90% dominated by reversion growth			40+ Years	B2
1216		English Oak, <i>Quercus robur</i>	Mature	21	1050		N:6 E:8 S:9 W:9	2.5(NW)	2	Radius: 12.6m. Area: 499 sq m.	Good	Fair to Good	Major parkland specimen 2 co-dominant stems from 4m via tension union Minor deadwoods			40+ Years	A1
1217		English Oak, <i>Quercus robur</i>	Mature	20	900		N:8 E:7 S:6 W:11	6(SW)	2	Radius: 10.8m. Area: 366 sq m.	Good	Fair	Major parkland specimen Crown development slightly suppressed from SE Multiple deadwoods			40+ Years	A1
1218		Common Holly, <i>Ilex aquifolium</i>	Mature	8		290, 190, 180,	N:4 E:5 S:4 W:4	0(SE)	0.5	Radius: 4.7m. Area: 69 sq m.	Good	Fair	Multi-stemmed specimen growing out of base of garden wall			10+ Years	C2
1219		European Ash, <i>Fraxinus excelsior</i>	Early Mature	10	260		N:4 E:4 S:4 W:5	2(NW)	1	Radius: 3.1m. Area: 30 sq m.	Poor	Fair	Symptoms of Chalara Ash Dieback present			<10 years	C2
1220		European Ash, <i>Fraxinus excelsior</i>	Early Mature	11	320		N:4 E:4 S:3 W:5	3(SW)	2.5	Radius: 3.8m. Area: 45 sq m.	Poor	Fair	Symptoms of Chalara Ash Dieback present			<10 years	C2
1221		Hawthorn, <i>Crataegus monogyna</i>	Mature	11	350		N:3 E:6 S:5 W:5	1(N)	1	Radius: 4.2m. Area: 55 sq m.	Good	Fair	Self-seeded at base of garden wall			10+ Years	C2
1222		Common Lime, <i>Tilia x europaea</i>	Mature	21	950		N:10 E:6 S:7 W:7	2(W)	1.5	Radius: 11.4m. Area: 408 sq m.	Good	Good	Major parkland specimen 3 co-dominant stems from 5-6m via compression union Minor deadwoods Light basal epicormic growths			40+ Years	A1
1223		Common Holly, <i>Ilex aquifolium</i>		12		260, 210, 180,	N:6 E:5 S:6 W:3	2(E)	0	Radius: 4.6m. Area: 66 sq m.	Good	Fair	3 co-dominant stems from 0m via compression union Specimen at E end of holly hedge line, representative of other specimens in hedge			40+ Years	B2
1224		Silver Birch, <i>Betula pendula</i>	Mature	17	830		N:7 E:6 S:6 W:9	3(E)	2	Radius: 10.0m. Area: 314 sq m.	Good	Fair to Good	Parkland specimen 2 co-dominant stems from 3m via compression union Minor deadwoods			10+ Years	B2
1225		Lawsons Cypress, <i>Chamaecyparis lawsoniana</i>	Mature	14	950		N:6 E:3 S:5 W:7	1.5(N)	1.5	Radius: 11.4m. Area: 408 sq m.	Fair to Good	Poor	Parkland specimen Major fracture points on lower bole 0-4.5m with extensive decaying tissue			<10 years	C2

Tree Reference Number	Location	Species, Taxa	Age Class	Height (m)	Stem Diameter (mm)	Constituent Stem Diameter of Multistem sps (mm)	Crown Spread (m)	Height (m) & Direction of Lowest Branch	Crown Clearance (m)	Root Protection Area	Physiological Condition	Structural Condition	Condition Notes	Preliminary Management Recommendations	Timeframe for Recommended Works	Estimated Remaining Contribution	BS5837 Retention Category
Group 17c.1		European Ash, <i>Fraxinus excelsior</i>	Early Mature	<12	<320						Poor	Fair	Self seeded young specimens at base of garden wall all infected with Chalara Ash Dieback			<10 years	C2



Alan Motion Tree Consulting Ltd
Chartered Forester, Arboricultural Consultant



Tree Survey

ZETLAND PARK, GRANGEMOUTH

For

FALKIRK COUNCIL

04 September 2018



www.alanmotion.co.uk

Fairlie House, Main Street, Buchlyvie, Stirling FK8 3LX

T: 01360 850534 ● Mob: 07866 389284 ● E: alan@alanmotion.co.uk

Director: Alan R Motion MBE, BScFor, FICFor, CEnv, MArborA. Reg No SC396461

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1. GENERAL INTRODUCTION

- 1.1. Alan Motion Tree Consulting Ltd has been instructed to carry out a tree survey for Falkirk Council, in relation to the health and condition of trees on land at Zetland Park, Grangemouth. The park is the subject of a Round 2 application to the Heritage Lottery Fund, and this document is part of supporting information in that process. The report relates to 735 trees and groups shown on the plan appended to this document. The report describes the extent and condition of tree cover within the site, and describes the population diversity in terms of species distribution, age class, overall tree condition, and management opportunities/threats.
- 1.2. The survey has been carried out following the guidance contained in BS5837:2012 "Trees in relation to design, demolition and construction – Recommendations", and follows the guidance and procedures outlined in the National Tree Safety Group publication "Common sense risk management of trees." Where specific risks and hazards have been identified, recommendations are provided for mitigation.

2. STANDARD CONDITIONS RELATING TO TREE SURVEYS

- 2.1. Unless otherwise stated, tree surveys are undertaken from ground level using established visual assessment methodology. The inspection is designed to determine the following:
- 2.1.1. The presence of fungal disease in the root, stem, or branch structure that may give rise to a risk of structural failure of part or all of the tree;
 - 2.1.2. The presence of structural defects, such as root heave, cavities, weak forks, hazard beams, included bark, cracks, and the like, that may give rise to a risk of structural failure of part or all of the tree;
 - 2.1.3. The presence of soil disturbance, excavations, infilling, compaction, or other changes in the surrounding environment, such as adjacent tree removal or

erection of new structures, that may give rise to a risk of structural failure of part or all of the tree;

2.1.4. The presence of the foregoing or any other factor not specifically referred to, which may give rise to a decline or death of the tree.

2.1.5. The presence of surrounding structures, roads, footpaths, utilities, boundaries and the like where growth of the tree may present a hazard or nuisance.

2.2. Where further investigation is required, either by climbing or the use of specialised decay detection equipment, this will be identified in the report.

2.3. The findings and recommendations contained within this report are valid for a period of twelve months. Trees are living organisms subject to change - it is strongly recommended that they are inspected at regular intervals for reasons of safety.

2.4. Whilst every effort has been made to detect defects within the trees inspected, no guarantee can be given as to the absolute safety or otherwise of any individual tree. Extreme climatic conditions can cause damage to apparently healthy trees.

2.5. The findings and recommendations contained within this report are based on the current site conditions. The construction of roads, buildings, service wayleaves, removal of shelter, and alterations to established soil moisture conditions can all have a detrimental effect on the health and stability of retained trees. Accordingly, a re-inspection of retained trees is recommended where site conditions are altered.

2.6. This report has been prepared for the sole use of Falkirk Council. Any third party referring to this report or relying on information contained within it does so entirely at their own risk.

3. GENERAL DESCRIPTION

3.1. The site is located in the centre of the town of Grangemouth and lies to the east of the B9132 Abbots Road. The Grange Burn flows in a man-made channel between the park and the road. Grangemouth Sports Complex lies to the south-west of the park. Flatted

residential properties lie to the south along Kingseat Avenue, and the eastern boundary is marked by Bowhouse Road, Abbotsgrange Road and Drummon Place.

- 3.2. The park is almost uniformly level, with a formal entrance at the north end adjacent to the cenotaph and gate piers, with a paved entrance and fountain. Several small ornamental trees and shrubs are present around the cenotaph. From this entrance, formal paths lead south, along east and west boundaries, lined with mature lime trees which dominate the tree cover across the site and create a strong sense of enclosure. The limes extend along both sides of the Grange Burn to the east, on raised banks, created as flood defences at the time the burn was straightened.
- 3.3. The park was originally laid out in the early 1880s and opened in 1882, but the main period of development occurred during the early 1920s, which saw the erection of the War Memorial, a swimming pool, bandstand and the bowling green. The paddling pool was constructed in 1931. Following the Second World War, land to the south was added, together with a new pumping station to alleviate problems of flooding. The age of the limes (and the majority of other tree species) suggest that they were planted as part of this later period of park development in the early 1950s.
- 3.4. The only older trees within the park are located in the area known as the Orchard, which lies to the west of the paddling pool. This area is shown on the 1st Edition Ordnance Survey maps (surveyed in 1855-60) as an irregular enclosure within an earth bank. Several of the large, mature sycamore trees here probably date from prior to the original park formation.
- 3.5. More recent tree planting has been carried out, most notably an avenue of fastigiated hornbeams extending east from the play area; and a row of newly-planted field maples running east-west immediately south of the pumping station.

4. TREE SURVEY AND ANALYSIS

4.1. A visual assessment has been carried out from the ground level of 735 trees and groups within the site. The location of the trees is plotted on the attached Tree Survey Plans, and their condition and any recommended remedial works are recorded in detail in Table 2 attached at the end of this document. This records relevant details in accordance with the recommendations contained in BS 5837:2012, and includes:

- Tree number (Tree tag number where used, or plan reference number)
- Tree species (common name)
- Stem diameter at breast height (1.5m above ground level)
- Canopy spread in metres (average)
- Tree height (estimate in metres)
- Crown height (clearance to lowest branches in metres)
- Tree Condition Category (see Table 1)
- General condition (good, fair, poor, dying, dead)
- Age (Young, Early-mature, middle-aged, mature, over-mature, veteran)
- Target (surrounding features at risk)
- Hazard
- Priority for remedial action
- Estimated Remaining Contribution in years
- Comments and observations on the overall health and condition of the tree, highlighting any problems or defects
- Recommended remedial works, where necessary

4.2. Where appropriate, recommendations have been made on necessary remedial action such as tree surgery or felling. This is specified where there is likely to be significant risk to safety or tree health, or to abate a nuisance. The recommendations are general in nature and do not constitute a detailed work specification. Specifications, where required, can be provided to accord with the guidance and recommendations contained

in BS3998:2010, "Tree work – Recommendations." Any recommendations are made on the basis that they are undertaken by a suitably qualified arboricultural contractor.

4.3. The trees have been tagged with round 4-digit tags ranging from 5001-5730.

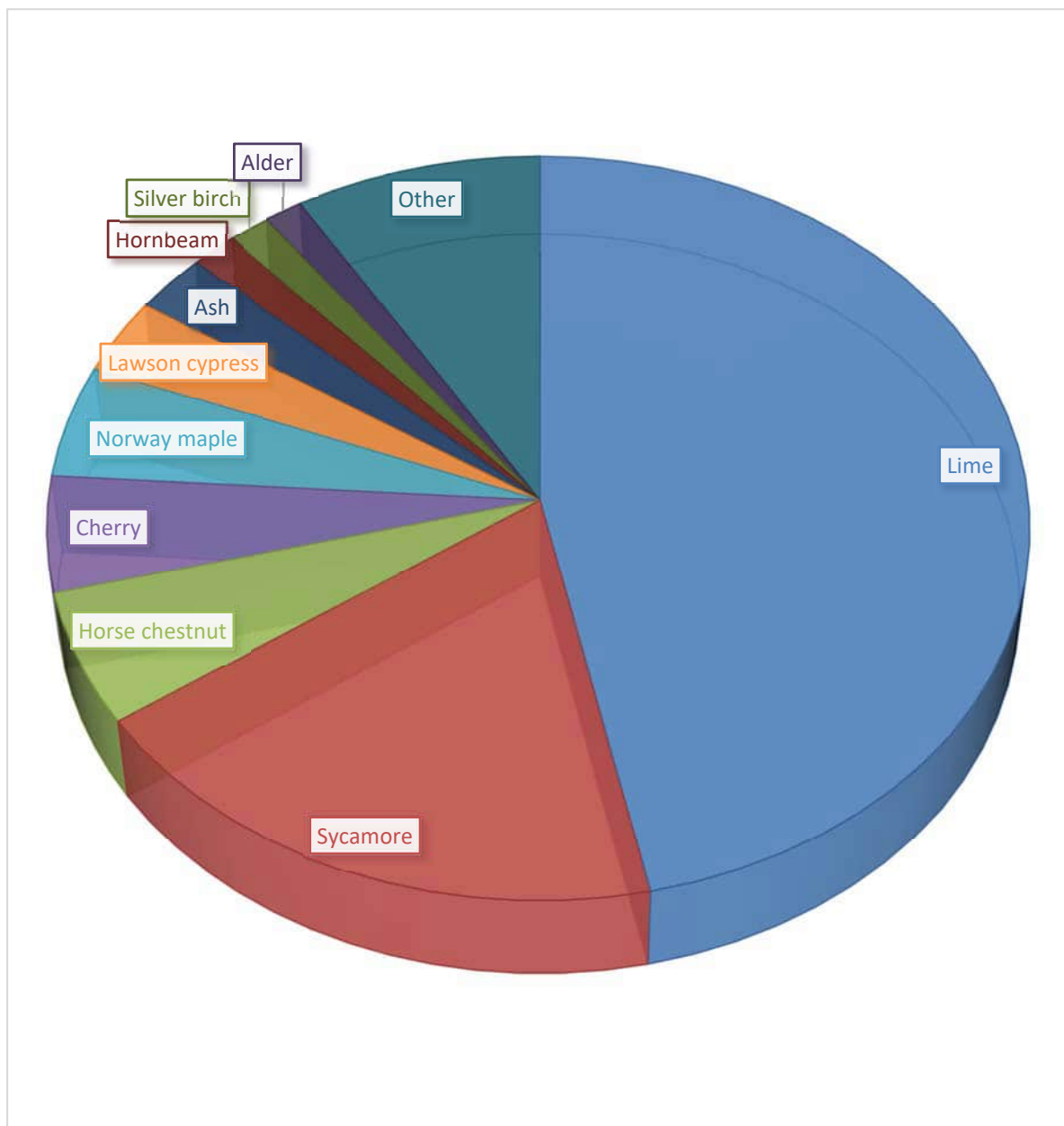
5. ESTIMATED REMAINING CONTRIBUTION IN YEARS (ERC)

5.1. The survey schedule identifies an Estimated Remaining Contribution (ERC) in years for each tree. This is a subjective assessment of the number of years that the tree can be expected to survive without deteriorating to the extent that safety is compromised. ***It is extremely important to note that this does not in any way suggest that regular inspection and remedial work can be ignored.*** ERCE does not take into account routine management that will be required to deal with minor structural or cultural problems, or damage that may arise from climatic or other physical intervention. The ERC value given for each tree reflects the following opinion based on current tree condition and environmental considerations:

- 0 Tree is dead
- <10. The tree has very limited future prospects, due to terminal decline or major structural problems. Its removal should be planned for within the next 10 years, unless more immediate removal is recommended.
- 10-20 The tree has obvious structural or cultural problems that cannot be rectified, and decline is likely to continue. Removal or major tree surgery work may be necessary within 20 years. Or the species is approaching its normal life expectancy and decline due to senescence can be expected within this timeframe.
- 20-40 Relatively minor defects exist that are likely to increase safety risks or general tree health over a long period of time. At this stage it is impossible to fully predict the impact of such defects. Or the species is approaching its normal life expectancy and decline due to senescence can be expected within this timeframe.
- >40 There are currently no health or structural problems evident and the tree can be expected to survive safely for 40 or more years.

6. POPULATION DESCRIPTION

6.1. The dominant species within the park is common lime (43%), with sycamore also widespread (19%). A total of 43 different species are present, with 22 of these represented by 5 specimens or fewer.



- 6.2. The vast majority of the trees are less than 60 years of age, and almost 90% are categorised as condition A or B. 11 trees are identified as condition category U. Overall, tree condition is very good and the population as a whole is very robust.
- 6.3. One slight concern is the over-dominance of two species (lime and sycamore), although neither is particularly prone to known pathogens. The introduction of more species diversity in the longer-term is desirable.
- 6.4. Both horse chestnut (6% of the population) and ash (2.5%) have a limited future due to known pathogens. Chalara ash dieback is expected to cause devastating losses in the ash population, and no practical control measures are currently available. Some older trees may be able to survive, albeit with significant impact to the crowns, but younger trees are unlikely to survive to maturity. Horse chestnut is prone to infection from bleeding canker, a disease which results in death of bark and main branches, leading to trees becoming unsafe. Again, there is no practical remedial action, other than vigilance. Some horse chestnuts currently show evidence of infection, so gradual removal of the species can be expected.
- 6.5. There is a noticeable absence of evergreen cover within the park. Conifers are limited largely to specimens of Lawson cypress, most of which are of average or lower quality. The introduction of specimen conifers may be considered.
- 6.6. Of remaining species, there are two impressive specimens of Tulip tree to the south of the cenotaph. It is unusual to see this species of such size (and flowering) at this latitude. There are also 5 specimens of London plane which have the potential to achieve significant size and longevity. They are generally considered to be at their limit of range, but climate change may make the species a suitable choice for future, large-sized specimens.

7. RECOMMENDATIONS

- 7.1. The survey schedule includes recommended remedial work where specific defects have been identified.

- 7.2. 8 trees are in poor condition or dead and are identified for felling.
- 7.3. Two large sycamores (tag number 5348, 5407) have significant basal decay. They require crown reduction to limit the potential for stem failure.
- 7.4. Other defects noted commonly include dead wood, limited areas of damage or decay in main stems or scaffold limbs, and structural defects such as included bark forming a weak fork. Appropriate remedial work is specified where there is a risk of damage or injury.
- 7.5. Where defects are not a serious safety concern at the present time, recommendations have been made for follow-up inspections, with an appropriate time interval specified.
- 7.6. All work should be undertaken in accordance with the recommendations contained in BS3998:2010, Tree Work - Recommendations, and the Arboricultural Association Specification for Tree Work, 1997, as minimum requirements.




TABLE 1 BS 5837:2012 TREE CATEGORISATION				
Category and definition	Criteria			Identification on plan
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years	<ul style="list-style-type: none">  Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other U Category trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning)  Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline  Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality NOTE : <i>Category U trees can have existing or potential conservation value which it might be desirable to preserve.</i>			Red
TREES TO BE CONSIDERED FOR RETENTION				
Category and definition	Criteria – Subcategories			Identification on plan
	1 Mainly arboricultural values	2 Mainly landscape values	3 Mainly cultural values, including conservation	
Category A Trees of high quality with an estimated remaining life expectancy of 40 years	Trees that are particularly good examples of their species, especially if rare or unusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural features and/or landscape features.	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	Green
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in Category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention beyond 40 years; or trees lacking the special quality necessary to merit the Category A designation	Trees present in numbers, usually as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality.	Trees with material conservation or other cultural value	Blue
Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them a greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value	Grey

TABLE 2 TREE SURVEY SCHEDULE

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5001	Sycamore	0.60	6	8	6	3	13	1	A1	Good	M	1	>40				Naturally imbalanced crown E	
5002	Sycamore	0.42	5	3	9	6	14	2	B1	Fair	E-M	1	>40				Minor crown lifting wounds	
5003	Sycamore	0.43	5	3	8	6	14	3	A1	Good	E-M	1	>40					
5004	Sycamore	0.45	4	4	7	7	14	3	B1	Fair	M	1	>40				Minor crown lifting wounds. Good triple compression forks with included bark	
5005	Sycamore	0.34	5	5	5	5	13	3	B1	Fair	E-M	1	20 to 40				Minor crown lifting wounds	
5006	Sycamore	0.31	5	5	5	5	12	3	B1	Fair	E-M	1	>40				Minor crown lifting wounds	
5007	Sycamore	0.43	6	3	7	6	13	3	B1	Fair	M	1	>40				Minor unoccluded crown lifting wounds	
5008	Sycamore	0.38	3	6	8	8	13	2	B1	Fair	M	1	>40				Minor unoccluded crown lifting wounds. minor crossing branch at 4m	
5009	Sycamore	0.38	6	5	7	8	12	2	B1	Fair	E-M	1	>40				Large unoccluded crown lifting wounds	
5010	Sycamore	0.43	5	7	7	6	13	2	C1	Fair	M	1	10 to 20				Major girdling roots. Large stem cavity. naturally imbalanced crown away from targets.	
5011	Sycamore	0.50	7	5	7	7	13	3	A1	Good	M	1	>40					
5012	Sycamore	0.45	6	8	6	6	14	2	B1	Fair	E-M	1	20 to 40				Large fresh tear wound at 2.5m.	
5013	Sycamore	0.45	6	5	6	3	15	3	B1	Fair	M	1	>40				Twin stemmed from good compression fork with included bark at 3m.	
5014	Sycamore	0.33	5	6	3	4	13	3	B1	Good	E-M	1	>40				Twin stemmed from 2m.	
5015	Sycamore	0.41	5	6	4	3	14	2	B1	Good	E-M	2	>40				Twin stemmed from good basal compression fork with included bark. Small branches rubbing on flagpole.	
5016	Sycamore	0.30	7	7	5	4	13	3	B1	Fair	E-M	1	>40				Triple stemmed from good compression forks with included bark at 2m. numerous poor crown lifting wounds	
5017	Sycamore	0.45	7	7	7	7	13	3	B1	Fair	M	1	>40				Numerous poor crown lifting wounds	
5018	Sycamore	0.35	5	3	5	3	13	3	B1	Fair	E-M	1	>40				Triple stemmed by 2m.	
5019	Sycamore	0.35	7	7	7	7	13	3	B1	Fair	E-M	1	>40					

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5020	Common lime	0.50	7	6	7	6	13	2	B1	Fair	E-M	1	>40				Decurrent	
5021	Common lime	0.37	5	5	5	5	14	2	C1	Fair	E-M	1	10 to 20				Large stem abrasion	
5022	Sycamore	0.36	6	6	6	6	13	3	B1	Fair	E-M	1	>40				Twin stemmed by 2. 5m. poor unoccluded crown lifting wounds	
5023	Sycamore	0.60	8	8	6	6	14	3	B1	Fair	M	1	>40				Numerous poor crown lifting wounds	
5024	Sycamore	0.29	4	2	5	4	13	4	B1	Fair	S-M	1	20 to 40				Initial lean E self-corrected, minor small diameter deadwood	
5025	Common lime	0.50	6	6	6	6	14	2	C1	Fair	E-M	1	10 to 20				Large substem removal wound not occluding	
5026	Common lime	0.25	4	3	7	6	13	3	C1	Fair	S-M	1	>40				Major stem abrasions occluding	
5027	Sycamore	0.47	4	6	8	7	13	3	B1	Fair	M	1	>40				Minor small diameter deadwood	
5028	Sycamore	0.38	3	3	8	8	12	3	B1	Good	E-M	1	>40					
5029	Sycamore	0.60	8	6	8	8	17	3	A1	Good	M	1	>40				Minor basal epicormics.	
5030	Common lime	0.40	5	5	5	5	14	2	B1	Good	E-M	1	>40				Minor epicormics. decurrent	
5031	Sycamore	0.37	4	4	7	7	14	4	A1	Good	E-M	1	>40					
5032	Sycamore	0.40	3	4	7	7	13	4	B1	Good	E-M	1	>40				Minor small diameter deadwood	
5033	Sycamore	0.25	3	3	5	5	14	4	B1	Good	S-M	1	>40					
5034	Common lime	0.60	3	6	9	7	16	3	B1	Good	E-M	1	>40				Minor lower crown small diameter deadwood	
5035	Common lime	0.48	4	4	8	7	17	3	B1	Good	E-M	1	>40				Minor small diameter deadwood	
5036	Common lime	0.41	5	4	8	6	16	4	B1	Good	E-M	1	>40					
5037	Common lime	0.50	5	4	7	6	16	4	A1	Good	M	1	>40				Minor small diameter deadwood	
5038	Sycamore	0.30	3	3	7	3	14	4	B1	Fair	E-M	1	>40				Initial lean E self corrected	
5039	Common lime	0.40	5	5	5	5	11	1	B1	Fair	E-M	1	>40				Minor basal epicormics. densely decurrent	
5040	Common lime	0.44	6	6	6	6	11	2	B1	Fair	E-M	1	>40				Minor basal epicormics. densely decurrent	
5041	Common lime	0.50	7	8	5	5	16	3	B1	Good	E-M	1	>40				Initial lean E self corrected	
5042	Common lime	0.56	6	6	8	6	14	2	A1	Good	E-M	1	>40					
5043	Common lime	0.43	6	6	8	6	16	2	B1	Good	E-M	1	>40				Moderate basal epicormics	
5044	Common lime	0.57	5	6	9	8	17	3	B1	Good	E-M	1	>40				Minor decay on low branch E	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5045	Common lime	0.50	5	4	7	5	17	3	A1	Good	E-M	1	>40				Minor small diameter deadwood	
5046	Common lime	0.36	6	6	6	6	12	3	B1	Good	E-M	1	>40				Moderate basal epicormics.	
5047	Common lime	0.54	7	7	7	7	17	4	A1	Good	M	1	>40					
5048	Common lime	0.42	4	6	7	6	16	2	B1	Good	E-M	1	>40				Several unoccluded crown lifting wounds	
5049	Common lime	0.44	7	6	8	4	16	2	B1	Good	E-M	1	>40				Several occluding crown lifting wounds	
5050	Common lime	0.36	5	5	5	5	12	1	B1	Good	E-M	1	>40				Densely decurrent	
5051	Common lime	0.50	6	5	6	5	16	3	A1	Good	E-M	1	>40					
5052	Common lime	0.40	5	7	7	4	14	3	B1	Fair	E-M	1	20 to 40				Several slowly occluding crown lifting wounds	
5053	Common lime	0.40	6	4	4	6	14	3	B1	Fair	E-M	1	>40					
5054	Common lime	0.34	7	3	4	4	15	3	B1	Good	E-M	1	>40				Initial lean N self corrected	
5055	Common lime	0.40	8	5	7	7	16	3	B1	Fair	E-M	1	>40					
5056	Common lime	0.40	7	4	8	3	14	3	A1	Good	E-M	1	>40					
5057	Common lime	0.50	5	3	6	4	15	3	B1	Good	E-M	1	>40				Initial lean N self corrected.	
5058	Common lime	0.35	5	3	6	4	12		B1	Good	S-M	1	>40			3 months	Low branches obstructing footway.	Crown lift to 2.5m over footway
5059	Common lime	0.36	4	4	6	6	12	1	B1	Good	E-M	1	>40				Lower branches obstructing footway	Crown lift to 2.5m over footway
5060	Common lime	0.37	5	3	5	4	13	1	B1	Good	E-M	1	>40					
5061	Common lime	0.42	4	4	6	5	14	1	A1	Good	E-M	1	>40					
5062	Common lime	0.48	4	5	7	7	16	2	A1	Good	E-M	1	>40					
5063	Horse chestnut	0.83	6	6	8	7	16	2	B1	Fair	M	1	20 to 40				Bark split N at 1m. heavily imbalanced crown E away from targets. minor leaf miner.	
5064	Common lime	0.40	4	4	7	7	16	2	B1	Fair	E-M	1	>40					
5065	Oak	0.60	8	8	5	3	15	2	B1	Good	M	1	>40				Large substem stub at 6m. imbalanced crown E away from targets	
5066	Common lime	0.39	6	3	7	4	17	2	A1	Good	E-M	1	>40					
5067	Common lime	0.40	5	4	5	3	13	1	B1	Fair	E-M	1	20 to 40				Decaying wound at 4m E.	
5068	Common lime	0.37	3	3	7	4	13	1	B1	Good	E-M	1	>40					
5069	Horse chestnut	0.81	6	5	8	7	16	1	B1	Fair	M	1	20 to 40	Road	Tolerable - medium	6 months	Split stem bark to 6m continuing dysfunction into base of limb over road.	Reduce lowest limb over road by 5m

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5070	Common lime	0.53	7	4	8	4	15	2	A1	Good	E-M	1	>40					
5071	Common lime	0.41	4	5	7	3	12	3	B1	Good	E-M	1	>40					
5072	Common lime	0.45	4	4	6	4	15	3	B1	Good	E-M	1	>40					
5073	Norway maple	0.44	4	3	6	3	16	4	B1	Fair	E-M	1	>40				Minor small diameter deadwood decaying stub with inrolled bark at 4m.	
5074	Common lime	0.50	5	5	8	4	16	2	A1	Good	E-M	1	>40					
5075	Common lime	0.52	6	3	8	4	16	2	B1	Fair	E-M	1	>40				Several occluding crown lifting wounds	
5076	Common lime	0.46	5	3	9	5	16	2	B1	Fair	E-M	1	20 to 40				Minor decay in buttress root.	
5077	Common lime	0.44	5	4	7	4	16	2	A1	Good	E-M	1	>40					
5078	Common lime	0.45	6	5	9	7	16	2	A1	Good	M	1	>40					
5079	Norway maple	0.43	7	2	9	5	16	3	B1	Fair	E-M	1	>40				Imbalanced crown E away from targets	
5080	Common lime	0.52	7	6	9	5	16	2	B1	Fair	E-M	1	>40				Minor branch cavity at 5m with fair adaptive growth.	
5081	Sycamore	0.51	5	5	8	7	16	4	C1	Fair	M	1	10 to 20	Vehicle	Acceptable		Widespread dieback. small diameter deadwood only.	
5082	Common lime	0.43	5	3	7	5	16	3	A1	Good	E-M	1	>40				Small diameter deadwood away from targets	
5083	Common lime	0.45	4	5	8	4	16	2	A1	Good	E-M	1	>40					
5084	Common lime	0.44	6	3	8	7	17	3	B1	Fair	E-M	1	20 to 40				Dead stub at 8m. secure. large leader breakage at 11m.	
5085	Sycamore	0.35	4	1	7	4	15	6	C1	Poor	E-M	1	10 to 20				Widespread dieback. numerous crown lifting wounds unoccluded.	
5086	Common lime	0.47	6	5	8	5	16	1	A1	Good	E-M	1	>40					
5087	Common lime	0.42	5	4	6	5	17	2	A1	Good	E-M	1	>40				Initial lean NW self corrected	
5088	Sycamore	0.45	4	4	8	5	16	4	B1	Fair	E-M	1	20 to 40				Early dieback and thin scorched crown.	
5089	Common lime	0.47	6	2	7	4	16	2	A1	Good	E-M	1	>40					
5090	Common lime	0.33	4	3	7	2	12	2	B1	Fair	S-M	1	>40				Large decaying stub at 2m. imbalanced crown E away from targets	
5091	Common lime	0.40	5	3	8	4	16	4	A1	Good	E-M	1	>40				Minor decay on low branch E	
5092	Common lime	0.55	7	3	8	7	17	3	B1	Fair	E-M	1	>40				Small diameter deadwood E away from targets. imbalanced crown N	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5093	Norway maple	0.45	6	3	8	5	17	4	A1	Good	E-M	1	>40				Initial lean NE self correcting	
5094	Common lime	0.54	6	6	7	6	17	3	A1	Good	M	1	>40					
5095	Sycamore	0.43	6	4	8	5	12	4	B1	Good	M	1	20 to 40					
5096	Common lime	0.40	5	3	8	7	17	2	B1	Good	E-M	1	>40					
5097	Common lime	0.35	4	4	7	4	14	2	A1	Good	E-M	1	>40					
5098	Common lime	0.42	7	4	7	4	17	2	A1	Good	E-M	1	>40					
5099	Sycamore	0.34	4	4	7	4	11	4	B1	Fair	S-M	1	20 to 40					
5100	Sycamore	0.55	10	5	7	10	15	4	B1	Good	M	1	>40				Minor lower small diameter deadwood	
5101	Common lime	0.48	6	6	6	6	15	2	A1	Good	E-M	1	>40					
5102	Common lime	0.40	4	3	5	5	15	4	A1	Good	E-M	1	>40					
5103	Common lime	0.50	5	3	8	5	18	4	A1	Good	E-M	1	>40					
5104	Common lime	0.55	5	5	7	6	13	3	B2	Good	M	1	>40	Footpath.			Stem lean. Minor dead wood (<50mm dia).	Complete dead-wooding.
5105	Common lime	0.55	5	4	5	4	12	3	B2	Good	M	1	>40	Footpath.				
5106	Common lime	0.55	4	5	7	5	16	3	B2	Good	M	1	>40	Footpath.			Minor crown dieback.	
5107	Common lime	0.55	5	4	7	6	13	3	B2	Good	M	1	>40	Footpath.				
5108	Common lime	0.55	4	3	6	7	14	3	B2	Good	M	1	>40	Footpath.			Stem lean. Minor dead wood (<50mm dia). D/w over path	Complete dead-wooding.
5109	Common lime	0.50	5	4	7	6	16	3	B2	Good	M	1	>40	Footpath.			Restricted rooting due to ground conditions. Manhole at base	
5110	Common lime	0.50	5	4	6	6	16	3	B2	Good	M	1	>40	Footpath.				
5111	Common lime	0.50	4	4	6	6	16	3	B2	Good	M	1	>40	Footpath.			Branch stubs from past pruning/storm damage. Open crown	
5112	Common lime	0.50	4	4	6	5	13	3	B2	Good	M	1	>40	Footpath.			Minor cavity/decay in main scaffold limb. Plenty of reaction wood round cavity	
5113	Common lime	0.45	4	4	6	5	13	3	B2	Good	M	1	>40					
5114	Common lime	0.50	4	4	5	4	15	3	B2	Good	M	1	>40	Footpath.				
5115	Common lime	0.50	4	4	6	6	16	3	B2	Good	M	1	>40	Footpath.			Minor dead wood (<50mm dia). D/w over path	Complete dead-wooding.
5116	Common lime	0.50	5	4	7	5	16	3	B2	Good	M	1	>40	Footpath.			Branch stubs from past pruning/storm damage. Minor dead wood (<50mm dia).	
5117	Common lime	0.45	5	4	6	4	14	3	B2	Good	M	1	>40	Footpath.			Included bark, weak fork in main scaffold limb.	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5118	Common lime	0.40	4	4	5	5	13	3	B2	Good	M	1	>40	Footpath.			Stem lean.	
5119	Common lime	0.55	5	5	5	5	15	3	B2	Good	M	1	>40	Footpath.			Stem lean.	
5120	Common lime	0.45	5	4	6	5	13	3	B2	Good	M	1	>40	Footpath.			Minor crown dieback.	
5121	Common lime	0.50	5	5	6	6	15	3	B2	Good	M	1	>40	Footpath.			Stem lean.	
5122	Common lime	0.45	4	4	6	6	13	3	B2	Good	M	1	>40	Footpath.			Minor crown dieback.	
5123	Common lime	0.45	5	5	6	6	13	3	B2	Good	M	1	>40	Footpath.				
5124	Common lime	0.55	4	5	7	5	14	3	B2	Good	M	1	>40	Footpath.			Branch stubs from past pruning/storm damage.	
5125	Common lime	0.40	5	4	6	5	12	3	B2	Good	M	1	>40	Footpath.				
5126	Common lime	0.50	5	4	6	4	14	3	B2	Good	M	1	>40	Footpath.			Stem lean.	
5127	Common lime	0.40	5	4	5	4	13	3	B2	Good	M	1	>40	Footpath.				
5128	Common lime	0.45	4	4	6	7	13	3	B2	Good	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5129	Common lime	0.50	5	4	8	6	13	3	B2	Good	M	1	>40	Footpath.			Stem lean. Branch stubs from past pruning/storm damage.	
5130	Common lime	0.55	5	4	6	5	13	3	B2	Good	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	
5131	Common lime	0.50	4	5	5	5	11	3	A2	Good	M	1	>40	Footpath.				
5132	Common lime	0.50	6	4	6	5	12	3	B2	Good	M	1	>40	Footpath.				
5133	Common lime	0.50	5	4	6	5	12	3	B2	Good	M	1	>40	Footpath.				
5134	Common lime	0.45	5	4	6	5	13	3	B2	Good	M	1	>40	Footpath.				
5135	Common lime	0.50	5	4	7	7	15	3	B2	Good	M	1	>40	Footpath.			Stem lean.	
5136	Common lime	0.50	5	4	5	4	14	3	B2	Good	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5137	Common lime	0.45	5	4	5	5	13	3	B2	Good	M	1	>40				Branch stubs from past pruning/storm damage.	
5138	Common lime	0.45	4	3	6	5	13	3	B2	Good	M	1	>40	Footpath.				
5139	Common lime	0.55	5	4	8	6	14	3	B2	Good	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5140	Common lime	0.50	5	4	6	5	13	3	B2	Fair	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5141	Common lime	0.50	5	4	6	5	13	3	B2	Good	M	1	>40	Footpath.			Minor crown dieback. Branch stubs from past pruning/storm damage.	
5142	Common lime	0.45	5	4	7	5	14	3	B2	Good	M	1	>40	Footpath.			Stem lean. Minor cavity/decay in stem.	
5143	Common lime	0.55	5	4	7	5	14	3	B2	Good	M	1	>40	Footpath.			Stem lean. Branch stubs from past pruning/storm damage.	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5144	Common lime	0.55	4	4	6	5	14	3	B2	Fair	M	1	>40	Footpath.			Stem lean. Minor cavity/decay in stem. Minor crown dieback.	
5145	Common lime	0.55	5	4	7	5	13	3	B2	Fair	M	1	>40	Footpath.			Stem lean.	
5146	Common lime	0.50	5	4	6	4	12	3	B2	Good	M	1	>40	Footpath.			Most limes in this area have moderate scale insects	
5147	Common lime	0.45	4	4	6	5	12	3	B2	Good	M	1	>40	Footpath.				
5148	Common lime	0.50	4	4	6	6	12	3	B2	Good	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	
5149	Common lime	0.40	4	4	6	5	11	3	B2	Good	M	1	>40	Footpath.			Minor cavity/decay in stem at 3m.	
5150	Common lime	0.50	5	5	6	6	13	3	B2	Fair	M	1	>40	Footpath.			Stem lean.	
5151	Common lime	0.45	4	4	6	5	12	3	B2	Fair	M	1	>40	Footpath.			Canopy suppressed.	
5152	Common lime	0.50	5	3	9	6	15	3	B2	Fair	M	1	>40	Footpath.			Leggy crown	
5153	Common lime	0.45	4	3	7	6	14	3	B2	Fair	M	1	>40	Footpath.			Damaged, hanging branch.	Remove damaged branch.
5154	Common lime	0.50	4	5	7	6	13	3	B2	Good	M	1	>40	Footpath.			Moderate infestation of scale insects	
5155	Common lime	0.50	3	3	7	8	14	3	B2	Fair	M	1	>40	Footpath.			Stem lean. Branch stubs from past pruning/storm damage.	Crown clean, remove dead wood, weak, crossing branches and debris.
5156	Common lime	0.55	5	6	6	5	12	3	B2	Good	M	1	>40	Footpath.				
5157	Common lime	0.55	5	5	5	7	12	3	B2	Good	M	1	>40	Footpath.				
5158	Common lime	0.50	4	3	5	6	14	3	B2	Fair	M	1	>40				Minor dead wood (<50mm dia).	Complete dead-wooding.
5159	Common lime	0.50	3	4	5	5	12	3	B2	Good	M	1	>40					
5160	Silver birch	0.35	2	3	1	5	8	3	C2	Fair	M	1	10 to 20				Canopy suppressed.	
5161	Common lime	0.45	4	4	6	5	12	3	B2	Good	M	1	>40	Footpath.				
5162	Common lime	0.50	5	4	5	4	12	3	B2	Good	M	1	>40	Footpath.				
5163	Common lime	0.45	7	4	5	5	13	3	B2	Good	M	1	>40	Footpath.			Stem lean.	
5164	Common lime	0.45	4	4	5	5	11	3	B2	Fair	M	1	>40				Minor dead wood (<50mm dia).	
5165	Common lime	0.40	5	4	5	5	11	3	B2	Good	M	1	>40					
5166	Common lime	0.50	5	3	4	7	13	3	B2	Good	M	1	>40				Canopy suppressed.	
5167	Common lime	0.40	5	4	5	6	12	3	B2	Good	M	1	>40					
5168	Oak	0.55	4	8	4	8	13	3	B2	Fair	M	1	>40				Branch stubs from past pruning/storm damage. Minor dead wood (<50mm dia).	Crown clean, remove dead wood, weak, crossing branches and debris.

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5169	Common lime	0.50	5	5	4	8	12	3	B2	Good	M	1	>40					
5170	Sycamore	0.45	4	4	5	7	12	3	B2	Good	M	1	>40				Minor dead wood (<50mm dia). Recent pruning done	
5171	Common lime	0.25	3	2	2	5	8	3	C2	Fair	E-M	1	>40				Canopy suppressed.	
5172	Common lime	0.40	4	4	4	6	12	3	B2	Good	M	1	>40				Included bark, weak fork in main scaffold limb.	
5173	Common lime	0.40	3	3	3	6	12	3	B2	Good	M	1	>40				Included bark, weak fork in main scaffold limb.	
5174	Common lime	0.45	4	5	4	6	11	3	B2	Good	M	1	>40				Canopy suppressed.	
5175	Common lime	0.60	6	6	5	7	12	3	A2	Good	M	1	>40					
5176	Wild cherry	0.35	4	6	4	6	8	3	B2	Fair	M	1	20 to 40	Footpath.			Tear out at 4m with crack	Monitor condition annually.
5177	Flowering cherry	0.35	3	4	5	4	8	3	B2	Good	M	1	20 to 40	Footpath.			Branch stubs from past pruning/storm damage.	
5178	Common lime	0.65	8	6	7	8	11	3	B2	Good	M	1	20 to 40	Footpath.			Included bark, weak fork in main scaffold limb. Minor dead wood (<50mm dia).	
5179	Common lime	0.45	4	5	4	4	10	3	B2	Good	M	1	20 to 40	Footpath.			Branch stubs from past pruning/storm damage.	
5180	Common lime	0.60	5	6	5	8	14	3	B2	Good	M	1	20 to 40	Footpath.			Damaged, hanging branch.	Remove damaged branch.
5181	Sycamore	0.40	6	5	7	5	10	3	C2	Fair	M	1	10 to 20	Footpath.			Low vigour, poor shoot extension, thin foliage. Crown 50% defoliated	
5182	Common lime	0.55	6	5	5	5	12	3	C2	Fair	M	1	10 to 20	Footpath.			Included bark, weak fork in main scaffold limb. Minor dead wood (<50mm dia).	Complete dead-wooding.
5183	Common lime	0.55	7	5	6	6	13	3	B2	Good	M	1	20 to 40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5184	Sycamore	0.30	5	5	5	6	10	3	B2	Good	E-M	1	>40	Footpath.				
5185	Common lime	0.50	6	5	5	6	14	3	B2	Good	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5186	Sycamore 'Variegatum'	0.25	4	4	4	4	9	3	B2	Good	E-M	1	>40	Footpath.			Stem wound, exposed timber remains sound at ground level. Variegated type	
5187	Common lime	0.55	6	5	5	4	13	3	B2	Good	M	1	>40	Footpath.			V dense crown	
5188	Common lime	0.55	5	5	6	5	12	3	B2	Fair	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5189	Common lime	0.65	6	5	5	6	14	3	B2	Fair	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5190	Common lime	0.60	6	5	7	6	13	3	B2	Fair	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5191	Common lime	0.50	6	6	6	7	13	3	B2	Fair	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5192	Common lime	0.60	7	6	6	6	14	3	B2	Fair	M	1	>40	Footpath.			Damaged, hanging branch. Minor dead wood (<50mm dia).	Crown clean, remove dead wood, weak, crossing branches and debris.
5193	Common lime	0.40	3	5	5	5	12	3	C2	Fair	M	1	20 to 40	Footpath.			Longitudinal crack in main stem. Canopy suppressed. Crack occluding	
5194	Common lime	0.65	4	4	7	7	15	3	B2	Fair	M	1	>40	Footpath.			Stem lean. Canopy suppressed. Minor dead wood (<50mm dia).	Complete dead-wooding.
5195	Common lime	0.55	4	4	6	5	16	3	B3	Fair	M	1	>40	Footpath.			Stem lean. Canopy suppressed. Minor dead wood (<50mm dia).	Complete dead-wooding.
5196	Common lime	0.45	5	4	6	6	14	3	B2	Fair	M	1	>40	Footpath.		1 month	Stem lean. Branch stubs from past pruning/storm damage. Damaged, hanging branch. Medium sized hanger right over path	Crown clean, remove dead wood, weak, crossing branches and debris.
5197	Common lime	0.60	5	5	6	5	15	3	B2	Fair	M	1	>40	Footpath.			Stem lean. Damaged, hanging branch. Branch stubs from past pruning/storm damage.	Crown clean, remove dead wood, weak, crossing branches and debris.
5198	Common lime	0.45	4	4	4	5	13	3	B2	Fair	M	1	>40	Footpath.			Branch stubs from past pruning/storm damage. Minor dead wood (<50mm dia).	Complete dead-wooding.
5199	Common lime	0.55	5	4	4	4	15	3	C2	Fair	M	1	>40	Footpath.			Stem lean. Canopy suppressed. Major dead wood (>50mm dia).	Complete dead-wooding.
5200	Common lime	0.50	5	2	6	4	14	3	B2	Fair	M	1	>40	Footpath.			Restricted rooting due to ground conditions. Stem lean. Minor dead wood (<50mm dia). Manhole near base	Complete dead-wooding.
5201	Common lime	0.50	4	4	5	4	14	3	B2	Fair	M	1	>40	Footpath.			Stem lean. Stem wound, exposed timber remains sound. Minor dead wood (<50mm dia). Tidy up branch stub at 2m	Crown clean, remove dead wood, weak, crossing branches and debris.
5202	Common lime	0.45	6	3	4	4	14	3	B2	Fair	M	1	>40	Footpath.		1 month	Damaged, hanging branch.	Remove damaged branch.

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5203	Common lime	0.45	6	5	5	3	13	3	B2	Good	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5204	Common lime	0.45	6	6	8		21	5	B1	Fair	E-M	1	>40				Initial lean E self corrected. unoccluded crown lifting wounds	
5205	Common lime	0.43	6	6	7	1	21	4	A1	Good	E-M	1	>40					
5206	Common lime	0.47	5	6	7	2	21	5	A1	Good	E-M	1	>40				Initial lean E self corrected. minor small diameter deadwood	
5207	Common lime	0.47	7	6	7	2	17	5	B1	Good	E-M	1	>40					
5208	Common lime	0.42	6	5	6	5	14	3	A1	Good	E-M	1	>40					
5209	Common lime	0.55	6	5	7	3	18	4	A1	Good	E-M	1	>40					
5210	Common lime	0.40	5	5	7	4	15	3	A1	Good	E-M	1	>40					
5211	Common lime	0.53	8	7	8	3	16	4	B1	Fair	M	1	20 to 40				Diametral crack at 1m. fair adaptive growth	
5212	Common lime	0.40	5	4	6	3	14	3	A1	Good	E-M	1	>40					
5213	Common lime	0.43	6	7	7	3	15	4	A1	Good	E-M	1	>40					
5214	Common lime	0.45	6	4	9	4	21	5	A1	Good	M	1	>40					
5215	Common lime	0.43	5	5	5	5	19	3	A1	Good	E-M	1	>40					
5216	Common lime	0.44	6	6	6	6	20	3	A1	Good	E-M	1	>40					
5217	Common lime	0.46	6	6	6	4	17	3	A1	Good	E-M	1	>40					
5218	Common lime	0.42	5	4	6	4	15	4	B1	Fair	E-M	1	20 to 40				Partial girdling roots. abraded buttress root.	
5219	Common lime	0.42	4	6	6	3	16	4	A1	Good	E-M	1	>40				Abraded buttress root NW	
5220	Common lime	0.48	5	5	7	5	16	3	A1	Good	E-M	1	>40					
5221	Common lime	0.43	5	4	6	4	17	4	A1	Good	E-M	1	>40					
5222	Common lime	0.40	4	3	6	3	16	3	A1	Good	E-M	1	>40					
5223	Common lime	0.40	5	6	7	5	19	4	A1	Good	E-M	1	>40					
5224	Common lime	0.42	5	4	5	5	17	4	A1	Good	E-M	1	>40				Decaying girdling root E	
5225	Common lime	0.40	6	5	6	4	19	6	A1	Good	E-M	1	>40					
5226	Common lime	0.45	5	3	8	5	19	5	A1	Good	E-M	1	>40					
5227	Common lime	0.41	5	4	5	4	15	3	A1	Good	E-M	1	>40					
5228	Common lime	0.42	4	4	6	3	18	4	A1	Good	E-M	1	>40					
5229	Common lime	0.41	5	5	6	4	18	4	A1	Good	E-M	1	>40					
5230	Common lime	0.37	4	5	6	4	17	3	A1	Good	E-M	1	>40				Minor small diameter deadwood	
5231	Common lime	0.40	6	5	6	3	16	3	B1	Good	E-M	1	>40					

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5232	Common lime	0.39	5	5	5	5	16	3	A1	Good	E-M	1	>40					
5233	Common lime	0.42	5	6	7	4	15	4	A1	Good	E-M	1	>40					
5234	Common lime	0.41	6	6	6	3	19	7	B1	Good	E-M	1	>40					
5235	Lawson cypress	0.25	2	2	1	1	12		C2	Fair	M-A	1	20 to 40				Eastmost of linear group, forming tall hedge along N edge of tennis court	
5236	Common lime	0.40	5	5	6	5	20	7	B1	Fair	E-M	1	20 to 40				Small cavity at 1m with superficial decay	
5237	Common lime	0.41	5	4	8	4	19	3	A1	Good	E-M	1	>40					
5238	Common lime	0.39	5	5	7	4	18	3	A1	Good	E-M	1	>40					
5239	Common lime	0.39	4	4	5	4	19	4	B1	Fair	E-M	1	20 to 40				Small basal cavity S	
5240	Common lime	0.42	4	7	7	4	20	4	B1	Good	E-M	1	>40				Minor small diameter deadwood	
5241	Common lime	0.41	5	6	6	5	17	4	A1	Good	E-M	1	>40					
5242	Common lime	0.46	6	5	6	3	18	3	A1	Good	E-M	1	>40					
5243	Highclere holly	0.26	2	2	2	2	6	2	A1	Good	M	1	>40					
5244	Highclere holly	0.23	2	2	2	2	6	2	A1	Good	M	2	>40					
5245	Highclere holly	0.23	2	2	2	2	7	2	A1	Good	M	2	>40					
5246	Himalayan birch	0.14	2	2	2	2	8	1	B1	Good	S-M	1	>40					
5247	Himalayan birch	0.18	2	2	2	2	7	1	B1	Good	S-M	2	>40				Twin stemmed from good compression fork at 1m	
5248	Himalayan birch	0.19	2	2	2	2	8	1	A1	Good	S-M	1	>40					
5249	Himalayan birch	0.16	2	2	2	2	8		A1	Good	S-M	1	>40					
5250	Himalayan birch	0.23	2	3	3	2	8	2	B1	Good	E-M	1	>40				Multistemmed from 0. 5m	
5251	Highclere holly	0.25	2	2	2	2	6	2	A1	Good	M	2	>40				Twin stemmed from 1m	
5252	Highclere holly	0.23	2	2	2	2	7	2	A1	Good	M	2	>40				Twin stemmed from good basal compression forks	
5253	Highclere holly	0.29	2	2	2	2	7	2	A1	Good	M	1	>40					
5254	Blue Atlas cedar	0.37	6	3	4	4	14	3	B1	Fair	E-M	1	>40				Abrasion N with callus forming. minor small diameter deadwood .	
5255	Lawson cypress	0.31	2	2	1	3	14	2	C1	Fair	E-M	1	10 to 20	Open space	Negligible		Much small diameter deadwood on shaded side. Compression fork with included bark at 4m.	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5256	Lodgepole pine	0.40	2	4	7	2	14	3	B1	Fair	E-M	1	20 to 40	Open space	Negligible		Initial lean E self correcting. minor small diameter deadwood	
5257	Lawson cypress	0.24	2	2	2	2	12	1	B1	Fair	E-M	1	20 to 40					
5258	Tulip tree	0.50	6	6	6	6	16	1	A1	Good	M	1	>40					
5259	Weeping birch	0.14	1	2	2	1	5		A1	Good	E-M	1	>40					
5260	Silver Birch	0.13	3	2	3	1	4		A1	Good	E-M	1	>40					
5261	Silver Birch	0.16	4	2	4	2	4		A1	Good	E-M	1	>40					
5262	Fastigate hornbeam	0.11	1	1	1	1	6		B1	Good	S-M	1	>40					
5263	Fastigate hornbeam	0.11	1	1	1	1	6		B1	Good	S-M	1	>40					
5264	Silver Birch	0.15	2	2	3	4	4		A1	Good	E-M	1	>40					
5265	Fastigate hornbeam	0.11	1	1	1	1	6		B1	Good	S-M	1	>40					
5266	Silver Birch	0.14	4	3	2	2	5		C1	Fair	E-M	1	10 to 20				Obstructing footpath S. small basal cavity and mower damage	
5267	Tulip tree	0.55	5	7	7	6	15	1	B1	Fair	M	1	20 to 40				Large tear wound at 5m with good adaptive growth .	
5268	Fastigate hornbeam	0.11	1	1	1	1	6		B1	Good	S-M	1	>40					
5269	Blue Atlas cedar	0.40	4	4	2	4	13	2	B1	Fair	E-M	1	20 to 40				Large breakout wound at 6m. minor small diameter deadwood	
5270	Fastigate hornbeam	0.11	1	1	1	1	5		B1	Good	S-M	1	>40					
5271	Fastigate hornbeam	0.07	2	2	2	2	6		B1	Good	S-M	1	>40					
5272	Fastigate hornbeam	0.09	2	2	2	2	6		B1	Good	S-M	1	>40					
5273	Fastigate hornbeam	0.08	2	2	2	2	5		B1	Good	S-M	1	>40					
5274	Fastigate hornbeam	0.10	2	2	2	2	5		B1	Good	S-M	1	>40					
5275	Fastigate hornbeam	0.08	2	2	2	2	6		B1	Good	S-M	1	>40					
5276	Weeping birch	0.15	2	4	3	1	7	1	B1	Fair	E-M	1	20 to 40				Root abrasions	
5277	Common lime	0.40	6	4	5	5	15	3	B1	Good	E-M	1	>40				Twin stemmed from good compression fork with included bark at 7m	

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5278	Common lime	0.43	6	5	5	5	14	3	A1	Good	E-M	1	>40					
5279	Common lime	0.41	6	5	6	5	15	3	A1	Good	E-M	1	>40				Decurrent	
5280	Common lime	0.44	6	6	6	6	15	3	A1	Good	E-M	1	>40				Decurrent	
5281	Common lime	0.43	7	6	6	5	18	3	B1	Fair	E-M	1	>40				Substem cavity at 5m with fair adaptive growth	
5282	Common lime	0.45	6	7	6	4	18	3	A1	Good	E-M	1	>40				Decurrent	
5283	Common lime	0.47	5	5	4	6	18	4	A1	Good	E-M	1	>40					
5284	Common lime	0.45	5	4	4	5	17	4	A1	Good	E-M	1	>40					
5285	Common lime	0.44	5	5	5	5	18	3	A1	Good	E-M	1	>40					
5286	Common lime	0.45	5	5	4	5	18	3	A1	Good	E-M	1	>40					
5287	Common lime	0.45	4	4	4	4	18	4	A1	Good	E-M	1	>40					
5288	Common lime	0.44	6	5	5	5	19	4	A1	Good	E-M	1	>40					
5289	Common lime	0.45	5	5	5	5	14	3	A1	Good	E-M	1	>40				Decurrent	
5290	Common lime	0.47	5	5	5	5	16	3	A1	Good	E-M	1	>40					
5291	Common lime	0.46	6	6	6	6	17	4	A1	Good	E-M	1	>40				Decurrent	
5292	Common lime	0.47	5	7	6	6	15	4	C1	Poor	E-M	1	10 to 20	Footway	Acceptable	6 months	Base hollow E Decaying girdling root E. isolated bleeding canker S.	Reduce crown to 10m height 3m spread
5293	Common lime	0.46	4	6	6	3	17	3	A1	Good	E-M	1	>40					
5294	Common lime	0.44	5	4	5	3	17	5	A1	Good	E-M	1	>40					
5295	Common lime	0.45	5	4	7	4	17	4	A1	Good	E-M	1	>40					
5296	Common lime	0.45	5	5	6	4	18	6	A1	Good	E-M	1	>40					
5297	Common lime	0.42	4	5	6	3	17	5	A1	Good	E-M	1	>40					
5298	Common lime	0.45	5	5	7	4	17	4	A1	Good	E-M	1	>40					
5299	Common lime	0.46	4	5	7	2	18	5	A1	Good	E-M	1	>40					
5300	Common lime	0.49	6	5	7	4	18	4	A1	Good	E-M	1	>40					
5301	Common lime	0.39	6	5	7	2	17		B1	Fair	E-M	1	>40				Small branch cavity at 4m good adaptive growth. imbalanced crown E	
5302	Common lime	0.43	5	5	7	4	18	4	A1	Good	E-M	1	>40					
5303	Common lime	0.39	5	5	7	4	17	5	A1	Good	E-M	1	>40					
5304	Common lime	0.40	4	4	7	4	17	4	A1	Good	E-M	1	>40					
5305	Common lime	0.40	5	5	7	3	17	4	A1	Good	E-M	1	>40					
5306	Common lime	0.37	5	5	6	3	17	5	A1	Good	E-M	1	>40					
5307	Common lime	0.35	5	4	6	4	16		A1	Good	E-M	1	>40				Minor decaying girdling root E	
5308	Common lime	0.39	5	5	7	4	15	3	A1	Good	E-M	1	>40					

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5309	Common lime	0.50	7	6	7	6	15	4	A1	Good	E-M	1	>40				Densely decurrent	
5310	Rowan	0.17	2	3	3	3	4	1	B1	Good	M	1	20 to 40					
5311	Norway maple	0.30	4	3	5	2	12	3	A1	Good	E-M	1	>40					
5312	Norway maple	0.30	2	2	4	4	14	2	B1	Fair	E-M	1	>40				Several bleeding cankers on stem.	
5313	Norway maple	0.40	3	3	4	4	14	2	B1	Good	E-M	1	>40				Several pock marks on stem.	
5314	Norway maple	0.45	3	3	4	5	15	2	B1	Good	M	1	>40				Triple stemmed by 2. 5m	
5315	Norway maple	0.42	4	4	5	4	15	2	B1	Good	M	1	20 to 40				Major girdling roots	
5316	Norway maple	0.35	6	3	6	3	15	2	B1	Good	M	1	>40				Several pock marks and bleeding cankers on stem.	
5317	Norway maple	0.35	5	5	1	5	17	2	B1	Good	E-M	1	>40				Several pock marks and bleeding cankers on stem	
5318	Wild cherry	0.35	6	6	6	6	9	2	C1	Poor	M	1	10 to 20				Major girdling root N. thin crown. minor small diameter deadwood	
5319	Wild cherry	0.35	6	3	6	6	7	3	C1	Poor	M	1	10 to 20				Stem leaning slightly E. C-2 graft at 2m. sprawling thin crown	
5320	Wild cherry	0.40	6	6	6	7	9	3	C1	Poor	M	1	10 to 20	Open space	Negligible		light basal epicormics. C-1 graft at 2m. sprawling crown with numerous cankerous forks	
5321	Wild cherry	0.48	3	4	5	7	8	3	C1	Fair	M	1	20 to 40				Weak graft at 2m.	
5322	Wild cherry	0.44	4	6	4	1	4	3	C1	Poor	M	1	10 to 20	Open space	Negligible		C-1 graft at 1m with several old decaying stubs. Fungal bracket (Ganoderma or Phellinus) at 1m. stem hollow below.	
5323	Red oak	0.45	5	7	3	7	17	2	A1	Good	E-M	1	>40				3 occluding large crown lifting wounds	
5324	Norway maple	0.41	6	6	6	6	9	2	A1	Good	E-M	1	>40			6 months	Slightly obstructing footpath N.	Crown lift N over footway
5325	Flowering cherry	0.21	4	5	3	3	5	2	B1	Fair	E-M	1	>40					
5326	Sycamore 'Variegatum'	0.36	6	6	5	5	11	2	A1	Fair	M	1	>40			6 months	old stem abrasion. crown blocking light	Prune back from light
5327	Sycamore	0.37	5	5	5	5	14	3	A1	Good	E-M	1	>40					
5328	Sycamore	0.39	6	6	4	6	13		B1	Fair	M	1	>40				Several large crown lifting wounds occluding slowly.	

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5329	Norway maple	0.39	8	8	8	3	15	4	B1	Fair	M	1	>40	Open space	Negligible	6 months	weak fork at base of overextended limb over courts.	Shorten or remove overhanging limb causi
5330	Lawson cypress	0.23	2	1	2	1	9	1	B1	Good	S-M	1	>40					
5331	Lawson cypress	0.20	2		3		11	2	C1	Fair	E-M	2	20 to 40				Stems leaning initially E self corrected	
5332	Lawson cypress	0.35	3	2	2	1	10	1	B1	Fair	E-M	2	20 to 40					
5333	Lawson cypress	0.60	1	4	3	3	10		B1	Fair	E-M	6	20 to 40				Multistemmed from base and spreading	
5334	Norway maple	0.30	7	5	6	4	10	1	B1	Fair	E-M	1	20 to 40				Girdling roots. old stem abrasion occluding .	
5335	Norway maple	0.30	5	3	6	5	11	2	C1	Fair	E-M	1	10 to 20				Girdling roots. abraded buttress.	
5336	Sycamore	0.48	6	4	7	4	17	4	B1	Fair	E-M	1	>40				Twin stemmed from fair compression fork with included bark at 3m. minor small diameter deadwood	
5337	Copper beech	0.48	4	4	5	8	13	3	B1	Good	E-M	1	>40					
5338	Wild cherry	0.57	7	5	8	2	6	1	B1	Fair	M	1	20 to 40				C+1 graft at 2m. imbalanced crown E	
5339	Wild cherry	0.38	2	2	7	7	9	3	C1	Fair	M	1	20 to 40				Minor small diameter deadwood	
5340	Sycamore	0.45	5	5	7	7	15	4	A1	Good	M	1	>40					
5341	Weeping willow	0.65	7	6	14		15	1	B1	Fair	M	1	10 to 20				Buttress abrasions with unknown saprophyte. stem leaning E 60°. Large wound at 1m occluding slowly. Stable	
5342	Sycamore	0.50	6	6	6	6	15	3	A1	Good	M	1	>40					
5343	Flowering cherry	0.40	4	1	2	3	4	2	U	Poor	M	1	<10	Open space	Negligible	1 year	C+2 graft at 2m. New Phellinus bracket at 2m. 2 of 4 substems lost	Remove
5344	Wild cherry	0.57	5	8	8	8	8	1	B1	Fair	M	1	20 to 40				Partial girdling roots . flat topped crown. minor small diameter deadwood	
5345	Beech	0.83	7	7	8	7	19	3	A1	Good	M	1	>40				Multistemmed (10+) from 2m.	
5346	Wild cherry	0.67	10	8	8	8	10	2	B1	Fair	M	1	20 to 40	Open space	Acceptable	6 months	Decay at base of overextended limb N.	Remove vertical section of overextended li
5347	Sycamore	0.55	7	7	5	4	17	2	A1	Good	M	1	>40				2 occluding stem abrasions.	

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5348	Sycamore	0.89	7	7	7	7	20	4	C1	Poor	M	1	10 to 20	Open space	Tolerable - medium	6 months	Stem hollow at large basal cavity. Widespread dieback and small diameter deadwood.	Remove top 7m and deadwood.
5349	Sycamore 'Variegatum'	0.23	6	3	3	4	9	2	B1	Good	S-M	1	>40					
5350	Common lime	0.40	3	5	3	4	20	2	A1	Good	E-M	1	>40				Excurrent.	
5351	Sycamore	0.93	8	11	5	10	20	3	B1	Fair	M	1	20 to 40	Open space	Negligible		Butt hollow. small opening N. Upper crown dieback. Self limited split in substem.	Frequent reinspections
5352	Sycamore	0.90	6	12	9	6	20	4	B1	Fair	M	1	20 to 40	Footway	Tolerable - medium	6 months	Slightly imbalanced S away from targets. Isolated dieback. small and medium diameter deadwood	Deadwood >50mm
5353	Sycamore	0.45	6	6	6	4	18	4	B1	Fair	M	1	20 to 40				Minor dieback. minor small diameter deadwood	
5354	Common lime	0.45	5	6	6	4	16	3	A1	Good	E-M	1	>40				Densely decurrent . minor small diameter deadwood	
5355	Flowering cherry	0.30	3	3	3	3	4		U	Dead		1	n/a			6 months	Skeletal. Stable	Remove
5356	Black pine	0.65	4	6	3	6	11	1	A1	Good	M	1	>40				Minor small diameter deadwood	
5357	Blue Atlas cedar	0.50	6	6	7	4	11	2	B1	Fair	E-M	1	20 to 40				2 recent breakout wounds S at 1. 5m.	
5358	Blue Atlas cedar	0.55	6	6	6	6	11	2	B1	Fair	E-M	1	20 to 40				Minor small diameter deadwood	
5359	Wild cherry	0.55	6	6	7	5	7	3	B1	Fair	M	1	20 to 40				Minor damage to exposed roots. C+0 graft at 2m.	
5360	Horse chestnut	0.80	5	5	4	5	10	3	B2	Fair	M	1	20 to 40	Road.			Minor decay in buttress. Stem wound, exposed timber remains sound. Bark necrosis. Included bark, weak fork in main scaffold limb. maybe old pollard	
5361	Common lime	0.50	5	4	5	3	12	3	B2	Good	M	1	>40	Footpath.			Stem lean.	
5362	Red horse chestnut	0.65	3	6	5	4	12	3	B2	Good	M	1	>40	Footpath.			Minor decay in buttress.	
5363	Common lime	0.55	6	4	5	3	12	3	B2	Good	M	1	>40	Footpath.			Minor decay in buttress. Minor dead wood (<50mm dia).	
5364	Horse chestnut	0.80	3	7	6	4	12	3	B2	Good	M	1	>40	Footpath.			Stem lean.	

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5365	Horse chestnut	0.55	5	5	5	4	10	3	B2	Good	M	1	>40	Footpath.			Stem lean. Stem wound, exposed timber remains sound. Some bark necrosis	
5366	Horse chestnut	0.65	5	5	5	3	10	3	B2	Fair	M	1	>40	Footpath.			Minor decay in buttress. Bark necrosis. Odd twisting grain	
5367	Common lime	0.65	6	3	6	4	12	3	B2	Fair	M	1	>40	Footpath.			Minor dead wood (<50mm dia). Canopy suppressed.	Complete dead-wooding.
5368	Horse chestnut	0.85	5	6	7	4	12	3	A2	Good	M	1	>40	Footpath.			Minor decay in buttress. Dense crown	
5369	Common lime	0.60	4	4	7	4	13	3	B2	Fair	M	1	>40	Footpath.			Stem lean. Major dead wood (>50mm dia).	Complete dead-wooding.
5370	Horse chestnut	0.65	5	5	6	3	12	3	B2	Fair	M	1	20 to 40	Footpath.			Bark necrosis. Minor cavity/decay in stem. Significant cavity/decay in main scaffold limb. Minor crown dieback. Also bark necrosis in crown	Monitor condition annually.
5371	Common lime	0.55	6	4	7	3	13	3	B2	Good	M	1	>40	Road.			Stem lean. Canopy suppressed. Branch stubs from past pruning/storm damage. Tidy branch stubs and free up street light	Tip back secondary branch growth to remove conflict with adjacent structure.
5372	Horse chestnut	0.65	4	4	5	4	12	3	B2	Fair	M	1	20 to 40	Footpath.			Bark necrosis. Bark staining, spotting, exudation. Touch of canker	
5373	Common lime	0.50	7	4	6	3	11	3	B2	Fair	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5374	Horse chestnut	0.60	4	4	4	4	10	3	U	Poor	M	1	<10	Road.	Acceptable	3 months	Significant cavity/decay in stem. Bark necrosis. Significant dieback, stag-headed. Stem hollow, crown dying back	Fell.
5375	Lawson cypress	0.35	2	2	3	2	9	3	C2	Fair	M	1	>40	Footpath.			Included bark, weak fork in main scaffold limb.	
5376	Common lime	0.45	5	4	6	4	12	3	B2	Good	M	1	>40	Footpath.			Minor decay in buttress. Branch stubs from past pruning/storm damage.	
5377	Horse chestnut	0.65	5	5	5	4	11	3	B2	Good	M	1	>40	Footpath.			Branch stubs from past pruning/storm damage.	
5378	Sycamore 'Variegatum'	0.40	4	5	4	6	10	4	B2	Good	E-M	1	>40	Footpath.				

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5379	Horse chestnut	0.50	4	3	1	7	9	3	U	Poor	M	1	<10	Footpath.			Bark necrosis. Topped. Significant cavity/decay in main scaffold limb. Top broken , consider removal and replacement .	Monitor decay at regular intervals.
5380	Common lime	0.50	5	4	4	5	11	3	B2	Good	M	1	>40	Footpath.			Stem lean. Minor dead wood (<50mm dia).	Crown clean, remove dead wood, weak, crossing branches and debris.
5381	Lawson cypress	0.45	3	2	2	2	11	3	C2	Good	M	1	>40	Footpath.			Stem lean.	
5382	Common lime	0.50	4	5	4	5	13	3	B1	Good	M	1	>40	Footpath.			Stem lean. Damaged, hanging branch.	Crown clean, remove dead wood, weak, crossing branches and debris.
5383	Lawson cypress	0.35	2	2	3	2	11	3	C2	Good	M	1	>40	Footpath.			Stem lean. Stem wound, exposed timber remains sound.	
5384	Horse chestnut	0.50	3	3	3	4	9	3	B2	Fair	M	1	>40	Footpath.			Minor decay in buttress. Stem wound, exposed timber remains sound.	
5385	Common lime	0.50	4	4	4	5	12	3	B2	Fair	M	1	>40	Footpath.			Stem lean. Minor dead wood (<50mm dia).	Complete dead-wooding.
5386	Horse chestnut	0.80	5	6	5	6	11	3	B2	Good	M	1	>40	Footpath.				
5387	Horse chestnut	0.80	5	6	4	5	11	3	B2	Good	M	1	>40	Footpath.				
5388	Common lime	0.45	4	2	4	3	11	3	B2	Fair	M	1	>40	Footpath.			Minor dead wood (<50mm dia). Canopy suppressed.	Complete dead-wooding.
5389	Horse chestnut	0.65	5	6	4	5	11	3	B2	Good	M	1	>40	Footpath.			Bark staining, spotting, exudation. Minor canker, some flux.	
5390	Common lime	0.45	4	1	6	1	9	3	C2	Poor	M	1	10 to 20	Footpath.			Stem lean. Canopy suppressed. Major dead wood (>50mm dia).	
5391	Horse chestnut	0.50	5	6	4	4	10	3	B2	Good	M	1	>40	Footpath.		3 months	Damaged, hanging branch.	Remove damaged branch.
5392	Common lime	0.40	4	4	5	5	12	3	B2	Good	M	1	>40	Footpath.			Stem lean.	
5393	Horse chestnut	0.55	5	5	4	5	11	3	B2	Good	M	1	>40	Footpath.				
5394	Common lime	0.40	5	3	4	4	10	3	C2	Fair	M	1	20 to 40	Footpath.			Stem lean. Major dead wood (>50mm dia). Damaged, hanging branch.	Crown clean, remove dead wood, weak, crossing branches and debris.
5395	Horse chestnut	0.60	4	5	4	6	10	3	B2	Fair	M	1	20 to 40	Footpath.			Bark staining, spotting, exudation. Minor slime flux	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5396	Common lime	0.50	1	4	3	4	11	3	B2	Fair	M	1	>40	Footpath.			Damaged, hanging branch. Major dead wood (>50mm dia).	Crown clean, remove dead wood, weak, crossing branches and debris.
5397	Common lime	0.55	4	4	5	5	13	3	B2	Good	M	1	>40	Footpath.			Major dead wood (>50mm dia). Damaged, hanging branch.	Crown clean, remove dead wood, weak, crossing branches and debris.
5398	Weeping willow	0.70	6	9	8	8	11	1	A1	Good	M-A	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5399	Sycamore	0.80	3	7	6	7	14	3	B2	Fair	M-A	1	20 to 40	Footpath.			Minor decay in buttress. Minor crown dieback. Minor decay east root buttress, going back in crown	Complete dead-wooding. Monitor condition annually.
5400	Sycamore	0.90	5	5	6	8	14	3	B2	Poor	M-A	1	>40	Footpath.			Minor decay in buttress. Low vigour, poor shoot extension, thin foliage. Minor dead wood (<50mm dia). Consider retrenchment pruning in 5 years	Complete dead-wooding.
G5400A	Mixed	0.05						1	C2	Poor	Y						Scattered group of small featehered trees, most poorly developed, insignificant, contribute little to amenity.	
5401	Sycamore	0.30	3	3	2	4	8	3	B2	Good	E-M	1	>40				Stem wound, exposed timber remains sound.	
5402	Norway maple	0.35	6	3	5	5	9	3	B2	Good	E-M	1	>40				Canopy suppressed.	
5403	Sycamore	0.55	5	5	8	8	12	3	B2	Good	M	1	>40	Footpath.				
5404	Sycamore	0.25	1	4	4	1	9	3	C2	Fair	E-M	1	>40	Footpath.			Stem wound, exposed timber remains sound. Canopy suppressed. Minor dead wood (<50mm dia).	
5405	Oak	0.60	5	12	7	8	14	3	A2	Good	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	
5406	Sycamore	0.45	3	5	4	6	10	3	B2	Fair	M	1	20 to 40	Footpath.			Stem wound, exposed timber remains sound. Canopy suppressed. Minor dead wood (<50mm dia).	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5407	Sycamore	1.05	7	9	8	7	16	3	C2	Poor	M-A	1	20 to 40	Footpath.			Significant decay in buttress. Significant dieback, stag-headed. Old cavity at base filled with concrete . Other cavity progressing. Prune back to 2ndry crown 11 m	Retrenchment pruning.
5408	Sycamore	0.65	7	5	6	7	13	3	B2	Good	M	1	>40				Minor decay in buttress. Stem wound, exposed timber remains sound.	
5409	Copper beech	0.55	4	8	8	4	13	3	A2	Good	M	1	>40	Footpath.			Stem wound, exposed timber remains sound.	
5410	Sycamore	0.55	6	8	4	8	13	3	B2	Good	M	1	>40				Minor decay in buttress. Minor dead wood (<50mm dia).	
5411	Sycamore	0.45	5	5	4	4	12	3	B2	Good	M	1	>40				Stem wound, exposed timber remains sound. Minor mower damage to bark at base	
5412	Norway maple	0.55	6	5	5	3	13	3	B2	Fair	M	1	20 to 40	Footpath.			Longitudinal crack in main stem. Included bark, weak fork in main scaffold limb.	Monitor condition annually.
5413	London plane	0.55	8	9	4	4	13	3	B2	Good	M	1	>40	Footpath.			Minor cavity/decay in main scaffold limb.	
5414	Sycamore	0.55	9	9	6	6	14	3	B2	Good	M	1	>40	Footpath.			Minor dead wood (<50mm dia).	
5415	London plane	0.45	2	9	6	8	12	3	B2	Good	M	1	>40	Footpath.			Minor cavity/decay in stem. Canopy 1-sided. Nice bark	
5416	Sycamore	0.90	6	8	7	7	17	3	A2	Good	M-A	1	>40	Footpath.			Minor decay in buttress. Minor cavity/decay in stem. Lots of reaction wood at main buttresses.	
5417	Sycamore	0.75	6	8	4	9	16	3	A2	Good	M	1	>40	Footpath.				
5418	Sycamore	1.05	4	9	8	7	15	3	B2	Fair	M-A	1	>40	Footpath.			Minor decay in buttress. Decay at base appears superficial	Monitor condition annually.
5419	Sycamore	0.80	4	6	12	10	13	3	A2	Good	M	1	>40	Footpath.			Stem lean.	
5420	Sycamore	0.90	6	4	6	8	15	3	B2	Fair	M-A	1	>40	Footpath.			Minor decay in buttress. Decay in burr at base prob compartmentalised	Monitor condition annually.
5421	Sycamore	0.90	5	5	10	12	14	3	B2	Fair	M-A	1	>40	Footpath.			Minor decay in buttress. Decay at base appears compartmentalised. Crown a bit thin.	Monitor condition annually.

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5422	Sycamore	0.45	3	2	7	6	14	3	B2	Good	M	1	>40	Footpath.			Canopy suppressed. Crown narrow	
5423	Sycamore	0.80	5	5	10	7	15	3	B2	Good	M-A	1	>40	Footpath.			Stem lean. Minor cavity/decay in main scaffold limb.	
5424	Sycamore	1.20	8	7	8	6	17	3	B2	Good	M-A	1	>40	Footpath.			Canopy a bit thin , poss drought	
5425	Ash	0.4	5	5	5	4	11	3	B2	Good	E-M	1	>40	Footpath.			Stem wound, exposed timber remains sound.	
5426	Ash	0.45	5	5	4	5	12	3	B1	Good	E-M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5427	Ash	0.35	5	5	5	5	11	3	B2	Good	E-M	1	>40	Footpath.				
5428	Ash	0.5	5	6	5	5	12	3	B1	Good	M	1	>40	Footpath.				
5429	Flowering cherry	0.5	5	6	5	6	8	3	B2	Good	M	1	>40	Footpath.				
5430	Flowering cherry	0.35	5	6	4	4	7	3	B2	Good	M	1	>40	Footpath.				
5431	Flowering cherry	0.35	4	5	5	4	8	3	B2	Good	M	1	>40	Footpath.				
5432	Noble fir	0.4	3	3	3	3	11	3	B1	Fair	M	1	20 to 40	Footpath.			Stem wound, exposed timber remains sound. Minor dead wood (<50mm dia).	Crown lift to give adequate headroom clearance.
5433	Ash	0.4	5	5	5	5	10	3	B2	Good	E-M	1	>40	Footpath.			Stem wound, exposed timber remains sound.	
5434	Ash	0.3	5	6	3	3	10	3	C2	Fair	E-M	1	20 to 40	Footpath.			Minor crown dieback.	Complete dead-wooding.
5435	Ash	0.3	5	4	4	3	10	3	B2	Good	E-M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5436	Flowering cherry	0.4	2	6	4	5	8	3	B2	Good	M	1	>40	Footpath.				
5437	Ash	0.4	6	7	5	5	11	3	B2	Good	E-M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5438	Flowering cherry	0.5	5	5	4	6	8	3	B2	Good	M	1	>40	Footpath.				
5439	Ash	0.45	4	6	5	5	12	3	B2	Fair	E-M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5440	Ash	0.4	6	5	6	2	11	3	B2	Fair	E-M	1	>40	Footpath.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5441	Flowering cherry	0.3	5	5	6	1	6	3	C2	Poor	M	1	>40	Footpath.			Stem lean. Canopy suppressed. Minor crown dieback.	
5442	Sycamore	0.3	6	6	6	2	8	3	B2	Fair	E-M	1	>40					

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5443	Norway maple	0.35	5	5	4	5	10	3	B2	Good	E-M	1	>40	Footpath.				
5444	Sycamore	0.25	5	5	4	4	7	3	C2	Fair	E-M	1	20 to 40				Stem wound, exposed timber remains sound. Mower damage to bark at base	
5445	Silver maple	0.55	6	6	6	5	15	3	B2	Good	M	1	20 to 40				Included bark, weak fork in main scaffold limb.	
5446	Norway maple	0.3	5	5	5	4	8	3	C2	Fair	E-M	1	>40				Stem wound, exposed timber remains sound. Mower damage to bark at base	
5447	Flowering cherry	0.35	4	4	6	4	6	3	C2	Poor	M	1	<10	Footpath.			Stem lean. Minor crown dieback. Severe lean	
5448	Flowering cherry	0.3	4	4	5	3	6	3	C2	Poor	M	1	<10	Footpath.			Stem lean. Minor crown dieback. Severe lean	
5449	Norway maple	0.3	3	5	4	4	7	3	B2	Fair	E-M	1	20 to 40	Footpath.			Stem wound, exposed timber remains sound. Stem wounds occluding	
5450	Silver birch	0.35	4	4	4	4	8	3	B2	Good	M	1	20 to 40	Footpath.			Weeping form	
5451	Himalayan birch	0.4	5	5	5	5	7	3	A2	Good	M	1	>40	Footpath.			Bushy form	
5452	Silver birch	0.5	6	5	6	5	11	3	B2	Good	M-A	1	20 to 40	Footpath.				
G5452A	Fastigiata hornbeam	0.1	1	1	1	1	3		B2	Good	S-M	1	>40				Row of 22 semi-mature trees, well-established.	
G5452B	Fastigiata hornbeam	0.1	1	1	1	1	3		B2	Good	S-M	1	>40				Row of 18 semi-mature trees, most well-established, 4 recent replacements within row show low vigour. Gaps middle and E end could take 2 additional replacements each.	
5453	Sycamore	0.3	4	4	4	5	6	3	B2	Good	E-M	1	>40	Footpath.			Stem lean.	
5454	Sycamore	0.6	5	6	5	6	10	3	B2	Good	M	1	>40	Footpath.				
5455	Norway maple	0.4	5	7	5	6	10	3	C2	Fair	M	1	10 to 20	Footpath.			Included bark, weak fork in main scaffold limb.	Monitor compression fork at regular intervals.
5456	Sycamore	0.3	6	6	5	3	9	3	B2	Fair	E-M	1	>40	Footpath.			Stem wound, exposed timber remains sound.	
5457	Sycamore 'Variegatum'	0.15	3	2	2	2	4	3	C2	Good	S-M	1	>40	Footpath.				
5458	Sycamore	0.45	6	6	5	5	11	3	C2	Fair	M	1	20 to 40	Footpath.			Bark necrosis.	Crown lift to give adequate headroom clearance.

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5459	Sycamore	0.4	5	5	5	5	8	3	B2	Good	E-M	1	>40	Footpath.				Crown lift to give adequate headroom clearance.
5460	Norway maple	0.3	6	4	5	4	8	3	B2	Fair	E-M	1	>40	Footpath.			Stem wound, exposed timber remains sound. Branch stubs from past pruning/storm damage.	Crown clean, remove dead wood, weak, crossing branches and debris.
5461	Common lime	0.5	5	4	6	3	16	3	B2	Fair	M	1	>40	Footpath.			Minor cavity/decay in main scaffold limb.	Crown clean, remove dead wood, weak, crossing branches and debris.
5462	Horse chestnut	0.55	4	5	6	3	15	3	B2	Fair	M	1	20 to 40	Road.			Stem lean. Canopy 1-sided.	
5463	Common lime	0.45	6	4	5	2	15	3	B2	Fair	M	1	20 to 40	Road.			Stem lean. Damaged, hanging branch. Minor dead wood (<50mm dia).	Crown clean, remove dead wood, weak, crossing branches and debris.
5464	Horse chestnut	0.7	5	6	4	5	12	3	A1	Fair	M	1	20 to 40	Road.			Longitudinal crack in main stem.	
5465	Common lime	0.5	5	5	5	4	16	3	B2	Fair	M	1	>40	Road.			Stem lean.	
5466	Horse chestnut	0.5	5	5	6	4	12	3	B2	Good	M	1	>40	Road.			Growth blocking adjacent lampost.	Tip back secondary branch growth to remove conflict with adjacent lampost.
5467	Lawson cypress	0.4	2	2	2	2	15	3	C2	Poor	M	1	<10	Road.			Significant cavity/decay in stem at ground level.	Monitor decay at regular intervals.
5468	Common lime	0.5	5	4	6	3	16	3	B2	Good	M	1	>40	Road.				
5469	Horse chestnut	0.7	5	5	6	4	13	3	B2	Fair	M	1	20 to 40	Road.			Stem wound, exposed timber remains sound. Wound occluding	
5470	Lawson cypress	0.45	2	2	2	2	14	3	B2	Fair	M	1	20 to 40	Road.			Included bark, weak fork in main scaffold limb.	
5471	Common lime	0.45	7	4	5	1	16	3	B2	Fair	M	1	>40	Road.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5472	Horse chestnut	0.7	7	7	6	4	14	3	B2	Good	M	1	>40	Road.			Stem wound, exposed timber remains sound.	
5473	Common lime	0.5	7	5	9	3	16	3	B2	Fair	M	1	>40	Road.			Canopy 1-sided. Poor crown structure. Prune off limb over road to rebalance crown	Crown reduction.
5474	Horse chestnut	0.65	5	3	4	3	12	3	B2	Good	M	1	20 to 40	Road.			Bark necrosis in crown	
5475	Lawson cypress	0.4	3	3	3	3	13	3	C2	Fair	M	1	20 to 40	Road.				

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5476	Common lime	0.55	5	5	5	3	17	3	B2	Fair	M	1	>40	Road.			Damaged, hanging branch.	Crown clean, remove dead wood, weak, crossing branches and debris.
5477	Horse chestnut	0.5	4	4	5	3	12	3	B2	Fair	M	1	>40	Road.			Canopy suppressed.	
5478	Lawson cypress	0.6	3	3	3	3	14	3	C2	Fair	M	1	20 to 40	Road.			Included bark, weak fork in main scaffold limb.	
5479	Common lime	0.4	4	3	4	2	12	3	B2	Fair	M	1	>40	Road.			Minor dead wood (<50mm dia).	Crown clean, remove dead wood, weak, crossing branches and debris.
5480	Horse chestnut	0.7	6	6	5	4	12	3	B2	Fair	M	1	>40	Road.			Bark staining, spotting, exudation. Minor cavity/decay in main scaffold limb. Spot of canker	
5481	Common lime	0.45	6	3	4	3	15	3	B2	Good	M	1	>40	Road.			Minor dead wood (<50mm dia). Damaged, hanging branch.	Crown clean, remove dead wood, weak, crossing branches and debris.
5482	Horse chestnut	0.55	5	6	5	6	12	3	B2	Fair	M	1	>40	Road.			Longitudinal crack in main stem.	
5483	Common lime	0.4	8	5	5	2	15	3	B2	Good	M	1	>40	Road.			Minor dead wood (<50mm dia).	Complete dead-wooding.
5484	Horse chestnut	0.65	6	7	5	6	13	3	B2	Good	M	1	>40	Road.			Bark staining, spotting, exudation. Soit of canker	
5485	Common lime	0.4	7	3	3	3	15	3	B2	Fair	M	1	>40	Road.			Stem lean. Canopy suppressed. Minor dead wood (<50mm dia).	Crown clean, remove dead wood, weak, crossing branches and debris.
5486	Horse chestnut	0.85	5	7	6	4	13	3	B2	Good	M	1	20 to 40	Road.			Some bark necrosis in crown	
5487	Common lime	0.55	4	7	6	6	14	3	A1	Good	E-M	1	>40					
5488	Horse chestnut	0.68	7	7	7	7	15	3	B1	Fair	M	1	20 to 40				Minor girdling root W. isolated bleeding cankers on stem.	
5489	Common lime	0.39	7	4	4	7	16	6	A1	Good	E-M	1	>40	Footway	Tolerable - medium	3 months	Small diameter deadwood over path.	Deadwood over path
5490	Common lime	0.45	8	7	6	6	15	5	A1	Good	E-M	1	>40				Large crown lifting wound occluding slowly.	
5491	Common lime	0.44	5	6	4	8	17	3	A1	Good	E-M	1	>40					

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5492	Lawson cypress	0.4	3	2	2	2	12	3	C2	Fair	M	1	20 to 40	Footpath.			Stem wound, exposed timber remains sound. Included bark, weak fork in main scaffold limb.	
5493	Horse chestnut	0.43	5	5	5	5	13	3	C1	Fair	E-M	1	10 to 20				Minor cavity in substem W.	
5494	Common lime	0.45	5	3	4	5	14	3	A1	Good	M-A	1	>40					
5495	Wild cherry	0.3	3	3	2	4	10	2	B1	Good	M-A	1	20 to 40					
5496	Horse chestnut	0.6	7	4	5	5	10	3	U	Poor	M-A	1	<10	Footpath.	Tolerable - medium	3 months	Significant cavity/decay in stem. Minor crown dieback. Bleeding Canker. Significantly bark death, previously shed limb onto path.	Fell.
5497	Lawson cypress	0.35	2	1	2	2	14	1	C1	Fair	M-A	1	10 to 20				Included bark, compression fork at 3m.	Monitor compression fork at regular intervals.
5498	Wild cherry	0.35	3	4	2	4	9	2	B1	Fair	M-A	1	20 to 40				Low vigour, poor shoot extension, thin foliage. Minor dead wood (<50mm dia). Branch snag at 3m, will decay back into main stem.	
5499	Common lime	0.5	5	5	3	5	14	2	A1	Good	M-A	1	>40				Old bark wound healed over.	
5500	Horse chestnut	0.5	4	5	3	5	12	2	A1	Good	M-A	1	>40					
5501	Common lime	0.45	5	4	4	5	13	2	A1	Good	M-A	1	>40				Damaged, hanging branch. Dense crown.	Remove damaged branch.
5502	Lawson cypress	0.4	2	2	2	2	14	2	B1	Fair	M-A	1	20 to 40				Physical damage to bark. Included bark, compression fork at 5m.	
5503	Horse chestnut	0.45	3	4	3	3	11	3	A1	Good	M-A	1	>40					
5504	Common lime	0.45	5	4	3	5	15	4	A1	Good	M-A	1	>40				Small snapped hanging branch, not significant.	
5505	Common lime	0.35	3	3	4	4	12	3	A1	Good	M-A	1	>40					
5506	Horse chestnut	0.5	4	3	3	5	10	2	A1	Good	M-A	1	>40				Isolated stain on stem, possible early canker.	Monitor condition annually.
5507	Common lime	0.4	5	4	4	4	13	3	A1	Good	M-A	1	>40					
5508	Lawson cypress	0.35	2	1	3	1	11	2	C1	Fair	M-A	1	10 to 20				Stem lean. Minor damage to stem base, isolated decay. Not good specimen.	
5509	Common lime	0.45	6	6	5	3	15	3	A1	Good	M-A	1	>40				V minor split, cavity at 4m, S.	

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5510	Lawson cypress	0.35	1	1	3	1	10	2	C1	Poor	M-A	1	10 to 20	Footpath.	Acceptable	1 year	Physical damage to bark. Spiral strip of dead bark, on compression side of leaning ste.	Monitor condition annually.
5511	Horse chestnut	0.75	7	6	5	7	13	3	B1	Good	M	1	20 to 40				Slightly thin crown, possibly climatic.	
5512	Sycamore	0.3	2	2	3	2	9	3	C1	Poor	E-M	1	10 to 20				Low vigour, poor shoot extension, thin foliage. Minor crown dieback.	Monitor condition annually.
5513	Bird cherry	0.3	2	4	3	3	6	2	B1	Good	M	1	20 to 40					
5514	Common lime	0.35	5	3	4	4	7	2	A1	Good	E-M	1	>40					
5515	Sycamore 'Variegatum'	0.4	5	5	5	4	10	3	A1	Good	M-A	1	>40					
5516	Bird cherry	0.35	3	3	1	3	7	2	C1	Poor	M	1	10 to 20	Open space	Acceptable	1 year	Minor cavity/decay in stem. Bark staining, spotting, exudation. Probable basal decay, contained.	Monitor decay at regular intervals.
5517	London plane	0.6	7	7	8	6	14	3	A1	Good	M-A	1	>40				Adjacent to play area.	
5518	Norway maple	0.45	5	6	5	4	10	3	A1	Good	M-A	1	>40				Adjacent to play area.	
5519	Common lime	0.6	5	6	6	3	14	2	A1	Good	M-A	1	>40					
5520	Common lime	0.5	5	6	6	3	14	3	A1	Good	M-A	1	>40				Minor dead wood (<50mm dia).	
5521	Common lime	0.4	5	5	7	3	10	2	A1	Good	M-A	1	>40					
5522	Common lime	0.55	7	4	7	3	16	3	A1	Good	M-A	1	>40	Footpath.	Acceptable	1 year	Minor dead wood (<50mm dia). Damaged, hanging branch.	Complete dead-wooding. Crown clean, remove dead wood, weak, crossing branches and debris.
5523	Common lime	0.45	7	4	5	5	14	3	A1	Good	M-A	1	>40					
5524	Common lime	0.55	6	2	5	2	15	4	A1	Good	M-A	1	>40					
5525	Common lime	0.65	7	3	6	5	14	4	A1	Good	M-A	1	>40				Damaged, hanging branch.	
5526	Common lime	0.55	6	4	7	4	15	3	B1	Good	M-A	1	>40				Stem lean. Lean NE, then upright.	
5527	Common lime	0.65	6	4	7	5	15	3	A1	Good	M-A	1	>40					
5528	Common lime	0.6	6	4	6	4	12	4	A1	Good	M-A	1	>40				Wound to main scaffold limb at 3m.	
5529	Common lime	0.6	6	4	5	4	16	2	A1	Good	M-A	1	>40					
5530	Common lime	0.5	6	5	6	5	15	3	A1	Good	M-A	1	>40					

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5531	Common lime	0.5	5	3	6	4	16	3	A1	Good	M-A	1	>40				Damaged, hanging branch. Most of 25-40 small snapped branches from recent storm, of no significant hazard, not warranting remedial action.	
5532	Common lime	0.55	7	5	5	5	15	3	A1	Good	M-A	1	>40				Damaged, hanging branch.	
5533	Common lime	0.7	7	4	6	5	16	3	A1	Good	M-A	1	>40				Damaged, hanging branch.	
5534	Common lime	0.5	5	4	5	3	13	3	A1	Good	M-A	1	>40					
5535	Common lime	0.55	5	5	6	4	15	3	A1	Good	M-A	1	>40					
5536	Common lime	0.55	5	5	7	5	15	3	A1	Good	M-A	1	>40					
5537	Common lime	0.65	6	6	4	4	16	3	A1	Good	M-A	1	>40				Small damaged hanging branch, not significant.	
5538	Common lime	0.6	4	6	5	6	16	3	A1	Good	M-A	1	>40				Minor dead wood (<50mm dia).	
5539	Common lime	0.6	3	9	4	4	14	3	A1	Good	M-A	1	>40				Minor dead wood (<50mm dia).	
5540	Common lime	0.5	4	6	4	4	14	3	C1	Poor	M-A	1	10 to 20	Footpath.	Tolerable - medium	1 year	Significant cavity/decay in stem. Break-out wound at 7m. Hollow at base, 50% decay. Break out wound and tear in main branch. Limited safe life.	Monitor decay at regular intervals.
5541	Common lime	0.55	4	6	5	6	17	3	A1	Good	M-A	1	>40					
5542	Common lime	0.65	4	6	5	4	15	4	A1	Good	M-A	1	>40					
5543	Common lime	0.5	4	5	6	2	15	3	A1	Good	M-A	1	>40				Minor dead wood (<50mm dia).	
5544	Common lime	0.5	5	7	3	4	15	3	A1	Good	M-A	1	>40				Minor dead wood (<50mm dia).	
5545	Common lime	0.6	3	6	8	3	14	3	A1	Good	M-A	1	>40					
5546	Common lime	0.5	4	4	4	2	15	3	A1	Good	M-A	1	>40					
5547	Hawthorn	0.25	2	2	2	2	6	3	C1	Poor	M-A	1	10 to 20				Canopy suppressed. Low vigour, poor shoot extension, thin foliage.	
5548	Ash	0.6	5	5	7	6	16	3	B1	Fair	M	1	20 to 40				Low vigour, poor shoot extension, thin foliage. BT cables through crown.	Tip back secondary branch growth to remove conflict with adjacent structure.
5549	Sycamore	0.3	1	4	4	4	12	3	A1	Good	E-M	1	>40				Grows into crown of ash.	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5550	Common lime	0.45	6	3	4	4	16	4	B1	Good	M-A	1	>40				Storm damage. Open crown, past storm damage treatment. May require follow-up pruning to reduce leggy exposed upper branches.	Crown reduction.
5551	Common lime	0.5	5	5	5	2	16	4	A1	Good	M-A	1	>40	Footpath.	Acceptable	1 year	Minor dead wood (<50mm dia). Small dead branch over path.	Complete dead-wooding.
5552	Common lime	0.3	6	2	5	4	12	2	B1	Fair	M-A	1	>40				Canopy suppressed.	
5553	Common lime	0.45	6	3	2	6	16	3	B1	Good	M-A	1	>40				Minor cavity/decay in stem at ground level.	Monitor decay at regular intervals.
5554	Lawson cypress	0.4	3	1	2	1	12	3	B1	Fair	M-A	1	20 to 40				Stem lean. Swept stem, leaning N, under compression.	
5555	Lawson cypress	0.45	3	2	3	1	14	2	C1	Fair	M-A	1	10 to 20	Footpath.	Acceptable	1 year	Included bark, compression fork at 4m. Weak fork with significant reaction wood.	Monitor compression fork at regular intervals.
5556	Common lime	0.45	5	5	5	4	12	3	B1	Good	M-A	1	>40				Minor cavity/decay in stem at ground level.	Monitor decay at regular intervals.
5557	Scots pine	0.35	6	1	2	3	9	2	C1	Fair	M-A	1	>40				Poor crown form. Bends, biased to N.	
5558	Purple-leafed plum	0.35	4	2	3	2	6	2	B1	Good	M	1	20 to 40					
5559	Common lime	0.45	4	4	5	5	12	3	A1	Good	M-A	1	>40				Old break out wound in crown, not significant.	
5560	Purple-leafed plum	0.3	4	2	2	4	6	3	B1	Good	M-A	1	20 to 40				Small minor pocket of decay in stem at 1m.	
5561	Lawson cypress	0.4	2	1	2	1	12	3	C1	Fair	M-A	1	10 to 20				Large, open pruning wound at 2m, crown open to S.	
5562	Lawson cypress	0.35	1	2	3	1	12	3	C1	Poor	M-A	2	10 to 20	Open space	Acceptable	1 year	Physical damage to bark. Minor cavity/decay in stem. Stem wounds from gl- 2m. Swept stem, decay in zone of compression.	Monitor decay at regular intervals.
5563	Lawson cypress	0.2	1	1	1	1	7	2	C1	Fair	E-M	1	10 to 20				Small, suppressed.	
5564	Common lime	0.5	5	3	4	3	16	4	A1	Good	M-A	1	>40	Footpath.	Acceptable	1 year	Minor dead wood (<50mm dia). Damaged, hanging branch. Crossing limb at 3m.	Complete dead-wooding. Crown clean, remove dead wood, weak, crossing branches and debris.

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5565	Common lime	0.45	3	5	4	3	16	4	A1	Good	M-A	1	>40	Footpath.	Acceptable	3 months	Damaged, hanging branch. Storm damage, fractured hanging branches over path.	Remove damaged branch. Crown clean, remove dead wood, weak, crossing branches and debris.
5566	Common lime	0.7	7	3	5	2	17	5	A1	Good	M	1	>40				Stem lean. Physical damage to bark. Stem wound 1-2m, contact damage from machinery.	
5567	Common lime	0.65	7	5	8	2	15	4	A1	Good	M-A	1	>40	Footpath.	Acceptable	1 year	Minor dead wood (<50mm dia). Dead banch over path to W, and over open space N.	Complete dead-wooding.
5568	Common lime	0.4	5	2	2	4	12	3	B1	Good	M-A	1	>40	Open space	Acceptable	1 year	Stem lean. Damaged, hanging branch. Small decaying branch stub at 2m.	Remove damaged branch.
5569	Common lime	0.45	5	4	6	6	16	3	B1	Good	M-A	1	>40	BT pole/cables.	Acceptable	3 months	Branches affecting adjacent structure. Shorten branch to W to free BT cables.	Tip back secondary branch growth to remove conflict with adjacent structure.
5570	Common lime	0.55	6	4	4	2	16	4	B1	Good	M-A	1	>40				Minor dead wood (<50mm dia). Branches affecting adjacent structure. Small branch N resting on overhead wires. Small dead branches.	Crown clean, remove dead wood, weak, crossing branches and debris.
5571	Norway maple	0.5	5	6	5	3	14	3	B1	Good	M-A	1	>40	Footpath.	Acceptable	1 year	Included bark, weak fork at main branch union at 3m. Inclusion E side, not serious.	Monitor compression fork at regular intervals.
5572	Small-leaved lime	0.25	2	3	3	3	6	2	A1	Good	E-M	1	>40					
5573	Small-leaved lime	0.2	3	3	3	2	6	2	A1	Good	E-M	1	>40					
5574	Small-leaved lime	0.25	2	3	3	2	6	2	A1	Good	E-M	1	>40					
5575	Common alder	0.2	4	3	3	3	9	3	B1	Good	E-M	3	>40				Low fork. Old stake/tie to remove.	
G5575A	Mixed	0.07	1	1	1	1	1	3	C2	Fair	Y	1	20 to 40				Scattered group of standard, staked trees comprising Himalayan birch, purple crab, Turkish hazel, silver maple. 2 dead.	
5576	Common alder	0.25	2	3	3	3	10	2	A1	Good	E-M	1	>40					
5577	Common alder	0.2	3	3	3	2	9	2	B1	Fair	E-M	3	>40				Physical damage to bark. Forks at ground level. Stem wound N side.	

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5578	Common alder	0.2	2	3	3	1	8	2	B1	Good	E-M	2	20 to 40				Included bark, compression fork at ground level.	
5579	Common alder	0.2	3	2	3	3	9	2	B1	Good	E-M	3	>40				Physical damage to bark. Small wound at gl.	
5580	Common alder	0.2	3	3	3	2	9	2	B1	Good	E-M	3	>40					
5581	Common alder	0.2	3	3	3	3	8	2	B1	Good	E-M	3	>40					
5582	Common alder	0.2	3	3	3	3	8	2	B1	Fair	E-M	5	>40					
5583	Common alder	0.15	3	3	2	3	9	2	B1	Good	S-M	4	>40					
5584	Common alder	0.15	3	3	3	2	8	2	B1	Fair	S-M	2	>40				Previous group of multi-stem alder, all reasonable condition, low forks with some pruning out of stems. Stakes still present to be removed.	
5585	Beech	0.35	4	4	3	4	12	3	U	Dead	M-A	1		Footpath.	Tolerable - medium	3 months		Fell.
5586	Sycamore	0.4	3	3	3	3	12	2	A1	Good	M-A	1	>40				Isolated, open grown.	
G5586A	Field maple	0.1	1	1	1	1	3	1	C2	Good	Y	1	>40				Line of 23 young, staked trees.	
5587	Common lime	0.45	5	3	4	4	15	4	A1	Good	M-A	1	>40				Slight bias N, small, healed crack at 1m.	
5588	Norway maple	0.35	5	4	5	6	10	3	B1	Good	M-A	1	>40				Sparse crown. Large pruning wound, 2m E.	
5589	Norway maple	0.4	4	4	4	4	10	3	C1	Fair	M-A	1	10 to 20	Footpath.	Acceptable	1 year	Minor cavity/decay in stem. Old wound, gl- 2m, probably bark tear from removed branch. 3 pruning wounds failing to heal.	Monitor decay at regular intervals.
5590	Common lime	0.4	4	3	5	5	13	4	A1	Good	M-A	1	>40				Old healed stem wound.	
5591	Common lime	0.4	5	4	5	4	14	4	A1	Good	M-A	1	>40					
5592	Sycamore	0.45	4	4	5	4	12	4	A1	Good	M-A	1	>40					
5593	Common lime	0.4	4	5	4	5	12	3	A1	Good	M-A	1	>40					
5594	Norway maple	0.4	4	5	5	4	8	2	B1	Good	M-A	1	>40				Minor dead wood (<50mm dia). Thin, open-crowned. Minor dead wood in centre.	
5595	Sycamore	0.45	3	4	5	4	13	2	C1	Fair	M-A	1	20 to 40				Physical damage to bark. Bark stripped, some healing but significant exposed wood, likely to decay in long term.	Monitor condition annually.
5596	Common lime	0.45	3	4	4	4	12	2	A1	Good	M-A	1	>40					

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5597	Norway maple	0.4	4	4	5	4	9	3	B1	Good	M-A	1	>40				Minor dead wood (<50mm dia). Thin crown. Possibly drought-related.	
5598	Norway maple	0.4	3	4	4	4	10	3	B1	Fair	M-A	1	>40				Minor dead wood (<50mm dia). Thinning crown.	
5599	Common lime	0.4	4	3	4	4	11	2	A1	Good	M-A	1	>40					
5600	Common lime	0.4	4	4	4	4	11	2	A1	Good	M-A	1	>40					
5601	Norway maple	0.4	4	4	5	5	10	2	A1	Good	M-A	1	>40					
5602	Common lime	0.4	4	4	5	4	12	2	A1	Good	M-A	1	>40					
5603	Common lime	0.4	3	4	3	4	12	1	A1	Good	M-A	1	>40					
5604	Japanese cherry	0.35	4	3	3	3	6	2	C1	Poor	M-A	1	10 to 20	Footpath.	Acceptable	1 year	Minor decay in buttress. Minor crown dieback. Surface root decayed, thin crown.	Monitor decay at regular intervals.
5605	Sycamore	0.35	4	4	4	4	6	2	C1	Poor	E-M	1	10 to 20	Footpath.	Acceptable	1 year	Minor cavity/decay in stem at ground level. Minor crown dieback. Minor dead wood (<50mm dia). No significant hazard.	Monitor decay at regular intervals.
5606	Norway maple	0.4	4	4	3	3	11	2	A1	Good	E-M	1	>40				Old bark split, healed.	
5607	Sycamore	0.6	6	5	5	5	12	3	A1	Good	M-A	1	>40	Building.	Acceptable	3 months	Branches affecting adjacent structure. Slight crack in adjacent path. Branches overhang balcony in adjacent flats.	Tip back secondary branch growth to remove conflict with adjacent structure.
5608	Sycamore	0.35	5	6	5	4	10	3	B1	Good	M-A	1	>40	Building.	Acceptable	1 year	Minor dead wood (<50mm dia). Branches close to flats and satellite dishes.	Tip back secondary branch growth to remove conflict with adjacent structure.
5609	Common lime	0.35	4	3	4	4	14	1	A1	Good	M-A	1	>40					Remove epicormic growth.
5610	Common lime	0.35	4	3	4	4	12	2	A1	Good	M-A	1	>40					
5611	Common lime	0.3	3	2	2	4	10	2	B1	Good	M-A	1	>40				Stem lean.	
5612	Ash	0.55	4	6	7	7	13	1	A1	Good	M-A	1	>40				Small snags from twig loss.	
5613	Common lime	0.65	8	4	8	7	15	1	A1	Good	M	1	>40				Dense canopy, many branches from 5m, low spreading crown.	
5614	Common lime	0.5	5	5	5	4	12	2	A1	Good	M-A	1	>40				Damaged, hanging branch. Small, N side, lodged in crown.	
5615	Common lime	0.4	6	5	4	6	12	2	C1	Fair	M-A	1	20 to 40	Open space	Acceptable	1 year	Minor cavity/decay in stem. Wound from gl-2m, E side, timber still sound.	Monitor decay at regular intervals.

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5616	Common lime	0.5	6	6	6	5	10	2	B1	Good	M-A	1	>40				Physical damage to bark at 1m. Slight disruption to adjacent path.	
5617	Common lime	0.4	4	5	3	4	10	2	A1	Good	M-A	1	>40					
5618	Sycamore	0.4	3	2	2	2	12	3	A2	Good	M-A	1	>40					
5619	Sycamore	0.4	4	3	4	2	11	3	B2	Good	M-A	1	>40				Minor dead wood (<50mm dia). Slight top dieback.	
5620	Sycamore	0.4	1	3	2	4	12	3	A2	Good	M-A	1	>40					
5621	Norway maple	0.3	2	2	4	2	9	2	C2	Poor	M-A	1	10 to 20	Footpath.	Acceptable	1 year	Minor cavity/decay in stem. Stem wound and decay, gl-2m. Timber sound, but limited safe life.	Monitor decay at regular intervals.
5622	Sycamore	0.3	1	3	1	4	12	3	B2	Fair	M-A	1	>40				Restricted crown development.	
5623	Sycamore	0.4	3	2	4	4	12	3	B2	Good	M-A	1	>40				Minor cavity/decay in stem. Small wound/decay at 1m.	
5624	Common lime	0.5	4	5	5	4	14	3	A2	Good	M-A	1	>40	Footpath.	Acceptable	3 months	Minor dead wood (<50mm dia). Dead wood over path E.	Complete dead-wooding.
5625	Sycamore	0.3	4	2	2	2	11	3	B2	Good	M-A	1	>40				Restricted crown development.	
5626	Sycamore	0.3	2	3	1	2	10	3	C2	Poor	M-A	1	10 to 20	Open space	Acceptable	1 year	Significant cavity/decay in stem. Wound and decay from gl-2m.	Monitor decay at regular intervals.
5627	Sycamore	0.25	2	2	2	2	12	4	B2	Fair	M-A	1	>40				Restricted crown development.	
5628	Sycamore	0.25	3	2	2	1	12	4	B2	Good	M-A	1	>40				Minor cavity/decay in stem at ground level. Restricted crown development.	
5629	Sycamore	0.25	3	1	2	3	10	3	B2	Fair	M-A	1	20 to 40				Low vigour, poor shoot extension, thin foliage.	
5630	Common lime	0.45	5	3	3	4	14	3	A2	Good	M-A	1	>40				Minor dead wood (<50mm dia).	Remove epicormic growth.
5631	Sycamore	0.25	2	2	1	3	11	4	B2	Fair	M-A	1	>40				Restricted crown development.	
5632	Sycamore	0.35	2	2	2	2	12	3	B2	Fair	M-A	1	>40				Minor dead wood (<50mm dia).	
5633	Sycamore	0.4	2	2	3	1	14	3	A2	Good	M-A	1	>40					
5634	Sycamore	0.3	2	2	2	3	9	3	C2	Poor	M-A	1	10 to 20				Low vigour, poor shoot extension, thin foliage. Minor crown dieback. Weak tree, no obvious cause.	Monitor condition annually.

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5635	Sycamore	0.25	2	2	1	3	9	3	B2	Good	M-A	1	>40				Low vigour, poor shoot extension, thin foliage.	
5636	Common lime	0.4	3	4	4	3	10	1	B2	Good	M-A	1	>40				Minor cavity/decay in stem at 1m. Small cavity, not significant.	Remove epicormic growth.
5637	Sycamore	0.2	1	1	1	2	11	5	B2	Fair	M-A	1	>40				Restricted crown development.	
5638	Sycamore	0.35	3	3	1	3	13	2	A2	Good	M-A	1	>40					
5639	Sycamore	0.4	4	3	1	3	14	3	A2	Good	M-A	1	>40					
5640	Sycamore	0.4	4	2	3	2	15	2	A2	Good	M-A	1	>40					
5641	Common lime	0.65	6	7	8	4	13	1	B2	Good	M	1	>40				Minor cavity/decay in stem. Wound and decay from gl-2m.	Monitor decay at regular intervals.
5642	Sycamore	0.4	1	3	5	2	13	2	A2	Good	M-A	1	>40					
5643	Sycamore	0.4	2	2	3	3	15	3	A2	Good	M-A	1	>40					
5644	Sycamore	0.3	2	2	2	2	14	6	B2	Good	M-A	1	>40				Restricted crown development.	
5645	Sycamore	0.4	2	6	3	5	12	3	A2	Good	M-A	1	>40					
5646	Sycamore	0.35	2	3	3	2	13	4	A2	Good	M-A	1	>40					
5647	Sycamore	0.35	2	4	4	3	12	2	A2	Good	M-A	1	>40					
5648	Common lime	0.55	5	6	7	4	12	2	A1	Good	M-A	1	>40	Open space	Acceptable	3 months	Damaged, hanging branch.	Remove damaged branch. Remove epicormic growth.
5649	Common lime	0.55	6	4	5	4	13	1	A1	Good	M-A	1	>40					
5650	Silver maple	0.65	8	4	7	6	12	1	B1	Good	M	1	20 to 40	Footpath.	Tolerable - medium	1 year	Hazard Beam. Limb N over path from weak fork. Species generally brittle, always risk of collapse.	Monitor condition annually.
5651	Rowan	0.15	1	1	1	1	6	5	U	Dead	M-A	1		Footpath.	Acceptable	3 months		Fell.
5652	Common lime	0.55	5	5	7	5	13	1	A1	Good	M-A	1	>40				Damaged, hanging branch.	Remove damaged branch.
5653	Japanese cherry	0.4	4	5	4	3	8	3	C1	Fair	M-A	1	10 to 20				Low vigour, poor shoot extension, thin foliage.	
5654	Common lime	0.5	5	5	7	5	13	2	A1	Good	M-A	1	>40					
5655	Horse chestnut	0.6	6	5	6	5	11	2	A1	Good	M-A	1	>40					
5656	Sycamore 'Variegatum'	0.3	4	4	3	1	7	2	B1	Good	M-A	1	>40					
5657	Japanese cherry	0.4	5	5	4	4	6	2	B1	Fair	M-A	1	20 to 40				Low vigour, poor shoot extension, thin foliage.	

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5658	Horse chestnut	0.55	6	6	8	8	8	2	B1	Good	M-A	1	20 to 40				Minor cavity/decay in stem at ground level.	Monitor decay at regular intervals.
5659	Sycamore 'Variegatum'	0.45	6	6	3	5	11	2	A1	Good	M-A	1	>40					
5660	Sycamore	0.5	5	5	5	3	13	2	A1	Good	M-A	1	>40				Close to building, will require periodic pruning S side.	
5661	Silver birch	0.3	3	3	3	2	14	2	B1	Good	M-A	1	20 to 40				Slight lean E.	
5662	Horse chestnut	0.25	2	4	4	2	7	3	C1	Fair	E-M	1	10 to 20	Footpath.	Acceptable	1 year	Minor decay in buttress. Small, open crown structure, poor form.	Monitor decay at regular intervals.
5663	Horse chestnut	0.4	5	5	5	4	7	2	C1	Poor	M-A	1	10 to 20	Footpath.	Acceptable	1 year	Minor cavity/decay in stem. Physical damage to bark. Significant stem damage, bark stripped, beginning to decay.	Monitor decay at regular intervals.
5664	Sycamore	0.35	3	3	3	3	8	2	A1	Good	E-M	1	>40					
5665	Sycamore	0.25	3	3	3	3	6	2	A1	Good	E-M	1	>40					
5666	Ash	0.3	3	3	4	2	8	2	A1	Good	E-M	1	>40					
5667	Sycamore	0.15	1	1	1	1	5	2	U	Dying	S-M	1	<10	Road.	Acceptable	3 months		Fell.
5668	Common lime	0.25	4	4	4	3	7	2	A1	Good	E-M	1	>40				Stem lean.	
5669	Sycamore	0.45	4	5	5	4	10	4	A1	Good	M-A	1	>40	Road.	Acceptable	1 year	Minor dead wood (<50mm dia).	Complete dead-wooding.
5670	Norway maple	0.5	5	4	7	3	15	5	A1	Good	M-A	1	>40				Slight lean and bias to E.	
5671	Sycamore 'Variegatum'	0.4	4	3	3	4	11	3	A1	Good	M-A	1	>40					
5672	Sycamore	0.4	3	4	4	3	13	3	A1	Good	M-A	1	>40					
5673	Ash	0.35	4	3	4	3	12	2	A1	Good	E-M	1	>40					
5674	Oak	0.55	7	6	5	7	13	3	A1	Good	M-A	1	>40				Wide-spreading crown.	
5675	Wild cherry	0.45	5	3	6	3	12	4	B1	Good	M	1	20 to 40					
5676	Wild cherry	0.3	4	3	1	2	11	3	B1	Fair	M-A	1	20 to 40				Canopy suppressed.	
5677	Norway maple	0.35	4	3	4	2	12	3	A1	Good	M-A	1	>40					
5678	Hornbeam	0.4	3	4	6	3	9	3	A1	Good	M-A	1	>40					
5679	Common lime	0.3	4	2	2	3	11	3	A1	Good	E-M	1	>40					
5680	Flowering cherry	0.35	1	2	4	5	6	2	B1	Fair	M-A	1	20 to 40				Canopy suppressed.	
5681	Sycamore	0.6	5	5	5	4	14	4	A1	Good	M	1	>40					
5682	Swedish whitebeam	0.25	2	2	2	2	7	3	B1	Good	M-A	1	20 to 40					

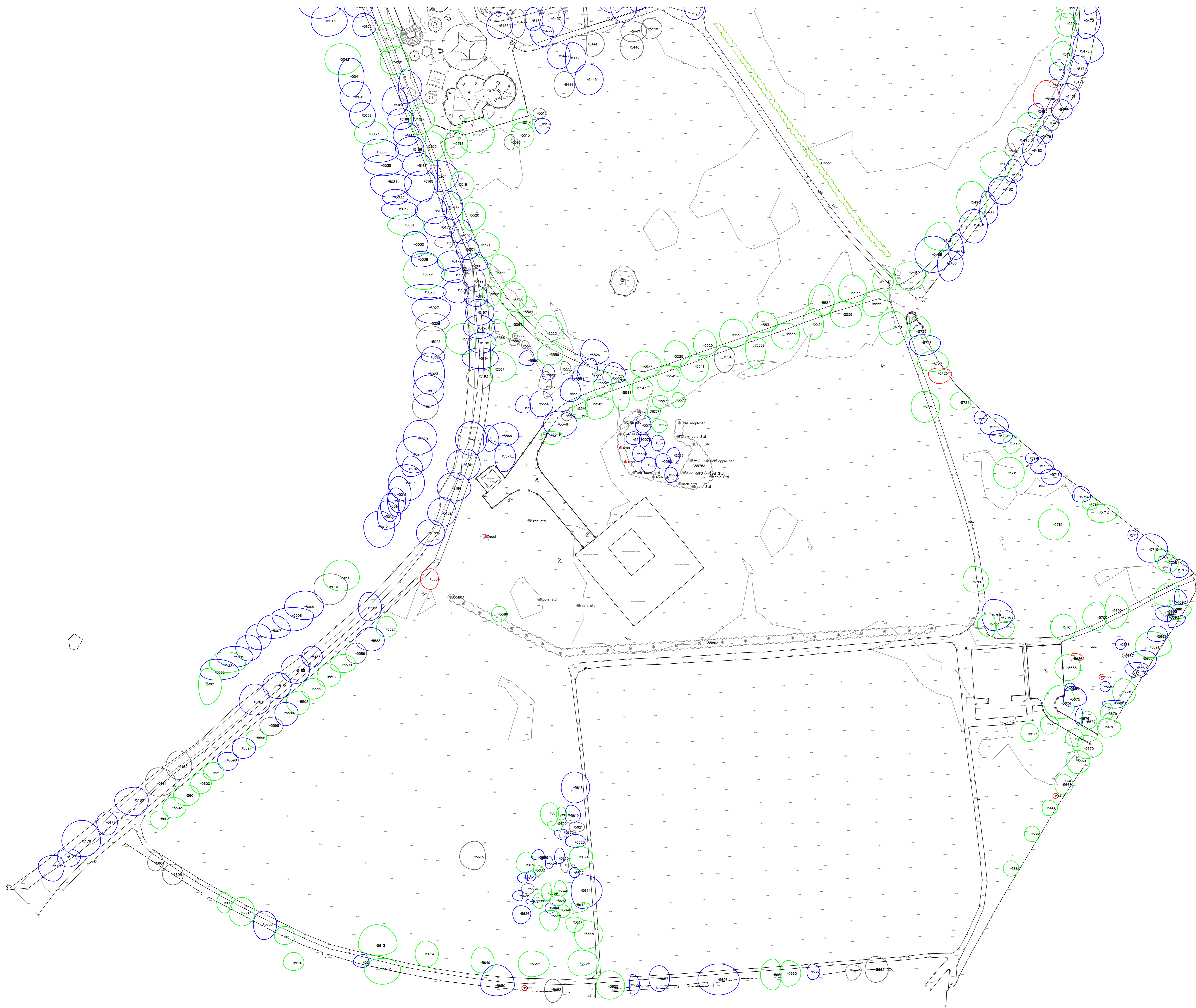
Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5683	Rowan	0.15	1	1	1	1	4	2	U	Dying	M-A	1	<10				4 small trees either dying or dead.	Fell.
5684	Swedish whitebeam	0.25	2	1	2	2	7	2	B1	Fair	M-A	1	20 to 40				Slightly suppressed.	
5685	Sycamore 'Variegatum'	0.5	5	5	5	5	11	3	A1	Good	M-A	1	>40					
5686	Rowan	0.25	2	1	4	1	5	2	U	Poor	M-A	1	<10	Open space	Acceptable	1 year	Stem lean. Minor cavity/decay in stem. Poor, leans 30deg E, supprssrd. Bark stripped at gl.	Fell.
5687	Vilmorin's rowan	0.15	1	1	1	1	4	2	C1	Poor	S-M	1	10 to 20				Poor specimen, limited crown.	
5688	Swedish whitebeam	0.2	2	2	2	2	7	2	B1	Good	M-A	1	20 to 40					
5689	Flowering cherry	0.35	2	4	4	5	7	2	B1	Fair	M-A	1	20 to 40					
5690	Flowering cherry	0.55	3	5	5	6	10	3	B1	Good	M	1	20 to 40					
5691	Ash	0.45	6	4	8	6	13	3	A1	Good	M-A	1	>40					
5692	Silver birch	0.3	4	2	4	4	8	2	B1	Fair	M-A	1	20 to 40				Canopy suppressed.	
5693	Norway maple	0.35	1	4	6	1	12	2	B2	Good	M-A	1	>40				Canopy 1-sided.	
5694	Scots pine	0.2	1	1	1	1	9	3	C2	Poor	E-M	1	10 to 20				Canopy suppressed.	
5695	Sycamore	0.3	2	4	2	5	11	3	B2	Good	E-M	1	>40					
5696	Sycamore	0.4	2	4	7	2	15	3	A2	Good	M-A	1	>40					
5697	Sycamore	0.3	5	1	4	1	11	2	B2	Good	E-M	1	>40					
5698	Sycamore 'Variegatum'	0.45	7	2	4	6	14	2	A1	Good	M-A	1	>40					
5699	Ash	0.6	6	7	6	3	15	3	A1	Good	M	1	>40					
5700	Ash	0.65	6	5	3	6	15	4	A1	Good	M	1	>40					
5701	Sycamore 'Variegatum'	0.55	5	5	5	5	12	3	A1	Good	M-A	1	>40				Flush pruning wound at 2m south slow to heal.	
5702	Sycamore 'Variegatum'	0.4	2	4	3	4	11	3	A1	Good	M-A	1	>40					Plastic tape around limb at 3m to remove.
5703	Sycamore 'Variegatum'	0.45	4	5	2	5	11	3	A1	Good	M-A	1	>40				Minor cavity/decay in stem. Small wound at 1.5m.	
5704	Ash	0.55	6	6	8	4	15	3	B1	Good	M-A	1	>40	Footpath.	Acceptable	1 year	Canopy 1-sided.Minor dead wood (<50mm dia). Dead branch in centre of crown.	Complete dead-wooding.

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5705	Flowering cherry	0.35	3	2	5	1	6	2	C1	Poor	M-A	1	10 to 20	Open space	Acceptable	1 year	Minor cavity/decay in stem.at ground level. Canopy suppressed. Poor flush pruning wound at 2m E.	Monitor decay at regular intervals.
5706	London plane	0.5	6	4	6	4	10	1	A1	Good	M-A	1	>40				Slight cracking of adjacent path.	
5707	Silver birch	0.35	4	3	4	3	8	2	B1	Fair	M-A	1	20 to 40				Physical damage to bark.at ground level.	
5708	Common lime	0.45	3	4	4	4	10	2	A1	Good	E-M	1	>40				Will require occasional CL over footpath and road. Not immediately required.	
5709	Common lime	0.35	3	2	5	2	10	1	A1	Good	E-M	1	>40					
5710	Ash	0.5	6	5	7	5	14	2	B1	Good	M-A	1	>40				Low vigour, poor shoot extension, thin foliage. Minor dead wood (<50mm dia). Thin crown, numerous small dead shoots. No indication of Chalara.	
5711	Crab apple	0.2	2	2	3	1	5	2	B1	Fair	M-A	1	20 to 40				Minor old wounds at stem base. Pruning wound and bark rear at 1.5m S.	
5712	Sycamore	0.55	3	4	7	5	15	3	A1	Good	M-A	1	>40					
5713	Sycamore	0.35	3	2	3	3	13	3	A1	Good	M-A	1	>40					
5714	Common lime	0.35	4	2	4	3	11	1	B1	Good	E-M	1	>40				Included bark, compression fork.at 3m. Slightly weak fork, unlikely to be a major problem. Routine monitoring.	
5715	Sycamore 'Variegatum'	0.55	6	6	6	6	12	3	A1	Good	M-A	1	>40				Variegated. Good open grown specimen.	
5716	Swedish whitebeam	0.5	2	4	4	4	9	2	B1	Good	M	1	20 to 40					
5717	Common lime	0.4	3	3	5	4	11	2	B1	Good	E-M	1	>40	Road.	Acceptable	1 year	Upright crown with several included branch unions.	Monitor compression fork at regular intervals.
5718	Silver birch	0.25	2	2	3	2	12	2	B1	Fair	M-A	1	20 to 40	Road.	Acceptable	1 year	Minor cavity/decay in stem.at 6m.Old storm damage, lost branch at 6m, new leader formed, old wound will decay and become point of weakness.	Monitor decay at regular intervals.
5719	Sycamore	0.6	6	6	6	6	13	2	A1	Good	M-A	1	>40				Good open grown specimen.	
5720	Common lime	0.3	3	4	4	3	9	1	A1	Good	E-M	1	>40					


Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Target	Hazard	Priority	Comments	Recommendations
5721	Cappadocian maple	0.35	2	3	5	4	8	3	B1	Good	E-M	1	>40	Open space	Tolerable - medium	6 months	Significant epicormic growth. Typical mass suckers from base.	Remove epicormic growth.
5722	Flowering cherry	0.45	5	3	7	4	7	2	B1	Good	M-A	1	20 to 40	Lighting pole/cables.	Acceptable	1 year	Branches affecting adjacent structure.	Tip back secondary branch growth to remove conflict with adjacent structure.
5723	Purple-leafed plum	0.3	3	2	3	2	5	2	B1	Good	M-A	1	20 to 40					
5724	Large-leafed lime	0.35	4	3	4	4	8	2	A1	Good	E-M	1	>40					
5725	London plane	0.45	6	6	6	5	10	2	A1	Good	M-A	1	>40					
5726	Flowering cherry	0.5	2	4	5	4	8	2	U	Poor	M	1	<10	Road.	Tolerable - medium	3 months	Decay fungus present. Significant cavity/decay in stem. Cavity/decay affecting main fork. Ganoderma. Secondary limb severely decayed, back into main fork. Fungal bracket at fork. Leans towards road.	Fell.
5727	Norway maple	0.45	5	3	6	6	10	3	A1	Good	M-A	1	>40	Lighting pole/cables.	Acceptable	3 months	Branches affecting adjacent structure. Significant branch growth around lamppost.	Tip back secondary branch growth to remove conflict with adjacent lamppost.
5728	Flowering cherry	0.55	3	5	7	5	9	2	B1	Good	M	1	20 to 40	Footpath.	Acceptable	1 year		Crown lift to give adequate headroom clearance.
5729	Norway maple	0.45	6	3	5	3	12	2	A1	Good	M-A	1	>40	Footpath.	Acceptable	1 year	Minor dead wood (<50mm dia) Small dead branch to W over path. Low shoots over pavement.	Crown lift to give adequate headroom clearance.
5730	Sycamore 'Purpureum'	0.55	6	7	5	6	10	3	A1	Good	M-A	1	>40					

KEY TO TREE SURVEY SCHEDULE

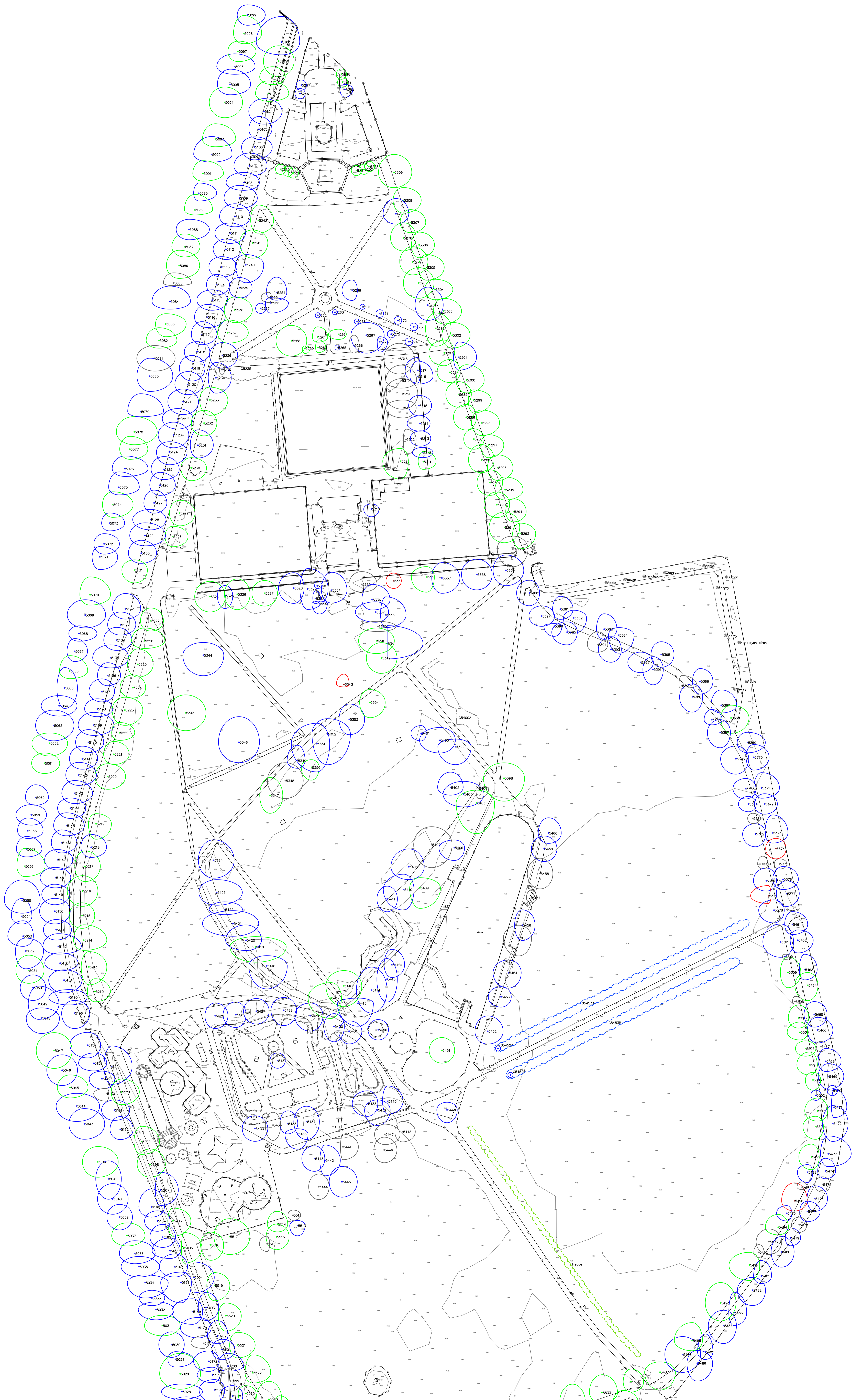
Tag No	Number as shown on survey plan
Species	Common name
DBH	Stem Diameter at Breast Height, measured at 1.5m above ground level, or immediately below fork. Diameter measured in 0.05m bands and rounded up to next 0.05m.
Canopy	Average canopy radius in metres.
Ht	Approximate tree height, estimated in metres
C Ht	Crown height, indicating clearance from ground level to lowest branches, measured in metres
BS Cat	British Standard 5837:2005 tree categorisation (see P.8)
Condition	General overall description of condition: Good, Fair, Poor, Dying, Dead
Age	Age class (Young, Early-Maturing, Middle-Aged, Mature, Over-Mature, Veteran)
Stems	Number of stems arising at or below 1.5m
Target	Surrounding features subject to nuisance or likely to be damaged or harmed in the event of tree failure
Hazard	The degree of harm likely as a function of the potential target and likelihood of tree failure Acceptable: Minor nuisance, damage or injury possible. Tolerable-Medium: moderate damage to property or serious injury requiring hospital treatment likely in the event of tree failure. High: Major structural damage or severe trauma likely in the event of tree failure.
Priority	Action period recommended (may include re-inspection)
ERC	Estimated Remaining Contribution (see Page 4-5)
Comments	Comment on any observed defects within the root zone or affecting visible buttress root system; on the main stem up to and including the point of the first main fork; and affecting main scaffold branch system or secondary branch structure. Will be left blank where tree condition is normal
Recommendations	Description of any recommended remedial tree work operations to be carried out in accordance with BS 3998:2010, and following the specifications identified in the Arboricultural Association Specification for Tree Works. Will be left blank where no work is required



Tree survey details recorded in accordance with BS5837:2012. Numbers relate to tree tags. For detailed tree information refer to the accompanying report and schedule.


CLIENT: Fabrik Council
PROJECT: Fabland Park, Grangemouth
DRAWING TITLE: Tree Survey - South
DRAWING No.: FC-ULC-27-15-01
DATE: 4-9-18 **SCALE:** 1:500 of A0 **REV:**

- TREES CATEGORY A
- TREES CATEGORY B
- TREES CATEGORY C
- TREES CATEGORY U
- TREE GROUP
Colour relates to Tree category



Tree survey details recorded in accordance with BS5837:2012. Numbers relate to tree tags. For detailed tree information refer to the accompanying report and schedule.

<p>Alan Motion Tree Consulting 14 The Quadrant, Grangemouth, Cornwall PL28 8JL Tel: 01799 382284 Fax: 01799 382284 www.alanmotion.co.uk</p>	CLIENT: Falmouth Council
	PROJECT: Falmouth Park, Grangemouth
	DRAWING TITLE: Tree Survey - North
	DATE: 4-8-18 SCALE: 1:500 at A0 REV:

- TREES CATEGORY A
- TREES CATEGORY B
- TREES CATEGORY C
- TREES CATEGORY U
- TREE GROUP
Colour relates to Tree category

