

Preliminary Tree Schedule

Site: **Stourhead Energy Upgrade**

Surveyor: **Ben Rose**

Date of Survey: **16th May 2025**



Tree Number	Tree Species	Height (m)	Number of Stems	Stem Ø (cm)	N - Radius (m)	S - Radius (m)	E - Radius (m)	W - Radius (m)	1st Branch (m)	Age Class	Overall Health	ULE (Years)	Tree Structural Condition & Site Notes	Recommended Management	Category
T1	Beech	18	1	60	8.5	8.5	7	9	2	M	G	40+	Very attractive tree in a prominent location with no obvious significant defects.	No action required at present.	A2
T2	Japanese pagoda tree	12	1	69	6	10	7	9.5	0	M	G	40+	Very attractive tree. Low crown. Deadwood in the crown. Decay of major limbs.	No action required at present.	A1
T3	Kousa dogwood	6	MS	22	1	4	2	5	2	M	G	40+	Small tree. No obvious significant defects.	No action required at present.	C1
T4	Dogwood	6	1	16	0	3.5	2.5	2.5	2	EM	G	40+	Attractive tree in a prominent location with no obvious significant defects.	No action required at present.	B2
T5	Dogwood	5	MS	12	0.5	3	3	2	3	EM	F	20+	No obvious significant defects.	No action required at present.	C2
T6	Dogwood	3	1	11	2	0.5	3	0.5	1	EM	D	<10	Standing dead tree.	Cut back to facilitate access.	U
T7	Hawthorn	2	1	16	0.5	4.5	4.5	2	1	EM	F	20+	Ivy clad. Strong lean towards the visitor centre.	Cut back to facilitate access. Also sever ivy at base.	C1
T8	Hornbeam	10	1	49	0	11	5	5	2	M	G	40+	Strong lean towards the visitor centre.	No action required at present.	B1
T9	Holly	5	1	10	0	3	1	1.5	0	SM	G	40+	Small tree surrounded by other shrubs.	Cut back to facilitate access.	C1
T10	Hawthorn	5	2	21	1	3	3	2	2	M	G	40+	Past crown lift. No obvious significant defects.	No action required at present.	B1
T11	Dogwood	5	MS	21	3.5	4	3	4	1	M	G	40+	Low crown. No obvious significant defects.	Cut back to facilitate access.	B1
T12	Beech	19	1	47	5.5	4	4	3.5	4	M	G	40+	Situated at the end of a row of similar trees. No obvious significant defects.	No action required at present.	B1
T13	Sycamore	16	1	50	3	7.5	3	4.5	3	M	F	20+	Lean towards the building. No obvious significant defects.	No action required at present.	B1
T14	Sycamore	15	2	42	3	6.5	3	3	3	M	F	20+	Arboreal ivy. Lean towards the building. No obvious significant defects.	No action required at present.	B1
T15	Sycamore	15	2	64	6	5.5	6	6	2	M	G	40+	Hedgerow tree. No obvious significant defects.	No action required at present.	B2

A key explaining each category is provided at the rear of the schedule

Preliminary Group Schedule

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Group Number	Tree Species	Number in Group	Height (m)	Number of stems	Stem Ø (mm)	N - Radius (m)	S - Radius (m)	E - Radius (m)	W - Radius (m)	1st Branch	Age Class	Overall Health	ULE (Years)	Tree Structural Condition & Site Notes	Recommended Management	Category
G1	Dogwood and elder	4	3	MS	8	3	3	3	3	1	EM	G	40+	Small trees behind the toilet block.	Cut back to facilitate access.	C1
G2	Broadleaf woodland	40+	20	1	55	5	5	5	5	3	M	G	40+	Woodland up to the brow of the hill.	No action required at present.	A2
G3	Beech and oak	7	19	1	50	4	4	4	4	3	M	G	40+	Double row of mature trees.	No action required at present.	A2
G4	Ash	2	11	1	40	4	4	4	4	3	M	P	10+	Hedgerow trees with symptoms of Chalara dieback.	No action required at present.	C1
G5	Mixed woodland	50+	16	1	35	3	3	3	3	3	M	G	40+	Plantation woodland at the edge of the site, Potential to grow to 25m	No action required at present.	B3
G6	Broadleaf woodland	50+	16	1	35	3	3	3	3	3	M	G	40+	Woodland edge on brow of hill.	No action required at present.	A3

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Preliminary Hedge Schedule

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Hedge Number	Tree Species	Height (m)	No. of Stems	Stem Ø (cm)	Width (m)	Length (m)	Age Class	Overall Health	ULE (Years)	Condition & Notes	Recommended Management	Category
H1	Cherry laurel, beech and holly	2.5	1	8	2	40	EM	G	40+	Dense garden hedge that is regularly trimmed to create a neat box profile.	No action required at present.	B2
H2	Field maple, dogwood and hawthorn	2	MS	3	1.5	85	SM	G	40+	Young hedge with no signs of past management.	Temporarily translocate a section to install the cable and then reinstate after the cable has been installed. Water immediately after replanting.	C1
H3	Sycamore, grey willow, hawthorn, blackthorn and elder	4	MS	12	3.5	65	M	G	40+	Dense hedge with no signs of recent management.	Cut a gap to install the cable and then replant with hawthorn after the cable has been installed.	C2
H4	Hazel, hawthorn, field maple, dogwood and elder	6	MS	15	6	215	M	G	40+	Dense hedge with no signs of recent management.	No action required at present.	B2
H5	Hawthorn	5	MS	12	2	265	EM	G	40+	Sides are regularly flailed.	No action required at present.	C2
H6	Hazel, hawthorn, blackthorn, field maple, dogwood and elder	5	MS	15	6	220	M	G	40+	Dense hedge with no signs of recent management.	No action required at present.	B2
H7	Hazel, hawthorn, blackthorn, field maple, sycamore, goat willow and elder	6	MS	15	6	205	M	G	40+	Dense hedge with no signs of recent management. 3m gap for footpath in eastern end.	No action required at present.	B3

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Tree Schedule - KEY

Tree/Group/Hedge Number

Tree, tree-groups or hedges have been allocated a number for the purpose of this survey. Numbers within the Tree Schedule relate to those marked on the Tree Removal Plan and Tree Protection Plan drawings.

Trees protected by a tree preservation order (TPO) are highlighted by grey colouration in the tree schedule.

Species

Common names are listed.

Number in Group

Number of trees within a group. A group of trees may comprise of more than one species.

Height (m)

All heights are estimated in metres.

Number of Stems

The number of stems is either 1, 2, 3, 4, 5 or MS (multi-stemmed). This feature influences how the area of the recommended root protection area is calculated.

Stem or Combined Diameter (cm)

Single stem diameters are measured at 1.5m with a diameter tape. The combined stem diameters for trees with up to five stems and trees with more than five stems (MS) trees are calculated in accordance with the guidance.

Crown Spread Radius (m)

The crown radius from tree trunk to crown limit identified at the four cardinal points (N, S, E and W) in order to allow presentation of the above ground constraints on the Tree Protection Plan.

Measurements are approximate and recorded to the nearest half metre.

1st Branch (m)

This is a record of the height of the lowest branch. This is useful when planning access routes or considering if pruning will be required to site new features under a tree crown.

Age Class

(Y) Young, (SM) Semi-Mature, (EM) Early-Mature, (M) Mature, (FM) Fully-Mature or (V) Veteran.

Overall Health

An overall assessment of the physiological condition of the tree recorded as (G) Good, (F) Fair, (P) Poor, (D) Dead.

ULE (Years)

Useful Life Expectancy. Anticipated future contribution to amenity, in years.

Tree Structural Condition & Site Notes

Observations on the form of the tree, condition and structural integrity.

Site notes are detailed when relevant to the growth conditions or rooting constraints.

Management Recommendations

Recommended tree surgery works to be carried out prior to construction. Terminology used is based on guidance detailed in BS3998:2010 – Recommendations for tree work¹.

Category

Tree category as defined within BS5837:2012. Categories A (high quality), B (moderate quality) and C (low quality) are trees that should be considered for retention. Category U trees are unsuitable for retention.

¹ British Standards Institution (2010). BS3998 - Recommendations for Tree Work. BSI, London.