

Stourhead MIOS

Tree Valuation and Condition Survey

Final

November 2025

**Prepared for:
National Trust**

www.jbaconsulting.com

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Contract

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JBA Project Code	2025s0768

This report describes work commissioned on behalf of the National Trust. Stephen Tester BSc(Hons) Arb, MArborA, MICFor of Jeremy Benn Associates Limited (t/a JBA Consulting), undertook the survey work.

Purpose and Disclaimer

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The methodology adopted and the sources of information used by JBA in providing its services are outlined in this Report. The work described in this Report is based on the conditions encountered and the information available during the specified period. The scope of this Report and the services are accordingly factually limited by these circumstances.

JBA disclaims any undertaking or obligation to advise any person of any change in any matter affecting the Report, which may come or be brought to JBA's attention after the date of the Report.

Unless otherwise stated in this Report, the assessments made assume that the sites and facilities will continue to be used for their current purpose without significant changes.

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Executive summary

JBA was commissioned to prepare a tree condition and value survey in accordance with BS5837:2012 Trees in relation to design, demolition and construction, to identify any arboricultural constraints and assess the health and condition of the trees growing at the site.

The trees were assessed visually from ground level on the 19th of August 2025. The survey has considered and recorded 43 assets which have been categorised according to BS5837:2012 Trees in relation to demolition, design and construction, which has been summarised in the Tree Survey Schedule (Appendix C) and are summarised below:

- 0 trees were found to be unsuitable for retention – CAT U
- 5 trees found to be of High quality – CAT A
- 19 trees and 1 group were found to be of moderate quality – CAT B
- 11 trees and 7 Groups were found to be of low quality – CAT C

Based on the condition of the trees at the time of the survey, there is no requirement for remedial works to be undertaken on the trees.

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Abbreviations

AOD	Above Ordnance Datum.
AMS	Arboricultural Method Statement - Tree protection information.
AIA	Arboricultural Implication Assessment - The assessment of the project on trees.
BS	British Standards, such as BS3998 & BS5837
CA	Conservation Area.
CEZ	Control Exclusion Zone.
JBA	JBA Consulting Ltd.
RPA	Root Protection Area.
LPA	Local Planning Authority.
RLB	Red Line Boundary
TCP	Tree Constraints Plan.
TPO	Tree Preservation Order, a legal order issued by the LPA to protect trees.
TPP	Tree Protection Plan.

Definitions

Apical Leader: The central stem of the tree that is the most dominant in the crown.

Crown Break: The point at which the trunk splits and the crown forms.

Compensation Growth: The growth a tree makes to strengthen specific areas that may have been damaged or require strengthening in reaction to environmental stress, such as internal rot in the stem or prevailing wind, etc.

Coppiced/ Pollard: Trees are typically cut just above ground level, or above animal grazing height and allowed to regrow from the cut stump.

Crown: The branches and canopy of the tree.

Deadwood: Any branching in the crown that has died. It can be attached to the tree or hanging within branches.

Epicormic Growth: The type of growth can be produced because of a tree experiencing stress, either physical or environmental.

Open Grown: A tree that grows in an open area where develops without any competition for light or space leading to a tree with a broad spreading crown.

Pollard: A pollarded tree. Pollarding is the cutting of a tree at a certain height above ground level, removing all of the crown but sometimes leaving some truncated framework branches, in species suitable to this treatment.

Root Flare: (also known as **stem or trunk** flare) is the location where the tree trunk flares just above the soil line, indicating where the root system begins.

Root Protection Area: The minimum area of ground that provides sufficient soil rooting volume to ensure the survival of the tree in healthy condition. To avoid a significant impact on a tree's health, it is necessary to maintain the RPA without damaging operations. Where construction is unavoidable within the RPA, it should be planned and detailed to avoid significant damage to the tree or soil.

Rot Pocket: An area usually at a branch junction where a hollow has formed and begun to rot into the tree.

Target: Person or object whether mobile or fixed, within the potential zone of impact of a tree or its branches, which might be harmed because of partial or total failure of the tree.

1 Introduction

1.1 Scope

A Tree Condition Survey was commissioned by the client to identify any arboricultural constraints and assess the health and condition of the trees growing at the site.

The Tree Survey was carried out in accordance with BS5837:2012 – Trees in relation to design, demolition and construction – Recommendations, and the results of this survey will be used to inform on the tree constraints and aid with potential design considerations.

The survey was undertaken 'prior to development' as no works had commenced or had been undertaken prior to the survey.

1.2 Site Locations and Survey Boundaries



Figure 1-1 Site Location

The centre of the site on National Grid Reference is: ST 77204 33883

The centre of the site on What 3 Words is: comfort.cello.inform

A formal Red Line Site Boundary drawing was not provided; However, there is a proposed working RLB area, which was used to determine the extent of the survey area.



Figure 1-2 Site 1 proposed working area



Figure 1-3 Site 2 proposed working area

1.3 Report limitations

At time of the original publication only a Tree Condition Survey has been undertaken. An Arboricultural Impact Assessment (AIA) and/or Arboricultural Method Statement (AMS) has not been produced as part of this report.

Full limitations of this report & disclaimers are provided in Appendix A.

2 Statutory Protection

2.1 Tree Preservation Orders and Conservation Areas

Tree Preservation Orders (TPOs) and locations within a Conservation Area (CA) place various restrictions on the felling, pruning or damage to trees, subject to various exemptions. If a site is within a CA and/or does have TPOs then there would likely be an exemption from the requirement to seek consent to fell or carry out works to trees, where it is deemed that these works are strictly necessary to implement a scheme approved by Local Planning Authority.

A desk study was undertaken to determine whether any trees within or adjacent to the site are protected. This was conducted online utilising the [Wiltshire County Council](#) website.

There are no Tree Preservation Orders in place, and the site is within the Stourton Conservation Area. At this time confirmation has not been sought from Wiltshire County Council to confirm whether there any TPOs in place. It is however recommended prior to any tree works being undertaken that confirmation in writing is sought from the council before any tree work is undertaken.

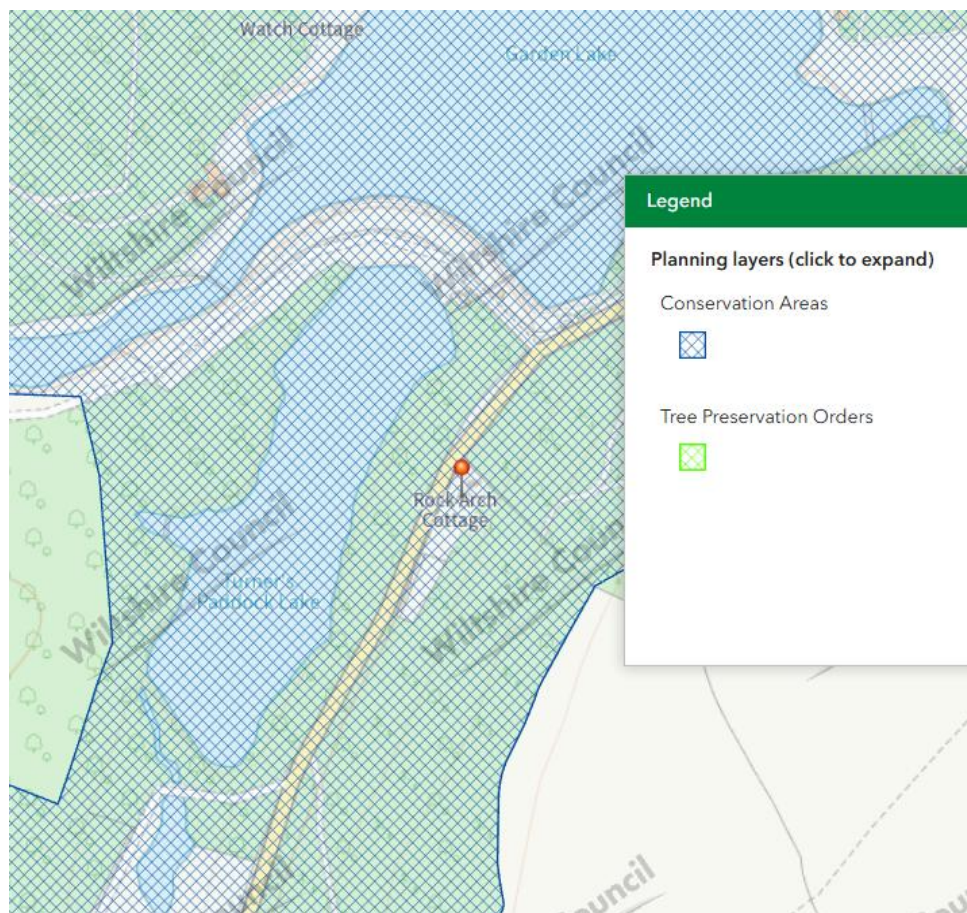


Figure 2-1 Screenshot from Wiltshire County Council website

2.2 Felling Licences

Due to the location of the sites, it is likely that the site would likely be subject to Felling Licence legislation if any removals required exceed the threshold of 5m³.

2.3 Protected Species

Trees and scrub provide habitat for a wide range of species, some of which are protected. Most nesting birds and their nests are protected by the Wildlife and Countryside Act 1981 (as amended). All bats and their roosts are protected by the Wildlife and Countryside Act 1981 (as amended) and gain additional protection under the Conservation of Habitats and Species Regulations 2010 (as amended).

Prior to any works (pruning, removal of trees) or development work near trees being undertaken it is recommended that the trees are inspected by a suitably competent and experienced person (e.g. ecologist) to confirm the absence/presence of protected species, nesting birds or bats.

2.4 Non-Statutory Tree Designations

A search of the Woodland Trust's Ancient Tree Inventory (ATI) indicates that there are several trees on site or within 250m of the site recorded as Notable, Veteran or Ancient.



Figure 2-2 Screenshot from [Woodland Trust Ancient Tree Inventory website](#)

3 Tree Survey

3.1 Methodology

The site was visited on the 19th of August 2025 and an inspection of the trees on site and survey data was collected and recorded in accordance with the requirements of BS5837:2012 – Trees in relation to design, demolition and construction - Recommendations.

A partial Topographical Survey was provided prior to the site survey being carried out.

Individual trees that were surveyed and with a stem diameter of over 150 mm at approximately 1.5m from ground level were included in the survey, as they would require an individual Root Protection Area (RPA) measurement to inform the tree constraints plan and tree survey schedule.

Where deemed appropriate hedgerows, woodlands or groupings of trees were surveyed as such, for example: due to the stems being <150mm diameter and/or due to their density with close canopies, which would indicate that a combined RPA measurement was more appropriate than individual protection areas.

The following information was collected for each additional tree surveyed: species, age class, height, stem diameter at 1.5m above ground level, crown spread in the four cardinal directions and height of the crown above the ground (excluding basal sprouts and epicormic branches).

A visual assessment was made of the trees' physiological and structural condition, noting any disorders or biomechanical features that present an obvious hazard to present or future users of the site or affect the trees' life expectancy. Preliminary management works were deemed appropriate and proposed to either remove/reduce hazards or promote good future growth of the tree.

The trees' overall quality and value for retention were assessed in accordance with BS5837:2012 Table 1 (Appendix B). This was dependent on the trees' physiological and structural condition, safe useful life expectancy and arboricultural, landscape, cultural, ecological value, and amenity value (as a function of size, prominence, attractiveness and screening).

The root protection area (RPA) for each tree was also calculated in accordance with BS5837:20012. The RPA is an area of ground that provides sufficient soil rooting volume to ensure the survival of the tree.

3.2 Survey Results

The tree survey for the site can be found in Appendix C.

A total of 43 assets were surveyed, of which:

- 0 trees were found to be unsuitable for retention – CAT U
- 5 trees found to be of High quality – CAT A
- 19 trees and 1 group were found to be of moderate quality – CAT B
- 11 trees and 7 Groups were found to be of low quality – CAT C

3.3 General Work Recommendations

No work recommendations were deemed necessary or have been recorded at this time.

A Limitations of report & disclaimers

1. No technical survey equipment was used to carry out the assessments, except for a diameter tape, hypsometer, mallet, and probe. The same methodology was applied to all trees, whereby an assessment was commenced at the base of each tree and progressed upward into the crown. An assessment of the canopy was conducted by viewing the tree from a distance and from beneath the canopy.
2. All assessments were conducted from ground level. No aerial or climbing inspections, removal of ivy, or detailed invasive investigations of the condition or decay of the trees were undertaken, unless specified in this report. Assessments may be restricted where trees are obscured by vegetation. The disclosure of hidden defects cannot be expected.
3. Any assessment provided herein represents an overview of the trees at the date of inspection. Trees are living organisms and may exhibit natural features such as cavities, small diameter deadwood, minor bark loss, and similar minor defects. Unless specifically noted in this report, such features are considered typical and are not regarded as significant to the tree's overall health or structural integrity. Only defects that may materially affect the safety, health, or structural stability of the tree have been documented. Please note that changes in the tree's condition or the surrounding environment occurring after the inspection date are not reflected in this report. Regular monitoring and periodic professional assessments are strongly recommended.
4. The potential effects of trees on load-bearing soils beneath existing and proposed structures have not been considered, unless specified within this report, and no soil samples or assessments have been taken.
5. This survey is, unless otherwise specified, not a full or thorough assessment of the health and safety of the trees on or adjacent to the site; therefore, it is recommended that detailed tree inspections are undertaken regularly with the express purpose of complying with the landowner's duty of care and satisfying health and safety requirements.
6. Sketches, diagrams, graphs, and photographs in this report, which are intended as visual aids, are not necessarily to scale (unless stated) and should not be construed as engineering or architectural reports or surveys.
7. Unless expressed otherwise:
 - 1) Information contained in this report covers only those items that were examined and reflects the condition of those items at the time of inspection;

- 2) The inspection is limited to a visual examination of accessible items. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the plant or property in question may not arise in the future.
 - 3) All dimensions are given in metres (m) and millimetres (mm) and are approximate, unless stated otherwise.
-
8. Trees are living organisms whose health and condition can change rapidly; therefore, the health, condition, and safety of trees should be checked regularly. This period of validity of a report may be reduced in the case of any change in conditions concerning or in proximity to the tree.
 9. This report, based on the survey, may contain suggested methodology for the construction process of the later-mentioned planned development; this should be adhered to. In the expert opinion of the author, this is deemed the most suitable methodology for the protection of the trees on site during and post-construction.
 10. Care has been taken to obtain all information from reliable sources. All data has been verified insofar as possible; however, the consultant can neither guarantee nor be responsible for the accuracy of information provided by others. Any legal description provided to the consultant is assumed to be correct. Any titles and ownership of any property are assumed to be good and marketable. No responsibility is assumed in character.
 11. This report is for the sole use of the named client and refers only to those trees identified within the specified boundaries. Alteration or use by others in attempting to apply its contents for any other purpose renders the report invalid for that purpose. Possession of this report or a copy thereof does not imply the right of publication or use for any purpose by any other person to whom it is addressed, without prior expressed written or verbal consent from the consultant.

B BS5837 Grading and Definitions

B.1 Table 1 - Extracted Tree Category grading and Colour Coding from BS5837:2012 and Explanatory tables

Category and definition	Criteria (including subcategories where appropriate)			Plan colour
Trees unsuitable for Retention				
Category U Those 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	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			Dark red
Trees to be considered for Retention				
	1. Mainly arboricultural values	2. Mainly landscape values	3. Mainly cultural values, including conservation	
Category A Trees of high quality with an estimated remaining life expectancy of 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)	Light green

Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention 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	Mid blue
Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm	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	Grey

B.2 Explanation of Tree Condition and Definitions

Tree Conditions			
Physiological Condition		Structural Condition	
Poor	Several instances of disease, pest or pathogen, specific infections, scale of infections, large scale or large size deadwood present. Epicormic Growth.	Poor	Defects in growth, broken/ splits in major branches, congested stems, tight forks, major leaning, hazard beams, advanced decay at critical points. Significant Deadwood present.
Fair	Frequent instance of disease or pest, damage, epicormic growth, multiple symptoms of stress.	Fair	Several minor or occasional major defects, non-critical decay, some dead wood present throughout crown.
Good	Minor disease or pest infestation, not exhibiting symptoms of stress, small instances of dead wood.	Good	Well grown balanced tree, open branch structure, open forks etc.

C Tree Survey Schedule

Tree Survey Schedule

JBA Project Code: 2025s0768

Contract Name: Stourhead MIOS

Date of Inspection: 19/08/2025

Surveyor: Stephen Tester - BSc (hons) Arb, MArborA, MICFor

Tree ID Reference	Species	Full Structure	Stem Diameter/s (mm)	RPA	Branch Spread (m)				Height (m)	Crown Clearance (m)	Life Stage	Rem. Contrib.	Physiological Condition	Structural Condition	Bat Potential	Retention Category	Survey Notes	Photo
					North	East	South	West										
G001	Laurel cherry (<i>Prunus laurocerasus</i>)	Group	avg. 180	Area: 147 sq m.	As Shown on Plan				3.5	0.0	Semi Mature	40+ Years	Good	Good	None	C	Monoculture laurel. Offers screening but no other benefit perceived.	
G002	Common holly x3 (<i>Ilex aquifolium</i>) Laurel cherry (<i>Prunus laurocerasus</i>)	Group 3 trees	avg. 250	Area: 138 sq m.	As Shown on Plan				4.0	0.0	Semi Mature	40+ Years	Good	Fair	None	C2		
G003	Grey willow x4 (<i>Salix cinerea</i>)	Group 4 trees	600, 600	Area: 142 sq m.	As Shown on Plan				8.0	0.0	Over Mature	20+ Years	Good	Fair	None	B1	Large tree starting to layer due to low trailing branching touching the ground.	
G004	Sycamore (<i>Acer pseudoplatanus</i>) Laurel cherry (<i>Prunus laurocerasus</i>) Goat willow (<i>Salix caprea</i>) Grey willow (<i>Salix cinerea</i>)	Group	avg. 300	Area: 1054 sq m.	As Shown on Plan				12.0	0.0	Semi Mature	40+ Years	Good	Good	Low	C		

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					North	East	South	West										
G005	Laurel cherry (<i>Prunus laurocerasus</i>)	Group	avg. 180	Area: 380 sq m.	As Shown on Plan				7.0		Semi Mature	20+ Years	Good	Good	None	C	Grouping of cherry laurel.	
G006	Sycamore (<i>Acer pseudoplatanus</i>) Laurel cherry (<i>Prunus laurocerasus</i>)	Group - coppice	n/a	Area: 282 sq m.	As Shown on Plan				5.0	0.0	Semi Mature	20+ Years	Fair	Fair	Low	C	Cherry laurel and Sycamore coppice adjacent to outlet.	
G007	Laurel cherry (<i>Prunus laurocerasus</i>) Hazel (<i>Corylus avellana</i>)	Group	avg. 180	Area: 504 sq m.	As Shown on Plan				5.0		Early Mature	20+ Years	Fair	Fair	Low	C		
T001	Common hawthorn (<i>Crataegus monogyna</i>)	Tree	80.00	Radius: 1.0m. Area: 3 sq m.	1.0	1.0	1.0	1.0	2.5	0.0	Semi Mature	40+ Years	Good	Good	None	C		

Tree Survey Schedule

Tree ID Reference	Species	Full Structure	Stem Diameter/s (mm)	RPA	Branch Spread (m)				Height (m)	Crown Clearance (m)	Life Stage	Rem. Contrib.	Physiological Condition	Structural Condition	Bat Potential	Retention Category	Survey Notes	Photo
					North	East	South	West										
T002	Common holly (<i>Ilex aquifolium</i>)	Tree 4 stems	140, 100, 110, 140	Radius: 3.0m. Area: 28 sq m.	2.0	2.0	3.5	2.0	3.5	1.0	Semi Mature	40+ Years	Good	Good	None	B		
T003	Blackthorn (<i>Prunus spinosa</i>)	Tree	120.00	Radius: 1.4m. Area: 6 sq m.	2.0	1.0	1.0	0.0	3.5		Young	40+ Years	Good	Fair	None	C	Growing at the base of holly	
T004	Common holly (<i>Ilex aquifolium</i>)	Tree 4 stems	300, 340, 290, 300	Radius: 7.4m. Area: 172 sq m.	2.5	2.5	2.5	2.5	7.0	1.0	Early Mature	40+ Years	Good	Good	None	B		
T005	Common holly (<i>Ilex aquifolium</i>)	Tree 4 stems	300, 320, 180, 300	Radius: 6.7m. Area: 141 sq m.	2.5	3.0	2.5	3.0	4.5	1.0	Early Mature	40+ Years	Fair	Good	None	B		

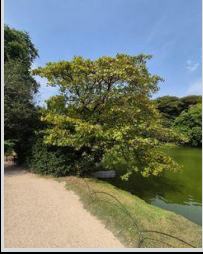
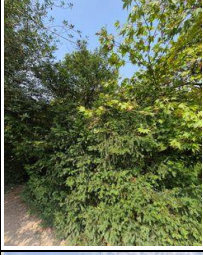
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					North	East	South	West										
T006	Common holly (<i>Ilex aquifolium</i>)	Tree 11 stems	420, 150, 150, 150, 400, 40, 50, 60, 70, 80, 80	Radius: 7.9m. Area: 196 sq m.	2.0	2.0	2.5	3.0	5.0	2.0	Early Mature	40+ Years	Good	Fair	None	B	Central stem leader dead.	
T007	Japanese maple (<i>Acer palmatum</i>)	Tree 2 stems	130, 210	Radius: 3.0m. Area: 28 sq m.	3.0	4.0	3.0	1.0	5.0	1.5	Early Mature	40+ Years	Good	Fair	None	A	Provides good shading of bank.	
T008	English yew (<i>Taxus baccata</i>)	Tree	220.00	Radius: 2.6m. Area: 21 sq m.	1.5	1.5	1.5	1.5	4.0	0.0	Semi Mature	40+ Years	Good	Good	None	B	Maintained from path.	
T009	Common holly (<i>Ilex aquifolium</i>)	Tree 3 stems	420, 380, 300	Radius: 7.7m. Area: 186 sq m.	1.0	1.0	1.0	1.0	3.0	2.0	Early Mature	10+ Years	Poor	Fair	None	C1	Central leaders dead, crown dieback. Ivy covered stem.	

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					North	East	South	West										
T010	Common beech (<i>Fagus sylvatica</i>)	Tree	1160.00	Radius: 13.9m. Area: 607 sq m.	10.0	10.0	10.0	10.0	25.0	8.0	Mature	40+ Years	Good	Good	Low	A1,2	On edge of path.	
T011	English yew (<i>Taxus baccata</i>)	Tree	1450.00	Radius: 15.0m. Area: 707 sq m.	4.0	4.0	8.0	4.0	14.0	2.5	Over Mature	40+ Years	Good	Good	None	A1,2	Multi-spined specimen.	
T012	Rhododendron (<i>Rhododendron ponticum</i>)	Tree 12 stems	30, 40, 40, 40, 50, 40, 30, 40, 40, 40, 40, 40	Radius: 1.6m. Area: 8 sq m.	1.0	1.0	1.0	1.0	3.5	1.0	Semi Mature	40+ Years	Good	Good	None	C		
T013	Rhododendron (<i>Rhododendron ponticum</i>)	Tree 10 stems	50, 40, 40, 40, 50, 40, 40, 40, 40	Radius: 1.6m. Area: 8 sq m.	1.0	1.0	1.0	1.0	3.5	1.0	Semi Mature	40+ Years	Good	Good	None	C		

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T014	Box (<i>Buxus sp.</i>)	Tree 4 stems	170, 140, 140, 130	Radius: 3.5m. Area: 38 sq m.	2.0	1.5	3.0	1.5	3.0	1.0	Early Mature	40+ Years	Good	Good	None	B		
T015	Rhododendron (<i>Rhododendron ponticum</i>)	Tree 4 stems	100, 110, 120, 120	Radius: 2.7m. Area: 23 sq m.	1.5	1.5	1.5	1.5	3.0	1.0	Semi Mature	40+ Years	Good	Good	None	C		
T016	Common holly (<i>Ilex aquifolium</i>)	Tree 2 stems	180, 180	Radius: 3.1m. Area: 30 sq m.	2.0	2.0	2.0	2.0	7.0	2.0	Semi Mature	40+ Years	Good	Good	None	C		
T017	Common holly (<i>Ilex aquifolium</i>)	Tree 3 stems	550, 140, 60	Radius: 6.9m. Area: 150 sq m.	3.0	3.0	3.0	3.0	7.5	2.0	Early Mature	40+ Years	Fair	Good	None	B		

Tree Survey Schedule

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Date of Inspection: 19/08/2025

Surveyor: Stephen Tester - BSc (hons) Arb, MarborA, MICFor

Tree ID Reference	Species	Full Structure	Stem Diameter/s (mm)	RPA	Branch Spread (m)				Height (m)	Crown Clearance (m)	Life Stage	Rem. Contrib.	Physiological Condition	Structural Condition	Bat Potential	Retention Category	Survey Notes	Photo
					North	East	South	West										
T018	Not identified (Not identified)	Tree 8 stems	40, 30, 30, 30, 30, 50, 40, 40	Radius: 1.2m. Area: 5 sq m.	3.0	3.0	3.0	3.0	8.0	2.0	Semi Mature	40+ Years	Good	Good	None	B		
T019	English yew (Taxus baccata)	Tree 2 stems	340, 340	Radius: 5.8m. Area: 106 sq m.	2.5	2.5	2.5	2.5	5.0	1.0	Semi Mature	40+ Years	Good	Good	None	B		
T020	Pedunculate oak (Quercus robur)	Tree	460.00	Radius: 5.5m. Area: 95 sq m.	5.0	5.0	5.0	5.0	14.0	5.0	Early Mature	40+ Years	Good	Good	None	B		
T021	Pedunculate oak (Quercus robur)	Tree	150.00	Radius: 1.8m. Area: 10 sq m.	2.0	2.0	2.0	2.0	4.0	1.0	Young	40+ Years	Good	Fair	None	C		

Tree Survey Schedule

Tree ID Reference	Species	Full Structure	Stem Diameter/s (mm)	RPA	Branch Spread (m)				Height (m)	Crown Clearance (m)	Life Stage	Rem. Contrib.	Physiological Condition	Structural Condition	Bat Potential	Retention Category	Survey Notes	Photo
					North	East	South	West										
T022	Willow (<i>Salix sp.</i>)	Tree 4 stems	200, 180, 170, 210	Radius: 4.6m. Area: 66 sq m.	4.0	4.0	4.0	4.0	7.0	1.0	Semi Mature	20+ Years	Fair	Poor	None	C	Brak wounds and bark stripped from main stems. Multi-spined.	
T023	Common beech (<i>Fagus sylvatica</i>)	Tree	590.00	Radius: 7.1m. Area: 158 sq m.	6.0	6.0	6.0	6.0	16.0	1.0	Semi Mature	40+ Years	Good	Good	None	B		
T024	Pedunculate oak (<i>Quercus robur</i>)	Tree	460.00	Radius: 5.5m. Area: 95 sq m.	4.5	4.5	4.5	4.5	9.0	1.5	Semi Mature	40+ Years	Good	Good	None	B		
T025	Common holly (<i>Ilex aquifolium</i>)	Tree 2 stems	400, 380	Radius: 6.6m. Area: 137 sq m.	2.5	2.5	2.5	2.5	6.0	0.0	Early Mature	40+ Years	Good	Good	None	B		

Tree Survey Schedule

JBA Project Code: 2025s0768

Contract Name: Stourhead MIOS

Date of Inspection:19/08/2025

Surveyor: Stephen Tester - BSc (hons) Arb, MarborA, MICFor

Tree ID Reference	Species	Full Structure	Stem Diameter/s (mm)	RPA	Branch Spread (m)				Height (m)	Crown Clearance (m)	Life Stage	Rem. Contrib.	Physiological Condition	Structural Condition	Bat Potential	Retention Category	Survey Notes	Photo
					North	East	South	West										
T026	Common hawthorn (<i>Crataegus monogyna</i>)	Tree 2 stems	380, 380	Radius: 6.4m. Area: 129 sq m.	2.5	1.0	4.0	4.0	10.0	1.5	Over Mature	40+ Years	Good	Fair	None	B		
T027	Common holly (<i>Ilex aquifolium</i>)	Tree	400.00	Radius: 4.8m. Area: 72 sq m.	2.0	2.0	2.0	2.0	9.0	0.0	Semi Mature	20+ Years	Fair	Fair	None	C1		
T028	Sessile oak (<i>Quercus petraea</i>)	Tree	1470.00	Radius: 22.1m. Area: 1534 sq m.	9.0	9.0	9.0	9.0	30.0	1.5	Veteran	40+ Years	Good	Good	Medium	A1,2	Low trailing branching,lapsed pollard tree. Shed branching on the ground.	No Photo
T029	Sessile oak (<i>Quercus petraea</i>)	Tree	1000.00	Radius: 12.0m. Area: 452 sq m.	9.0	6.0	6.0	7.0	20.0	1.5	Mature	40+ Years	Good	Good	Low	A		
T030	Pedunculate oak (<i>Quercus robur</i>)	Tree	290.00	Radius: 3.5m. Area: 38 sq m.	4.0	4.0	4.0	4.0	9.0	2.0	Semi Mature	40+ Years	Good	Good	None	B		

Tree Survey Schedule

JBA Project Code: 2025s0768

Contract Name: Stourhead MIOS

Date of Inspection: 19/08/2025

Surveyor: Stephen Tester - BSc (hons) Arb, MarborA, MICFor

Tree ID Reference	Species	Full Structure	Stem Diameter/s (mm)	RPA	Branch Spread (m)				Height (m)	Crown Clearance (m)	Life Stage	Rem. Contrib.	Physiological Condition	Structural Condition	Bat Potential	Retention Category	Survey Notes	Photo
					North	East	South	West										
T031	Not identified (Not identified)	Tree	550.00	Radius: 6.6m. Area: 137 sq m.	6.0	6.0	6.0	6.0	14.0	2.0	Semi Mature	40+ Years	Good	Good	None	B		
T032	Common hawthorn (<i>Crataegus monogyna</i>)	Tree 4 stems	160, 160, 180, 180	Radius: 4.1m. Area: 53 sq m.	1.5	1.0	1.0	1.0	6.0	0.5	Semi Mature	40+ Years	Fair	Fair	Low	C	Ivy covered stems	
T033	Common beech (<i>Fagus sylvatica</i>)	Tree	400.00	Radius: 4.8m. Area: 72 sq m.	4.0	4.0	4.0	4.0	14.0	3.5	Early Mature	40+ Years	Good	Good	Low	C	Bifurcated at ~2m from ground level. Ivy covered stem.	
T034	Oak (<i>Quercus sp.</i>)	Tree	440.00	Radius: 5.3m. Area: 88 sq m.	5.0	5.0	5.0	5.0	20.0	3.0	Early Mature	40+ Years	Good	Good	Low	B	Low trailing branching over access gate	

Tree Survey Schedule

JBA Project Code: 2025s0768

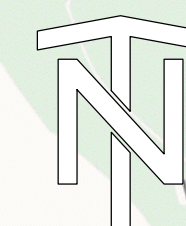
Contract Name: Stourhead MIOS

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Surveyor: Stephen Tester - BSc (hons) Arb, MarborA, MICFor

Tree ID Reference	Species	Full Structure	Stem Diameter/s (mm)	RPA	Branch Spread (m)				Height (m)	Crown Clearance (m)	Life Stage	Rem. Contrib.	Physiological Condition	Structural Condition	Bat Potential	Retention Category	Survey Notes	Photo
					North	East	South	West										
T035	Common alder (<i>Alnus glutinosa</i>)	Tree	380.00	Radius: 4.6m. Area: 66 sq m.	5.0	6.0	3.0	3.0	8.0	4.0	Semi Mature	40+ Years	Good	Good	Low	B2	Epicormic and dense bramble at base.	
W001	Common ash (<i>Fraxinus excelsior</i>) Common beech (<i>Fagus sylvatica</i>) Oak (<i>Quercus sp.</i>) Sycamore (<i>Acer pseudoplatanus</i>) Hazel (<i>Corylus avellana</i>) Poplar (<i>Populus sp.</i>)	Woodland	avg. 400	Area: 1340 sq m.	As Shown on Plan				25.0	4.0	Early Mature	40+ Years	Fair	Fair	Medium	B	Woodland edge around reservoir, trees of individual limited merit, but cohesively frames the setting. If works are limited to the north side of outlet then no impacts are foreseeable on woodland. Average stem diameter ~400-500mm.	

D Tree Constraint Plan



- ## GENERAL NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM NEWLYN (mAOD) UNLESS NOTED OTHERWISE.
 3. ALL COORDINATES ARE IN METRES RELATIVE TO ORDNANCE SURVEY NATIONAL GRID.
 4. DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
 5. COLOUR OF TREE CATEGORIES MAY BE CHANGED FOR VISUAL CLARITY AND SO MAY DIFFER FROM THE BS 5837 STANDARD.

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Project Title

**STOURHEAD MIOS
GARDEN LAKE**

Drawing Title

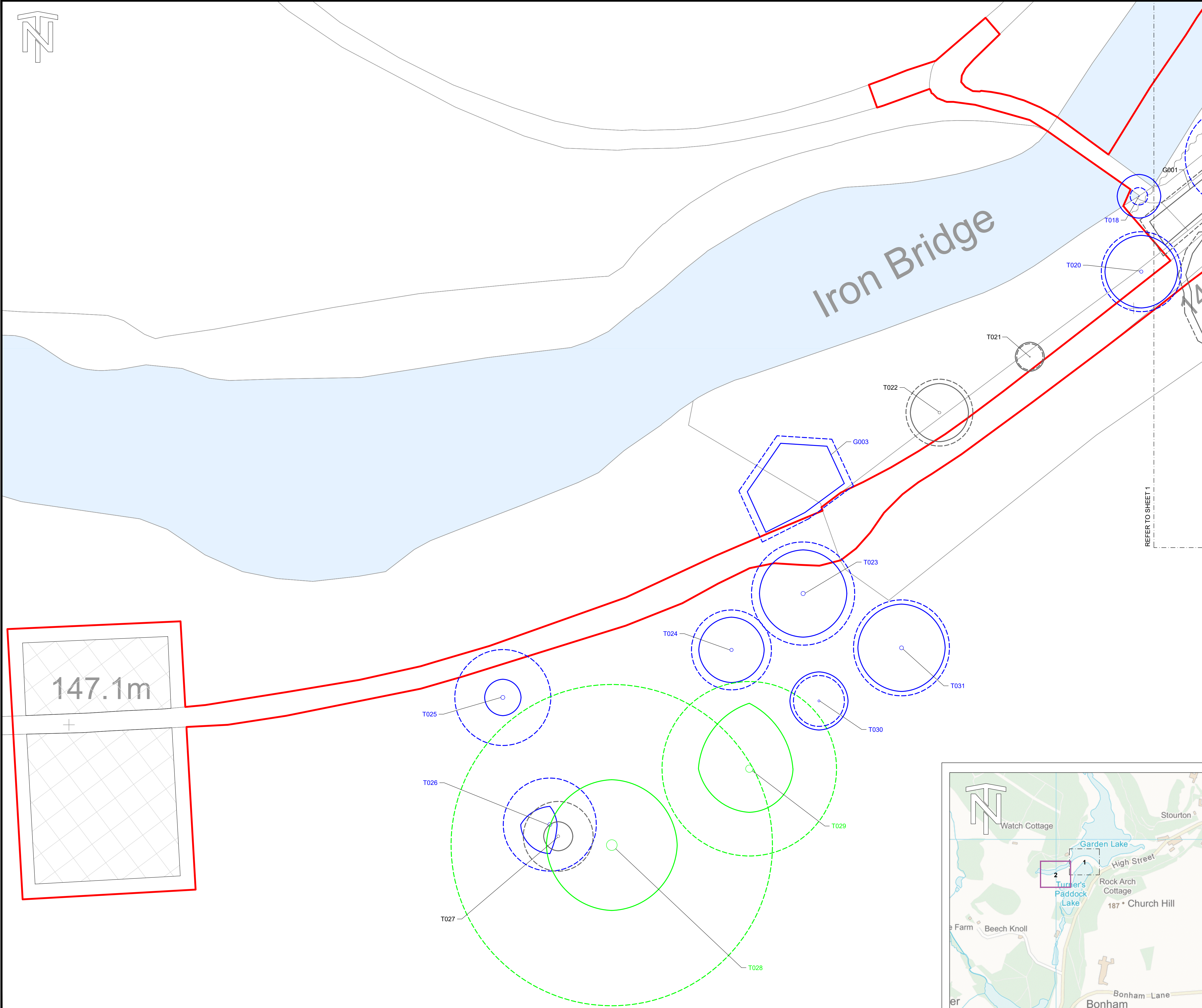
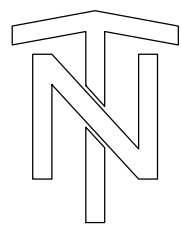
TREE CONSTRAINTS PLAN
SHEET 1 OF 2



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Suitability				Status	
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Information Container					
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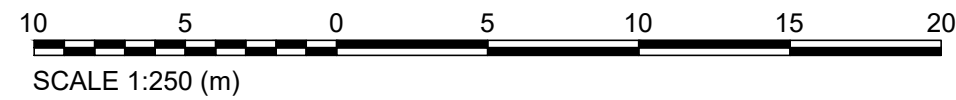
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REFER TO SHEET 2



- GENERAL NOTES**
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 - DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
 - COLOUR OF TREE CATEGORIES MAY BE CHANGED FOR VISUAL CLARITY AND SO MAY DIFFER FROM THE BS 5837.

KEY			
	CATEGORY	COLOUR	
	U	DARK RED	(STEM & CANOPY)
	A	LIGHT GREEN	(STEM & CANOPY)
	B2	MID BLUE	(STEM & CANOPY)
	C2	GREY	(STEM & CANOPY)
	ROOT PROTECTION AREA (COLOUR DEPENDS ON CATEGORY)		
	STEM (COLOUR DEPENDS ON CATEGORY)		
	RED LINE BOUNDARY		



P01	FOR REVIEW AND COMMENT	06/11/25	KJJ	JW	ST	LF
Rev.	Description	Date	Author	Designer	Checker	Approver

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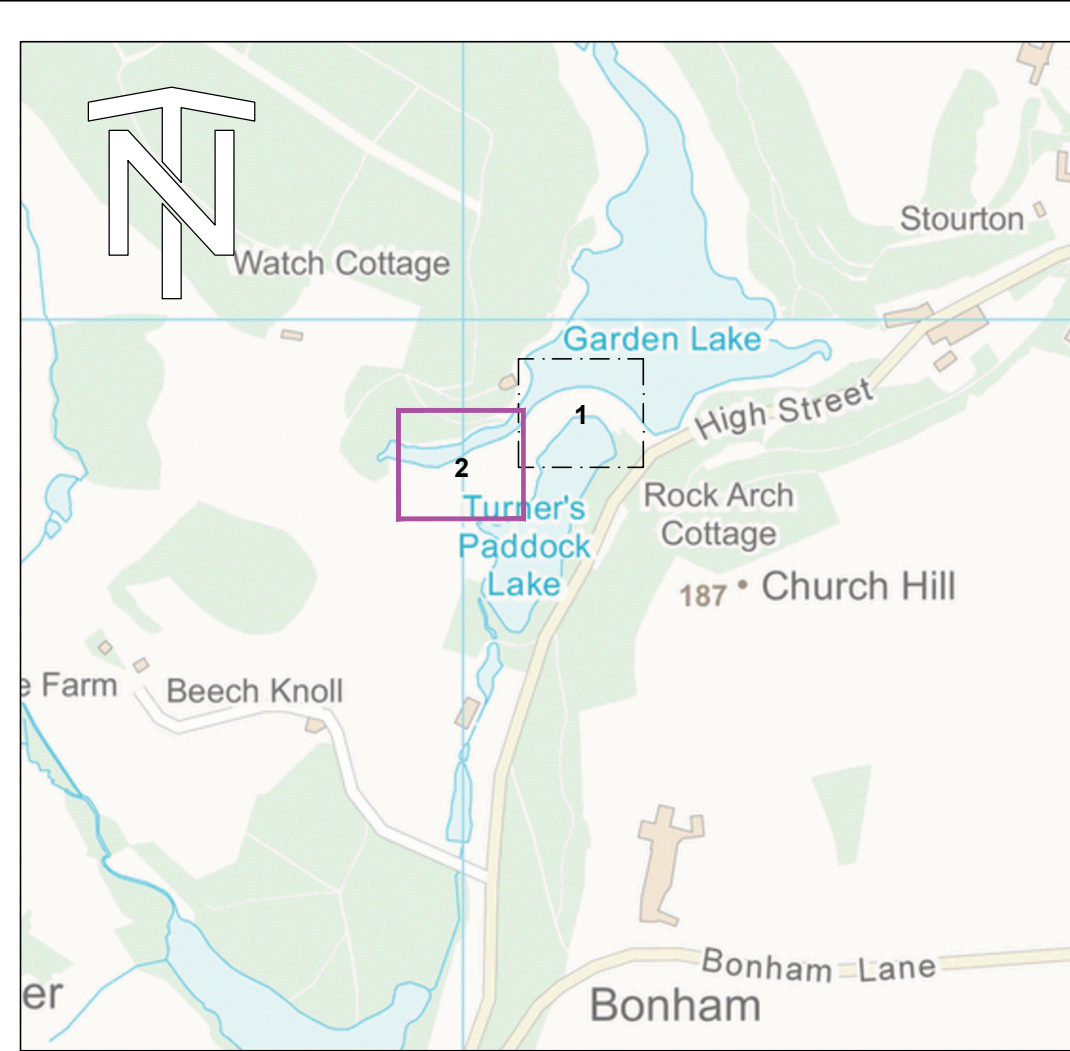
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Suitability FOR REVIEW AND COMMENT		Status A3	Revision C01
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**KEY PLAN
SCALE 1:10000**

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OTISS: <https://www.otiss.co.uk>

Wiltshire County Council: [Wiltshire County Council](#)

Woodland Trust's Ancient Tree Inventory: <https://ati.woodlandtrust.org.uk>

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