



Project: 23_VTA_10_12
Site: Gladstone Avenue, Haringey, London, N22 6LA.
Client: John Grabowski



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Document Title:	Tree Survey to BS:5837 & Zone of Influence Assessment
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Project Title:	Gladstone Avenue, Haringey, London, N22 6LA

Revision History.

Date:	Version number:	Summary of changes:
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Distribution.

Approved by:	Signature	Date:	Version:
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			Reviewed before issue.

Re-Survey Date.

Survey Type:	Lifecycle:	Re-survey Date:
BS5837: 2012	Planning Only	n/a

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Summary:

This is a BS5837 compliant arboricultural assessment report providing detailed and sufficient information to be able to consider the effect of the proposed development on local character and amenity from a tree perspective.

Our brief has been to obtain details of the tree population on site with a view to assessing their Zone of Influence according to the guidance published by the National House Building Council .

This report was commissioned in relation to the housing improvement at Gladstone Avenue, Haringey, London, N22 6LA.

The report details all trees over 75mm at 1.5m above ground level that are relevant to the siting of the development. The position of the trees on the site is illustrated on the tree constraints plan and information about the tree stock and its current condition is given within the arboricultural data tables.

Report Author.

ROAVR (ROAVR Group) was formed in 2010 and since then has carried out arboricultural consultancy Nationwide with directly employed consultants. Our consultants are all individual members of the Arboricultural Association and the report author is listed in the document control sheet.

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Tree Survey & Arboricultural Impact Assessment to BS 5837 2012 of trees at:

Gladstone Avenue, Haringey, London, N22 6LA.

1 Scope

- 1.1 We have recently been instructed to undertake an appraisal of mature tree cover at Gladstone Avenue, Haringey, London, N22 6LA.
- 1.2 The data was collected to the British Standard BS5837 'Trees in Relation to Design, Demolition and Construction - Recommendations' 2012.
- 1.3 The survey has been commissioned to offer guidance on the arboricultural constraints in relation to the development of the site.
- 1.4 The trees were inspected on the 11th-13th October 2023 following the guidance in the British Standard by ROAVR. The crowns and stems were inspected from the ground using the 'Visual Tree Assessment (VTA)' method; non invasive techniques were used at this stage. Although a sounding hammer was used to determine the presence of any decay.
- 1.5 The site was assessed and data was collected on all woody vegetation falling within the scope of the British Standard. Trees were grouped or designated woodlands as per the allowance in the British Standard when the area in question was uniform in terms of species, age or geography.

2. Site Conditions & Site Surroundings

- 2.1 The site is situated in Wood Green in the Haringey Council control area. The site is located on the east side of the town and has an urban feel.
- 2.2 The street is mainly occupied by terraced houses, with a school and a church towards the south end of the street.
- 2.3 The wider locality is predominantly urban. The front gardens are accessed via pedestrian gates, and the rear gardens are accessed through the houses.
- 2.4 A desktop assessment has highlighted that site is within the Noel Park Conservation Area but that there are no TPO protected trees on or adjacent to the street.
- 2.5 All desktop assessment data was cross checked and validated on the 16/10/2023 using the web portal provided by the local planning authority.

<https://www.haringey.gov.uk/environment-and-waste/nature-and-conservation/trees/tree-preservation-orders/map-tree-preservation-orders-tpos-haringey>

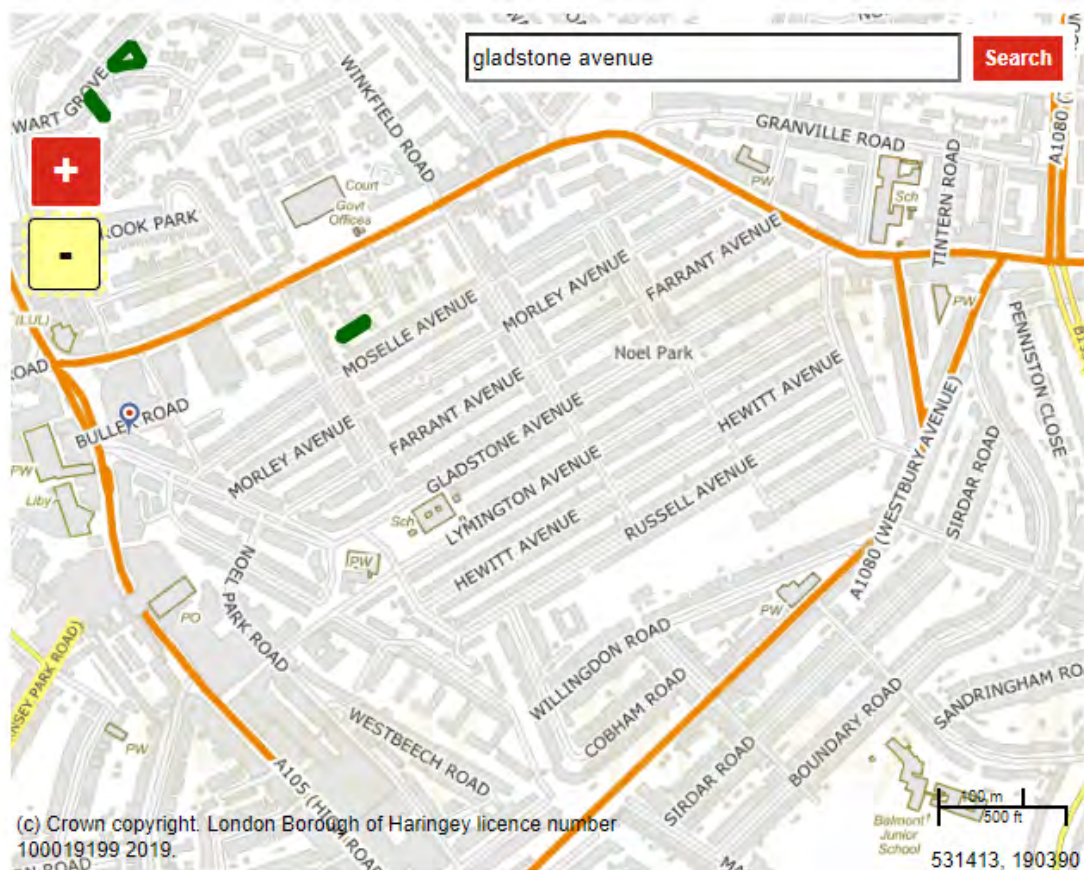


Image plate showing the desktop analysis results of the surveyed site.

https://my.haringey.gov.uk/custom/haringeyLiteMap.html?layer=con_areas&eastin g=531275.5&northing=189870.44351724&zoom=12483.28912757989&mapsource=m apsources/Maps&addsearch=true

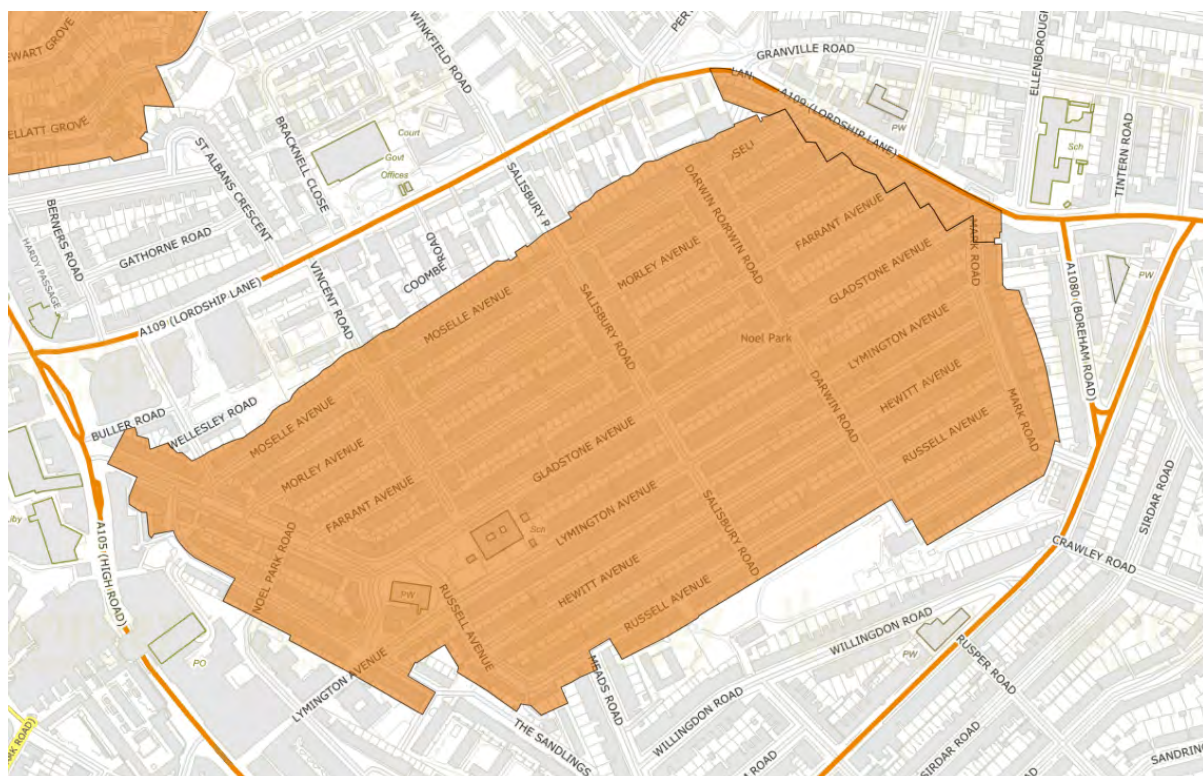


Image plate showing the desktop analysis results of the surveyed site.

- 2.6 Works to protected trees require consent from the local planning authority. In the case of TPO's an application must be made. In the case of conservation areas a notification must be made. TPO applications take up to eight weeks, conservation area notifications take six weeks.
- 2.7 Certain exemptions apply; for example the removal of deadwood. In the case of dangerous trees 5-days written notice should be given to the local authority (in the cases of immediate danger the work should proceed, but the local authority contacted as soon as possible afterwards) with the works evidenced by photographs and video where possible. You should also check to ensure the works are exempt from the requirements of a felling licence.

<https://www.legislation.gov.uk/ukxi/2012/605/regulation/14/made>

- 2.8 It should be noted that planning consent overrides protected trees, where the works or removal are necessary for development to proceed and have been highlighted in the tree survey documents.

- 2.9 Bats. Under current legislation it is an offence to 'intentionally or recklessly disturb a bat' or 'damage, destroy or block access to the resting place of any bat'. For further details consultation must be made with the Statutory Nature Conservancy Organisation. Where relevant any current ecological surveys for the site will take precedence in this matter. Trees provide numerous 'potential roosting features' for a wide range of bat species. It is therefore crucial that any trees proposed for removal are checked by an appropriately competent person before any felling or ivy stripping works commence.

<https://www.bats.org.uk/advice/bats-and-the-law>

- 2.10 Birds. It is an offence to kill, injure or take any wild bird; or take, damage or destroy the nest of any wild bird while it is in use or being built. Therefore work likely to disturb nesting birds must be avoided from late March to August. All birds, their nest and eggs are protected by law.

<https://www.rspb.org.uk/birds-and-wildlife/advice/wildlife-and-the-law/wildlife-and-countryside-act/>

- 2.11 A desktop assessment of the geology showed that the site is located on London Clay.

https://geologyviewer.bgs.ac.uk/?_ga=2.114374158.861090177.1697443929-2052586496.1697443929

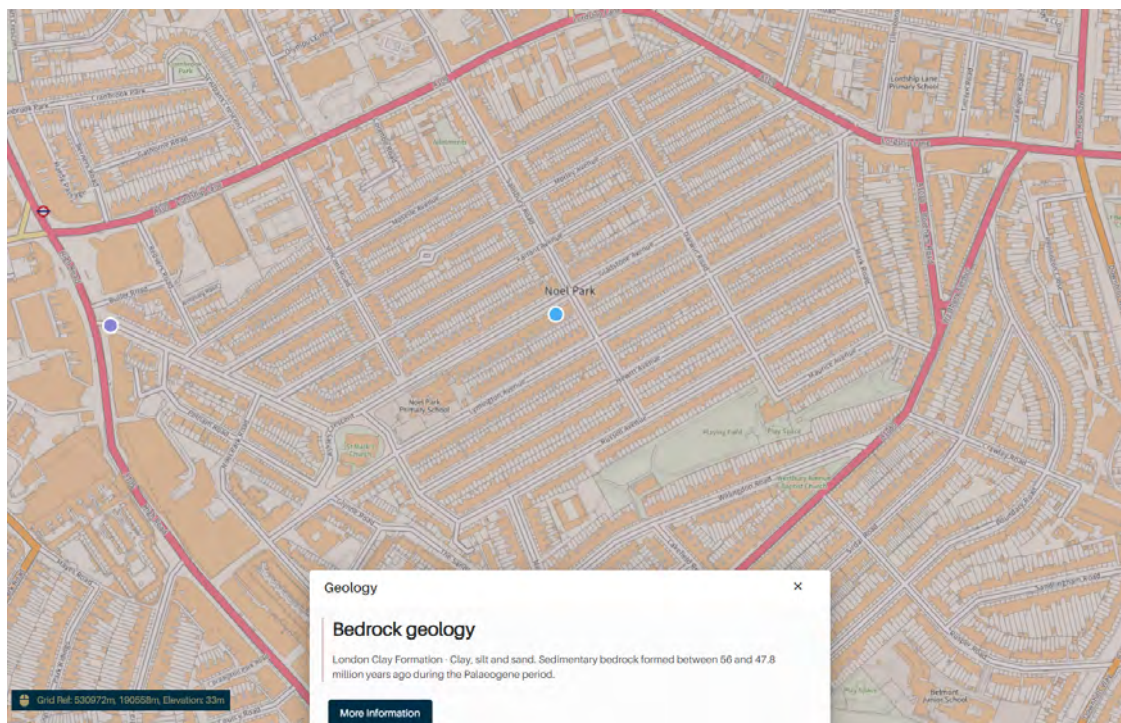


Image plate showing the desktop analysis results of the surveyed site.

3. Drawings

- 3.1 Appended to this report is a tree constraints plan.
- 3.2 The tree constraints plan has been produced using an OS supplied .dwg (AutoCAD) base plan as no topographical survey was available. Tree positions and data have been applied using our survey handset as an onsite exercise with the constraints plan being produced as a PDF through Auto CAD.
- 3.3 An autoCAD .dwg file of the tree constraints is available on request for project stakeholders to utilise.
- 3.4 The *Tree Constraints Plan* shows the existing layout. For each tree the stem location is indicated and scaled according to its diameter, the canopy is indicated according to measurements taken along the four cardinal points of the compass. Root protection areas (RPAs) are indicated which are calculated according to the guidelines within BS 5837 (2012). A Zone of Influence is indicated for each tree, calculated in accordance with the guidelines published by the National House Building Council.
- 3.5 Where appropriate, the shapes of the RPAs have been amended to reflect actual site conditions or where trees have been heavily pruned. The 'original' RPAs are indicated as a dashed line whereas the amended RPAs are indicated as a solid line. Any variation to this approach will be highlighted on the appropriate plans.

4. Limitations

- 4.1 ROAVR has prepared this Report for the sole use of the above named Client/Agent in accordance with our terms of business, under which our services were performed. No other warranty, expressed or implied, is made as to the professional advice included in this Report or any other services provided by us.
- 4.2 This Report may not be relied upon by any other party without the prior and express written agreement of ROAVR. The assessments made assume that the land use will continue for their current purpose without significant change. ROAVR has not independently verified information obtained from third parties.
- 4.3 This report, video walkthrough, data tables and raw data remain the copyright of ROAVR until such time as any monies owed are settled in full and the report may be withdrawn at any time.
- 4.4 This report, site visit, plans and conclusions are proportional to the proposals and in some cases a simple plan based impact assessment may be all that is required.
- 4.5 Important - to ensure fair allocation of resources, we allow you ten working days to review the report and issue any feedback, beyond that changes are chargeable.

Should you require any further information, please do not hesitate to contact us at any time.

Mr. Peter Haine FDSc Arb
Consultant Arborist



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Checked by: Matt Harmsworth Tech.Arbor.A, Dip RS, FDSc Arb, Assoc. ICFor.

Appendix 1 – Site Location



Site location plan. (Google, 2023).

Appendix 2 – Arboricultural Data Tables

Produced through Axiscape as a site based / field work activity with data reviewed, cleaned and presented as a PDF export from Google Docs.

Tree Number	Species	Age Class	DBH	Height (crown height)	N	E	S	W	Condition	Life Expectancy	Physical Description	Comments	Managment Recommendations	RPA offset from stem.	Category Rating	Mature Height	Water Demand	Zone of Influence
T109a	<i>Prunus avium</i> (Wild Cherry)	SM	170	6(1.5)	3	3	3	2	Fair	10+	Tree located within hard surface area. Stem divides above 1.5m. Mechanical Damage.	None	None	2.04	C1	17	Moderate	12.75
T109	<i>Eriobotrya</i> (Loquat)	Y	90,80	4(1)	2.5	2.5	1	1	Poor	<10	Poor shape & form. Tree located within hard surface area. Mechanical Damage. Broken branches in crown.	None	None	1.44	U	10	Moderate	7.5
T105	<i>Fraxinus excelsior</i> (Ash)	Y	90	7(1)	2	2	2	2	Fair	10+	Tree located within hard surface area. Unable to inspect stem due to undergrowth. Mechanical Damage.	None	None	1.08	C1	23	Moderate	17.25
T1s	<i>Prunus avium</i> (Wild Cherry)	EM	180	6(1.5)	3	3	3	3	Fair	10+	Tree located within hard surface area.	None	None	2.16	C1	17	Moderate	12.75
T119	<i>Malus</i> (Apple)	Y	75	2.5(0.5)	1	1	1	1	Poor	<10	Mechanical Damage. Broken branches in crown.	None	None	0.9	U	10	Moderate	7.5
T40f	<i>Prunus cerasifera</i> (Cherry Plum)	SM	150,130	6(1)	2	2.5	2	2.5	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	2.38	C1	10	Moderate	7.5
T2s	<i>Acer platanoides</i> (Norway Maple)	M	380	9(3)	2.5	2	2	2.5	Good	20+	Tree located within hard surface area. Pollard.	None	None	4.56	B1	18	Moderate	13.5
T3s	<i>Acer platanoides</i> (Norway Maple)	M	390	9(3)	3	3	3	3	Good	20+	Tree located within hard surface area. Pollard.	None	None	4.68	B1	18	Moderate	13.5
T4s	<i>Acer pseudoplatanus</i> (Sycamore)	M	400	10(4)	4	4	4	4	Good	20+	Tree located within hard surface area. Pollard. Mechanical Damage. Low branches over road/footpath.	None	None	4.8	B1	22	Moderate	16.5
T5s	<i>Acer platanoides</i> (Norway Maple)	M	420	9(3)	3	3	3	3	Good	20+	Tree located within hard surface area. Pollard.	None	None	5.04	B1	18	Moderate	13.5
T6s	<i>Prunus avium</i> (Wild Cherry)	SM	170	6(1.5)	3	3	3	3	Fair	10+	Tree located within hard surface area.	None	None	2.04	C1	17	Moderate	12.75
T7s	<i>Malus sylvestris</i> (Crab Apple)	EM	180	5(3)	3	3	3	3	Fair	10+	Tree located within hard surface area.	None	None	2.16	C1	10	Moderate	7.5
T42f	<i>Ilex aquifolium</i> (Holly)	SM	150	5(1)	2	2	2	2	Fair	10+		None	None	1.8	C1	12	Low	6
T133	<i>Prunus lusitanica</i> (Portugal Laurel)	Y	100,120	4(0.5)	2.5	2.5	2.5	2.5	Fair	10+	Unable to inspect stem due to undergrowth. Mechanical Damage.	None	None	1.87	C1	8	Low	4
T135	<i>Prunus avium</i> (Wild Cherry)	SM	150	5(2)	2	2	2	2	Fair	10+	Tree located within hard surface area. Mechanical Damage. Broken branches in crown.	None	None	1.8	C1	17	Moderate	12.75
T110	<i>Prunus avium</i> (Wild Cherry)	SM	250	5(2)	3	3	3	3	Fair	10+	Tree located within hard surface area. Ivy on tree. Unable to inspect stem due to Ivy. Mechanical Damage. Broken branches in crown.	None	None	3	C1	17	Moderate	12.75
T60l	<i>Betula pendula</i> (Silver Birch)	Y	80,90	3.5(1)	1.5	1.5	1.5	1.5	Fair	10+	Tree located within hard surface area.	None	None	1.44	C1	14	Low	7
T61l	<i>Ficus carica</i> (Fig)	Y	45,75	5(2)	2	2	2	2	Fair	10+	Mechanical Damage.	None	None	1.04	C1	8	Low	4
T8s	<i>Acer platanoides</i> (Norway Maple)	M	300	9(3)	3	3	3	3	Good	20+	Tree located within hard surface area. Pollard.	None	None	3.6	B1	18	Moderate	13.5
T9s	<i>Acer platanoides</i> (Norway Maple)	M	310	9(3)	3	3	3	3	Good	20+	Tree located within hard surface area. Pollard.	None	None	3.72	B1	18	Moderate	13.5
T10s	<i>Sorbus intermedia</i> (Swedish Whitebeam)	M	410	10(2)	4	4	4	4	Good	20+	Tree located within hard surface area.	None	None	4.92	B1	12	Moderate	9
T132	<i>Juniperus communis</i> (Common Juniper)	EM	200	9(1)	2	2	2	2	Fair	10+	-	None	None	2.4	B1	10	Low	5
T81la	<i>Juniperus communis</i> (Common Juniper)	EM	200	9(1)	2	2	2	2	Fair	10+	-	None	None	2.4	B1	10	Low	5
T81l	<i>Juniperus communis</i> (Common Juniper)	EM	200	9(1)	2	2	2	2	Fair	10+	-	None	None	2.4	B1	10	Low	5
T128	<i>Ilex aquifolium</i> (Holly)	Y	120	5(1.5)	2	2	2	2	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	1.44	C1	12	Low	6
T73l	<i>Cotoneaster frigidus</i> (Cotoneaster)	SM	150	6(1.5)	1.7	1.7	1.7	1.7	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	1.8	C1	8	Low	4
T134	<i>Sambucus nigra</i> (Elder)	EM	150,120,80	5.5(0.5)	3	3	3	3	Dead	<10	Dead. Ivy on tree. Unable to inspect stem due to Ivy. Mechanical Damage.	None	None	2.5	U	10	Low	0
T87lb	Palm	EM	200	6(3)	1.5	1.5	1.5	1.5	Fair	10+	-	None	None	2.4	C1	8	Low	4
T87l	Palm	EM	180	6(3)	1.5	1.5	1.5	1.5	Fair	10+	-	None	None	2.16	C1	8	Low	4
T87la	Palm	EM	177	7(3)	1.5	1.5	1.5	1.5	Fair	10+	-	None	None	2.12	C1	8	Low	4
T87lc	Palm	EM	210	7(3)	2	2	2	2	Fair	10+	-	None	None	2.52	C1	8	Low	4
T93l	<i>Eucalyptus gunnii</i> (Cider Gum)	M	400	13(2)	4	4	4	4	Good	20+	-	None	None	4.8	B1	18	High	22.5

Tree Number	Species	Age Class	DBH	Height (crown height)	N	E	S	W	Condition	Life Expectancy	Physical Description	Comments	Managment Recommendations	RPA offset from stem.	Category Rating	Mature Height	Water Demand	Zone of Influence
T11s	<i>Acer platanoides</i> (Norway Maple)	M	360	10(3,5)	3	3	3	3	Fair	10+	Tree located within hard surface area. Pollard. Epicormics on stem. Mechanical Damage. Low branches over road/footpath.	None	None	4.32	C1	18	Moderate	13.5
T12s	<i>Malus sylvestris</i> (Crab Apple)	Y	150	5(2)	2	2	2	2	Fair	10+	-	None	None	1.8	C1	10	Moderate	7.5
T13s	<i>Platanus X hispanica</i> (London Plane)	M	530	11(2)	4	4	4	4	Good	20+	-	None	None	6.36	B1	26	Moderate	19.5
T14s	<i>Platanus X hispanica</i> (London Plane)	M	580	11(2)	4	4	4	4	Good	20+	-	None	None	6.96	B1	26	Moderate	19.5
T15s	<i>Platanus X hispanica</i> (London Plane)	M	600	11(2)	4	4	4	4	Good	20+	-	None	None	7.2	B1	26	Moderate	19.5
T148b	<i>Prunus cerasifera</i> (Cherry Plum)	Y	60,70,75,100	5(1,5)	2	2	2	2	Fair	10+	Tree located within hard surface area.	None	None	1.86	C1	10	Moderate	7.5
T148a	<i>Malus</i> (Apple)	Y	65	5(1)	1.5	1.5	1.5	1.5	Fair	10+	-	None	None	0.78	C1	10	Moderate	7.5
T148	<i>Malus</i> (Apple)	Y	65	5(1)	1.5	1.5	1.5	1.5	Fair	10+	-	None	None	0.78	C1	10	Moderate	7.5
T105l	<i>Malus</i> (Apple)	SM	150,170	5(2)	2	2	2	2	Fair	10+	-	None	None	2.72	C1	10	Moderate	7.5
T107l	<i>Chamaecyparis lawsoniana</i> (Lawson Cypress)	M	350	15(0,5)	3	3	3	3	Good	20+	-	None	None	4.2	B1	18	High	22.5
T152	<i>Sambucus nigra</i> (Elder)	SM	180	6(2)	3	1	1	3	Fair	10+	Leaning North. Broken branches in crown.	None	None	2.16	C1	10	Low	5
T90f	<i>Acer pseudoplatanus</i> (Sycamore)	EM	150,180	9(2)	3.5	3.5	3.5	3.5	Fair	10+	Tree located within hard surface area. Unable to inspect stem due to undergrowth. Mechanical Damage.	None	None	2.81	C1	22	Moderate	16.5
T173	<i>Rhus typhina</i> (Stags Horn Sumach)	SM	150	5(0,5)	2.5	2.5	2.5	2.5	Fair	10+	Tree located within hard surface area. Stem divides above 1.5m. Mechanical Damage.	None	None	1.8	C1	8	Moderate	6
T16s	<i>Prunus avium</i> (Wild Cherry)	Y	165	4(1,5)	2	2	2	2	Fair	10+	Tree located within hard surface area.	None	None	1.98	C1	17	Moderate	12.75
T96f	<i>Pittosporum</i> (Cheesewoods)	SM	150,170	5(0,5)	2.5	2.5	2.5	2.5	Fair	10+	Tree located within hard surface area. Unable to inspect stem due to undergrowth. Mechanical Damage.	None	None	2.72	C1	6	Moderate	4.5
T155	<i>Prunus avium</i> (Wild Cherry)	SM	180	5(2)	2	2	2	2	Fair	10+	Tree located within hard surface area. Mechanical Damage. Broken branches in crown.	None	None	2.16	C1	17	Moderate	12.75
T145	<i>Palm</i>	SM	185	6(5)	1.5	1.5	1.5	1.5	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	2.22	C1	8	Low	4
T141	<i>Picea abies</i> (Norway Spruce)	Y	150	6(1)	1.5	1.5	1.5	1.5	Fair	10+	Tree located within hard surface area.	None	None	1.8	C1	18	Moderate	13.5
T177	<i>Sambucus nigra</i> (Elder)	Y	60,70,75	5(1)	2	2	2	2	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	1.43	C1	10	Low	5
T17s	<i>Acer pseudoplatanus</i> (Sycamore)	M	280	9(3)	2.5	2.5	2.5	2.5	Good	20+	Tree located within hard surface area.	None	None	3.36	B1	22	Moderate	16.5
T191	<i>Malus</i> (Apple)	SM	180	5(1,5)	3	3	3	3	Fair	10+	Tree located within hard surface area.	None	None	2.16	C1	10	Moderate	7.5
T18s	<i>Sorbus aucuparia</i> (Rowan)	Y	90	4(1,5)	1.5	1.5	1.5	1.5	Fair	10+	-	None	None	1.08	C1	11	Moderate	8.25
T199	<i>Chamaecyparis lawsoniana</i> (Lawson Cypress)	M	250	6(1,5)	2	2	2	2	Fair	10+	Tree located within hard surface area.	None	None	3	C1	18	High	22.5
T19s	<i>Acer pseudoplatanus</i> (Sycamore)	M	298	9(4,5)	2.5	2.5	2.5	2.5	Good	20+	-	None	None	3.58	B1	22	Moderate	16.5
T20s	<i>Acer pseudoplatanus</i> (Sycamore)	M	390	9(4,5)	2.5	2.5	2.5	2.5	Good	20+	-	None	None	4.68	B1	22	Moderate	16.5
T205	<i>Jacaranda</i> (Fern)	SM	130,145	5(2)	2	2	2	2	Fair	10+	Low vitality. Declining. Mechanical Damage. Dieback in crown. Low bud/leaf density. Broken branches in crown.	None	None	2.34	C1	5	Moderate	3.75
T209	<i>Fraxinus excelsior</i> (Ash)	Y	80,120	7(1,5)	1.7	1.7	1.7	1.7	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	1.73	C1	23	Moderate	17.25
T128f	<i>Ficus carica</i> (Fig)	EM	120,140	6(1)	3	3	3	3	Good	20+	Tree located within hard surface area. Unable to inspect stem due to undergrowth. Mechanical Damage.	None	None	2.21	B1	8	Low	4
T217a	<i>Sorbus aucuparia</i> (Rowan)	SM	120,135	8(2)	2.5	2.5	2.5	2.5	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	2.17	C1	11	Moderate	8.25
T215	<i>Palm</i>	SM	120	4(2,5)	1.5	1.5	1.5	1.5	Fair	10+	-	None	None	1.44	C1	8	Low	4
T217	<i>Sambucus nigra</i> (Elder)	EM	100,155,110	4,5(1)	2	2	2	2	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	2.58	C1	10	Low	5

Tree Number	Species	Age Class	DBH	Height (crown height)	N	E	S	W	Condition	Life Expectancy	Physical Description	Comments	Managment Recommendations	RPA offset from stem.	Category Rating	Mature Height	Water Demand	Zone of Influence
T221	<i>Ficus carica</i> (Fig)	Y	50,60,70,75	5(0.5)	1	3	3	3	Fair	10+	Tree located within hard surface area. Stem divides at ground level. Mechanical Damage.	None	None	1.55	C1	8	Low	4
T21s	<i>Betula pendula</i> (Silver Birch)	M	250	8(2)	3	3	3	1.5	Fair	10+	Tree located within hard surface area.	None	None	3	C1	14	Low	7
T22s	<i>Prunus avium</i> (Wild Cherry)	Y	160	4(2)	2	2	2	2	Fair	10+	Tree located within hard surface area.	None	None	1.92	C1	17	Moderate	12.75
T159l	<i>Viburnum</i>	Y	70,60,75	4.5(1)	2	2	2	2	Fair	10+	Tree located within hard surface area.	None	None	1.43	C1	5	Moderate	3.75
T157l	<i>X Cupressocyparis leylandii</i> (Leyland Cypress)	Y	192	4(1)	1.5	1.5	1.5	1.5	Fair	10+	-	None	None	2.3	C1	20	High	25
T149l	<i>Chamaecyparis lawsoniana</i> (Lawson Cypress)	M	170,185	11(1)	2.5	2.5	2.5	2.5	Fair	10+	Poor shape & form. Tree located within hard surface area. Stem divides at ground level. Mechanical Damage.	None	None	3.01	C1	18	High	22.5
T151l	Dead Tree	M	200	7(1.5)	2	2	2	2	Dead	<10	-	None	None	2.4	U	0		0
T151lb	<i>Ilex aquifolium</i> (Holly)	EM	140	7(0.5)	2	2	2	2	Good	20+	-	None	None	1.68	B1	12	Low	6
T178l	<i>Chamaecyparis lawsoniana</i> (Lawson Cypress)	M	100,210,230	11(2)	2.5	2.5	2.5	2.5	Good	20+	Tree located within hard surface area. Unable to inspect stem due to undergrowth. Stem divides at ground level. Mechanical Damage.	None	None	4.44	B1	18	High	22.5
T23s	<i>Acer platanoides</i> (Norway Maple)	M	350	9(4.5)	3	3	3	3	Good	20+	-	None	None	4.2	B1	18	Moderate	13.5
T24s	<i>Acer platanoides</i> (Norway Maple)	M	350	9(4.5)	3	3	3	3	Good	20+	-	None	None	4.2	B1	18	Moderate	13.5
T25s	<i>Acer pseudoplatanus</i> (Sycamore)	M	260	9(4.5)	3	3	3	3	Good	20+	-	None	None	3.12	B1	22	Moderate	16.5
T26s	<i>Acer pseudoplatanus</i> (Sycamore)	M	370	10(4.5)	3	3	3	3	Good	20+	-	None	None	4.44	B1	22	Moderate	16.5
T27s	<i>Acer platanoides</i> (Norway Maple)	M	460	10(4.5)	3.5	3.5	3.5	3.5	Good	20+	-	None	None	5.52	B1	18	Moderate	13.5
T28s	<i>Acer platanoides</i> (Norway Maple)	M	360	10(4.5)	2.5	3	3	3	Good	20+	-	None	None	4.32	B1	18	Moderate	13.5
T123l	<i>Rhus typhina</i> (Stags Horn Sumach)	SM	150,130	5(0.5)	2	2	2	2	Fair	10+	Tree located within hard surface area. Unable to inspect stem due to undergrowth. Stem divides above 1.5m. Mechanical Damage.	None	None	2.38	C1	8	Moderate	6
T119l	<i>X Cupressocyparis leylandii</i> (Leyland Cypress)	EM	180	9(0.5)	2	2	2	2	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	2.16	C1	20	High	25
T201	<i>Ficus carica</i> (Fig)	SM	90	4(2)	1.5	1.5	1.5	1.5	Fair	10+	Unable to inspect stem due to undergrowth. Mechanical Damage.	None	None	1.08	C1	8	Low	4
T205	<i>Acer palmatum</i> (Japanese Maple)	Y	100	4(1)	1.5	1.5	1.5	1.5	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	1.2	C1	5	Moderate	3.75
T147l	<i>X Cupressocyparis leylandii</i> (Leyland Cypress)	EM	200	7(1)	2	2	2	2	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	2.4	C1	20	High	25
T143l	<i>Sorbus aucuparia</i> (Rowan)	SM	100,150	5(1)	2	2	2	2	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	2.16	C1	11	Moderate	8.25
T168	<i>Ficus carica</i> (Fig)	EM	180	5.5(0.5)	2.5	2.5	2.5	2.5	Fair	10+	Tree located within hard surface area. Unable to inspect stem due to undergrowth. Mechanical Damage.	None	None	2.16	B1	8	Low	4
T154	<i>Prunus avium</i> (Wild Cherry)	EM	200	8(1)	1.5	1.5	1.5	1.5	Fair	10+	Tree located within hard surface area. Mechanical Damage. Broken branches in crown.	None	None	2.4	C1	17	Moderate	12.75
T117l	<i>X Cupressocyparis leylandii</i> (Leyland Cypress)	Y	150	4(1)	2	1	1	2	Fair	10+	Tree located within hard surface area. Mechanical Damage. Broken branches in crown.	None	None	1.8	C1	20	High	25
T77z	<i>Prunus avium</i> (Wild Cherry)	Y	100,95	5(1.5)	1.7	1.7	1.7	1.7	Fair	10+	Tree located within hard surface area. Stem divides below 1.5m. Mechanical Damage.	None	None	1.66	C1	17	Moderate	12.75
T181	<i>Fraxinus excelsior</i> (Ash)	Y	130	3.5(0.5)	2	2	2	2	Fair	10+	Tree located within hard surface area. Mechanical Damage. Branches encroaching upon building.	Sapling.	None	1.56	C1	23	Moderate	17.25
T102f	<i>Gleditsia triacanthos</i> (Honey Locust)	SM	150	6.5(1.5)	3	1.5	3	1.5	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	1.8	C1	14	Moderate	10.5
T193	<i>Prunus avium</i> (Wild Cherry)	Y	100	4(1)	2	1	2	1	Fair	10+	Tree located within hard surface area. Ivy on tree. Unable to inspect stem due to Ivy. Mechanical Damage.	None	None	1.2	C1	17	Moderate	12.75
T114fa	<i>Chaenomeles</i> (Quince)	SM	130	4.5(1)	2	2	2	2	Fair	10+	Tree located within hard surface area. Unable to inspect stem due to undergrowth. Mechanical Damage.	None	None	1.56	C1	5	Moderate	3.75

Tree Number	Species	Age Class	DBH	Height (crown height)	N	E	S	W	Condition	Life Expectancy	Physical Description	Comments	Managment Recommendations	RPA offset from stem.	Category Rating	Mature Height	Water Demand	Zone of Influence
T114f	Malus (Apple)	SM	150	5(1)	2	2	2	2	Fair	10+	Tree located within hard surface area. Unable to inspect stem due to undergrowth. Mechanical Damage.	None	None	1.8	C1	10	Moderate	7.5
T116f	Prunus cerasifera (Cherry Plum)	Y	120	4.5(1.5)	1.5	1.5	1.5	1.5	Fair	10+	Tree located within hard surface area. Mechanical Damage.	None	None	1.44	C1	10	Moderate	7.5

Arboricultural Data Tables Terms.

Tree ID	Reference no. T1, T2 etc. for trees; H for hedgerows; G for Groups and W for woodlands.
Tag Number	If the tree has been tagged with an 'arbo' tag then the physical tag number is listed in this column.
TPO Number	If the tree is subject to a TPO and it is known to us this will be recorded here.
In Conservation Area	Y/N - If the tree is located within a Conservation Area we may confirm that here.
Tree Type	Beech, Oak etc.
Common Name	Common Beech, Evergreen Oak etc.
Latin Name	Fagus sylvatica; Quercus robur - Latin names.
Maturity	The estimated age class of the tree (relative to species) o Y - Young o SM - Semi-mature o EM - Early-mature o M - Mature o OM - Over-mature or V - Veteran
Potential for Bat Habitat	Y/N - if the tree has cracks, cavities or suitable bat habitat it may require further ecological surveys and form a constraint on development.
Measurements Estimated (Y/N)	Y/N - if the tree is off site, covered with ivy, or some other restriction the British Standard allows for measurements to be estimated.
Height	Height of the tree in metres.
Height & Direction of 1st Significant Branch	Recorded to consider access.
Number of Stems	Number of clear stems.
Diameter at Breast Height	Diameter of stem (mm) at breast height (1.5 metres above ground).
Crown Spread	The maximum spread of the tree's canopy measured from the stem in four directions (North, East, South, West).
Canopy Height	The height between ground level and the lowest part of the canopy when considering access.
Crown / stem / Basal Condition	Good, Fair, Poor condition comments.
Category	Tree categorisation based on section 4.5 of BS 5837 (2012) Trees in relation to design, demolition and construction – Recommendations. Four categories are used (A, B, C, U) with categories A, B & C being assigned one of three separate sub categories (1, 2 or 3): A – Trees of high quality with an estimated remaining life expectancy of at least 40 years. B – Trees of moderate quality with an estimated remaining life expectancy of at least 20 years. 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
Life Expectancy	Estimated safe, usable life expectancy.

Sub-Category	Subcategories: 1: Mainly arboricultural & aesthetic qualities 2: Mainly landscape qualities 3: Mainly cultural values, including conservation U – Trees 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
Physical Condition	Good, Fair, Poor condition considering the tree structure, form and vitality.
Management Recommendations	Recommendations (regardless of the development proposals if available) for removal, retention and/or remedial arboricultural works.
Comments	A brief description of the tree which refers to tree form, condition, health and significant defects. Comments regarding environmental conditions affecting the tree (e.g. ground conditions) will also be included where relevant.

Arboricultural data tables are essentially an asset register of the trees and tree cover on and adjacent to a development site. The information included within the tables is used to produce a tree constraints plan (TCP) which shows in 2D the constraints and opportunities on a particular site.

Appendix 3 – Arboricultural Plans

Produced through Axiscape as a site based / field work activity with data reviewed, cleaned and presented as a PDF export AutoCAD.

