



DUCKWORTHS
ARBORICULTURE LTD.

BS:5837 ARBORICULTURAL REPORT

ARBORICULTURAL SURVEY, IMPACT ASSESSMENT &
METHOD STATEMENT

9 HART DYKE CLOSE
WOKINGHAM
BERKSHIRE
RG41 2HQ

CLIENT: MR. & MRS. BATISTA

JUNE 2025

Ref: AIA/AMS 06716 / 2025

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Project: Proposed construction of a single storey extension to the rear of the property and a side extension to the existing detached garage with internal alterations.

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EXECUTIVE SUMMARY

This report provides detailed and site-specific information on the steps which will be undertaken to ensure protected trees are not harmed during the proposed works to extend 9 Hart Dyke Close, Wokingham, Berkshire, RG41 2HQ.

The trees on site have been surveyed in accordance with the guidelines and recommendations from BS:5837 'Trees in Relation to Design, Demolition and Construction'.

Two prominent trees located at the front of the property are subject to a Tree Preservation Order (TPO). Additionally, there are several smaller ornamental trees located at both the front and rear of the property.

The applicants, Mr. and Mrs. Batista, place a high value on their garden and the trees and shrubs growing around the property. Therefore, they are committed to ensuring the trees are protected throughout the construction process.

The footprint of the proposed rear extension is outside of the Root Protection Areas of all trees. Two Cherry Laurel shrubs / shrub groups will need to be cut back or removed to facilitate the proposed garage extension. These are low amenity plants which would not pose a constraint to reasonable development.

Provided the methodology specified within the Arboricultural Method Statement is followed during the building works I am satisfied that this application can be undertaken without harm to the trees and in accordance with the guidelines and recommendations in BS:5837 2012 – Trees in Relation to Design, Demolition and Construction. I can therefore conclude that the application is therefore acceptable as it relates to trees.

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1. INTRODUCTION

1.1 INSTRUCTION

This Arboricultural report has been prepared by Sarah Duckworth, Arboricultural Consultant and provides an Arboricultural Survey, Impact Assessment and Method Statement relating to trees growing on and adjacent to land at 9 Hart Dyke Close, Wokingham, Berkshire, RG41 2HQ.

I have been instructed to survey relevant trees in accordance with BS:5837 (2012) to ascertain the constraints posed by the trees to the proposed construction of a single storey extension to the rear of the property and a side extension to the existing detached garage with internal alterations.

The Arboricultural Impact Assessment in this report uses the tree data to identify any short or longer-term impact the proposed building works might have on the surrounding trees and makes recommendations for amendments or mitigation where appropriate.

This report also includes a site-specific Arboricultural Method Statement and Tree Protection Plan which details the steps which will be taken to ensure significant trees can be successfully protected and retained during and on completion of the proposed building works.

1.2 SCOPE

The British Standard 5837:2012 'Trees in Relation to Design, Demolition and Construction' is designed to assist those concerned with trees and planning to form balanced judgments. This report does not therefore seek to put arguments for or against development but provides a means of protecting the trees which may be affected during development.

The report is for the sole use of the client and its reproduction or use by anyone else is forbidden unless written consent is given by the author.

1.3 DOCUMENTS

A topographical survey is not available for this property. The location of trees within the tree protection plan have been plotted by the Tree Surveyor, their positions measured against boundaries and triangulated against fixed objects on site. The position of these trees should not therefore be taken as exact, but the plan is a fair representation of their locations in relation to the proposed build area.

The Tree Protection Plan which accompanies this report is illustrative and should be used for dealing with tree issues only. The precise location of all tree protection measurements should be confirmed with a pre-commencement site meeting before any demolition or construction activity takes place.

1.4 CAVEATS

The report is valid for a period of two years from the date of issue being 2nd June 2025 and will expire on 2nd June 2027.

The report is not a Tree Risk Management Report or a Hazard Analysis Report and its use as such is invalid.

The report refers to the condition of tree(s) and an assessment of the site on the day the evaluation was undertaken. The trees were assessed from ground level only and not climbed. My assessment of third-party trees was limited where direct access was not available to the adjoining properties.

DISCLAIMER: This is an independently produced Arboricultural Report. I have no connection with any of the parties involved in this site or application that could influence or bias the opinions expressed in this report.

2. ARBORICULTURAL IMPACT ASSESSMENT

2.1 INTRODUCTION

The purpose of the Arboricultural Impact Assessment (AIA) is to evaluate the direct and indirect effects of the proposed building works and where necessary recommend solutions or mitigation as appropriate.

This assessment takes into account the effect of any tree works which may be required to implement the design and identify any potentially damaging activities proposed in the vicinity of the trees.

2.2 PLANNING CONSTRAINTS

TREE PRESERVATION ORDERS

I have confirmed on the Wokingham Borough Council website that two trees on the rear boundary are protected by a Tree Preservation Order (ref TPO-1564-2017). The northernmost tree is an Oak and corresponds with the location of T001 (Oak) of this report. The second tree within the TPO is listed as an Oak. The location of the tree corresponds with T006 (Sycamore) of this report.

No work should be undertaken to trees subject of a Tree Preservation Order without the prior written consent of the Local Planning Authority – exemptions apply.

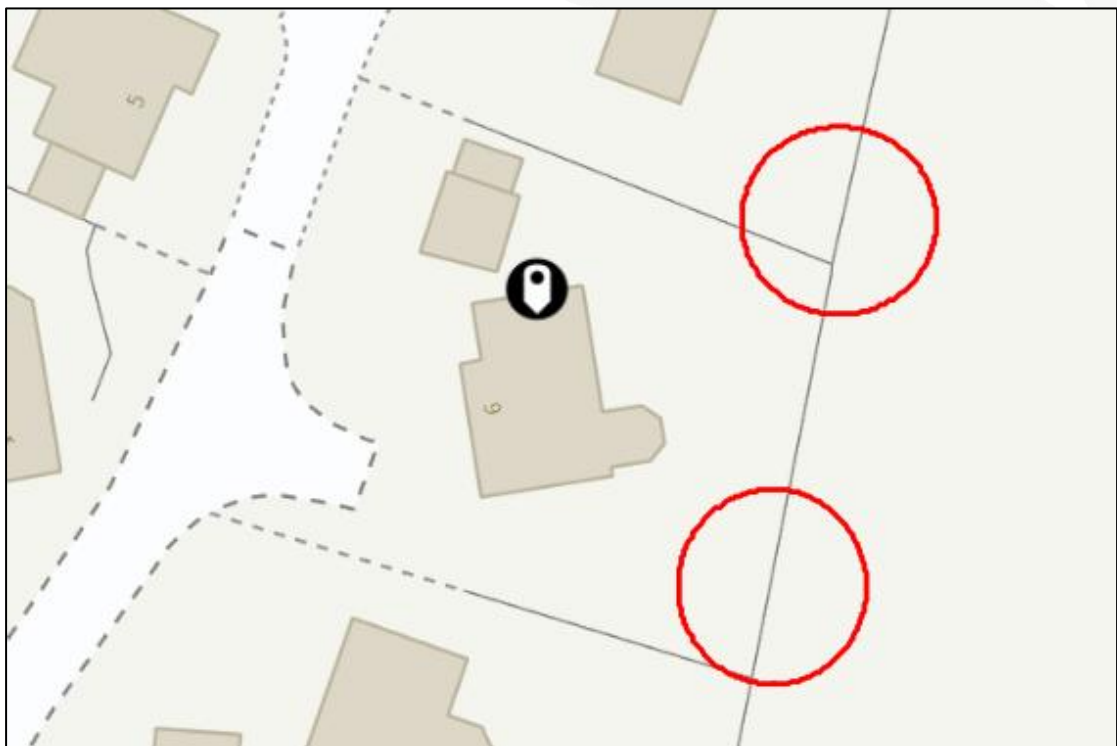


Figure 1 – Wokingham Borough Council Tree Preservation Order Information

CONSERVATION AREA

9 Hart Dyke Close is not within a Conservation Area.

ANCIENT WOODLAND

9 Hart Dyke Close does not include Ancient Woodland, nor is the property within an Ancient Woodland Buffer Zone.

2.3 SOIL

The soil on site was assessed by an appraisal on the British Geological Drift Survey Map only. According to the 1:50,000 scale map records, the bedrock geology for 9 Hart Dyke Close is Bagshot Formation - sand.

The soil at 9 Hart Dyke Close is therefore likely to be free-draining and resistant to compaction. Sandy soil has less capacity to shrink and swell with changing moisture levels¹.

Foundation depths should be calculated in accordance with NHBC Chapter 4.2 following a detailed on-site soil analysis, taking into account the presence of any clay and future growth of the adjacent trees.

2.4 TREES APPRAISAL

Number of individual trees surveyed:	7
Number of tree groups surveyed:	3
Number of category 'A' trees / groups:	1
Number of category 'B' trees / groups:	2
Number of category 'C' trees / groups:	7
Number of category 'U' trees / groups:	0

Figure 2 - Tree quality summary

2.5 APPLICATION ASSESSMENT

The suitability of planning development in relation to trees is assessed in accordance with the British Standard 5837: 2012 'Trees in Relation to Design, Demolition and Construction.

This document requires that the conception and design of the final development layout must take into account the constraints posed by the trees on site. These constraints include not only the existing canopy and likely root spread but also:

- The ultimate height and spread of the trees.

¹ P.G. Biddle (1998) Tree Root Damage to Buildings - Volume 1 Causes, Diagnosis and Remedy. Published Willowmead Publishing Limited. Fig. 4.3, Principal Geological Strata Pg. 39

- Potential impact of species characteristics for future residents – evergreen / deciduous, density of foliage, seasonal leaf drop / berries etc.
- Current and future shade patterns.

The default position in planning is that every effort should be made to retain and protect the category A and B trees on site and that new structures, areas of hard standing and services should be located outside of the identified RPAs of trees to be retained.

One Oak – T005 is a particularly good example of the species and meets the criteria of a high-quality Category 'A' tree within the BS:5837 (2012) criteria for tree quality assessment.

Two other trees to the rear of the property – T006 (Sycamore) & T007 (Norway Maple) have been categorised as 'moderate-quality' Category 'B' grade trees which reflects their lower visual amenity value and slight impairments to their health and / or form.

All other trees within the site are lower-grade category 'C' trees being unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories.

The proposed new property extension is located outside of the root protection areas of all trees.

T001 & H001 (Cherry Laurel) are multi-stem shrubs which will need to be removed or cut back to facilitate the garage extension. Cherry laurel (*Prunus rotundifolia*) is a vigorous non-native shrub and not a tree. These plants have no arboricultural quality or amenity value which would make them a constraint to the proposed development.



Photo 1. T005 (Oak)



Photo 2. T005 (Sycamore) & T006 (Norway Maple)



Photo 3. T004 & T005 (Oak) within the rear garden of 27 Robin Hood Lane

2.6 SUSTAINABILITY

There will remain a good gap between the extended property and the canopies of specimen trees and no further foreseeable additional pruning works required to protected trees on site on completion of the building works.

There is no plan to change or extend the patio or existing areas of hard landscaping where they might otherwise impact on the rooting areas of trees growing on or adjacent to the property.

2.7 TREE PROTECTION DURING BUILDING WORKS

Trees to the rear of the property will be protected during the building work with fit for purpose Tree Protection Barriers installed in accordance with BS:5837:2012. The fencing must remain rigid and complete during development. The area behind the tree protection fencing & ground protection is designated the 'Construction Exclusion Zone' and should be isolated from all activity during construction.

The existing areas of hard landscaping at the front of the property will be retained to protect the roots of small ornamental trees at the property. Ms. Batista (property owner) has confirmed that in order to preserve the well-maintained front garden and lawn, the appointed build contractor will be instructed not to store any materials on the front lawn to prevent any damage to the grass. This will also protect the ornamental trees and shrubs at the front of the property therefore I see no need for additional tree protection in these areas.



Photo 4. T002 (Cherry Laurel) & T003 (Japanese Maple) at the front of 9 Hart Dyke Close. The Property owner is committed to keeping all building work off the front garden to protect the grass and ornamental trees and shrubs.

2.8 SERVICES

I have not received any drainage or service plans for the site. However, it is logical to assume that services can connect within those of the existing garage / dwelling within the footprint of the new extensions.

As a matter of course, the Local Authority may request confirmation on services and routes, including the locations of any new soakaways to be submitted for approval in support of any future application to ensure it does not conflict with the retained trees on site.

2.9 CONCLUSIONS

This report demonstrates that this application to extend 9 Hart Dyke Close has been fully considered in accordance with Arboricultural and Planning best practice (BS:5837:2012 Trees in Relation to Design, Demolition and Construction').

The proposed extensions are located outside of the rooting area of all trees. Cherry Laurel shrubs will be removed / cut back to facilitate the proposed garage extension. These are low quality shrubs which would not pose a constraint to development.

The legally protected trees to the rear of 9 Hart Dyke Close can be fully protected and retained in accordance with the guidelines and recommendations in BS:5837:2012 - Trees in Relation to Design, Demolition and Construction.

Therefore, provided the steps detailed in the Arboricultural Method Statement are followed in full, the application is considered to be acceptable in arboricultural terms.

3. ARBORICULTURAL METHOD STATEMENT (AMS)

3.1 INTRODUCTION

The correct and timely installation of tree protection measures such as tree protection fencing is critical to ensure the long-term retention of a healthy tree stock on or adjacent to the development.

This method statement will be read, approved and agreed to by all key personnel prior to the commencement of works within the site.

WARNING: A FAILURE TO FOLLOW THE ARBORICULTURAL METHOD STATEMENT ONCE APPROVED CAN CAUSE IRREPARABLE HARM TO TREES IN CONTRAVENTION OF A TREE PRESERVATION ORDER AND MAY INVALIDATE YOUR PLANNING CONSENT.

3.2 SITE SUPERVISION AND MONITORING

This schedule for site supervision and monitoring is considered reasonable and proportionate to the arboricultural issues and anticipated short duration of the proposed construction work.

The appointed Arboricultural Consultant will be notified once the Tree Protection Fencing is in place and will ensure that the tree protection measures are as approved and fit-for-purpose. Photos of tree protection fencing will be forwarded to Wokingham Borough Council's Planning Team to confirm compliance.

A copy of the Arboricultural Method Statement and Tree Protection Plan will be available on site for reference.

3.3 ON SITE TREE SUPERVISOR

In addition to the appointed Arboriculturist, there will be a designated on-site 'tree supervisor', a member of the build team or the property owner who is responsible for ensuring no works are undertaken on site except in complete accordance with the approved Arboricultural Method Statement when the Arboricultural Consultant is not present.

The on-site tree supervisor will:

- Be present on site most of the time.
- Be aware of the arboricultural responsibilities relating to the protected / retained trees on site.
- Have the authority to stop any work that will, or have the potential to, cause harm to any tree.
- Be responsible for ensuring that all site personnel are aware of their responsibilities towards trees on site and the consequences of the failure to observe those responsibilities.
- Make immediate contact with the Council and/or the retained arboriculturalist in the event of any related tree problems occurring whether actual or potential.

- To ensure a commitment from all parties to the healthy retention of the trees. These details will be passed on to any contractors working on site, so that the practical aspects of the above precautions are included in their method statements, and financial provision made for these.

3.4 TREE PROTECTION FENCING

No work in relation to the permitted development will be undertaken, including deliveries, excavation, demolition or construction, prior to the Tree Protection Fencing being installed as identified in the Tree Protection Plan.

This is a low intensity building project with no vehicle access to the lawn areas at the rear of the property. Tree Protection Fencing will be constructed using Heras fencing if available or of a more lightweight construction if preferred such as chestnut pale or plastic mesh-type fencing erected onto supporting posts put into the ground to resist movement. Onto the fencing signage will be attached stating 'Tree Protection Area – Keep out!'

Tree protection fencing will be located to form a barrier which will protect the retained trees and their rooting areas and to restrict pedestrian access / prevent the storage of materials within the lawn area at the rear of the property. An end panel can be left loose for residents only to access the garden for leisure / garden maintenance etc.

Fencing will remain vertical, rigid and complete during all building work. At no time will Tree Protection Fencing be removed or relocated contrary to the recommendations in this report, without professional arboricultural advice and without the prior consent of the Local Authority Tree Officer.

The owners of 9 Hart Dyke Close have a well-maintained garden and intend to keep all other works in relation to the build off the lawn and soft landscaped areas at the front of the dwelling. In view of this, no additional tree protection fencing is considered necessary at the front of 9 Hart Dyke Close.

The appointed 'On Site Tree Supervisor' will notify the Tree Officer once Tree Protection Measures are installed on site and 5 days prior to the Protection Fencing being removed on completion of development so that a representative from the Local Authority may visit the site if considered necessary.

3.5 TEMPORARY GROUND PROTECTION

Existing areas of hard landscaping at the front of the property will be retained to provide a suitable work surface and storage areas.

3.6 CONSTRUCTION EXCLUSION ZONE

The area behind the tree protection fencing is designated the Construction Exclusion Zone and is to be isolated from all activity during work on the site.

Construction Exclusion Zones are to remain completely undisturbed for the duration of all development works. No construction activity of any description including (but not limited to) the following will occur within these areas at any time:

- No excavation of any description.
- No storage, disposal of soil, rubble or materials of any other description.
- No alterations to existing levels or ground conditions.
- No vehicular access, parking or use of any tracked or wheeled machinery of any description.
- No tree works, without the written consent of the Council's Tree Service.
- No erection of temporary structures of any description.
- No storage disposal handling or use of any Chemicals including cement washings.
- No fixtures or fittings of any description, security lighting, signage etc shall be attached to any part of a tree.
- No fires shall be light within 10 metres of the canopies of any tree or spread of any hedge.
- No chemicals, fuel, liquids/waste residues of any other description to be stored or disposed of within close proximity to or drained towards/into protection areas.
- No storage, parking, vehicle movement or pedestrian activity, temporary or otherwise, within the construction exclusion zone at any time.

3.7 TREE WORKS

The following pruning work will be undertaken prior to the commencement of any building works on site:

Ref:	Species	Works	Cat.
H001	Laurel cherry (Prunus laurocerasus)	Cut back to boundary or fell as required to clear garage extension	C2
T001	Laurel cherry (Prunus laurocerasus)	Fell and remove stump	C2

Figure 2. Schedule for tree works

3.8 TREE WORKS BEST PRACTICE

All tree works shall be undertaken in accordance with BS:3998 2010 'Tree Work Recommendations'.

No vehicles will be driven beyond the existing driveway onto unprotected ground during the course of the tree work operations.

Chippings arising from the work will not be piled around the bases of trees on or off the site. Wood and any other arisings from the tree work will not be burnt on site.

3.9 PROTECTED SPECIES

In accordance with the Wildlife and Countryside Act - 1981, Conservation - Natural Habitats -Regulations 1994 and Countryside Rights of Way Act - 2000, the site owner will consider the timing and type of tree work operations to avoid causing disturbance to any nesting or breeding birds or bat roosts that may be present within trees.

It is an offence (subject to exceptions) to intentionally kill, injure, or take, possess, or trade in any wild animal listed, and prohibits interference with places used for shelter or protection, or intentionally disturbing animals occupying such places.

Non-urgent major tree work involving tree removal or reduction and hedge cutting operations should not be undertaken during the bird nesting or breeding season, which is considered to be from 1 March to 31 July. However, depending on seasonal temperatures, some birds continue breeding into August and September.

All wild birds, their young, their eggs and active nests are protected under law. It is an offence to damage a nest intentionally while it is in use or being built and hedge cutting is highly likely to damage nests or cause them to be deserted.

3.10 SERVICES

Subject to onsite investigation it is intended that services for the new extensions will connect to those of the existing property / garage within the build footprint.

Soakaways, where required will be located 5m from the rear elevations of the property within the garden area and outside of the rooting areas of all retained trees.

If at any point these routes are found not to be viable then a revised plan will be drawn up in consultation with the Arboricultural Consultant and submitted to Wokingham Borough Council for approval.

There will be no open trenching for services within the root protection areas of retained trees at any time without the prior approval of the Local Authority Tree Officer.

3.11 GENERAL CONSIDERATIONS

Roots can be killed by pollution of the rooting area by chemicals and leaching. Loose, granular or liquid materials, including cement mix and fuel will be stored on an impermeable membrane within the identified storage areas on the existing parking areas and well away from the Trees Root Protection Areas.

Particular care will be taken in the planning of deliveries if they require wide or tall loads and plants with booms, rigs or counterweights which can cause serious and permanent damage to trees making their safe retention impossible.

There will be no open fires on site during the building works.

3.12 UNFORESEEN CIRCUMSTANCES

In the event of unforeseen circumstances whereby it is not possible to work in accordance with the Arboricultural Method Statement, then advice should be sought immediately from a qualified Arboriculturist.

THERE SHALL BE NO DEVIATION FROM THIS METHOD STATEMENT WITHOUT CONSULTATION WITH A QUALIFIED ARBORICULTURIST AND / OR THE WRITTEN CONSENT OF THE LOCAL PLANNING AUTHORITY.

APPENDICES

- A. Survey Data
- B. Key
- C. Cascade Chart for Tree Quality Assessment
- D. Tree Data
- E. Tree Plans
- F. Phasing of works
- G. Contacts
- H. Tree Protection Fencing
- I. Tree Protection Signage
- J. Qualifications

APPENDIX A - SURVEY DATA

- The trees were surveyed on Wednesday 21st May 2025 from ground level only.
- The weather conditions were clear. Visibility was good.
- Heights were estimated as part of a group. Soil samples were not taken.
- The tree survey identified 7 trees and 3 tree groups growing on or adjacent to the site which were relevant to this planning application.
- The trees on site were assessed for their quality and benefits within the context of the proposed development and categorised in accordance with the recommendations in the BS: 5837:2012 – 'Trees in Relation to Design, Demolition and Construction'.

APPENDIX B - KEY

Ref:	T001 = Tree 1	G001 = Group 1
	A001 = Area 1	W001 = Woodland 1
Species:	Common name (Botanical name)	
Height:	Measured with a clinometer (m) where possible or estimated when part of a group	
Stem:	Stem diameter taken at 1.5m with girth tape or rule and recorded in millimeters	
Branch spread:	Paced measurements at compass points or with a laser measure.	
Crown clearance:	Existing height above ground level of canopy and / or first significant branch direction of growth in metres e.g., 2.4 (N) where relevant.	
Epics:	Lower canopy created by epicormic growth.	
Age Class:	Newly planted - 3 years following planting. Young - Tree well established but with juvenile crown form Young Mature - Tree in first third of usual life expectancy for species Mature - Tree in second third of usual life expectancy for species	
Over Mature	Tree in final third of usual life expectancy for species / exhibiting signs of crown retrenchment & senescence.	
Veteran	Older than usual for species or with historical/ cultural / ecological value	
General Observations:	Made with reference to physiological condition (health, vigour) and structural condition, noting evidence of decay, structural weakness and physical defect and preliminary management recommendations.	
Estimated Remaining Contribution:	Estimated in years - less than 10, 10-20, 20-40, 40+	
BS: 5837:2012 category rating:	In accordance with the guidelines of the British Standard.	
	 Category 'A' tree (Green)  Category 'C' tree (Grey)	
	 Category 'B' tree (Blue)  Category 'U' tree – Fell (Red)	
RPA Area	BS:5837 (2012) Root Protection Area calculation in square metres	
RPA Radius	BS:5837 (2012) Root Protection Area calculation circle radius in metres. ²	

² The root protection area radius is for information only and may not be appropriate in every case. BS:5837 advises that *'the RPA for each tree should initially be plotted as a circle centered on the base of the stem. Where pre-existing site conditions or other factors indicate that rooting may have occurred asymmetrically, a polygon of equivalent area should be produced. Modifications to the shape of the RPA should reflect a soundly based arboricultural assessment of likely root distributions.'*

APPENDIX C - BS:5837 (2012) TABLE 1: CASCADE CHART FOR TREE QUALITY ASSESSMENT

CATEGORY & DEFINITION	CRITERIA (including sub-categories where appropriate)		
Trees unsuitable for retention			
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 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		
	Mainly Arboricultural Qualities	Mainly Landscape Qualities	Mainly cultural values including conservation
Trees considered suitable for retention			
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 remedial defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality 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 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 are 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 D - TREE DATA

Ref.	Species	Structure	Measurements	Spread	General Observations	Retention Category	RPA	Summary	Photos
H001	Laurel cherry x3 (Prunus laurocerasus)	Hedge 3 trees	Height (m): 2.5 3 stems, avg.(mm): 80 Crown Clearance (m): 0 Life Stage: Mature Rem. Contrib.: 40+ Years	N:0.5 E:0.5 S:0.5 W:0.5	Short length of clipped evergreen hedging. Some Hazel in group.	C1	Radius: 1.0m. Area: 5 sq m.	Physiological Condition: Fair Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: Dense vegetation	
H002	Laurel cherry x3 (Prunus laurocerasus)	Hedge 3 trees	Height (m): 2.5 3 stems, avg.(mm): 80 Crown Clearance (m): 0 Life Stage: Mature Rem. Contrib.: 40+ Years	N:0.5 E:0.5 S:0.5 W:0.5	Short length of clipped evergreen hedging.	C1	Radius: 1.0m. Area: 9 sq m.	Physiological Condition: Fair Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: Dense vegetation	
H003	Laurel cherry x3 (Prunus laurocerasus)	Hedge 3 trees	Height (m): 2.5 3 stems, avg.(mm): 100 Crown Clearance (m): 0 Life Stage: Mature Rem. Contrib.: 40+ Years	N:1 E:1 S:1 W:1	Offsite length of clipped evergreen hedging.	C1	Radius: 1.2m. Area: 11 sq m.	Physiological Condition: Fair Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: Dense vegetation	

Ref.	Species	Structure	Measurements	Spread	General Observations	Retention Category	RPA	Summary	Photos
T001	Laurel cherry (Prunus laurocerasus)	Tree	Height (m): 3 Stem Diam(mm): 100 Crown Clearance (m): 0 Life Stage: Mature Rem. Contrib.: 20+ Years	N:1.5 E:1.5 S:1.5 W:1.5	Large shrub loosely clipped to form a cube.	C2	Radius: 1.2m. Area: 5 sq m.	Physiological Condition: Good Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: Dense vegetation	
T002	Paperbark cherry (Prunus serrula)	Tree	Height (m): 4 Stem Diam(mm): 260 Crown Clearance (m): 1.5 Life Stage: Mature Rem. Contrib.: 20+ Years	N:3.5 E:4 S:3.5 W:3	Small ornamental tree in landscaped bed.	C1	Radius: 3.1m. Area: 30 sq m.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low	
T003	Japanese maple (Acer palmatum)	Tree	Height (m): 2 Stem Diam(mm): 70 Crown Clearance (m): 0 Life Stage: Mature Rem. Contrib.: 40+ Years	N:1.5 E:1.5 S:1.5 W:1	Small ornamental tree in landscaped bed.	C2	Radius: 0.8m. Area: 2 sq m.	Physiological Condition: Good Structural Condition: Fair Public Amenity Value: Low	

Ref.	Species	Structure	Measurements	Spread	General Observations	Retention Category	RPA	Summary	Photos
T004	Box elder maple (Acer negundo)	Tree	Height (m): 4.5 Stem Diam(mm): 130 Crown Clearance (m): 1.5 Life Stage: Mature Rem. Contrib.: 20+ Years	N:1.5 E:1.5 S:1.5 W:1.5	Small ornamental tree in landscaped bed. Canopy reduced. Foliage sparse and lacking vitality.	C1	Radius: 1.6m. Area: 8 sq m.	Physiological Condition: Fair Structural Condition: Good Public Amenity Value: Low	
T005	Pedunculate oak (Quercus robur)	Tree	Height (m): 14 Stem Diam(mm): 740 Crown Clearance (m): 2.5 Life Stage: Mature Rem. Contrib.: 40+ Years	N:7 E:7 S:6 W:5.5	Offsite mature oak. No access to base. Ivy clad trunk and stems. Broad, symmetrical canopy. Foliage dense and even. Good form and vitality.	A1	Radius: 8.9m. Area: 249 sq m.	Physiological Condition: Good Structural Condition: Unknown Public Amenity Value: Moderate Inspection Limitations: Dense vegetation and restricted access	
T006	Sycamore (Acer pseudoplatanus)	Tree 2 stems	Height (m): 11 2 stems, avg.(mm): 400 Crown Clearance (m): 0.5 Life Stage: Mature Rem. Contrib.: 40+ Years	N:5 E:5 S:3 W:4.5	4m from side boundary, 1m off rear boundary. Offsite tree. Twin stem from 1m. Ivy clad stems. Foliage dense and even. Good vitality.	B2	Radius: 6.8m. Area: 145 sq m.	Physiological Condition: Good Structural Condition: Unknown Public Amenity Value: Moderate Inspection Limitations: No access due to dense vegetation	

Ref.	Species	Structure	Measurements	Spread	General Observations	Retention Category	RPA	Summary	Photos
T007	Purple Norway Maple (Acer platanoides 'Crimson King')	Tree	Height (m): 10 Stem Diam(mm): 400 Crown Clearance (m): 3 Life Stage: Mature Rem. Contrib.: 40+ Years	N:4.5 E:4.5 S:4.5 W:4.5	5m from rear boundary. Single stem. Fair form and vitality.	B2	Radius: 4.8m. Area: 72 sq m.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Moderate	

APPENDIX E – TREE PLANS

Attached as separate pdf documents

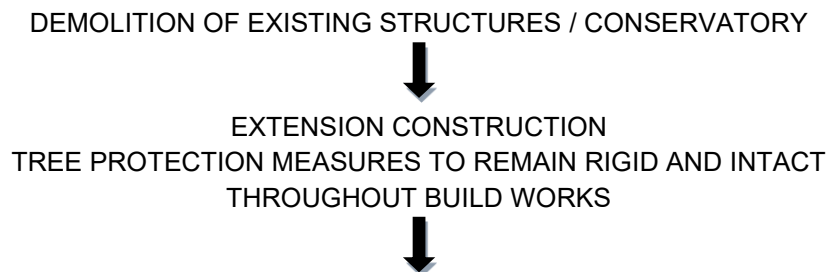
- Tree Protection Plan ref: [9 HART DYKE CLOSE TPP 06716 2025](#)

APPENDIX F – PHASING OF WORKS

STAGE 1 (PRE-COMMENCEMENT)



STAGE 2 (DEMOLITION & CONSTRUCTION)



STAGE 3 (POST DEVELOPMENT)



APPENDIX G – CONTACTS

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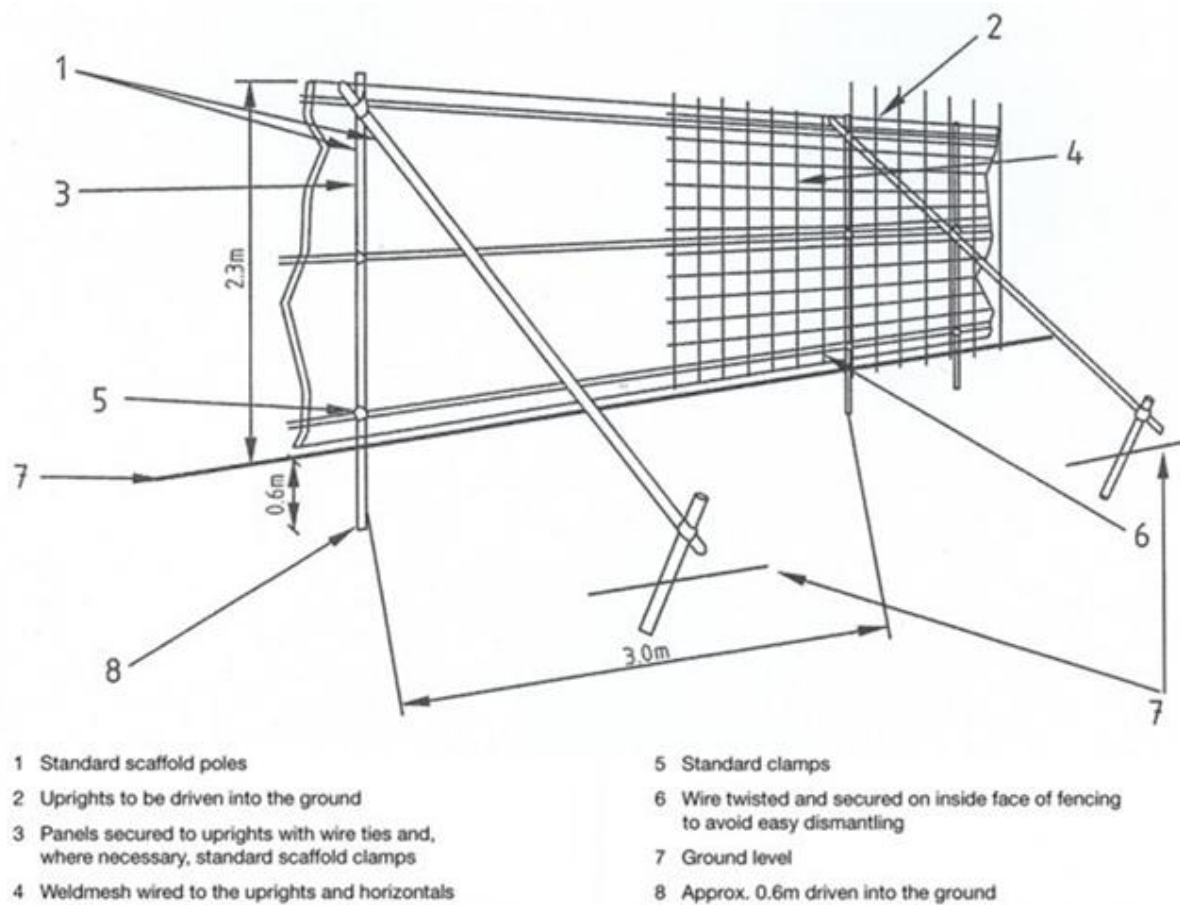
Architect

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APPENDIX H - TREE PROTECTION FENCING



APPENDIX I - TREE PROTECTION FENCING SIGNAGE



TREE PROTECTION AREA KEEP OUT !

**(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY
PLANNING CONDITIONS AND/OR ARE THE SUBJECTS OF
A TREE PRESERVATION ORDER.
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY
LEAD TO CRIMINAL PROSECUTION.**

**ANY INCURSION INTO THE PROTECTED AREA MUST BE
WITH THE WRITTEN PERMISSION OF THE LOCAL
PLANNING AUTHORITY.**

APPENDIX J - QUALIFICATIONS

This Arboricultural report has been prepared by Sarah Duckworth, Independent Arboricultural Consultant, trading as Duckworth's Arboriculture Limited.

I have over 19 years' experience working in the field of Arboriculture and for the past 16 years I have worked as a Local Authority Tree Officer both directly and independently providing contracted support. Since 2010 I have worked as a private consultant carrying out a range of Arboricultural Reports and Assessments for private clients.

I hold the Royal Forestry Society's Professional Diploma (Level 6) for which I received the Lockhart Garrett Award. I also hold the Arboricultural Association's Technicians Certificate (with Distinction).

I am a LANTRA qualified Professional Tree Inspector and a Professional Member of the Arboricultural Association.