Arbux
Tree Consultancy

Arboricultural Impact Assessment & Method Statement

St George Church

East Boldon

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Executive Summary

ES1 This Arboricultural Impact Assessment (AIA) and Arboricultural Method Statement (AMS) has been prepared in accordance with *BS5837:2012 Trees in relation to design, demolition and construction – Recommendations.*

ES2 Arbux was commissioned to produce this report to accompany a planning application for proposed woodland access works at St George Church, East Boldon.

ES3 Forty-eight individual trees and two groups of trees surveyed. The partial removal of a low value group (G1) is required to facilitate the works. This will constitute a negligible impact.

ES4 Access facilitation pruning is required throughout the woodland to provide access during the works. Ongoing pruning will be required to prevent encroachment on the walkway areas.

ES5 Mitigation has been recommended to protect retained trees from the following identified potential impacts:

- Ground disturbance/compaction within RPA - Protective fencing.
- Direct tree damage – Protective fencing.
- Root damage – Sensitive walkway design (cellular).
- Root damage – Fence removal and knee rail installation.
- Root damage – Seated bench installation (if fixed).

ES6 Potential impacts to retained features can be suitably mitigated with the recommended installation of protective fencing and sensitive works. Arboricultural supervision is recommended given the sensitivity of the working area.

1.0 Introduction

1.1 Instruction & Scope

1.1.1 Arbux was commissioned to produce this Arboricultural Impact Assessment (AIA) and Arboricultural Method Statement (AMS) to accompany a planning application for proposed woodland access works at St George Church, East Boldon.

1.1.2 The survey was undertaken by Liam Robson MArborA on 30th June 2025.

1.2 Survey Details & Methodology

1.2.1 The survey and report were undertaken under guidance of *BS5837:2012 Trees in relation to design, demolition and construction – Recommendations.*

1.2.2 In accordance with *BS5837:2012*, the purpose of the Arboricultural Impact Assessment is to survey arboricultural features within proximity of proposed development and assess how these features may be impacted and, if identified, mitigated for, with protection or sensitive working measures. The report also identifies features that require removal to facilitate a proposed development and assesses these impacts.

1.2.3 Where identified, the Arboricultural Method Statement provides a recommended methodology of works, which may include tree protection and sensitive working measures.

1.2.4 Trees growing as groups or woodlands may be identified and assessed collectively where it is deemed appropriate or necessary due to limitations. The report will also include off-site trees and hedgerows, where necessary.

1.2.5 The quality of each individual tree, group of trees, woodland and hedgerow is allocated to one of four main categories, which is then sub-divided into three further subcategories. This produces the tree quality assessment output. The categories and their criteria are shown in **Appendix 1 – Tree Quality Assessment – Cascade Chart.**

1.2.6 RPA for all trees and groups have been calculated in accordance with BS5837:2012 and plotted on both **Appendix 3 – Tree Constraints Plan** and **Appendix 4 – Tree Protection Plan**. Typically, the RPA is shown as a red circle centred on the base of the tree stem. Where site conditions indicate that root distribution is likely to differ, modifications may be made to the plotted RPA. The RPA should be used as a design tool which ideally excludes proposed construction from the area where possible and/or feasible.

1.2.7 The canopy spread for all surveyed features have been measured and are shown on **Appendix 3 – Tree Constraints Plan** and **Appendix 4 – Tree Protection Plan** as a green outline (note alternative symbol for trees to be removed). The spread may be estimated in some areas due to on-site limitations.

1.2.8 For off-site surveyed trees, the stated crown clearance (m) relates to the lowest canopy height over the site, where applicable.

1.3 Limitations

1.3.1 This report is valid for 12 months from the survey date, as stated in section 1.1.2. Should this time lapse, the project arboriculturist should be consulted, as a re-survey of the site may be required.

1.3.2 Where accurate survey data could not be recovered, such as for off-site and inaccessible trees, the estimated data is suffixed with '#' in **Appendix 2 – Tree Schedule.**

2.0 Site

2.1 Existing Site

2.1.1 The surveyed area comprised a woodland, situated to the north of St George Church, East Boldon.

2.2 Proposed Site

2.2.1 It is proposed to make the existing woodland an accessible area. Walkways are proposed, to provide access through and within the woodland, in addition to access off the north, south and east boundaries.

3.0 Arboricultural Impact Assessment (AIA)

3.0.1 In accordance with *BS5837:2012*, the purpose of the Arboricultural Impact Assessment is to survey arboricultural features within proximity of proposed development and assess how these features may be impacted and, if identified, mitigated for, with protection or sensitive working measures. The report also identifies features that require removal to facilitate a proposed development and assesses these impacts.

3.1 Surveyed Features

3.1.1 Forty-eight individual trees and two groups of trees were surveyed, which comprised the woodland. **Table 1** below shows the tree quality category of the surveyed features, to *BS 5837:2012*.

Table 1 – Categorisation of surveyed arboricultural features.

Tree/Group/Hedgerow Number	Tree Quality Category
T2, T7, T8, T18, T20, T25, T30, T42, T44, T45, T46, T47, T48	A
T1, T3, T5, T6, T10, T11, T12, T13, T14, T15, T19, T23, T27, T28, T31, T32, T33, T34, T35, T38, T39, T41, T43	B
T4, T9, T16, T17, T21, T22, T24, T26, T29, T37, T40 G1, G2	C
None	U

3.2 Tree Removal Impacts & Compensatory Planting

3.2.1 An area of G1 requires removal to facilitate the proposed walkway. This is a low value stand of holly within the woodland. The required removal would constitute a negligible impact.

3.2.2 Excepting the specified area of G1, no further removal is required to facilitate the proposal. It should be noted that saplings and shrubs within the woodland below the BS5837:2012 stem diameter threshold may need removal to accommodate the proposal and have not been taken into consideration within the impact assessment.

3.3 Potential Impacts Upon Retained Trees & Mitigatory Measures

3.3.1 Retained features are vulnerable to damage from compaction and ground disturbance within the RPA, and/or direct damage of limbs, branches and main stems during the proposed works. The installation of temporary protective fencing is recommended in **Section 4.0 – Arboricultural Method Statement** to 'exclude' the trees, including the RPA as far as practical, from the working zone.

3.3.2 The proposed accessible walkways through the woodland have the potential to cause significant root damage if not installed using sensitive methods. All walkway works will be situated within the RPA of the woodland trees and so a sensitive solution is essential. A 'no dig' solution should be used. Details are provided in **Section 4.0 – Arboricultural Method Statement.**

3.3.3 The removal of existing fencing and installation of new knee rail boundary fencing will be within RPA of several trees. These works should be undertaken sensitively to prevent significant impact within these areas. Details are provided in **Section 4.0 – Arboricultural Method Statement.**

3.3.4 The installation of bench seating will be within the RPA of several trees. If these are required to be fixed to the ground, the works should be undertaken sensitively to avoid root damage. Details are provided in **Section 4.0 – Arboricultural Method Statement.**

3.4 Tree Pruning

3.4.1 Access facilitation pruning will be required throughout the woodland to undertake the proposed works. Details of the recommended pruning are provided in **Section 4.0 – Arboricultural Method Statement**.

3.5 Post Development Impacts

3.5.1 Given the nature of the proposal, no significant post development impacts are anticipated. Ongoing pruning works will be required to alleviate encroachment of the trees upon the walkways and seated areas.

3.6 Potential Impacts - Conclusion

3.6.1 The partial removal of the low value G1 is required, which will constitute a negligible impact.

3.6.2 The potential for impacts are high given proposed works are being undertaken within the RPA of woodland trees. These impacts can be suitably mitigated should the recommended methods and supervision be undertaken.

3.7 Summary of Recommendations

3.7.1 **Table 2** provides a summary of the recommended measures.

Table 2 – Summary of Recommended Measures.

<table>
<tr><th colspan="3">Recommended Measures</th><th>Feature(s) Affected</th></tr>
<tr><td rowspan="2">Facilitation Works</td><td colspan="2">Tree Removal</td><td>G1 (in part)</td></tr>
<tr><td colspan="2">Pruning</td><td>All trees encroaching the proposed walkway area</td></tr>
<tr><td rowspan="4">Mitigation</td><td colspan="2">Protective Fencing</td><td rowspan="4">See Appendix 4</td></tr>
<tr><td rowspan="3">Sensitive Working Methodology</td><td>Proposed Walkway</td></tr>
<tr><td>Fence Installation</td></tr>
<tr><td>Seated Bench Installation</td></tr>
<tr><td colspan="3">Arboricultural Supervision</td><td>N/A – See Section 4.8</td></tr>
</table>

4.0 Arboricultural Method Statement (AMS)

4.0.1 The AMS provides details of mitigatory measures to help protect retained trees/features on site.

4.0.2 Copies of this document will be accessible on site at all times.

4.1 Tree Pruning & Shrub Clearance

4.2.1 To provide suitable access to the woodland area, the required tree pruning will be undertaken first.

4.2.2 Shrubs and saplings within the proposed walkway area should be removed.

4.2.3 The crowns of all trees that encroach the proposed walkway area should be lifted to provide 3m above ground level, or, where appropriate, pruned back to the location of the protective fencing, as shown on **Appendix 4**.

4.2.4 Tree pruning works should be undertaken by a suitably qualified and competent arborist, working under guidance of BS3998:2010 – Tree Work – Recommendations. The most suitable pruning works will be undertaken by the arborist to achieve the required access.

4.2 Tree Removal

4.2.1 Following the tree pruning and shrub clearance, the removal of the specified area of G1 should be undertaken. The area is shown on **Appendix 4**.

4.3 Tree Protection - Fencing

4.3.1 Following the pruning and removal works, temporary protective fencing should be installed to 'exclude' the trees and features to be retained as far as practical during all construction works on site. This includes exclusion of the RPA as far as practical. The location of the fencing is shown on **Appendix 4 – Tree Protection Plan**.

4.3.2 Where existing boundary fencing is to be removed; this should be undertaken first and temporary protective fencing installed in these areas. Details of proposed new fencing works are specified in **Section 4.5**.

4.3.3 The protective fencing should be fit for the purpose of the construction activity and appropriate to the extent and proximity of work taking place around retained features. The specification as shown in **Figure 1a** is recommended to be installed where space allows. An alternative specification is shown in **Figure 1b**. These specifications require sufficient space. Where the constraints of the woodland do not allow this, alternative temporary fencing will be required to provide as much protection as possible. In these areas, the fencing may be supported on a base plate only without the additional bracing.

4.3.4 Once installed, the protective fencing will remain in place until the proposed walkway works are complete. If a change to the location of the protective fencing is required, prior consultation should be sought with the project arboriculturist and the Method Statement updated.

4.3.5 All-weather notices should be attached to the fencing at regular intervals to state that the area is an exclusion zone and there is to be no removal of the protection and/or access until the works are complete. The attached notices should have words such as "CONSTRUCTION EXCLUSION ZONE – NO ACCESS".

4.4 Sensitive Works – "No Dig" Walkway

4.4.1 The proposed walkway throughout the woodland will be installed using a "no dig", geocell solution. Only surface vegetation removal should be undertaken and no excavation into the soil.

4.4.2 The surface vegetation should be removed first, using hand operated tools only. A breathable geotextile membrane should first be laid on ground level. A geocell system will then be laid on top of this; the specification will be appropriate for the load to which it will be subjected, to be advised by an engineer. The cells will be fixed in place and filled with angular stone.

4.4.3 The final surface will be self-binding gravel. This is a permeable surface that supports water transfer.

4.4.4 Walkway edging will be aluminium L-edge. The edging will lie at ground level, fixed into position with screws.

4.4.5 The walkway (and edging) will be situated at least 500mm from the stem and root flare of all trees.

4.4.5 Where the surface is undulating and requires on-site adjustment of levels including minor reduction in depth, this should be discussed with the supervising arboriculturist and this is likely to require cutting of roots. Should the localised cutting of roots be deemed to be too great, surrounding levels should be adjusted.

4.5 Existing Fence Removal & Knee Rail Fence Installation

4.5.1 Existing fences to be removed should be done so using hand operated tools only.

4.5.2 Excavation required for installation of new knee rail fences should be undertaken using hand operated tools only.

4.5.3 The extent of the excavation should be kept to the minimum depth and width required to facilitate the fence installation.

4.5.4 Roots below 25mm may be cut within the excavated areas.

4.5.5 An impermeable liner should be added to the hole prior to filling with concrete.

4.6 Seated Bench Installation

4.6.1 New seated benches should be fixed into position using soft ground anchors, as opposed to concrete pads, within the RPA.

4.7 Review

4.7.1 The recommendations as described within the Arboricultural Impact Assessment and Arboricultural Method Statement should be reviewed in regard to their suitability and

feasibility for this project. Any required changes should be consulted with the project arboriculturist prior to the undertaking of any works.

4.8 Arboricultural Supervision

4.8.1 A pre-commencement site check should be undertaken by the project arboriculturist to ensure that the protective fencing has been installed as recommended. This should be undertaken prior to the commencement of any works on site.

4.8.2 Given the sensitive nature of the proposed works, it is recommended that arboricultural supervision is undertaken during the installation of the walkways.

4.9 Site Responsibility

4.9.1 The site manager will be responsible for contacting the project arboriculturist for the pre-commencement site check of the protective fencing.

4.9.2 The site manager will be responsible for ensuring that all parties working within the development are aware of this document and the measures within.

4.9.3 The site manager will be responsible for ensuring the protective fencing remains in place for the entirety of the construction phase to prevent damage to retained features.

4.9.4 The site manager should record and monitor the measures at frequent intervals of the development to ensure compliance with this document. Dated photographs are recommended to provide specific records of the site as the development progress.

4.9.5 It is the responsibility of the site manager contact the project arboriculturist and/or local authority in the event of an unforeseen circumstance with regards to the retained features on site.

4.10 Contingency

4.10.1 Arbux Tree Consultancy should be contacted immediately should any unforeseen circumstances occur in relation to the retained features on site. Details for contact are specified below.

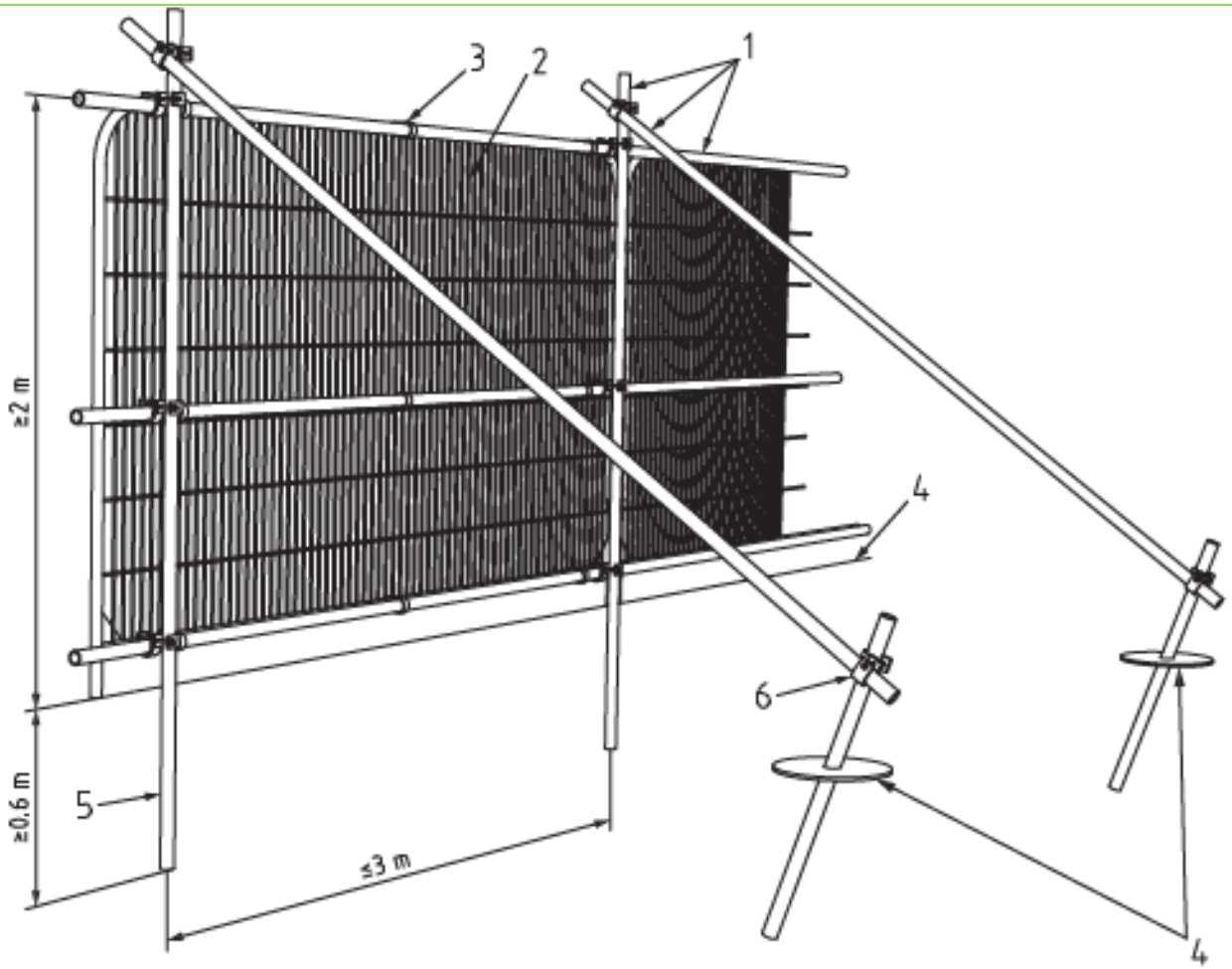
4.11 Contact Details

4.11.1 Liam Robson – Arbux Tree Consultancy

Telephone no. – 07741312101

Email: info@arbux.co.uk

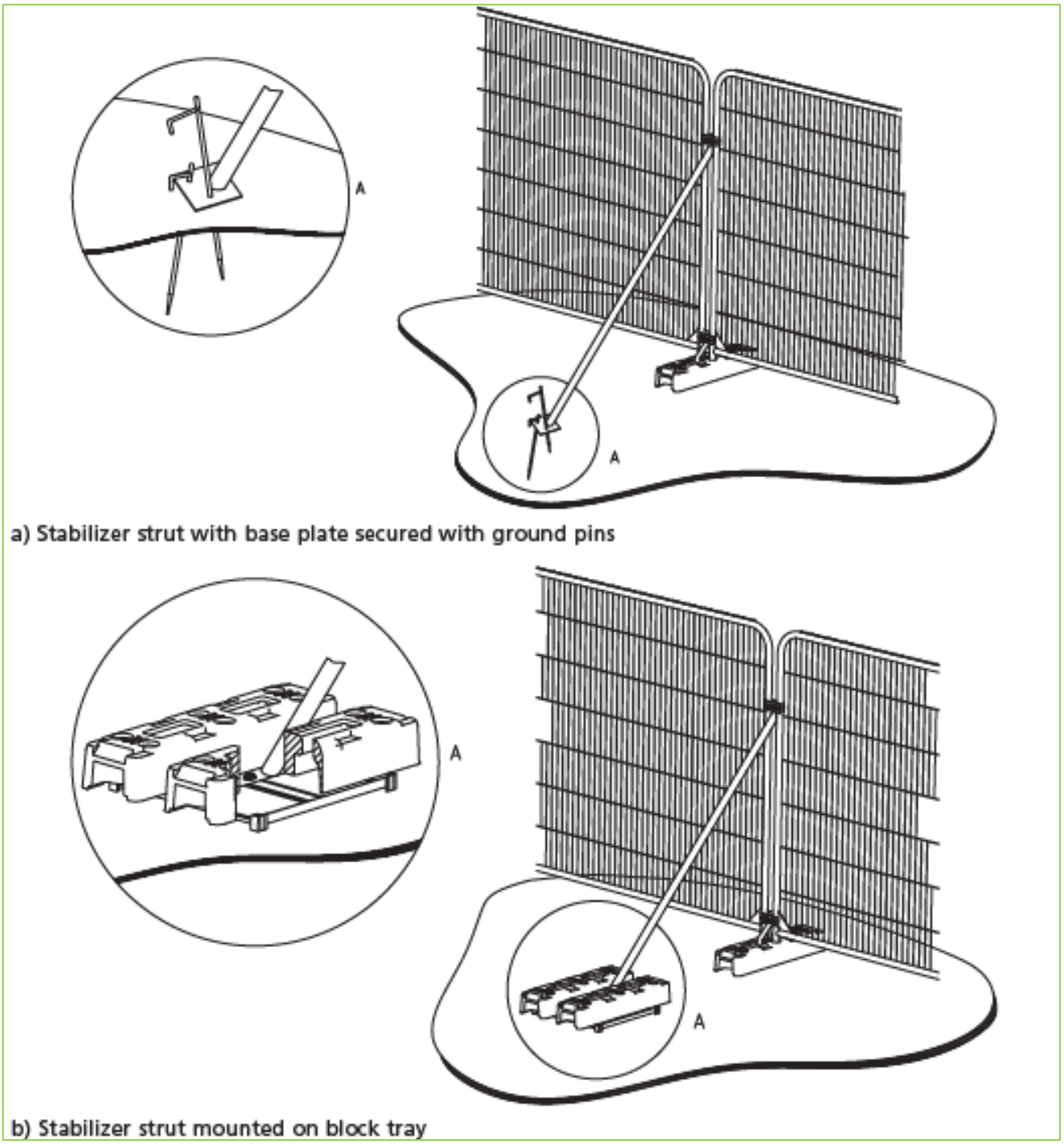
Figure 1a – Protective Fencing – Example specification for proposed works.



Key

1 Standard scaffold poles
2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6 m)
6 Standard scaffold clamps

Figure 1b –Protective Fencing – Alternative specification for proposed works.



Appendix 1 – Tree Quality Assessment – Cascade Chart. Excerpt from BS 5837:2012.

Category and definition	Criteria (including subcategories where appropriate)		
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years	• Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) • Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline • Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7.		
	1 Mainly arboricultural qualities	**2 Mainly landscape qualities**	**3 Mainly cultural values, including conservation**
Category A **Trees of high quality** with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)
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 for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	Trees with material conservation or other cultural value
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 significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value

Appendix 2 – Tree Schedule

ID & No.	Species	Height (m)	Stem diameter (mm)	Canopy Spread (m)				Crown Clearance (m)	Age class	Estimated remaining contribution (Years)	General Comments	Recommendations *(see facilitation works)*	BS Tree Quality Category (see Appendix 1)	Root Protection Area (m^2)	Root Protection Radius (m)
				N	E	S	W								
T1	Ilex aquifolium (Holly)	8.0	260	3.5	3.5	3.5	4.0	1.5	Early Mature	40+	No significant observations at time of survey	No recommended remedial works at this time	B2	30.6	3.1
T2	Acer pseudoplatanus (Sycamore)	18.0	750	7.0	5.0	6.0	6.0	4.0	Mature	40+	Tight fork at 2m. Fork contains included bark	No recommended remedial works at this time	A2	254.5	9.0
T3	Sorbus intermedia (Swedish Whitebeam)	8.0	390	2.5	2.5	3.5	3.0	4.0	Mature	20+	Two co dominant stems from 1.8m. Suppressed form due to woodland pressure	No recommended remedial works at this time	B2	68.8	4.7
T4	Ilex aquifolium (Holly)	5.0	150	2.0	2.0	3.5	3.5	1.5	Early Mature	20+	No significant observations at time of survey	No recommended remedial works at this time	C2	10.2	1.8
T5	Acer pseudoplatanus (Sycamore)	13.0	500	6.0	5.0	6.0	6.0	3.0	Mature	40+	Two co dominant stems from 2m	No recommended remedial works at this time	B2	113.1	6.0
T6	Acer pseudoplatanus (Sycamore)	15.0	540	5.0	4.5	5.0	6.0	2.0	Early Mature	20+	Low vigour. Sparse crown	Monitor annually	B2	131.9	6.5
T7	Aesculus hippocastanum (Horse Chestnut)	13.0	670	3.0	8.0	9.0	7.5	2.5	Mature	40+	Non occluded wound at 2.5m on west flank. Crown weighted towards building. Two co dominant stems from 4m	Prune to clear building by 3m	A2	203.1	8.0

ID & No.	Species	Height (m)	Stem diameter (mm)	Canopy Spread (m)				Crown Clearance (m)	Age class	Estimated remaining contribution (Years)	General Comments	Recommendations *(see facilitation works)*	BS Tree Quality Category (see Appendix 1)	Root Protection Area (m^2)	Root Protection Radius (m)
				N	E	S	W								
T8	Fraxinus excelsior (Ash)	20.0	710	7.0	7.0	8.0	7.0	5.0	Mature	40+	Two co dominant stems from 2.5m. Crown dieback. Deadwood in crown	Remove deadwood. Monitor annually. ***Access facilitation pruning as required – see section 4.1***	A2	228.1	8.5
T9	Ilex aquifolium (Holly)	5.0	180	3.0	3.0	2.5	2.5	1.0	Early Mature	20+	No significant observations at time of survey	No recommended remedial works at this time	C2	14.7	2.2
T10	Acer pseudoplatanus (Sycamore)	13.0	300	4.0	4.0	4.0	4.0	4.0	Early Mature	40+	No significant observations at time of survey	No recommended remedial works at this time	B2	40.7	3.6
T11	Tilia X europaea (Common Lime)	8.0	280	4.5	4.5	4.5	4.0	1.5	Semi Mature	40+	Twin stems from bifurcation at 2.5m	***Access facilitation pruning as required – see section 4.1***	B2	35.5	3.4
T12	Acer pseudoplatanus (Sycamore)	14.0	380	3.0	4.0	4.0	4.0	5.0	Early Mature	20+	Decay of stem visible from base to 1.8m on south flank	Monitor biennially ***Access facilitation pruning as required – see section 4.1***	B2	65.3	4.6
T13	Acer pseudoplatanus (Sycamore)	14.0	450	7.0	4.0	2.5	5.0	4.0	Early Mature	40+	Large stem burr at 3.5m	***Access facilitation pruning as required – see section 4.1***	B2	91.6	5.4
T14	Acer pseudoplatanus (Sycamore)	10.0	300	6.0	4.0	3.0	5.0	2.0	Early Mature	40+	Basal cavity at .5m on west flank	***Access facilitation pruning as required – see section 4.1***	B2	40.7	3.6

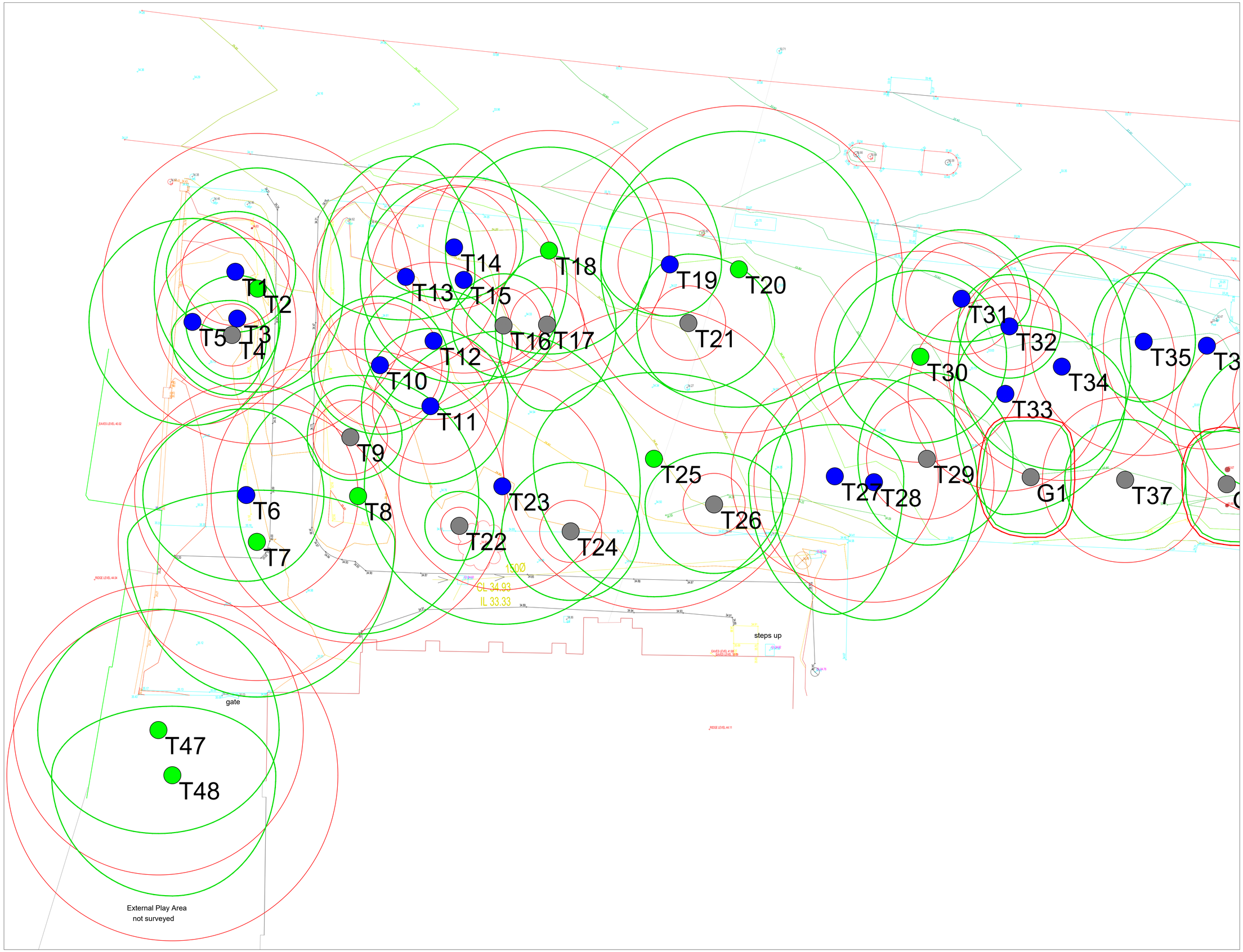
ID & No.	Species	Height (m)	Stem diameter (mm)	Canopy Spread (m)				Crown Clearance (m)	Age class	Estimated remaining contribution (Years)	General Comments	Recommendations *(see facilitation works)*	BS Tree Quality Category (see Appendix 1)	Root Protection Area (m^2)	Root Protection Radius (m)
				N	E	S	W								
T15	Fraxinus excelsior (Ash)	16.0	450	6.0	6.0	6.0	6.0	4.0	Early Mature	40+	Crown dieback	***Access facilitation pruning as required – see section 4.1***	B2	91.6	5.4
T16	Ulmus glabra (Wych Elm)	8.0	180	3.0	3.0	3.0	3.0	1.5	Semi Mature	40+	No significant observations at time of survey	***Access facilitation pruning as required – see section 4.1***	C2	14.7	2.2
T17	Ulmus glabra (Wych Elm)	6.0	180	4.0	4.0	5.0	3.0	1.0	Semi Mature	40+	No significant observations at time of survey	***Access facilitation pruning as required – see section 4.1***	C2	14.7	2.2
T18	Fraxinus excelsior (Ash)	16.0	580	6.0	6.0	6.0	6.0	1.0	Mature	40+	Crown dieback	Monitor annually. ***Access facilitation pruning as required – see section 4.1***	A2	152.2	7.0
T19	Laburnum anagyroides (Laburnum)	6.0	250	5.0	3.0	3.0	4.0	2.0	Semi Mature	40+	Two co dominant stems from 2.5m	No recommended remedial works at this time	B2	28.3	3.0
T20	Fraxinus excelsior (Ash)	18.0	790	8.0	8.0	8.0	8.0	3.0	Mature	40+	Two co dominant stems from 2m. Minor deadwood in crown	***Access facilitation pruning as required – see section 4.1***	A2	282.4	9.5
T21	Ulmus glabra (Wych Elm)	8.0	180	4.0	5.0	4.0	3.0	1.5	Semi Mature	40+	No significant observations at time of survey	***Access facilitation pruning as required – see section 4.1***	C2	14.7	2.2
T22	Ulmus glabra (Wych Elm)	3.5	90	2.0	2.0	2.0	2.0	0.5	Young	40+	No significant observations at time of survey	***Access facilitation pruning as required – see section 4.1***	C2	3.7	1.1
T23	Fraxinus excelsior (Ash)	16.0	500	9.0	8.0	8.0	8.0	4.0	Mature	20+	Significant dieback	Remove deadwood. Monitor annually	B2	113.1	6.0

ID & No.	Species	Height (m)	Stem diameter (mm)	Canopy Spread (m)				Crown Clearance (m)	Age class	Estimated remaining contribution (Years)	General Comments	Recommendations *(see facilitation works)*	BS Tree Quality Category (see Appendix 1)	Root Protection Area (m^2)	Root Protection Radius (m)
				N	E	S	W								
												Access facilitation pruning as required – see section 4.1			
T24	Ulmus glabra (Wych Elm)	5.0	150	4.0	4.0	4.0	4.0	1.0	Semi Mature	40+	No significant observations at time of survey	***Access facilitation pruning as required – see section 4.1***	C2	10.2	1.8
T25	Acer pseudoplatanus (Sycamore)	18.0	730	5.0	8.0	8.0	7.0	5.0	Mature	40+	Ivy on lower stem. Two co dominant stems from 3m	***Access facilitation pruning as required – see section 4.1***	A2	241.1	8.8
T26	Ulmus glabra (Wych Elm)	5.0	150	3.0	4.0	4.0	4.0	1.0	Semi Mature	40+	No significant observations at time of survey	***Access facilitation pruning as required – see section 4.1***	C2	10.2	1.8
T27	Acer pseudoplatanus (Sycamore)	14.0	500	3.0	4.0	8.0	5.0	1.5	Mature	40+	No significant observations at time of survey	***Access facilitation pruning as required – see section 4.1***	B2	113.1	6.0
T28	Fraxinus excelsior (Ash)	16.0	580	6.0	6.0	8.0	6.0	3.0	Mature	40+	Crown dieback	***Access facilitation pruning as required – see section 4.1***	B2	152.2	7.0
T29	Ulmus glabra (Wych Elm)	6.0	230 100 150	5.0	5.0	5.0	4.0	1.0	Semi Mature	40+	No significant observations at time of survey	***Access facilitation pruning as required – see section 4.1***	C2	38.5	3.5
T30	Acer pseudoplatanus (Sycamore)	18.0	510	5.0	5.0	5.0	5.0	6.0	Mature	40+	No significant observations at time of survey	No recommended remedial works at this time	A2	117.7	6.1
T31	Ulmus glabra (Wych Elm)	7.0	270	4.0	4.0	2.5	4.0	1.5	Semi Mature	40+	No significant observations at time of survey	***Crown lift to 2m above ground level***	B2	33.0	3.2

ID & No.	Species	Height (m)	Stem diameter (mm)	Canopy Spread (m)				Crown Clearance (m)	Age class	Estimated remaining contribution (Years)	General Comments	Recommendations *(see facilitation works)*	BS Tree Quality Category (see Appendix 1)	Root Protection Area (m^2)	Root Protection Radius (m)
				N	E	S	W								
T32	Sorbus	6.0	210	3.0	3.0	3.0	3.0	2.5	Semi Mature	40+	No significant observations at time of survey	No recommended remedial works at this time	B2	20.0	2.5
T33	Acer pseudoplatanus (Sycamore)	16.0	470	4.0	7.0	7.0	3.0	4.0	Mature	20+	Decay of stem visible on west flank from 0.5m to 1.8m	***Access facilitation pruning as required – see section 4.1***	B22	100.0	5.6
T34	Acer pseudoplatanus (Sycamore)	16.0	550	7.0	4.0	6.0	6.0	6.0	Mature	20+	Decay of stem at 1m to 1.8m on east flank. Areas of upper crown appears sparse	***Access facilitation pruning as required – see section 4.1***	B2	136.9	6.6
T35	Acer pseudoplatanus (Sycamore)	14.0	550	4.0	3.0	3.5	3.0	1.0	Mature	20+	Dense ivy on stem. Crown appears suppressed and sparse	Monitor biennially ***Access facilitation pruning as required – see section 4.1***	B2	136.9	6.6
T36	Fraxinus excelsior (Ash)	16.0	500	6.0	6.0	5.0	5.0	4.0	Mature	20+	Dense ivy on stem. Stem estimated. Crown dieback	***Access facilitation pruning as required – see section 4.1***	B2	113.1	6.0
T37	Ilex aquifolium (Holly)	6.0	400	3.5	3.5	3.5	3.5	0.1	Mature	10+	Two co dominant stems from 1.5m. Significant dieback of east stem	Reduce height of east stem to 3m. ***Access facilitation pruning as required – see section 4.1***	C2	72.4	4.8
T38	Acer pseudoplatanus (Sycamore)	14.0	#450	4.0	4.0	4.0	4.0	4.0	Early Mature	40+	Dense ivy stem. Stem diameter estimated	***Access facilitation pruning as required – see section 4.1***	B2	91.6	5.4

ID & No.	Species	Height (m)	Stem diameter (mm)	Canopy Spread (m)				Crown Clearance (m)	Age class	Estimated remaining contribution (Years)	General Comments	Recommendations *(see facilitation works)*	BS Tree Quality Category (see Appendix 1)	Root Protection Area (m^2)	Root Protection Radius (m)
				N	E	S	W								
T39	Acer pseudoplatanus (Sycamore)	13.0	360	4.0	4.0	4.0	4.0	3.0	Semi Mature	20+	Dense ivy on stem	***Access facilitation pruning as required – see section 4.1***	B2	58.6	4.3
T40	Ilex aquifolium (Holly)	5.0	200	3.0	3.0	3.0	3.0	0.1	Early Mature	20+	No significant observations at time of survey	***Access facilitation pruning as required – see section 4.1***	C2	18.1	2.4
T41	Sorbus intermedia (Swedish Whitebeam)	10.0	420	4.0	4.0	4.0	3.0	3.0	Mature	40+	Two co dominant stems from 1.8m	***Access facilitation pruning as required – see section 4.1***	B2	79.8	5.0
T42	Fraxinus excelsior (Ash)	18.0	620	9.0	6.0	8.0	6.0	3.0	Mature	40+	Dieback evident	Monitor annually. Remove deadwood ***Access facilitation pruning as required – see section 4.1***	A2	173.9	7.4
T43	Sorbus intermedia (Swedish Whitebeam)	8.0	290	3.0	3.0	3.0	3.0	1.5	Early Mature	20+	Two co dominant stems from 1.5m	***Access facilitation pruning as required – see section 4.1***	B2	38.1	3.5
T44	Acer pseudoplatanus (Sycamore)	16.0	590	5.0	5.0	6.0	6.0	3.0	Mature	40+	No significant observations at time of survey	***Access facilitation pruning as required – see section 4.1***	A2	157.5	7.1
T45	Fraxinus excelsior (Ash)	18.0	#750	4.0	7.0	7.0	4.0	3.0	Mature	40+	Growing into adjacent fence. Stem diameter estimated	***Access facilitation pruning as required – see section 4.1***	A2	254.5	9.0

ID & No.	Species	Height (m)	Stem diameter (mm)	Canopy Spread (m)				Crown Clearance (m)	Age class	Estimated remaining contribution (Years)	General Comments	Recommendations *(see facilitation works)*	BS Tree Quality Category (see Appendix 1)	Root Protection Area (m^2)	Root Protection Radius (m)
				N	E	S	W								
T46	Acer pseudoplatanus (Sycamore)	15.0	570	8.0	8.0	5.0	3.0	3.0	Mature	40+	No significant observations at time of survey	No recommended remedial works at this time	A2	147.0	6.8
T47	Acer pseudoplatanus (Sycamore)	20.0	700	7.0	7.0	6.0	7.0	4.0	Mature	40+	No significant observations at time of survey	No recommended remedial works at this time	A2	221.7	8.4
T48	Acer pseudoplatanus (Sycamore)	18.0	800	4.0	6.0	7.0	7.0	4.0	Mature	40+	Two co dominant stems from 2m	No recommended remedial works at this time	A2	289.6	9.6
G1	Ilex aquifolium (Holly)	Up to 5.0	Up to 150	N/A	N/A	N/A	N/A	0.1	Up to Semi Mature	40+	Small stand of holly within woodland	***Remove specified area of group to facilitate proposal***	C2	N/A	N/A
G2	Ilex aquifolium (Holly)	Up to 4.0	Up to 120	N/A	N/A	N/A	N/A	0.1	Up to Semi Mature	40+	Small stand of holly within woodland	No recommended remedial works at this time	C2	N/A	N/A



Appendix 3a
Tree Constraints Plan

KEY

Tree Quality Category:

A	B	C	U

Crown Spread:

Root Protection Area:

Project:
St George Church

Date: 22/01/2026 **Scale: 1:100 @ A1**

N

The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

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Appendix 3b
Tree Constraints Plan

KEY

Tree Quality Category:

A	B	C	U

Crown Spread:

Root Protection Area:

Project:
St George Church

Date: 22/01/2026 **Scale: 1:100 @ A1**

N

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The Hawth

A184 Front Street

Tactile

GRANGE PARK ENTRANCE

Tactile Paving

Tarmac

BARRIER

900mm KNEE RAIL BOUNDARY

WILDFLOWER PLANTING

NO DIG WALKWAY ACCESS TO GRANGE PARK ENTRANCE

NO DIG WALKWAY ACCESS TO THE HAWTHORNS

NO DIG WALKWAY

BENCH SEATING REFLECTION ZONE

JUNCTION TO REMAIN UNDER HIGHWAYS RESPONSIBILTY

COMMUNITY GARDEN

Overhead Electricity Cable

WILDLIFE HABITAT IMPROVEMENT

NO DIG WALKWAY CONNECTED TO EXISTING PATHWAY AND STEPS FOR ACCESS TO GORDON DRIVE

Paving Stones

Grass

STEPS TO BE MADE GOOD BY COUNCIL

NEIGHBOURING FENCE

Tarmac

steps up

CL 34.93

IL 33.33

St. George the Martyr Church

Existing Houses

T11 T12 T13 T14 T15 T16 T17 T18 T19 T20 T21 T22 T23 T24 T25 T26 T27 T28 T29 T30 T31 T32 T33 T34 T35 T36 T37 T38 T39 T40 T41 T42 T43 T44 T45 T46 G1 G2

A184 Front Street

Tarmac

Tactile

GRANGE PARK ENTRANCE

BARRIER

Tactile Paving

900mm KNEE RAIL BOUNDARY

NO DIG WALKWAY

WILDFLOWER PLANTING

NO DIG WALKWAY ACCESS TO GRANGE PARK ENTRANCE

BENCH SEATING

NO DIG WALKWAY ACCESS TO THE HAWTHORNS

BENCH SEATING REFLECTION ZONE

Artificial Grass

WILDLIFE HABITAT IMPROVEMENT

COMMUNITY GARDEN

Overhead Electricity Cable

NO DIG WALKWAY ACCESS TO CHURCH

WILDLIFE HABITAT IMPROVEMENT

NEIGHBOURING FENCE

DRIVEWAY

Tarmac

1500

CL 34.93

IL 33.33

steps up

gate

St. George the Martyr Church

External Play Area

T1 T2 T3 T4 T5 T6 T7 T8 T9 T10 T11 T12 T13 T14 T15 T16 T17 T18 T19 T20 T21 T22 T23 T24 T25 T26 T27 T28 T29 T30 T31 T32 T33 T34 T35 T36 T37 G1 G2 T47 T48

Appendix 4a
Tree Protection Plan - Development

KEY

Tree Quality Category:

A B C U

Crown Spread:

Root Protection Area:

Tree Removal (G1):

Protective Fencing:

Sensitive Works - "No Dig" Walkway:

Project:
St George Church

Date: 22/01/2026 **Scale: 1:100 @ A1**

N

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Tactile
GRANGE PARK ENTRANCE
The Haw
A184 Front Street
Tactile Paving
Tarmac
BARRIER
900mm KNEE RAIL BOUNDARY
T14
T18
T20
WILDFLOWER PLANTING
T15
T19
NO DIG WALKWAY ACCESS TO GRANGE PARK ENTRANCE
T16
T17
T21
NO DIG WALKWAY
T12
COMMUNITY GARDEN
Overhead Electricity Cable
T11
T31
T32
T30
T35
T36
BENCH SEATING REFLECTION ZONE
T34
T33
NO DIG WALKWAY ACCESS TO THE HAWTHORNS
JUNCTION TO REMAIN UNDER HIGHWAYS RESPONSIBILTY
T41
T42
T46
T38
T40
T43
T44
T25
NO DIG WALKWAY
BENCH SEATING
WILDLIFE HABITAT IMPROVEMENT
T29
T27
T28
G1
T37
G2
WILDFLOWER PLANTING
T39
T45
NO DIG PATHWAY AND STEPS FOR ACCESS TO GORDON DRIVE
PATHWAY CONNECTED TO EXISTING PATH
STEPS TO BE MADE GOOD BY COUNCIL
Paving Stones
Grass
T23
BENCH SEATING
T26
T22
900mm KNEE RAIL BOUNDARY
T24
NEIGHBOURING FENCE
NEIGHBOURING FENCE
150Ø
CL 34.93
IL 33.33
Tarmac
steps up
St. George the Martyr Church
Existing Houses

Appendix 4b
Tree Protection Plan - Development

KEY

Tree Quality Category:

A B C U

Crown Spread:

Root Protection Area:

Tree Removal (G1):

Protective Fencing:

Sensitive Works - "No Dig" Walkway:

Project:
St George Church

Date: 22/01/2026 **Scale: 1:100 @ A1**

N

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