



TREE SURVEY REPORT

Eastleigh Borough Council

Site: Allington Lane Solar Farm



Chesil House, Arrow Close,
Boyatt Wood, SO50 4SY
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The Complete Arboricultural Consultancy

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CBA11754 v1B



The Professional Arboricultural Consultancy

TREE SURVEY NOTES

This Tree Survey has been undertaken within the recommendations of British Standards 5837:2012 and current arboricultural best practice.

- Each tree has been numbered and, where instructed, for future identification on site, has been tagged using small durable metal or plastic tags.
- Due to variations of existing ground levels through the site, height dimensions are estimated and are given in metres. Accurate heights, measured with the aid of optical instruments can be provided where instructed.
- Trunk/stem diameters are measured in mm at 1.5 metres above ground level, using a standard measuring tape as defined by British Standards, unless otherwise stated.
- Estimated branch spread is taken in metres from the centre of the trunk, at the four cardinal points of a compass, to achieve an accurate representation of the crown shape which will be recorded on the tree survey plan.

- An assessment of a tree's age classification is made in terms of its maturity within the site's landscape and defined as:

Y	=	young trees
SM	=	semi-mature trees
EM	=	early mature trees
M	=	mature trees
OM	=	over-mature trees

- An assessment of a tree's physiological condition is defined as:

Good	=	fully functioning biological system showing average vitality i.e. normal bud growth, leaf size, crown density and wound closure
Fair	=	fully functioning biological system showing below average vitality i.e. reduced bud growth, smaller leaf size, lower crown density and reduced wound closure
Poor	=	a biological system with limited functionality showing significantly below average vitality i.e. limited bud growth, small and chlorotic leaves, low crown density and limited wound closure
Dead	=	dead

- An assessment of a tree's structural condition is defined as:

Good	=	no significant structural defects
Fair	=	structural defects which could be alleviated through remedial tree surgery or management practices
Poor	=	structural defects which cannot be alleviated through tree surgery or management practices
Dead	=	dead

- An assessment of a tree's future life expectancy is defined as: **<10, 10+, 20+ or 40+ years.**

Categorisation of Trees

The category for each tree is assessed using the recommendations of BS5837:2012. The assessment has not considered any site-specific development proposals, but will have considered any changes on or off-site which may have an effect on the conditions surrounding the surveyed trees.

The trees have been classified into one of the following categories (and one or more sub-categories [this will however not increase the value of the tree]) and are indicated on the associated drawings by colours as indicated.

Category U				Identification colour on plan
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			DARK RED
Category A	1 – Mainly arboricultural values	2 – Mainly landscape values	3 – Mainly cultural values	Identification colour on plan
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	1 – Mainly arboricultural values	2 – Mainly landscape values	3 – Mainly cultural values	Identification colour on plan
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 down-graded 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 value or other cultural value	MID BLUE
Category C	1 – Mainly arboricultural values	2 – Mainly landscape values	3 – Mainly cultural values	Identification colour on plan
Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value	GREY

Clients are advised that Tree Surveys are a basic data collection exercise and record of tree condition at the time of survey. This will identify any visible signs of ill-health or major defects, advising a further detailed investigation where appropriate. This will most often take the form of a request for either “*full ground level inspection*” or “*climbing inspection required*”. There may also be a further reference to the need for “*decay detection equipment*” to aid diagnosis. A tree survey does not include a comprehensive schedule or specification of remedial tree works, but may contain a guide to the work which might be undertaken by a prudent tree owner, purely for reasons of health and safety.

A Tree Survey should not be confused with a Tree Inspection or Arboricultural Implication Assessment, which are totally separate exercises.

	TREE SURVEY REPORT (BS5837:2012)	
	Site:	Allington Lane Solar Farm, Allington Lane, Fair Oak
	Date:	16th and 28th June 2023
	Consultant:	Stefan Rose <i>BSc(Hons), TechCert (Arbor A), TechArbor.A</i>
	Tagged:	No

Notes:

1. It may be advised that some trees should have the ivy removed to enable a re-survey to be carried out. This would also alleviate the tree from becoming suppressed; carrying additional weight that increases the chance of windthrow due to a larger dense crown area; and only receiving restricted light. Unless otherwise stated, in order to prevent regrowth, it is only necessary to remove a 300mm section of ivy and clear around the base.
2. It may be advised that it was only possible to estimate the diameter of some trees because of ivy smothering, dense vegetation, or trees located off-site with no access.
3. The estimated remaining contribution in years, and the tree grading category have been calculated for the current situation and may alter where further investigation works are advised.
4. Some trees or groups may have been given an interim grade. The reason for the interim grading is addressed in the timescales given as this may have a bearing on health and safety and/or any development proposals.
5. Tree Groups have been assessed with estimated and representative data.
6. This is not a Tree Works Schedule. Any preliminary management recommendations are listed in the interests of health and safety and should be carried out by a prudent tree owner.
7. Any management recommendations are suggested for reasons of health and safety only, regardless of development proposals at this stage. However, the defects requiring remedial tree surgery are by their very nature potential wildlife habitats, including protected species which needs consideration prior to any tree surgery works commencing.
8. The data collected and any advice provided within this report is supplied in the interests of sound arboricultural management. Trees are a living dynamic organism that can be affected by external conditions (high winds, storms, snow, heavy rain or drought) and may occasionally fail without warning. It is therefore not possible to state with any certainty that any tree or group of trees is completely safe. The condition of a tree or group of trees can change rapidly as a result of external factors; we would advise that the occupier/ owners inspect the trees at least every 12 months or following periods of extreme weather and where concerns are raised relating to tree health that would be considered beyond the knowledge of a layperson, further arboricultural advice should be sought.

TREE PRESERVATION ORDER / CONSERVATION AREA STATUS:
 CBA Trees has not been instructed to ascertain whether there are any legal restrictions covering trees on site. It is advised to seek written confirmation from the Local Planning Authority prior to undertaking any tree works.

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
1	Pedunculate Oak <i>Quercus robur</i>	11	S	Est 450	6.0	4.0	6.0	5.0	3.0	4.0	3.0	3.5	SM	Good	Good Unable to verify health and safety of basal area due to hedge and no access Minor deadwood in crown	No works required at time of survey	40+	B1+2
2	Common Ash <i>Fraxinus excelsior</i>	11	MS<5	420	6.0	4.0	3.0	4.0	4.0	4.0	4.0	4.0	EM	Poor	Fair Ditch line tree Hedge line tree Field boundary tree Major deadwood in crown Multi-stemmed at ground level Dieback in crown	Advise removal	<10	U
3	Pedunculate Oak <i>Quercus robur</i>	11	S	Est 500	6.0	4.0	6.0	4.0	4.0	4.0	4.0	4.0	EM	Good	Fair Possibly offsite Multi-stemmed at 2m above ground level Ivy on trunk Unable to verify health and safety due to no access	No works required at time of survey	40+	B1+2
4	Pedunculate Oak <i>Quercus robur</i>	12	S	Est 500	6.0	7.0	7.5	6.0	4.0	4.0	3.0	4.0	EM	Good	Fair Possibly offsite Unable to verify health and safety due to no access Bifurcated at 2.5m above ground level Ivy on trunk Minor deadwood in crown Epicormics on trunk and in crown	No works required at time of survey	20+	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
5	Common Hawthorn <i>Crataegus monogyna</i>	6	MS<5	390	3.0	3.5	2.0	2.0	2.5	2.5	2.5	2.5	M	Poor	Poor Bifurcated at ground level Apical dieback Decay in trunks Epicormics on trunks	Advise removal	<10	U
6	Pedunculate Oak <i>Quercus robur</i>	18	S	1275	12.0	9.0	9.0	10.0	2.5	3.0	3.0	3.0	M	Good	Fair Ditch line tree Large buttress roots Multi-stemmed at 3m above ground level Branch tear wound and storm damage in crown Veteran tree Major deadwood in crown Ivy on trunk and in crown Epicormics in crown	No works required at time of survey	40+	A1+2+3
7	Pedunculate Oak <i>Quercus robur</i>	7	S	350	4.0	3.0	3.0	5.0	2.0	2.0	2.0	2.0	SM	Good	Fair Multi-stemmed at 2m above ground level Previously topped Low hanging branches Epicormics on trunk and in crown Minor deadwood in crown	No works required at time of survey	10+	C1+2
8	Silver Birch <i>Betula pendula</i>	12	S	280	6.0	4.0	4.0	5.0	1.0	2.0	2.0	2.0	SM	Good	Good Offsite Unable to verify health and safety due to no access Low hanging branches Minor deadwood in crown	No works required at time of survey	40+	A1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
9	Pedunculate Oak <i>Quercus robur</i>	10	S	450	6.0	6.0	5.0	6.0	2.0	2.0	2.0	2.0	EM	Good	Fair Offsite Unable to verify health and safety due to no access	No works required at time of survey	20+	B1+2
10	Goat Willow <i>Salix caprea</i>	6	MS<5	140	2.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0	SM	Good	Fair Natural regeneration Bifurcated at 0.25m above ground level Trunk and crown shape distorted due to group pressure Leans and weighted north east	No works required at time of survey	10+	C1
11	Common Hawthorn <i>Crataegus monogyna</i>	6	MS<5	Est 300	3.0	3.5	3.0	3.0	1.0	1.0	1.0	1.0	EM	Good	Fair Unable to verify health and safety due to no access Minor deadwood in crown Low hanging branches	No works required at time of survey	10+	C1+2
12	Pedunculate Oak <i>Quercus robur</i>	17	S	470	6.0	7.0	6.0	6.0	4.0	3.0	3.0	4.0	EM	Good	Good Epicormics on trunk and in crown Major deadwood in crown Grows at top of railway embankment Fencing and access limits survey	No works required at time of survey	20+	B1+2
13	Pedunculate Oak <i>Quercus robur</i>	15	S	460	6.0	7.0	6.0	6.0	4.0	3.0	3.0	3.0	EM	Good	Good Epicormics on trunk and in crown Major deadwood in crown Grows at top of railway embankment Fencing and access limits survey	No works required at time of survey	20+	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
14	Goat Willow <i>Salix caprea</i>	7	S	410	5.0	5.0	4.0	6.0	1.0	1.0	2.0	1.0	EM	Fair	Fair Bifurcated at 1.6m above ground level North side previously reduced Epicormics on trunk and in crown Minor deadwood in crown	No works required at time of survey	10+	C1+2
15	Pedunculate Oak <i>Quercus robur</i>	9	S	950	-	-	-	-	-	-	-	-	M	Dead	Dead Standing monolith	No works required at time of survey	-	U
16	Pedunculate Oak <i>Quercus robur</i>	19	S	Est 850	9.0	8.0	6.0	8.0	7.0	6.0	6.0	6.0	M	Good	Fair Offsite Unable to verify health and safety due to no access Grows on railway embankment Epicormics on trunk and in crown Major deadwood in crown Branch tear wounds and storm damage in crown	No works required at time of survey	20+	B1+2
17	Silver Birch <i>Betula pendula</i>	11	S	220	-	-	-	-	-	-	-	-	SM	Dead	Dead Dead tree	Advise removal	-	U
18	Common Ash <i>Fraxinus excelsior</i>	18	MS>6	470	6.0	4.0	4.0	5.0	4.0	4.0	4.0	4.0	EM	Poor	Fair Multi-stemmed at ground level Sparse crown Apical dieback	Advise removal	<10	U
19	Pedunculate Oak <i>Quercus robur</i>	13	S	450	4.0	5.0	8.0	6.0	3.0	2.0	2.0	3.0	EM	Good	Fair Ditch line tree Leans south Low hanging branches Minor deadwood in crown	No works required at time of survey	20+	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
20	Goat Willow <i>Salix caprea</i>	5	MS>6	140	3.0	3.0	2.0	3.0	1.0	1.0	1.0	1.0	SM	Good	Fair Offsite Unable to verify health and safety due to no access Multi-stemmed at ground level Low hanging branches	No works required at time of survey	20+	C1+2
21	Pedunculate Oak <i>Quercus robur</i>	18	S	1370	12.0	8.0	14.0	8.0	2.0	1.5	2.0	3.0	M	Good	Good Large buttress roots Bifurcated at 4m above ground level Bark wounds on trunk Epicormics on trunk and in crown Major deadwood in crown Potential for veteran/ancient status	No works required at time of survey	40+	A1+2+3
22	Common Hawthorn <i>Crataegus monogyna</i>	4	MS>6	260	2.0	1.5	2.0	2.5	1.0	1.0	1.0	1.0	SM	Good	Fair Multi-stemmed at ground level	No works required at time of survey	10+	C1+2
23	Hawthorn <i>Crataegus spp</i>	6	MS>6	Est 290	3.0	3.0	3.0	4.0	1.0	1.0	1.0	1.0	EM	Dead	Dead Surrounded by brambles Multi-stemmed at ground level Low hanging branches	No works required at time of survey	-	U
24	Hawthorn <i>Crataegus spp</i>	5	MS>6	Est 290	3.0	3.0	3.0	3.0	1.0	1.0	1.0	1.0	EM	Poor	Poor Surrounded and dominated by brambles Multi-stemmed at ground level Low hanging branches	No works required at time of survey	<10	U
25	Hawthorn <i>Crataegus spp</i>	5	MS>6	200	2.5	2.5	2.5	2.5	1.0	1.0	1.0	1.0	SM	Fair	Fair Multi-stemmed at ground level Low hanging branches	No works required at time of survey	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
26	Pedunculate Oak <i>Quercus robur</i>	14	S	960	8.0	7.0	7.0	8.0	2.0	4.0	3.0	2.5	M	Good	Fair Hedge line tree Low hanging branches Epicormics on trunk and in crown Trifurcated at 1.5m above ground level Ivy on trunk and in crown Major deadwood in crown but no significant target Field boundary tree	No works required at time of survey	20+	B1+2
27	Pedunculate Oak <i>Quercus robur</i>	11	MS<5	730	7.0	6.0	6.0	8.0	3.0	4.0	1.0	1.0	M	Good	Fair Bifurcated at ground level Hedge line tree Field boundary tree Epicormics on trunk and in crown Major deadwood in crown but no significant target	No works required at time of survey	20+	B1+2
28	Pedunculate Oak <i>Quercus robur</i>	15	S	1480	8.0	8.0	9.0	11.5	1.0	1.0	1.0	1.0	M	Good	Fair Major cavity at base on south east and east Old pruning wounds on trunk and in crown with decay pockets forming Branch tear wounds in crown Major deadwood in crown Low hanging branches Epicormics in crown Potential veteran	No works required at time of survey	40+	A1+2+3

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
29	Common Hawthorn <i>Crataegus monogyna</i>	5	MS>6	290	3.5	3.0	4.0	4.0	1.0	1.0	1.0	1.0	EM	Poor	Fair Multi-stemmed at ground level Brambles dominant round base Low hanging branches Low crown density	No works required at time of survey	<10	U
30	Pedunculate Oak <i>Quercus robur</i>	16	S	Est 1500	6.0	12.0	8.0	8.0	4.0	4.0	2.0	3.0	M	Poor	Poor Veteran tree in major decline Major deadwood in crown Crown retrenching Old pruning wounds on trunk and in crown with cavities and branch tear wounds Brambles dominate base of trunk Unable to verify health and safety of basal area Epicormics on trunk	No works required at time of survey	40+	A1+2+3
31	Pedunculate Oak <i>Quercus robur</i>	18	S	1590	9.0	9.0	8.0	11.0	4.0	2.0	3.0	4.0	M	Good	Good Potential veteran Multi-stemmed by 5m above ground level Major deadwood in crown Epicormics on trunk and in crown Branch tear wounds in crown	No works required at time of survey	40+	A1+2+3

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
32	Pedunculate Oak <i>Quercus robur</i>	14	S	990	9.0	9.0	8.0	8.0	2.0	1.0	3.0	1.0	M	Good	Fair Bifurcated at 5m above ground level Epicormics on trunk and in crown Low hanging branches Major deadwood in crown Branch tear wounds in crown Potential veteran	No works required at time of survey	40+	A1+2
33	Pedunculate Oak <i>Quercus robur</i>	9	S	390	7.0	7.0	6.0	6.0	3.0	2.0	4.0	4.0	EM	Fair	Fair Grows on edge of pond Major deadwood in crown	No works required at time of survey	10+	C1+2
34	Pedunculate Oak <i>Quercus robur</i>	12	MS<5	720	6.0	6.0	8.0	5.0	2.0	3.0	2.0	2.0	M	Fair	Fair Grows on pond edge Low hanging branches Major deadwood in crown Bifurcated at 1.6m above ground level Trunk and crown shape distorted due to group pressure	No works required at time of survey	20+	C1+2
35	Pedunculate Oak <i>Quercus robur</i>	19	S	Est 1700	9.0	10.0	10.0	10.0	4.0	2.0	2.0	2.0	M	Good	Fair Bifurcated at 2.5m above ground level Ivy on trunk and in crown Epicormics on trunk and in crown Major deadwood in crown Brambles and nettles dominate basal area Old pruning wounds in crown with cavities forming Branch tear wounds in crown Possible veteran Wildlife holes in south side of crown	No works required at time of survey	40+	A1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
36	Pedunculate Oak <i>Quercus robur</i>	17	S	720	8.0	8.0	8.0	8.0	3.0	4.0	5.0	3.0	M	Good	Fair Ivy on trunk and in crown Grows on field boundary Bifurcated at 3m above ground level Major deadwood in crown Possibly offsite	No works required at time of survey	40+	B1+2
37	Pedunculate Oak <i>Quercus robur</i>	18	S	680	8.0	8.0	8.0	7.0	4.0	3.0	4.0	2.0	M	Good	Fair Bifurcated at 1.5m above ground level Tight forks with included bark Low hanging branches Epicormics on trunk and in crown Major deadwood in crown but no significant target	No works required at time of survey	20+	C1+2
38	Pedunculate Oak <i>Quercus robur</i>	15	MS>6	400	6.0	7.0	5.0	6.0	3.0	4.0	6.0	3.0	EM	Good	Fair Multi-stemmed at ground level Access limited by dense brambles Crown shape distorted due to group pressure Epicormics on trunk and in crown Minor deadwood in crown Weighted north Field boundary tree	No works required at time of survey	20+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
39	Pedunculate Oak <i>Quercus robur</i>	16	MS<5	660	8.0	8.0	8.0	6.0	2.0	3.0	3.0	3.0	M	Good	Fair Bifurcated at 1.2m above ground level Tight forks with included bark Field boundary tree Major deadwood in crown but no significant target	No works required at time of survey	20+	C1+2
40	Pedunculate Oak <i>Quercus robur</i>	10	S	Est 600	6.0	8.0	8.0	5.0	2.0	3.0	3.0	3.0	EM	Good	Fair Unable to verify health and safety of base due to no access Crown shape distorted due to group pressure Trifurcated at 3.5m above ground level Epicormics in crown Major deadwood in crown but no significant target	No works required at time of survey	20+	B1+2
41	Goat Willow <i>Salix caprea</i>	7	MS>6	350	4.0	5.0	4.0	6.0	1.0	1.0	1.0	0.5	EM	Good	Fair Multi-stemmed at ground level Low hanging branches Small Hawthorn grows to east under crown	No works required at time of survey	20+	C1+2
42	Blackthorn <i>Prunus spinosa</i>	3	MS>6	180	2.5	2.5	2.0	3.0	0.5	0.5	0.5	0.5	EM	Good	Fair Low hanging branches Multi-stemmed approximately 0.5m above ground level	No works required at time of survey	20+	C2
43	Goat Willow <i>Salix caprea</i>	5	MS>6	150	2.5	2.5	2.5	2.5	1.0	1.0	1.0	1.0	SM	Good	Fair Multi-stemmed at ground level Bark wounds on trunks	No works required at time of survey	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
44	Common Hawthorn <i>Crataegus monogyna</i>	4	MS>6	100	1.0	1.0	2.0	1.0	0.5	0.5	0.5	0.5	SM	Fair	Fair Multi-stemmed at ground level	No works required at time of survey	10+	C1+2
45	Goat Willow <i>Salix caprea</i>	7	MS<5	210	3.0	3.0	2.0	3.0	1.0	1.0	1.0	1.0	EM	Good	Fair Multi-stemmed at ground level Low hanging branches	No works required at time of survey	20+	C1+2
46	Pedunculate Oak x2 <i>Quercus robur</i>	15	S	West 630 East 650	6.0	11.0	12.0	6.0	4.0	3.0	2.0	1.0	M	Good	Fair Trunk and crown shapes distorted due to group pressure Two trees growing at one Major deadwood in crowns but no significant target Frothy Oak Disease of west side of west tree at 1m above ground level Epicormics on trunks and in crowns	No works required at time of survey	20+	B1+2
47	Pedunculate Oak <i>Quercus robur</i>	17	S	700	8.0	7.0	7.0	8.0	4.0	5.0	2.0	3.0	M	Good	Fair Possibly offsite Growing on bank Epicormics on trunk and in crown Major deadwood in crown	Remove deadwood	20+	B1+2
48	Pedunculate Oak <i>Quercus robur</i>	16	S	650	7.0	6.0	4.0	6.0	4.0	4.0	4.0	4.0	EM	Fair	Fair Appears to grow offsite In decline Multi-stemmed at 3.5m above ground level	Confirm ownership	<10	U

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
49	Pedunculate Oak <i>Quercus robur</i>	17	S	770	7.0	9.0	9.0	9.0	2.0	1.0	3.0	2.0	M	Good	Fair Ivy on trunk and in crown limits survey Multi-stemmed at 4m above ground level Epicormics on trunk and in crown Minor deadwood in crown	No works required at time of survey	40+	B1+2
50	Common Ash <i>Fraxinus excelsior</i>	8	S	370	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	SM	Poor	Poor Apical dieback In decline	Advise removal	<10	U
51	Pedunculate Oak Field Maple	14	MS<5	Est 400	6.0	7.0	6.0	3.0	3.0	4.0	4.0	3.0	SM	Good	Fair Two trees growing together Unable to verify health and safety of basal area due to dense shrubs Crown shape distorted due to power line clearance Basal suckers	No works required at time of survey	20+	C1+2
52	Common Hawthorn <i>Crataegus monogyna</i>	5	MS>6	190	3.5	2.5	3.0	3.0	1.0	1.0	1.0	1.0	SM	Good	Fair Multi-stemmed at ground level Basal suckers Low hanging branches	No works required at time of survey	20+	C1+2
53	Blackthorn <i>Prunus spinosa</i>	5	MS>6	190	3.0	2.0	3.0	2.0	0.5	0.5	0.5	0.5	SM	Good	Fair Multi-stemmed at ground level Low hanging branches	No works required at time of survey	20+	C1+2
54	Goat Willow <i>Salix caprea</i>	8	MS<5	480	5.0	4.0	5.0	5.0	1.0	1.0	1.0	1.0	EM	Good	Fair Bifurcated at ground level Stems fuse together at 1.3m above ground level	No works required at time of survey	20+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 1	Goat Willow Hawthorn Blackthorn	7	S	400	-	-	-	-	-	-	-	-	EM	Good	Fair Roadside group Low hanging branches Some multi-stemmed at ground level Minor deadwood in crowns	No works required at time of survey	20+	C1+2
Grp 2	Pedunculate Oak Common Ash	12	S	600	-	-	-	-	-	-	2.5	-	EM	Good	Fair Hedge line trees Possibly offsite Ivy on trunks Trunk and crown shapes distorted due to group pressure Some multi-stemmed at various heights Minor deadwood in crowns	No works required at time of survey	20+	B1+2
Grp 3	Common Ash	8	MS<5	250	-	-	-	-	-	-	-	-	SM	Fair	Fair Field boundary trees Some multi-stemmed at ground level Low hanging branches	No works required at time of survey	10+	C1+2
Grp 4	Pedunculate Oak x2 Common Ash x1	12	S	350	-	-	-	-	-	-	-	-	SM	Good	Fair Ditch line trees Field boundary trees Trunk and crown shapes distorted due to group pressure Epicormics on trunk and in crowns Lower branches historically flailed	No works required at time of survey	20+	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 5	Blackthorn Hawthorn Field Maple	5	S	300	-	-	-	-	-	-	-	-	EM	Good	Fair Trunk and crown shapes distorted due to group pressure Field boundary group Ditch line tree Low hanging branches Minor deadwood in crowns	No works required at time of survey	10+	C1+2
Grp 6	Goat Willow Common Alder Pedunculate Oak	11	S	Est 500	-	-	-	-	-	-	-	-	EM	Good	Fair Survey limited due to no access Trunk and crown shapes distorted due to group pressure Low hanging branches Minor deadwood in crowns	No works required at time of survey	20+	C1+2
Grp 7	Common Alder Poplar	12	S	Est 500	-	-	-	-	-	-	-	-	SM	Good	Fair Survey limited due to no access Trunk and crown shapes distorted due to group pressure Low hanging branches Minor deadwood in crowns	No works required at time of survey	20+	C1+2
Grp 8	Common Ash Pedunculate Oak Common Alder Silver Birch Common Hazel Common Hawthorn Field Maple	19	S	900	-	-	-	-	-	-	-	-	M	Good	Fair Trunk and crown shapes distorted due to group pressure Growing on bank Low hanging branches Larger trees set back from west side of group Major deadwood in crowns Storm damage Branch tear wounds	No works required at time of survey	20+	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 9	Common Ash Blackthorn Common Hawthorn	5	S	150	-	-	-	-	-	-	-	-	SM	Good	Fair Field boundary and ditch line hedge with sporadic trees forming within	No works required at time of survey	20+	C1+2
Grp 10	Pedunculate Oak Common Ash Common Hawthorn Blackthorn	19	S	1100	-	-	-	-	-	-	-	-	M	Good	Fair Woodland edge trees Trunk and crown shapes distorted due to woodland environment Major deadwood in crowns One tree in decline Old pruning wounds on trunks and in crowns Potential veteran trees	Remove tree in decline	40+	A1+2+3
Grp 11	Pedunculate Oak x5	19	S	750	-	-	-	-	-	-	-	-	M	Good	Fair One fire damaged Oak Major deadwood in crowns Trunk and crown shapes distorted due to group pressure Second Oak has bark wounds on lower trunk, most likely caused by fire	Remove deadwood Reduce or remove fire damaged tree	20+	B1+2
Grp 12	Pedunculate Oak Common Ash Goat Willow Blackthorn Common Hawthorn	8	S	400	-	-	-	-	-	-	-	-	SM	Good	Fair Roadside group Field boundary group Trunk and crown shapes distorted due to group pressure Mostly multi-stemmed at ground level Low hanging branches Bark wounds Minor deadwood in crowns	No works required at time of survey	20+	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 13	Pedunculate Oak	15	S	500	-	-	-	-	-	-	-	-	M	Good	Fair Roadside group Trunk and crown shapes distorted due to group pressure Growing on bank Ivy on trunks and in crowns Minor deadwood in crowns	No works required at time of survey	20+	B1+2
Grp 14	Common Hawthorn Blackthorn Goat Willow Pedunculate Oak Common Hazel	5	S	200	-	-	-	-	-	-	-	-	EM	Good	Fair Roadside group Trunk and crown shapes distorted due to group pressure Low hanging branches Minor deadwood in crowns Oaks beginning to develop within group	No works required at time of survey	20+	B2
Grp 15	Pedunculate Oak x3	16	S	450	-	-	-	-	-	-	-	-	EM	Good	Fair Growing on and off site at top of railway embankment Ivy on trunks Low hanging branches Trunk and crown shapes distorted due to group pressure Minor deadwood in crowns	No works required at time of survey	20+	B1+2
Grp 16	Common Hawthorn Blackthorn Goat Willow	7	MS<5	250	-	-	-	-	-	-	-	-	EM	Good	Fair Growing on and off site at top of railway embankment Sporadic in parts Many dead or dying trees within group Several Oaks within group becoming individual trees	Remove or make safe dead and dying trees	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 17	Silver Birch Goat Willow Common Hawthorn	12	S	250	-	-	-	-	-	-	-	-	SM	Fair	Fair Trunk and crown shapes distorted due to group pressure Low hanging branches Bark wounds on trunks Some multi-stemmed trees in group	No works required at time of survey	20+	C1+2
Grp 18	Pedunculate Oak Common Ash Silver Birch Crack Willow	19	S	Est 900	-	-	-	-	-	-	-	-	M	Good	Fair Large Oaks growing offsite Unable to verify health and safety due to no access Growing on railway embankment Low hanging branches Major deadwood Trunk and crown shapes distorted due to group pressure One tree in decline to eastern end of group	No works required at time of survey	20+	B1+2
Grp 19	Common Hawthorn	7	MS>6	250	-	-	-	-	-	-	-	-	SM	Fair	Fair Ditch line trees Low hanging branches Some in decline	No works required at time of survey	10+	C2
Grp 20	Goat Willow Common Hawthorn Blackthorn Pedunculate Oak Common Hazel	6	MS>6	250	-	-	-	-	-	-	-	-	SM	Good	Fair Trunk and crown shapes distorted due to group pressure Low hanging branches Field boundary group	No works required at time of survey	20+	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 21	Common Hawthorn Blackthorn	4	MS>6	200	-	-	-	-	-	-	-	-	SM	Fair	Fair Linear group growing to the side of a track Multi-stemmed at ground level Low hanging branches Many trees are sparse	No works required at time of survey	10+	C2
Grp 22	Goat Willow Common Hawthorn Blackthorn	5	MS>6	250	-	-	-	-	-	-	-	-	SM	Good	Fair Trunk and crown shapes distorted due to group pressure Low hanging branches Several sparse trees to east end of group Multi-stemmed at ground level	No works required at time of survey	20+	B1+2
Grp 23	Pedunculate Oak Goat Willow Common Hawthorn Common Hazel Field Maple	15	S	450	-	-	-	-	-	-	-	-	EM	Good	Fair Growing either side of a track Multi-stemmed at ground level	No works required at time of survey	20+	B1+2
Grp 24	Common Hawthorn x2	6	MS>6	Est 220	-	-	-	-	-	-	-	-	SM	Good	Fair Two trees growing at one Surrounded by brambles Unable to verify health and safety due to no access	No works required at time of survey	20+	C1+2
Grp 25	Goat Willow Common Hawthorn Blackthorn	2	S	90	-	-	-	-	-	-	-	-	SM	Good	Fair Field boundary hedge	No works required at time of survey	10+	C2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 26	Common Hawthorn Blackthorn Field Maple	6	MS>6	110	-	-	-	-	-	-	-	-	SM	Good	Fair Field boundary group Trunk and crown shapes distorted due to group pressure Multi-stemmed at ground level Low hanging branches Minor deadwood in crowns	No works required at time of survey	10+	C1+2
Grp 27	Pedunculate Oak	14	S	450	-	-	-	-	-	-	-	-	EM	Good	Fair Field boundary trees Hedge line trees Roadside trees Ivy on trunks Trunk and crown shapes distorted due to group pressure Major deadwood in crowns but no significant target	No works required at time of survey	20+	B1+2
Grp 28	Goat Willow	7	MS>6	220	-	-	-	-	-	-	-	-	SM	Good	Fair Multi-stemmed at ground level Natural regeneration	No works required at time of survey	10+	C1+2
Grp 29	Weeping Willow Pedunculate Oak Silver Birch Wild Cherry Common Hawthorn Goat Willow	11	S	1000	-	-	-	-	-	-	-	-	EM	Good	Fair Growing on and off site Trunk and crown shapes distorted due to group pressure Low hanging branches Larger trees set back from site Provides visual separation to and from neighbouring garden One fallen dead tree in group	No works required at time of survey	20+	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 30	Blackthorn	4	S	200	-	-	-	-	-	-	-	-	EM	Good	Fair Trunk and crown shapes distorted due to group pressure Low hanging branches Minor deadwood in crowns Growing along track edge Provides visual separation to and from site	No works required at time of survey	20+	C1+2
Grp 31	Goat Willow White Willow	7	S	350	-	-	-	-	-	-	-	-	EM	Good	Fair Multi-stemmed at ground level Low hanging branches Trunk and crown shapes distorted due to group pressure Bark wounds on trunks Major deadwood in crowns	No works required at time of survey	20+	C1+2
Grp 32	Goat Willow White Willow	8	S	400	-	-	-	-	-	-	-	-	EM	Good	Fair Multi-stemmed at ground level Low hanging branches Trunk and crown shapes distorted due to group pressure Bark wounds on trunks Major deadwood in crowns	No works required at time of survey	20+	C1+2
Grp 33	Goat Willow White Crack Willow	8	S	380	-	-	-	-	-	-	-	-	EM	Good	Fair Multi-stemmed at ground level Low hanging branches Trunk and crown shapes distorted due to group pressure Bark wounds on trunks Major deadwood in crowns	No works required at time of survey	20+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 34	Goat Willow White Willow Common Hawthorn	12	S	400	-	-	-	-	-	-	-	-	EM	Good	Fair Growing round and in pond/wet area Trunk and crown shapes distorted due to group pressure Low hanging branches Bark wounds on trunks Major deadwood in crowns	No works required at time of survey	20+	C1+2
Grp 35	Goat Willow Blackthorn Aspen Hawthorn	5	S	150	-	-	-	-	-	-	-	-	SM	Good	Fair Field boundary group Trunk and crown shapes distorted due to group pressure Low hanging branches Brambles smother in places	No works required at time of survey	20+	C2
Grp 36	Common Ash Pedunculate Oak Blackthorn Common Hazel	15	S	300	-	-	-	-	-	-	-	-	SM	Good	Fair Some trees may grow offsite Trunk and crown shapes distorted due to group pressure Field boundary group Minor deadwood in crowns Ivy on trunks and in crowns	No works required at time of survey	20+	C2
Grp 37	Goat Willow Common Hazel	7	MS>6	240	-	-	-	-	-	-	-	-	SM	Good	Fair Multi-stemmed at ground level Some trees may be offsite Brambles smother sections of group Trunk and crown shapes distorted due to group pressure	No works required at time of survey	10+	C2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 38	Goat Willow Common Hawthorn Blackthorn Common Alder Field Maple Common Hazel	7	S	300	-	-	-	-	-	-	-	-	EM	Good	Fair Some multi-stemmed at ground level Trunk and crown shapes distorted due to group pressure Field boundary group Brambles dominate in places Bark wounds on trunks and in crowns	No works required at time of survey	20+	B1+2
Grp 39	Goat Willow Common Hazel Blackthorn	6	S	150	-	-	-	-	-	-	-	-	SM	Good	Fair Field boundary group Low hanging branches Trunk and crown shapes distorted due to group pressure	No works required at time of survey	20+	B2
Grp 40	Blackthorn	6	MS>6	260	-	-	-	-	-	-	-	-	SM	Good	Fair Multi-stemmed at ground level Low hanging branches Trunk and crown shapes distorted due to group pressure	No works required at time of survey	10+	C2
Grp 41	Blackthorn	3	MS>6	200	-	-	-	-	-	-	-	-	SM	Good	Fair Multi-stemmed at ground level Low hanging branches	No works required at time of survey	20+	C2
Grp 42	Common Hawthorn Goat Willow Blackthorn	5	MS>6	110	-	-	-	-	-	-	-	-	SM	Fair	Fair Dominated by brambles Trunk and crown shapes distorted due to group pressure Low hanging branches	No works required at time of survey	10+	C2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 43	Pedunculate Oak Field Maple Wild Cherry Common Hazel Hybrid Black Poplar	18	S	800	-	-	-	-	-	-	-	-	M	Good	Fair Some trees grow offsite Trunk and crown shapes distorted due to group pressure Low hanging branches Major deadwood in crowns Tight forks with included bark	No works required at time of survey	20+	B1+2
Grp 44	Goat Willow Common Hawthorn Wild Cherry Pedunculate Oak	7	S	300	-	-	-	-	-	-	-	-	SM	Good	Fair Trunk and crown shapes distorted due to group pressure Some multi-stemmed at ground level Bark wounds on trunks Branch tear wounds on trunks and in crowns Low hanging branches Minor deadwood in crowns	No works required at time of survey	20+	C1+2
Grp 45	Pedunculate Oak x6	18	S	680	-	-	-	-	-	-	-	-	M	Good	Fair Trunk and crown shapes distorted due to group pressure Low hanging branches Epicormics on trunks and in crowns One Goat Willow grows within group Minor deadwood in crowns	No works required at time of survey	40+	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 46	Common Hawthorn Goat Willow Pedunculate Oak Common Alder Common Hazel	7	S	180	-	-	-	-	-	-	-	-	SM	Good	Fair Trunk and crown shapes distorted due to group pressure Low hanging branches Minor deadwood in crowns Some multi-stemmed at ground level Grows along side railway line	No works required at time of survey	20+	B1+2
Grp 47	Pedunculate Oak Common Ash	16	S	500	-	-	-	-	-	-	-	-	EM	Good	Fair Growing on bank Ash has possible Dieback Bark wounds on trunks Some multi-stemmed at various heights Low hanging branches Epicormics on trunks and in crowns Minor deadwood in crowns	No works required at time of survey	20+	B1+2
Grp 48	Common Hawthorn Goat Willow Blackthorn	5	MS>6	110	-	-	-	-	-	-	-	-	SM	Good	Fair Multi-stemmed at ground level Field boundary group/lapsed hedging Possibly offsite Low hanging branches Trunk and crown shapes distorted due to group pressure	No works required at time of survey	20+	B2
Grp 49	Pedunculate Oak x 2	14	S	Est 400	-	-	-	-	-	-	-	-	EM	Good	Fair Unable to verify health and safety due to no access Epicormics on trunks and in crowns Minor deadwood in crowns	No works required at time of survey	20+	B1+2

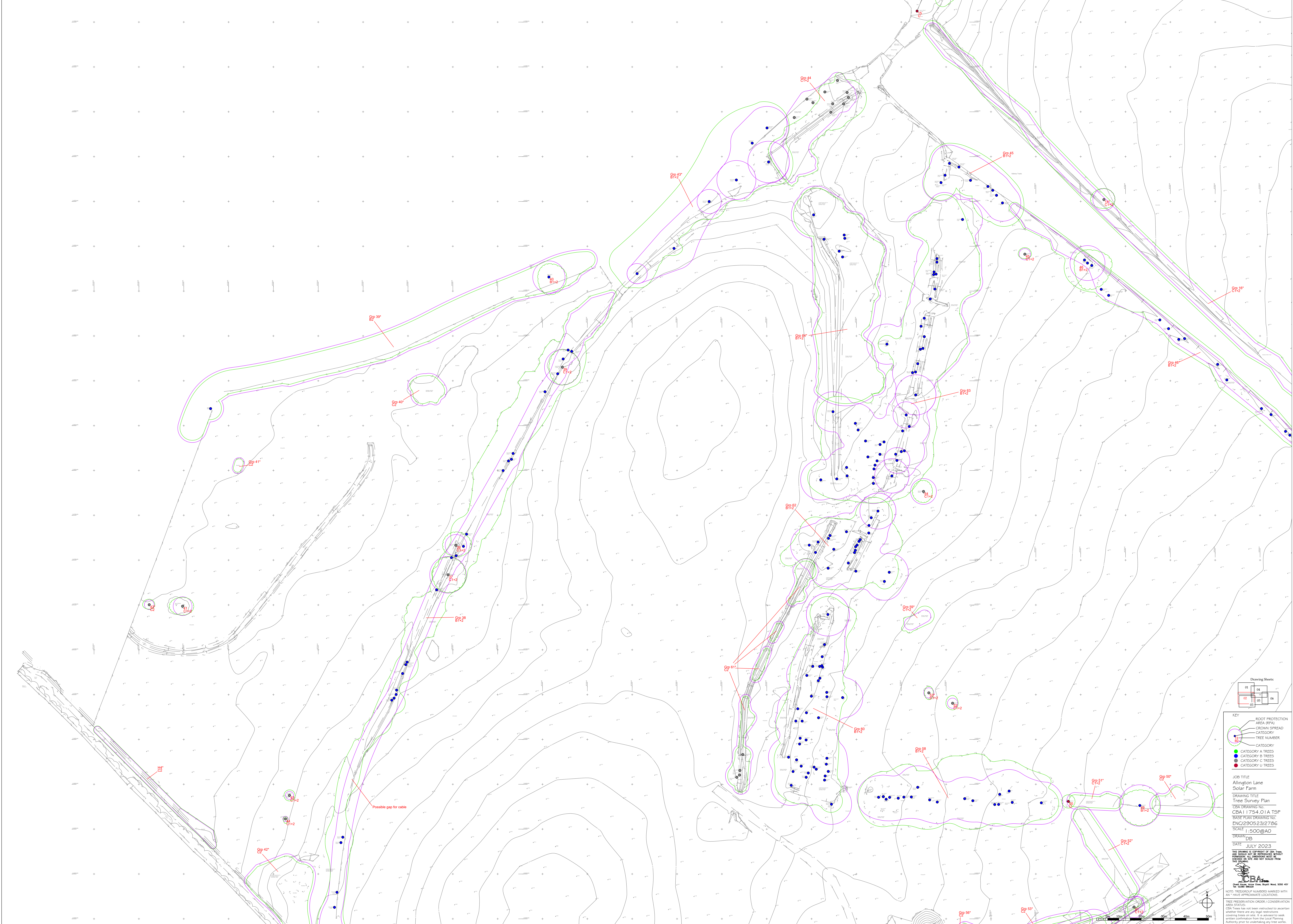
Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 50	Blackthorn Hawthorn	3	MS<5	100	-	-	-	-	-	-	-	-	SM	Fair	Fair Multi-stemmed at ground level Natural regeneration Low hanging branches Of limited value	No works required at time of survey	10+	C2
Grp 51	Common Hawthorn	6	MS>6	160	-	-	-	-	-	-	-	-	EM	Fair	Fair Possibly offsite Ivy on trunks and in crowns Multi-stemmed at various heights Low hanging branches	No works required at time of survey	20+	C1+2
Grp 52	Lawson Cypress Purple Beech Common Beech Leyland Cypress	7	S	150	-	-	-	-	-	-	-	-	SM	Good	Fair Offsite Unable to verify health and safety due to no access	No works required at time of survey	20+	C1+2
Grp 53	Goat Willow Silver Birch Common Ash Common Hawthorn Sycamore	4	S	80	-	-	-	-	-	-	-	-	SM	Good	Fair Natural regeneration	No works required at time of survey	20+	C2
Grp 54	Hybrid Black Poplar Common Ash Pedunculate Oak	16	S	700	-	-	-	-	-	-	-	-	M	Good	Fair Field boundary trees Trunk and crown shapes distorted due to group pressure Low hanging branches Minor deadwood in crowns	No works required at time of survey	20+	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 55	Common Hazel Goat Willow Field Maple Common Hawthorn Pedunculate Oak	7	S	200	-	-	-	-	-	-	-	-	SM	Good	Fair Understorey to more mature trees Trunk and crown shapes distorted due to group pressure Low hanging branches Field boundary group	No works required at time of survey	20+	B2
Grp 56	Goat Willow Pedunculate Oak	4	S	80	-	-	-	-	-	-	-	-	SM	Good	Fair Natural regeneration	No works required at time of survey	20+	C2
Grp 57	Common Ash Norway Maple	10	S	350	-	-	-	-	-	-	-	-	SM	Good	Fair Two trees growing together Low hanging branches Crown shapes distorted due to group pressure Minor deadwood in crowns	No works required at time of survey	20+	B1+2
Grp 58	Pedunculate Oak Goat Willow Common Ash	18	S	800	-	-	-	-	-	-	-	-	M	Good	Fair Trunk and crown shapes distorted due to group pressure Low hanging branches Major deadwood in crowns but no significant target Bark wounds on trunks and in crowns Some multi-stemmed at various heights	No works required at time of survey	20+	B1+2
Grp 59	Common Hawthorn Blackthorn	5	MS>6	230	-	-	-	-	-	-	-	-	SM	Good	Fair Multi-stemmed at ground level Low hanging branches	No works required at time of survey	20+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 60	Common Ash Pedunculate Oak Goat Willow Blackthorn Common Hawthorn	18	S	750	-	-	-	-	-	-	-	-	M	Good	Fair Trunk and crown shapes distorted due to group pressure Low hanging branches Major deadwood in crowns but no significant target Bark wounds in trunks and in crowns Some multi-stemmed at various heights	No works required at time of survey	20+	B1+2
Grp 61	Goat Willow	8	S	180	-	-	-	-	-	-	-	-	SM	Good	Fair Sporadic sections growing along ditch Trunk and crown shapes distorted due to group pressure Multi-stemmed at ground level Low hanging branches	No works required at time of survey	20+	C2
Grp 62	Common Ash Pedunculate Oak Goat Willow	16	S	700	-	-	-	-	-	-	-	-	M	Good	Fair Trunk and crown shapes distorted due to group pressure Low hanging branches Major deadwood in crowns but no significant target Bark wounds on trunks and in crowns Some multi-stemmed at various heights	No works required at time of survey	20+	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 63	Pedunculate Oak Field Maple Blackthorn Goat Willow Common Hawthorn	18	S	750	-	-	-	-	-	-	-	-	M	Good	Fair Trunk and crown shape distorted due to group pressure Low hanging branches Major deadwood in crown but no significant target Some multi-stemmed at various heights Bark wounds on trunks and in crowns	No works required at time of survey	20+	B1+2
Grp 64	Goat Willow	14	MS>6	460	-	-	-	-	-	-	-	-	EM	Good	Fair Trunk and crown shapes distorted due to group pressure Low hanging branches Major deadwood in crowns but no significant target Some multi-stemmed at various heights Bark wounds on trunks and in crowns	No works required at time of survey	20+	B1+2
H1	Goat Willow Dog Rose Hawthorn Blackthorn Common Ash	4	S	100	-	-	-	-	-	-	-	-	SM	Good	Field boundary hedge Possibly offsite Low hanging branches	No works required at time of survey	20+	B2
H2	Goat Willow Dog Rose Hawthorn Blackthorn Common Ash	4	S	100	-	-	-	-	-	-	-	-	SM	Good	Fair Field boundary hedge Possibly offside Low hanging branches	No works required at time of survey	20+	B2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
H3	Hawthorn Blackthorn	4	S	150	-	-	-	-	-	-	-	-	EM	Good	Fair Field boundary hedge Low hanging branches Minor deadwood in crown Limited survey due to no access	No works required at time of survey	10+	C1+2
H4	Blackthorn	1.5	MS>6	130	-	-	-	-	-	-	-	-	SM	Good	Fair Field boundary hedge Sporadic in places and dominated by brambles	No works required at time of survey	20+	C2
W1	Common Ash Pedunculate Oak Common Hawthorn Blackthorn Common Hazel	20	S	900	-	-	-	-	-	-	-	-	M	Good	Good Trunk and crown shapes distorted due to group pressure Some Ash have Ash Dieback Woodland edge of Willow, Thorn and Brambles Bark wounds Major deadwood in crowns	Ash will need removal where in decline	40+	A1+2+3



01

02

03

04

05

06

Drawing Sheet:

KEY

ROOT PROTECTION AREA (RPA)

CROWN SPREAD

CATEGORY

TREE NUMBER

CATEGORY

CATEGORY A TREES

CATEGORY B TREES

CATEGORY C TREES

CATEGORY U TREES

Job Title

Allington Lane Solar Farm

Drawing Title

Tree Survey Plan

CBA Drawing No

CBA / I / 754.01A TSP

Base Plan Drawing No

ENG/290523/2786

Scale

1:500@A0

Drawn

DB

Date

JULY 2023

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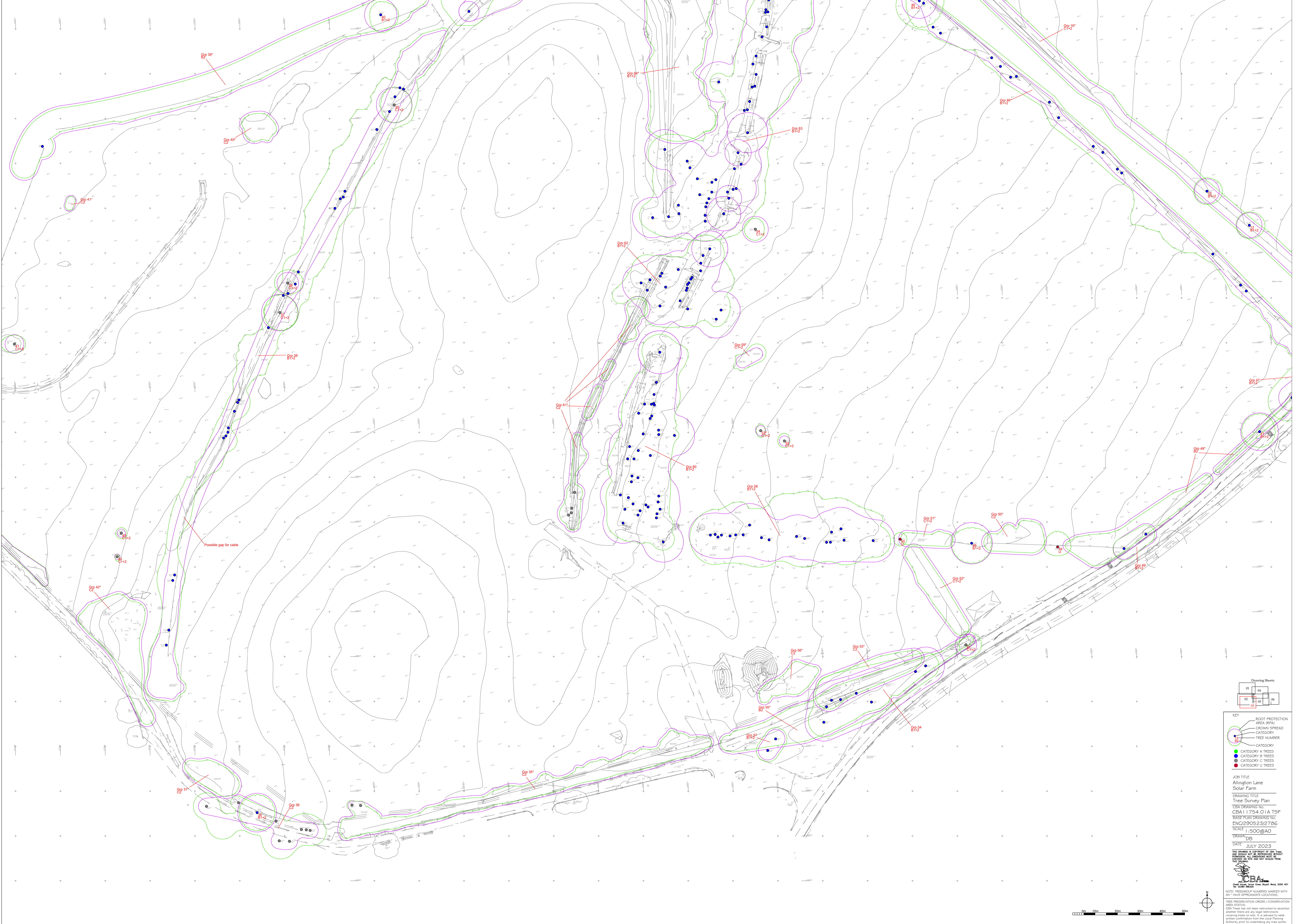
CBA Trees

0230 36222

NOTE: TREE GROUP NUMBERS MARKED WITH AN * HAVE APPROXIMATE LOCATIONS.

TREE PRESERVATION ORDER / CONSERVATION AREA STATUS:

CBA Trees has not been instructed to ascertain whether there are any legal restrictions covering trees on site. It is advised to seek written confirmation from the Local Planning Authority prior to undertaking any tree works.



01

04

02

05

03

06

01

KEY

ROOT PROTECTION AREA (RPA)

CROWN SPREAD

CATEGORY

TREE NUMBER

CATEGORY

● CATEGORY A TREES

● CATEGORY B TREES

● CATEGORY C TREES

● CATEGORY U TREES

JOB TITLE

Allington Lane Solar Farm

DRAWING TITLE

Tree Survey Plan

CBA DRAWING NO

CBA / 1754.01A TSP

BASE PLAN DRAWING NO

ENG/290523/2786

SCALE

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DRAWN

DB

DATE

JULY 2023

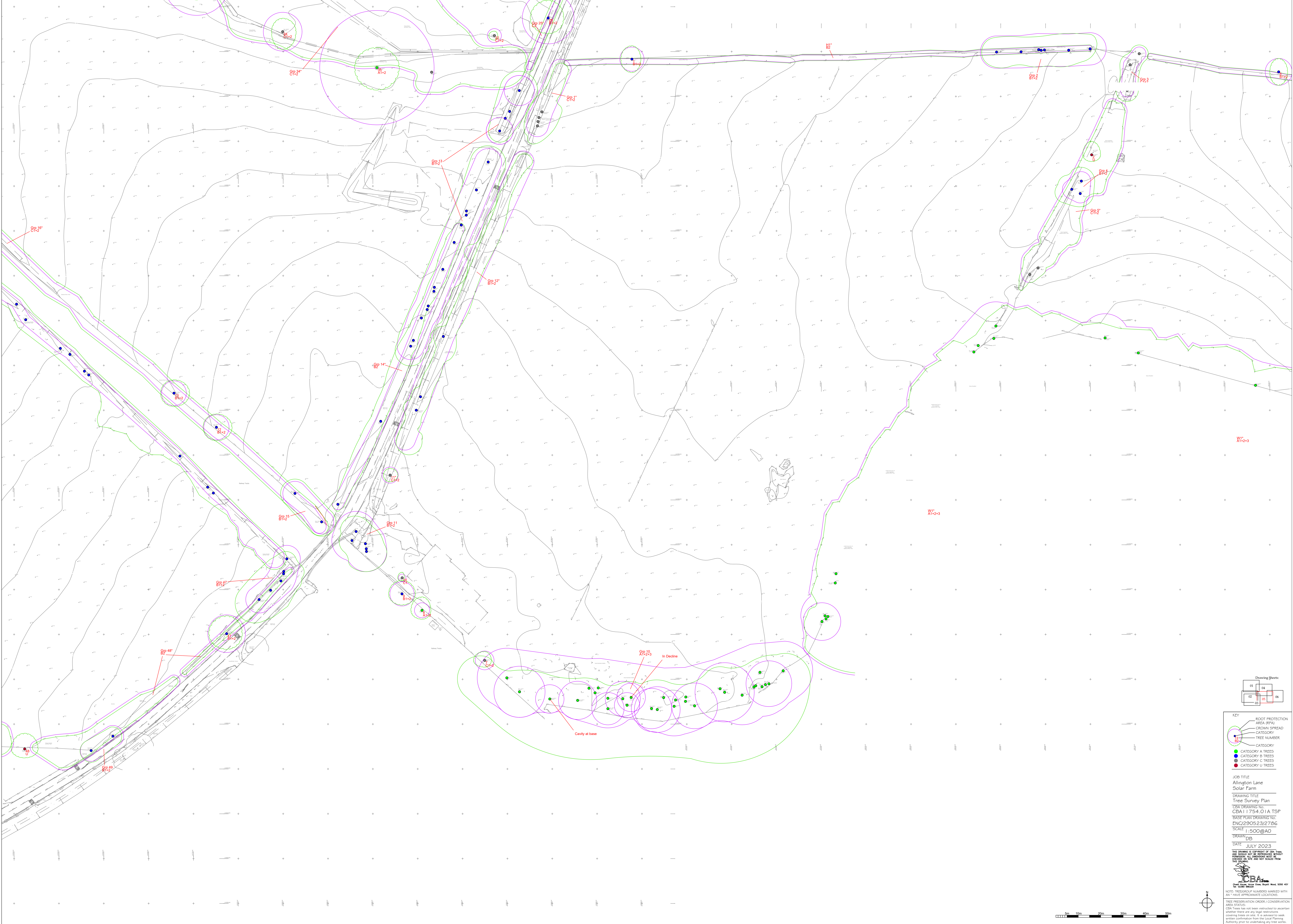
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0290 36222

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Drawing Sheets:

01	04
02	05
03	06

- KEY
- ROOT PROTECTION AREA (RPA)
 - CROWN SPREAD
 - CATEGORY
 - TREE NUMBER
 - CATEGORY
 - CATEGORY A TREES
 - CATEGORY B TREES
 - CATEGORY C TREES
 - CATEGORY U TREES

JOB TITLE
Allington Lane
Solar Farm

DRAWING TITLE
Tree Survey Plan

CBA DRAWING NO
CBA-11754-01A-TSP

BASE PLAN DRAWING NO
ENG/290523/2786

SCALE
1:500@A0

DRAWN
DB

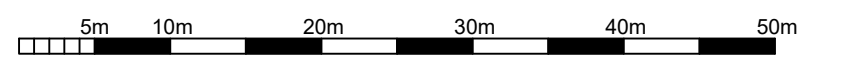
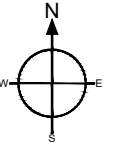
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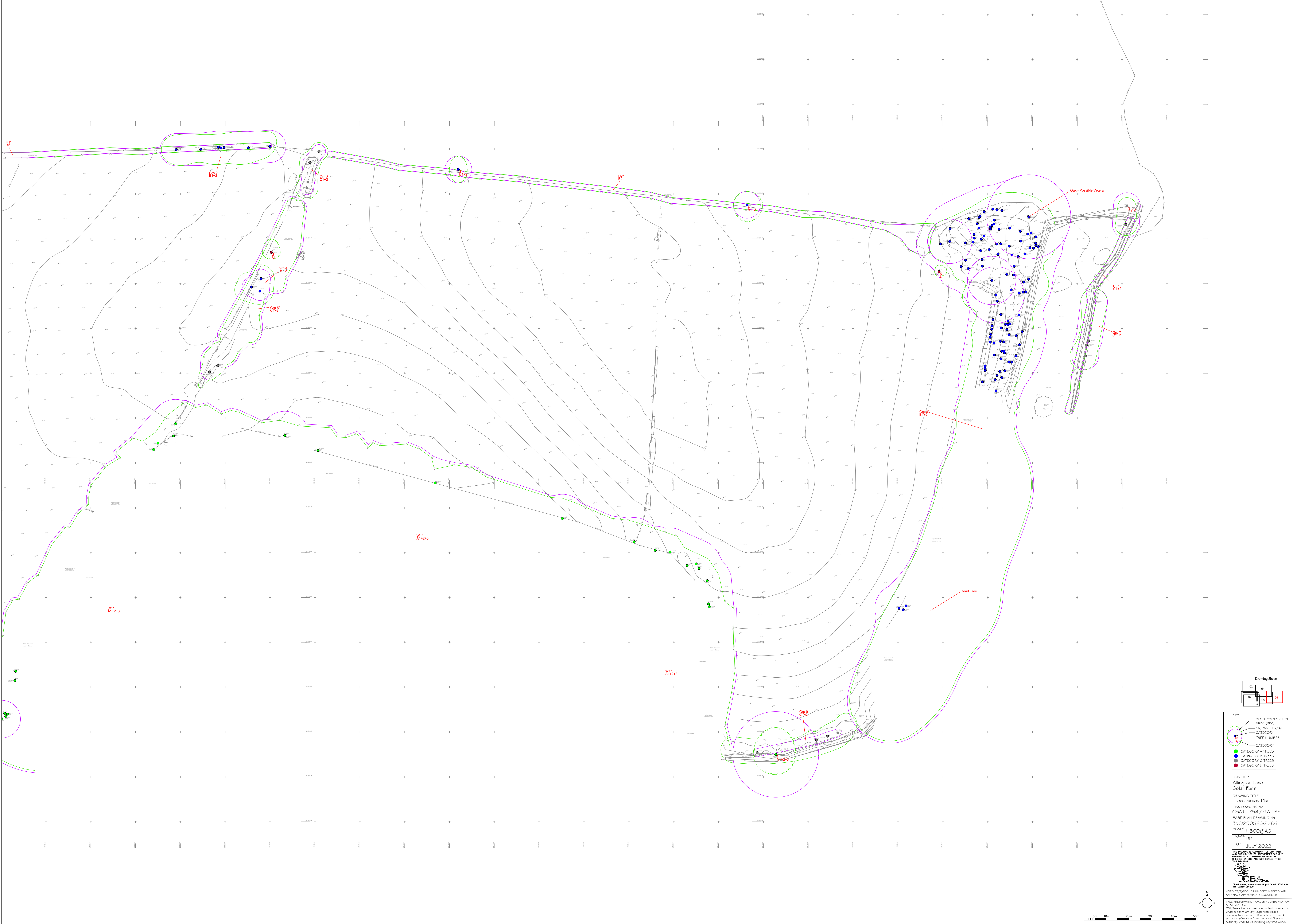
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NOTE: TREE GROUP NUMBERS MARKED WITH AN * HAVE APPROXIMATE LOCATIONS.

TREE PRESERVATION ORDER / CONSERVATION AREA STATUS:
CBA Trees has not been instructed to ascertain whether there are any legal restrictions covering trees on site. It is advised to seek written confirmation from the Local Planning Authority prior to undertaking any tree works.

CBA Trees
1000 South Street, Chesham, Bucks, HP80 0JY
Tel: 01295 362222





Drawing Sheets:

01	04
02	05
03	06

KEY

- ROOT PROTECTION AREA (RPA)
- CROWN SPREAD
- CATEGORY
- TREE NUMBER
- CATEGORY
- CATEGORY A TREES
- CATEGORY B TREES
- CATEGORY C TREES
- CATEGORY U TREES

JOB TITLE
Allington Lane Solar Farm

DRAWING TITLE
Tree Survey Plan

CBA DRAWING NO.
CBA/11754.01A TSP

BASE PLAN DRAWING NO.
ENC/290523/2786

SCALE
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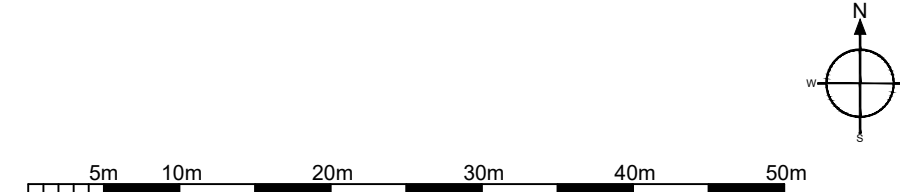
DATE
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NOTE: TREE GROUP NUMBERS MARKED WITH AN 'X' HAVE APPROXIMATE LOCATIONS.

TREE PRESERVATION ORDER / CONSERVATION AREA STATUS:
CBA Trees has not been instructed to ascertain whether there are any legal restrictions covering trees on site. It is advised to seek written confirmation from the Local Planning Authority prior to undertaking any tree works.

CBA
Countryside Business, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.





		BS5837:2012 TREE ROOT PROTECTION AREA SCHEDULE					
		Site:	Allington Lane Solar Farm, Allington Lane, Fair Oak				
		Date:	16th and 28th June 2023				
		Consultant:	Stefan Rose BSc(Hons), TechCert (Arbor A), TechArbor.A				

Notes:
1. This is an assessment of the Root Protection Area (RPA) required, based on the individual tree data collected and Section 4.6.1 of BS5837:2012.
2. For all single stem trees with a stem diameter greater than 1250mm, and multi-stem trees with a stem diameter greater than 1500mm, the calculated RPA has been capped at 707m2 in accordance with Section 4.6.1 of BS5837.2012. Data for T6, T21, T28, T30, T31, T32 and T35 shows the uncapped root protection area due to its age (15 times larger than the stem diameter).

TREE PRESERVATION ORDER / CONSERVATION AREA STATUS:
CBA Trees has not been instructed to ascertain whether there are any legal restrictions covering trees on site. It is advised to seek written confirmation from the Local Planning Authority prior to undertaking any tree works.

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
1	Pedunculate Oak Quercus robur	B1+2	S	450	5.4	92
2	Common Ash Fraxinus excelsior	U	MS<5	420	-	-
3	Pedunculate Oak Quercus robur	B1+2	S	500	6.0	113
4	Pedunculate Oak Quercus robur	B1+2	S	500	6.0	113
5	Common Hawthorn Crataegus monogyna	U	MS<5	390	-	-
6	Pedunculate Oak Quercus robur	A1+2+3	S	1275	19.1	1141
7	Pedunculate Oak Quercus robur	C1+2	S	350	4.2	55
8	Silver Birch Betula pendula	A1+2	S	280	3.4	35

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
9	Pedunculate Oak Quercus robur	B1+2	S	450	5.4	92
10	Goat Willow Salix caprea	C1	MS<5	140	1.7	9
11	Common Hawthorn Crataegus monogyna	C1+2	MS<5	300	3.6	41
12	Pedunculate Oak Quercus robur	B1+2	S	470	5.6	100
13	Pedunculate Oak Quercus robur	B1+2	S	460	5.5	96
14	Goat Willow Salix caprea	C1+2	S	410	4.9	76
15	Pedunculate Oak Quercus robur	U	S	950	-	-
16	Pedunculate Oak Quercus robur	B1+2	S	850	10.2	327
17	Silver Birch Betula pendula	U	S	220	-	-
18	Common Ash Fraxinus excelsior	U	MS>6	470	-	-
19	Pedunculate Oak Quercus robur	B1+2	S	450	5.4	92
20	Goat Willow Salix caprea	C1+2	MS>6	140	1.7	9
21	Pedunculate Oak Quercus robur	A1+2+3	S	1370	20.5	1320
22	Common Hawthorn Crataegus monogyna	C1+2	MS>6	260	3.1	31
23	Hawthorn Crataegus spp	U	MS>6	290	-	-
24	Hawthorn Crataegus spp	U	MS>6	290	-	-
25	Hawthorn Crataegus spp	C1+2	MS>6	200	2.4	18

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
26	Pedunculate Oak Quercus robur	B1+2	S	960	11.5	417
27	Pedunculate Oak Quercus robur	B1+2	MS<5	730	8.8	241
28	Pedunculate Oak Quercus robur	A1+2+3	S	1480	22.2	1548
29	Common Hawthorn Crataegus monogyna	U	MS>6	290	-	-
30	Pedunculate Oak Quercus robur	A1+2+3	S	1500	22.5	1590
31	Pedunculate Oak Quercus robur	A1+2+3	S	1590	23.8	1779
32	Pedunculate Oak Quercus robur	A1+2	S	990	14.8	688
33	Pedunculate Oak Quercus robur	C1+2	S	390	4.7	69
34	Pedunculate Oak Quercus robur	C1+2	MS<5	720	8.6	235
35	Pedunculate Oak Quercus robur	A1+2	S	1700	25.5	2042
36	Pedunculate Oak Quercus robur	B1+2	S	720	8.6	235
37	Pedunculate Oak Quercus robur	C1+2	S	680	8.2	209
38	Pedunculate Oak Quercus robur	C1+2	MS>6	400	4.8	72
39	Pedunculate Oak Quercus robur	C1+2	MS<5	660	7.9	197
40	Pedunculate Oak Quercus robur	B1+2	S	600	7.2	163
41	Goat Willow Salix caprea	C1+2	MS>6	350	4.2	55
42	Blackthorn Prunus spinosa	C2	MS>6	180	2.2	15

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
43	Goat Willow Salix caprea	C1+2	MS>6	150	1.8	10
44	Common Hawthorn Crataegus monogyna	C1+2	MS>6	100	1.2	5
45	Goat Willow Salix caprea	C1+2	MS<5	210	2.5	20
46	Pedunculate Oak x2 Quercus robur	B1+2	S	650	7.8	191
47	Pedunculate Oak Quercus robur	B1+2	S	700	8.4	222
48	Pedunculate Oak Quercus robur	U	S	650	-	-
49	Pedunculate Oak Quercus robur	B1+2	S	770	9.2	268
50	Common Ash Fraxinus excelsior	U	S	370	-	-
51	Pedunculate Oak Field Maple	C1+2	MS<5	400	4.8	72
52	Common Hawthorn Crataegus monogyna	C1+2	MS>6	190	2.3	16
53	Blackthorn Prunus spinosa	C1+2	MS>6	190	2.3	16
54	Goat Willow Salix caprea	C1+2	MS<5	480	5.8	104
Grp 1	Goat Willow Hawthorn Blackthorn	C1+2	S	400	4.8	72
Grp 2	Pedunculate Oak Common Ash	B1+2	S	600	7.2	163
Grp 3	Common Ash	C1+2	MS<5	250	3.0	28
Grp 4	Pedunculate Oak x2 Common Ash x1	B1+2	S	350	4.2	55

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
Grp 5	Blackthorn Hawthorn Field Maple	C1+2	S	300	3.6	41
Grp 6	Goat Willow Common Alder Pedunculate Oak	C1+2	S	500	6.0	113
Grp 7	Common Alder Poplar	C1+2	S	500	6.0	113
Grp 8	Common Ash Pedunculate Oak Common Alder Silver Birch Common Hazel Common Hawthorn Field Maple	B1+2	S	900	10.8	366
Grp 9	Common Ash Blackthorn Common Hawthorn	C1+2	S	150	1.8	10
Grp 10	Pedunculate Oak Common Ash Common Hawthorn Blackthorn	A1+2+3	S	1100	13.2	547
Grp 11	Pedunculate Oak x5	B1+2	S	750	9.0	255
Grp 12	Pedunculate Oak Common Ash Goat Willow Blackthorn Common Hawthorn	B1+2	S	400	4.8	72
Grp 13	Pedunculate Oak	B1+2	S	500	6.0	113

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m ²)
Grp 14	Common Hawthorn Blackthorn Goat Willow Pedunculate Oak Common Hazel	B2	S	200	2.4	18
Grp 15	Pedunculate Oak x3	B1+2	S	450	5.4	92
Grp 16	Common Hawthorn Blackthorn Goat Willow	C1+2	MS<5	250	3.0	28
Grp 17	Silver Birch Goat Willow Common Hawthorn	C1+2	S	250	3.0	28
Grp 18	Pedunculate Oak Common Ash Silver Birch Crack Willow	B1+2	S	900	10.8	366
Grp 19	Common Hawthorn	C2	MS>6	250	3.0	28
Grp 20	Goat Willow Common Hawthorn Blackthorn Pedunculate Oak Common Hazel	B1+2	MS>6	250	3.0	28
Grp 21	Common Hawthorn Blackthorn	C2	MS>6	200	2.4	18

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
Grp 22	Goat Willow Common Hawthorn Blackthorn	B1+2	MS>6	250	3.0	28
Grp 23	Pedunculate Oak Goat Willow Common Hawthorn Common Hazel Field Maple	B1+2	S	450	5.4	92
Grp 24	Common Hawthorn x2	C1+2	MS>6	220	2.6	22
Grp 25	Goat Willow Common Hawthorn Blackthorn	C2	S	90	1.1	4
Grp 26	Common Hawthorn Blackthorn Field Maple	C1+2	MS>6	110	1.3	5
Grp 27	Pedunculate Oak	B1+2	S	450	5.4	92
Grp 28	Goat Willow	C1+2	MS>6	220	2.6	22
Grp 29	Weeping Willow Pedunculate Oak Silver Birch Wild Cherry Common Hawthorn Goat Willow	B1+2	S	1000	12.0	452
Grp 30	Blackthorn	C1+2	S	200	2.4	18
Grp 31	Goat Willow White Willow	C1+2	S	350	4.2	55
Grp 32	Goat Willow White Willow	C1+2	S	400	4.8	72
Grp 33	Goat Willow White Crack Willow	C1+2	S	380	4.6	65

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m ²)
Grp 34	Goat Willow White Willow Common Hawthorn	C1+2	S	400	4.8	72
Grp 35	Goat Willow Blackthorn Aspen Hawthorn	C2	S	150	1.8	10
Grp 36	Common Ash Pedunculate Oak Blackthorn Common Hazel	C2	S	300	3.6	41
Grp 37	Goat Willow Common Hazel	C2	MS>6	240	2.9	26
Grp 38	Goat Willow Common Hawthorn Blackthorn Common Alder Field Maple Common Hazel	B1+2	S	300	3.6	41
Grp 39	Goat Willow Common Hazel Blackthorn	B2	S	150	1.8	10
Grp 40	Blackthorn	C2	MS>6	260	3.1	31
Grp 41	Blackthorn	C2	MS>6	200	2.4	18
Grp 42	Common Hawthorn Goat Willow Blackthorn	C2	MS>6	110	1.3	5

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
Grp 43	Pedunculate Oak Field Maple Wild Cherry Common Hazel Hybrid Black Poplar	B1+2	S	800	9.6	290
Grp 44	Goat Willow Common Hawthorn Wild Cherry Pedunculate Oak	C1+2	S	300	3.6	41
Grp 45	Pedunculate Oak x6	B1+2	S	680	8.2	209
Grp 46	Common Hawthorn Goat Willow Pedunculate Oak Common Alder Common Hazel	B1+2	S	180	2.2	15
Grp 47	Pedunculate Oak Common Ash	B1+2	S	500	6.0	113
Grp 48	Common Hawthorn Goat Willow Blackthorn	B2	MS>6	110	1.3	5
Grp 49	Pedunculate Oak x 2	B1+2	S	400	4.8	72
Grp 50	Blackthorn Hawthorn	C2	MS<5	100	1.2	5
Grp 51	Common Hawthorn	C1+2	MS>6	160	1.9	12
Grp 52	Lawson Cypress Purple Beech Common Beech Leyland Cypress	C1+2	S	150	1.8	10

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
Grp 53	Goat Willow Silver Birch Common Ash Common Hawthorn Sycamore	C2	S	80	1.0	3
Grp 54	Hybrid Black Poplar Common Ash Pedunculate Oak	B1+2	S	700	8.4	222
Grp 55	Common Hazel Goat Willow Field Maple Common Hawthorn Pedunculate Oak	B2	S	200	2.4	18
Grp 56	Goat Willow Pedunculate Oak	C2	S	80	1.0	3
Grp 57	Common Ash Norway Maple	B1+2	S	350	4.2	55
Grp 58	Pedunculate Oak Goat Willow Common Ash	B1+2	S	800	9.6	290
Grp 59	Common Hawthorn Blackthorn	C1+2	MS>6	230	2.8	24
Grp 60	Common Ash Pedunculate Oak Goat Willow Blackthorn Common Hawthorn	B1+2	S	750	9.0	255
Grp 61	Goat Willow	C2	S	180	2.2	15
Grp 62	Common Ash Pedunculate Oak Goat Willow	B1+2	S	700	8.4	222

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
Grp 63	Pedunculate Oak Field Maple Blackthorn Goat Willow Common Hawthorn	B1+2	S	750	9.0	255
Grp 64	Goat Willow	B1+2	MS>6	460	5.5	96
H1	Goat Willow Dog Rose Hawthorn Blackthorn Common Ash	B2	S	100	1.2	5
H2	Goat Willow Dog Rose Hawthorn Blackthorn Common Ash	B2	S	100	1.2	5
H3	Hawthorn Blackthorn	C1+2	S	150	1.8	10
H4	Blackthorn	C2	MS>6	130	1.6	8
W1	Common Ash Pedunculate Oak Common Hawthorn Blackthorn Common Hazel	A1+2+3	S	900	10.8	366





The Professional Arboricultural Consultancy

Company Profile, Qualifications and Experience

CBA Trees is acknowledged as one of the UK's leading arboricultural consultancies offering a full range of tree related services from BS5837 tree surveys, arboricultural impact assessments and method statements to health and safety audits. Based near Southampton in Hampshire with easy access to the motorway network and transport links, we provide a professional solution to your tree problem throughout southern England and nationwide across the UK.

Whether the instruction is in respect of a single tree in a garden, a mortgage report, a development site or a new settlement that needs a full arboricultural report for a planning application, CBA Trees has the tree expertise to provide a professional solution. We employ a team of qualified and experienced arboricultural consultants to ensure that at every stage of the arboricultural process our clients receive the very best in expert knowledge and the highest standard of professional service.

Stefan Rose *BSc(Hons), TechCert (Arbor A), TechArbor.A* joined CBA Trees in 1998 as a junior surveyor and having gained extensive knowledge and a wealth of experience over the years including the Professional Tree Inspectors Certification (LANTRA), has progressed to Principal Consultant. His vast experience in working as a locum for local authorities, assessing new and extant Tree Preservation Orders, as well as working on some of the largest development sites nationwide enables him to provide expert advice and guidance on initial feasibility site assessments to full scale planning applications, working with individual homeowners and within multi-disciplinary teams to achieve successful arboricultural outcomes.

Dominic Poston *F.Arbor.A. MICFor, CEnv, Prof Dip (RFS), BSc (Hons), HND* joined CBA Trees in 2015 as a Senior Consultant and brings with him a wealth of knowledge and experience. Having attained a Bachelor of Science Degree in Horticulture, a Higher National Diploma in Landscape Management and the Royal Forestry Society's Professional Diploma in Arboriculture, Dominic is a fellow of the Arboricultural Association and a Chartered Arboriculturist and Chartered Environmentalist. Through local authority experience he has been involved as a supervising officer and advisor to planning teams on many developments near trees. Through private sector experience he has provided arboricultural advice, ranging from feasibility through to implementation on many development projects near trees. He has extensive experience in the management of large tree stocks, implementing the recommendations within BS5837 and acting as an expert witness. He has considerable experience working closely with clients and as part of a multi-disciplinary team.

Alexa Monk *TechCert (Arbor.A), NCH.Arb* has a background in tree surgery, running her own small business for many years. Working with CBA Trees for over 10 years, Alexa has experience of pre-planning work for developers, Tree Preservation Order legislation work, tree inspection including decay detection with sophisticated decay detection equipment and general arboricultural health and safety surveys.

Joe Beznosiuk *Dip Arb L4 (ABC)* the newest member of our team, Joe started his career as a tree surgeon before he made the transition into consultancy 10 years ago, where he has worked for both local authorities and private consultancies, providing a wide range of arboricultural advice, which has involved tree stock management, development projects in relation to BS5837, planning advice and Health and Safety risk assessment surveys.

Listed below are some of the services we provide:

- Arboricultural Consultancy
- BS5837 tree surveys (for residential sites and development projects)
- Arboricultural Impact Assessments and Method Statements
- Advice on Tree Preservation Orders including Objections
- Arboricultural Health and Safety Surveys
- Arboricultural site and project management

CBA Trees is very proud of its client base which includes the following companies:

Acorn Tree Specialist Ltd
Ampfield Parish Council
Burseldon Parish Council
Contractual Ltd
Crest Strategic Properties
Croudace
David Wilson Homes
Dhand Construction Ltd
Drew Smith Group

Draycott Chartered Surveyor
Eastleigh Borough Council
English Heritage Trust
Genesis Design Studio
Gillings Planning
Knight Architectural Design
Lakewood Tree Surgeons
NHS Property Services
Portsmouth City Council

Radian
Southampton City Council
SLR Consulting Ltd
Taylor Wimpey
University of Portsmouth
University of Winchester
Unsted Design
West Wittering Parish Council
Whiterok Architectural Services Ltd

CBA Trees can be found at:

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For further information visit our website at www.cbatrees.co.uk which provides more detail on our expertise, and of course, our team are always willing to help answer any queries you may have.

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