Arboricultural Method Statement

The proposed development area supports a substantial number of trees within the site's boundary including woodland, hedgerow and individual mature/veteran trees. To ensure that direct or indirect impacts are minimised, the proposed site layout has been designed sympathetically in regard to arboricultural interest. The site layout has been informed by the Tree Survey Report produced by CBA Trees, principally guided by the calculated Root protection Zone's (RPZ).

As a result, proposed access tracks and ancillary infrastructure will be installed outside of all calculated RPZ's. The proposed solar farm layout in relation to Root Protection Zones is shown in Section 2.5 of the PDAS.

The following short Arboricultural Method Statement (AMS) has been produced to ensure that there are no adverse impacts on retained trees during the construction phase of the development. The AMS will be implemented throughout the construction phase of the project.

Arboricultural Method statement

A. Prior to work, a temporary barrier will be erected onsite, demarcating the perimeter of root protection areas for trees and hedgerows which lie outside the areas of construction activity.

B. Root Protection Areas (RPA), for trees and woodlands directly adjacent to proposed accessed roads will be marked by a rigid barrier (tree protection fencing) where possible. Barriers should be fit for the purpose of excluding construction activity and should be maintained throughout the construction period. Rigid barriers should meet the default specification as per British Standards[1].

C. RPZ's adjacent to solar panel arrays will be demarcated by temporary plastic mesh fencing secured on steel barrier fencing pins. All protective fencing will be kept in place for the duration of the construction period.

D. Tree protection barriers will be installed by a suitably qualified individual, using the proposed site layout and RPZ maps to ensure accurate installation.

E. Within the RPZ'z there will be no movement of vehicles, no excavations and no storage of plant or materials.

F. The AMS will be an active site document. Contractors will be made aware of the AMS prior to work.

---

[1] BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations

CBA Trees- Tree Survey Report

TREE SURVEY REPORT

Eastleigh Borough Council

Site: Allington Lane Solar Farm

CBA Trees

Chesil House, Arrow Close,
Boyatt Wood, SO50 4SY
Tel: 023 8098 6229 Email: info@cbatrees.co.uk
www: cbatrees.co.uk
The Complete Arboricultural Consultancy

November 2023
CBA11754 v1B

CBA Trees

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 *BSc(Hons), TechCert (Arbor A), TechArbor.A*
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
1	Pedunculate Oak *Quercus robur*	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 *Fraxinus excelsior*	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 *Quercus robur*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
5	Common Hawthorn *Crataegus monogyna*	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 *Quercus robur*	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 *Quercus robur*	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 *Betula pendula*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
9	Pedunculate Oak *Quercus robur*	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 *Salix caprea*	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 *Crataegus monogyna*	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 *Quercus robur*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
14	Goat Willow *Salix caprea*	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 *Quercus robur*	9	S	950	-	-	-	-	-	-	-	-	M	Dead	Dead Standing monolith	No works required at time of survey	-	U
16	Pedunculate Oak *Quercus robur*	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 *Betula pendula*	11	S	220	-	-	-	-	-	-	-	-	SM	Dead	Dead Dead tree	Advise removal	-	U
18	Common Ash *Fraxinus excelsior*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
20	Goat Willow *Salix caprea*	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 *Quercus robur*	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 *Crataegus monogyna*	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 *Crataegus spp*	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 *Crataegus spp*	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 *Crataegus spp*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
26	Pedunculate Oak *Quercus robur*	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 *Quercus robur*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
29	Common Hawthorn *Crataegus monogyna*	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 *Quercus robur*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
32	Pedunculate Oak *Quercus robur*	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 *Quercus robur*	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 *Quercus robur*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
36	Pedunculate Oak *Quercus robur*	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 *Quercus robur*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
39	Pedunculate Oak *Quercus robur*	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 *Quercus robur*	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 *Salix caprea*	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 *Prunus spinosa*	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 *Salix caprea*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
44	Common Hawthorn *Crataegus monogyna*	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 *Salix caprea*	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 *Quercus robur*	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 *Quercus robur*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
49	Pedunculate Oak *Quercus robur*	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 *Fraxinus excelsior*	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 *Crataegus monogyna*	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 *Prunus spinosa*	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 *Salix caprea*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio- logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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	Single/ Multi-Stemmed	Stem Diam	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
		(m)	(S or MS)	(mm)	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio- logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio- logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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	Single/ Multi-Stemmed	Stem Diam	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
		(m)	(S or MS)	(mm)	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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

Grp 20*
B1+2
19
B1+2
Grp 21*
C2
18*
U
Grp 18*
B1+2
Grp 19*
C2
20*
C1+2
Grp 22*
B1+2
Grp 30*
C1+2
Grp 23
B1+2
Grp 31
C1+2
29
U
30
A1+2+3
21
A1+2+3
31
A1+2+3
Grp 32*
C1+2
Grp 17
C1+2
17
U
16
B1+2
15
U
Railway Tracks
Drawing Sheets:
01
02
03
04
05
06
N
E
S
W
5m
10m
20m
30m
40m
50m

KEY

- ROOT PROTECTION AREA (RPA)
- CROWN SPREAD
- CATEGORY
- TREE NUMBER
- CATEGORY

13
B2

🟢 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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE 1:500@A0

DRAWN DB

DATE JULY 2023

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, S050 4SY
Tel: 02380 986229

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.

Grp 44
C1+2
Grp 45
B1+2
Grp 43*
B1+2
Grp 39*
B2
Grp 40*
C2
Grp 41*
C2
Grp 38
B1+2
Grp 64*
B1+2
Grp 63
B1+2
Grp 62
B1+2
Grp 61*
C2
Grp 60
B1+2
Grp 59*
C1+2
Grp 58
B1+2
Grp 57*
C1+2
Grp 50*
C2
Grp 52*
C1+2
Grp 53*
C2
Grp 56*
C2
Grp 46*
B1+2
Grp 16*
C1+2
Grp 42*
C2
H4*
C2
Possible gap for cable
Drawing Sheets:
01
02
03
04
05
06
N
W
E
S
10m
20m
30m
40m
50m

KEY

ROOT PROTECTION AREA (RPA)
CROWN SPREAD
CATEGORY
13
B2
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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE 1:500@A0

DRAWN DB

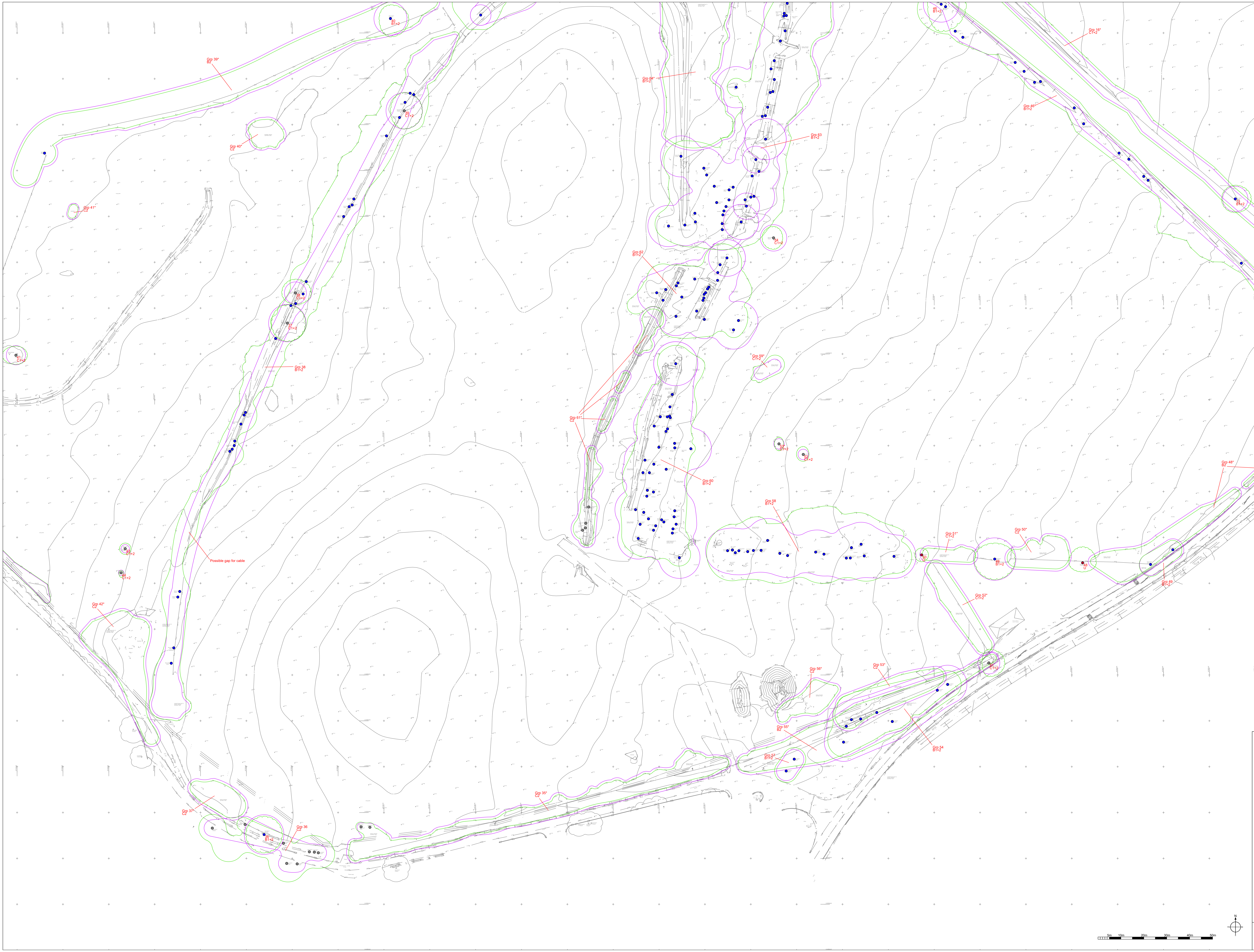
DATE JULY 2023

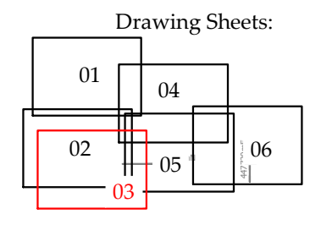
THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.


40
B1+2
Grp 39*
B2
Grp 40*
C2
39
C1+2
Grp 41*
C2
38
C1+2
37
C1+2
41
C1+2
Grp 38
B1+2
Grp 64*
B1+2
Grp 63
B1+2
54
C1+2
Grp 62
B1+2
Grp 59*
C1+2
46
B1+2
Grp 16*
C1+2
Grp 46*
B1+2
13
B1+2
12
B1+2
Railway Tracks
Grp 47
B1+2
Grp 61*
C2
Grp 60
B1+2
53*
C1+2
52
C1+2
47
B1+2
Grp 48*
B2
Grp 58
B1+2
43
C1+2
44
C1+2
Possible gap for cable
Grp 51*
C1+2
Grp 50*
C2
50
U
49
B1+2
48
U
Grp 49
B1+2
Grp 42*
C2
Grp 52*
C1+2
51
C1+2
Grp 56*
C2
Grp 53*
C2
Grp 55*
B2
Grp 54
B1+2
Grp 57
B1+2
Grp 35*
C2
Grp 37*
C2
Grp 36
C2
36
B1+2
5m
10m
20m
30m
40m
50m
N
W
E
S


Drawing Sheets:
01
04
02
05
06
03

KEY

- ROOT PROTECTION AREA (RPA)
- CROWN SPREAD
- CATEGORY
- TREE NUMBER
- CATEGORY

13
B2

- 🟢 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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE 1:500@A0

DRAWN DB

DATE JULY 2023

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.

Grp 30*
C1+2
Grp 31
C1+2
Grp 32*
C1+2
Grp 33*
C1+2
A1+2+3
A1+2+3
Stump
A1+2+3
Grp 29*
B1+2
C1+2
Grp 24*
C1+2
Grp 28*
Grp 27*
Grp 26*
A1+2
C1+2
Grp 25*
B1+2
C1+2
Grp 34*
C1+2
A1+2
Grp 13
B1+2
Grp 12*
B1+2
Grp 1*
C1+2
B1+2
H1*
B2
Grp 2
B1+2
Grp 3
C1+2
Grp 4
B1+2
Grp 5*
C1+2
Grp 16*
C1+2
Grp 46*
B1+2
U
U
U
5m
10m
20m
30m
40m
50m
N
E
S
W
Drawing Sheets:
01
02
03
04
05
06

KEY

ROOT PROTECTION AREA (RPA)
CROWN SPREAD
CATEGORY
TREE NUMBER
CATEGORY

13
B2

● 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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE 1:500@A0

DRAWN DB

DATE JULY 2023

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.

Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.

34
C1+2
Grp 34*
C1+2
35
A1+2
22
C1+2
Grp 25*
C2
26
B1+2
Grp 1*
C1+2
1
B1+2
H1*
B2
Grp 2
B1+2
Grp 3
C1+2
3
B1+2
2
U
Grp 4
B1+2
Grp 5*
C1+2
Grp 13
B1+2
Grp 16*
C1+2
Grp 12*
B1+2
Grp 14*
B2
13
B1+2
12
B1+2
11*
C1+2
Grp 15
B1+2
Grp 11
B1+2
10
C1
9
B1+2
8
A1+2
Grp 47
B1+2
47
B1+2
Grp 48*
B2
48
U
Grp 49
B1+2
7
C1+2
Grp 10
A1+2+3
In Decline
Cavity at base
W1*
A1+2+3
W1*
A1+2+3
Railway Tracks
Drawing Sheets:
01
04
02
05
06
03
KEY
ROOT PROTECTION AREA (RPA)
CROWN SPREAD
CATEGORY
TREE NUMBER
CATEGORY
13
B2
N
5m
10m
20m
30m
40m
50m

🟩 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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE 1:500@A0

DRAWN DB

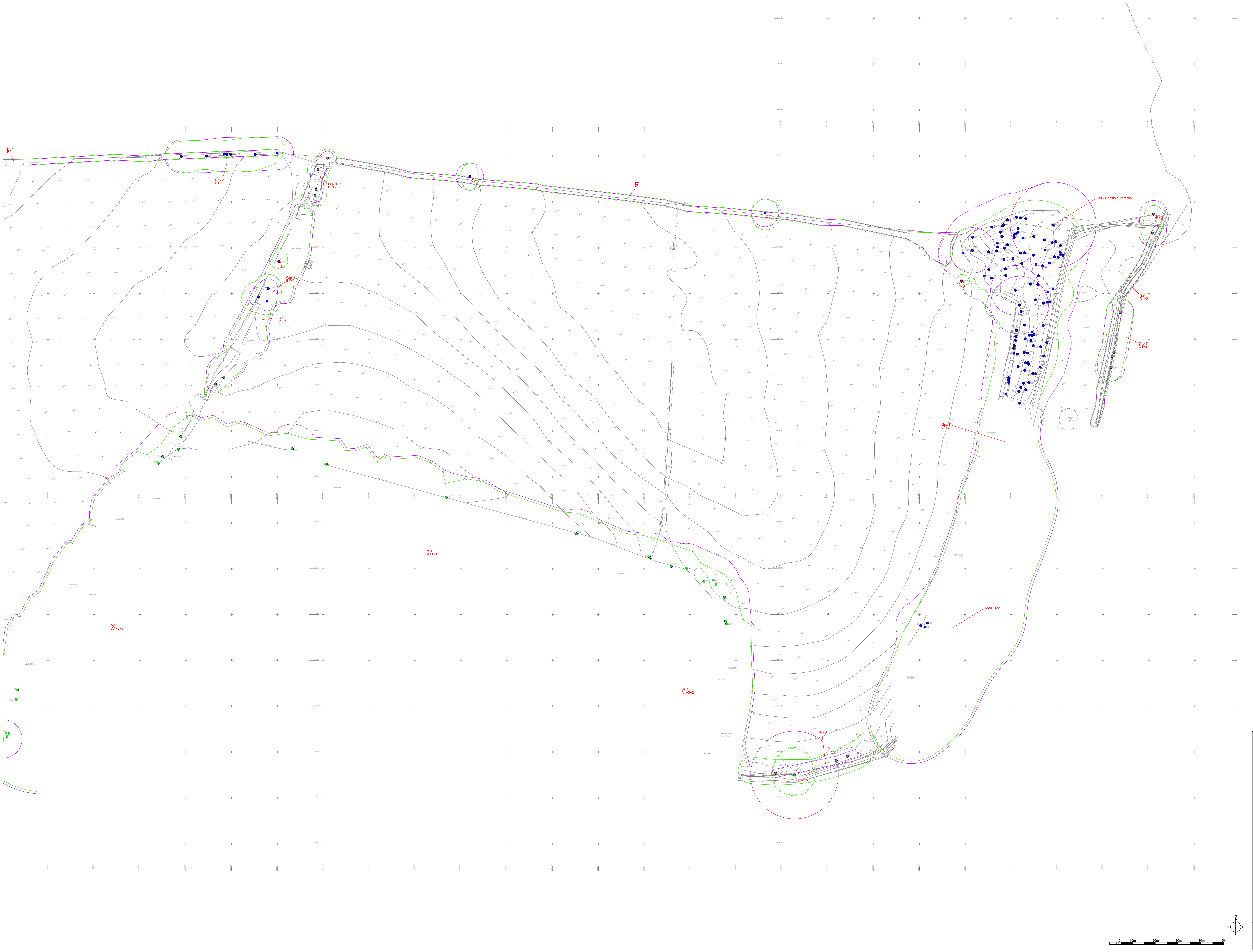
DATE JULY 2023

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

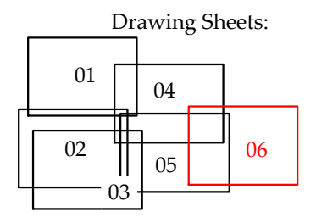
CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.


H1*
B2
Grp 2
B1+2
Grp 3
C1+2
3
B1+2
H2*
B2
4
B1+2
Oak - Possible Veteran
Grp 6
C1+2
2
U
Grp 4
B1+2
Grp 5*
C1+2
5
U
H3*
C1+2
Grp 7
C1+2
Grp 8*
B1+2
W1*
A1+2+3
W1*
A1+2+3
Dead Tree
W1*
A1+2+3
Grp 9
C1+2
6
A1+2+3
N
W
E
S
5m
10m
20m
30m
40m
50m

Drawing Sheets:


01
04
02
05
06
03

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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE 1:500@A0

DRAWN DB

DATE JULY 2023

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.

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 (m2)
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 (m2)
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

CB2

CBA Trees

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:

Chesil House
Arrow Close
Boyatt Wood
Hampshire
SO50 4SY

Tel: 02380 986229
Email: info@cbatrees.co.uk

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.

July 2024
CBA11754 v1A

Eastleigh Borough Council

ARBORICULTURAL DEVELOPMENT STATEMENT

Site: Allington Lane Solar Farm

Chesil House, Arrow Close,
Boyatt Wood, Hampshire, SO50 4SY
Tel: 023 8098 6229 Email: info@cbatrees.co.uk
www: cbatrees.co.uk
The Complete Arboricultural Consultancy

ARBORICULTURAL DEVELOPMENT STATEMENT

Client:	Eastleigh Borough Council
Site:	Allington Lane, Fair Oak
Arboricultural Consultant:	Stefan Rose *BSc(Hons), TechCert (Arbor A), TechArbor.A*
Date:	July 2024

SUMMARY

The proposal is for the provision of a solar farm facility with associated vehicular access points at the site of Allington Lane, Fair Oak. This Arboricultural Development Statement (ADS) demonstrates the protection measures for the retained trees and should be read in association with the Tree Protection Plan CBA11754.02A TPP, which identifies tree retention measures. It follows the initial tree survey, implications assessment and on-going discussions to minimise the impact upon the existing tree stock.

The emphasis of the report is predominantly that of preservation and tree protection. It identifies methodologies to provide protection for trees, to ensure their healthy and safe retention during and post development, as guided by BS5837:2012 and current best practice.

The proposal will require the removal of 6 (six) low C grade trees, the removal of 3 (three) low C grade groups of trees and the partial removal/pruning of a further 4 (four) groups of trees.

CBA Trees believes that the trees highlighted for retention within this report can be retained without undue stress on their long-term health.

CONTENTS

Section Title ***Page No.***

PART 1
ARBORICULTURAL IMPLICATIONS ASSESSMENT

1.0 INTRODUCTION ... 3
2.0 CLIENT'S BRIEF ... 3
3.0 DESCRIPTION OF THE SITE ... 4
4.0 THE TREE STOCK ... 4
5.0 TREE PRESERVATION ORDER/CONSERVATION AREA ... 5
6.0 PROPOSED TREE RETENTION AND TREE LOSS ... 5
7.0 SUMMARY OF ARBORICULTURAL IMPLICATIONS ... 5

PART 2
ARBORICULTURAL/CONSTRUCTION METHOD STATEMENTS

8.0 PRE-COMMENCEMENT SITE MEETING AND SITE MONITORING ... 9
9.0 ADDITIONAL ARBORICULTURAL ADVICE FOR SITE PERSONNEL ... 10
10.0 PRE-COMMENCEMENT TREE WORKS ... 10
11.0 TREE PROTECTION MEASURES ... 11
12.0 SITING OF TEMPORARY OFFICES, TOILETS AND MATERIAL STORAGE COMPOUNDS ... 14
13.0 AVOIDING DAMAGE TO STEMS AND BRANCHES ... 15
14.0 GENERAL CONSIDERATIONS WITHIN AND OUTSIDE THE CONSTRUCTION EXCLUSION ZONE ... 15
15.0 GROUND LEVEL ALTERATIONS ... 15
16.0 CONCLUSIONS ... 16
17.0 CONTACT LIST ... 16
18.0 BIBLIOGRAPHY ... 17

SUPPORTING INFORMATION/APPENDICES:

CB1 Tree Survey Schedule and Tree Survey Plan CBA11754.01A TSP
CB2 Root Protection Area Schedule
CB3 Tree Protection Plan CBA11754.02A TPP
CB4 Pre-Commencement Tree Works Schedule

GUIDING PRINCIPLES/APPENDICES:

CB5 Tree Protection Guidance Leaflet
Construction Exclusion Zone Site Notice
Common Causes of Damage During Construction Works
CB6 Qualifications and Experience

PART 1
ARBORICULTURAL IMPLICATIONS ASSESSMENT

1.0 INTRODUCTION

1.1 The proposal is for the provision of a solar farm facility with associated vehicular access points at the site of Allington Lane, Fair Oak. The proposal has been assessed broadly in accordance with BS5837:2012 *"Trees in Relation to Design, Demolition and Construction – Recommendations."*

1.2 Document disclosure provided to CBA Trees:

- Topographical Site Plan: 2786-Allington Lane Solar Farm (PS)
- Proposed Site Plan: Allington Lane V9

1.3 The client provided the original site plans and locations of the trees, and these have been the basis for the production of subsequent plans. Whilst CBA Trees has had a limited input in defining the contents of the development plan, it broadly conforms to the requirements of BS5837:2012 *"Trees in Relation to Design, Demolition and Construction – Recommendations"* and current best practice advice.

1.4 Our advice has been sought on the principles of the development in relation to the potential impact on the existing tree stock, to inform and to facilitate the development layout that is acceptable in arboricultural terms.

2.0 CLIENT'S BRIEF

2.1 In line with our written quotation and verbal instructions, information has been compiled in accordance with BS5837:2012 and current best practice advice.

- To undertake a Tree Survey (schedule appended at CB1).
- To produce a schedule of Root Protection Areas in accordance with BS5837:2012 Annex D (appended at CB2).
- To produce a Tree Survey Plan that relies on the accuracy of the topographical survey provided by the client (plan CBA11754.01A TSP appended with the Tree Survey schedule at CB1).
- To undertake an Arboricultural Implications Assessment (AIA) of the proposed development layout provided by the client to identify which trees will be lost, which can be retained and suggest mitigating build techniques in order to retain trees.
- Based on the above and further on-going discussions, to provide an Arboricultural Method Statement detailing the methodologies for the retention of the tree stock where feasible, in relation to the proposed development layout including a Tree Protection Plan (CBA11754.02A TPP) appended at CB3.

2.2 The advice provided is in support of the current planning application and has been formulated without discussion with the main construction contractors who at this stage have not been appointed. Once the main contractors are appointed, amendments to this Method Statement may be required for construction purposes. All amendments will be assessed by the retained arboricultural consultant and approved in writing by Eastleigh Borough Council.

3.0 DESCRIPTION OF THE SITE

3.1 The site consists of numerous arable fields either side of Allington Lane, Fair Oak. The trees, groups, woodland and hedges effectively form the field boundaries or separate areas within fields with the occasional tree growing within.

3.2 There are several Oak trees across the site that are considered to be having the potential for, or are, veteran trees.

3.3 Ground levels naturally change across the site, notably more towards the edges of the fields.

4.0 THE TREE STOCK

4.1 A tree survey was undertaken by CBA Trees on 16th and 28th June 2023 that identified 54 (fifty-four) individual trees, 64 (sixty-four) groups, 1 (one) woodland and 4 (four) hedges. The Tree Survey Schedule and Tree Survey Plan CBA11754.01A TSP are appended at CB1.

4.2 *Tree Categorisation Method*

Category U = Trees in such a condition that any value would be lost within 10 years, or should be removed for reasons of sound arboricultural management. There was 10 (ten) individual trees categorised as ‘U’ grade trees at the time of surveying.

Individual Trees: 2, 5, 15, 17, 18, 23, 24, 29, 48 and 50

Note: BS5837:2012 states -
“Category U trees are those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.”

Category A = Trees of high quality and value: in such a condition as to make a substantial contribution, (40 years or more is recommended). There was 8 (eight) individual trees, 1 (one) group of trees and 1 (one) woodland categorised as ‘A’ grade trees at the time of surveying.

Individual Trees: 6, 8, 21, 28, 30, 31, 32 and 35
Groups: G10
Woodland: W1

Category B = Trees of moderate quality and value, capable of making a significant contribution for in excess of 20 years. There was 15 (fifteen) individual trees, 30 (thirty) groups of trees and 2 (two) hedges categorised as ‘B’ grade at the time of surveying.

Individual Trees: 1, 3, 4, 9, 12, 13, 16, 19, 26, 27, 36, 40, 46, 47 and 49
Groups: G2, G4, G8, G11-G15, G18, G20, G22, G23, G27, G29, G38, G39, G43, G45-G49, G54, G55, G57, G58, G60, G62-G64
Hedges: H1 and H2

Category C = Trees of low quality and value which might remain for a minimum of 10 years or young trees with stems of less than 150mm diameter. There was 21 (twenty-one) individual trees, 33 (thirty-three) groups of trees and 2 (two) hedges categorised as 'C' grade hedges at the time of surveying.

Individual Trees: 7, 10, 11, 14, 20, 22, 25, 33, 34, 37, 38, 39, 41, 42-45, 51-54
Groups: G1, G3, G5-G7, G9, G16, G17, G19, G21, G24, G25, G26, G28, G30-G37, G40, G41, G42, G44, G50, G51, G52, G53, G56, G59 and G61
Hedges: H3 and H4

Note:
Trees under these categories are trees that should be a material consideration in the development process; the subcategories are intended to reflect arboricultural, landscape and cultural values respectively.

4.3 For more details of the existing tree stock, refer to the Tree Survey Schedule (appended at CB1).

5.0 TREE PRESERVATION ORDER/CONSERVATION AREA

5.1 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..

5.2 If it is intended to carry out works to these trees prior to the granting of Full Planning Consent and Discharge of Planning Conditions or, in excess of those shown within this method statement, it will be necessary to obtain written consent from Eastleigh Borough Council.

6.0 PROPOSED TREE RETENTION AND TREE LOSS

6.1 In accordance with the recommendations contained within BS5837:2012, an experienced arboriculturist has assessed the requirements for tree protection and the Root Protection Area (RPA). The implications of the proposed development are detailed below, along with any mitigating measures to ensure the retention of these trees.

6.2 As part of the assessment, dimensions have been scaled from the proposed design layout drawing (ref: Allington Lane V9), which has been prepared and modified, to include the relevant Tree Survey data and the information as shown on Plan CBA11754.02A TPP, appended at CB3.

7.0 SUMMARY OF ARBORICULTURAL IMPLICATIONS

7.1 The following summary of implications relates to trees identified within the Tree Survey Schedule.

7.2 The assessment of the implications of the proposed solar farm are based on the calculated root protection area and linear distances as guided by BS5837:2012. Where trees are considered to be of veteran status the root protection linear distance is uncapped and 15 times larger than the stem diameter to be in line with government standing advice.

7.3 Damage to trees can occur from a lack of onsite awareness and the need to protect not just the physical tree but also the area where the trees grow i.e. the roots in the ground and the environment where the trees grow.

7.4 Damage to the trees may be in the form of direct damage where roots are cut, ripped, snapped or shattered for ground works such as services or foundations or alternatively where the trunks/branches are struck by plant machine movements or snapped by contractors where branches are in close proximity to the build or where contractor movement is close to trees.

7.5 Trees can also be damaged through indirect causes such as through compaction of the soft ground from the moving of plant machinery or the storage of materials as well as through phototoxic damage from mixing of materials damaging and compromising the tree's roots and rooting environment. This is easily avoided by establishing and maintaining tree protection measures at the start of site enabling works until completion of the project. Due to the size of this project, this may mean that tree protection is established in phases subject to how works are programmed but once the foundations, framework and panels are in place and cables installed in a given field/area of works, tree protection can be removed from that area. Where contractor movements are continued in close proximity to trees, tree protection measures will need to be retained.

7.6 Items such as contractor compound, parking and welfare offices, storage of materials, mixing of concrete/mortar will all need to be considered prior to any commencement of works on site so that any potential damage to trees from these are removed or reduced.

7.7 Trees immediately around the site compound area, adjacent to site access points, internal access routes within 10m of any tree, group, woodland, hedge or where a tree has been identified as a veteran or potential veteran, they will have robust tree protection barriers established as detailed below.

7.8 The positioning of the solar panels has been informed by the trees, groups, woodland and hedges and are located outside of the root protection areas.

7.9 The internal temporary roadway/and maintenance tracks has been informed by the trees, groups, woodland and hedges and are located outside of the root protection areas.

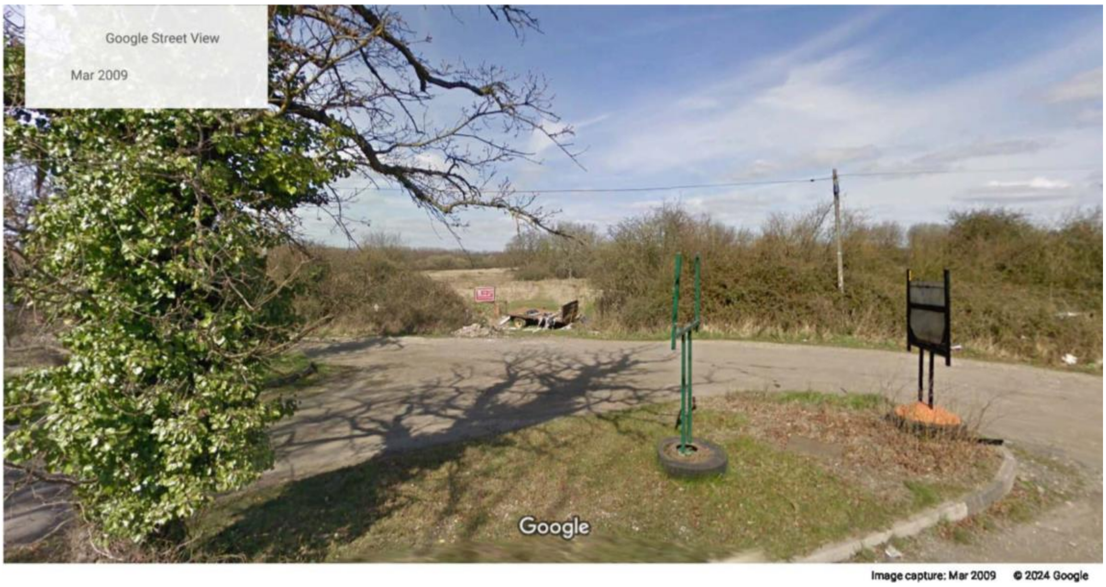
7.10 Where construction routes and solar panels are installed at distance greater than 15m (other than for veteran or potential veteran trees) trees, groups, woodland or hedge then a lesser specification of tree protection barrier maybe used.

7.11 Trees 41, 42, 43, 44, 52 and 53 are all low C grade trees (Blackthorn, Hawthorn and Goat Willow) of natural regeneration growing within a field. These trees will be removed to allow for a full field to be laid with solar panels and reduce the impact on other larger, more dominant and visually important trees.

7.12 Groups 40, 41 and 59 are low C grade Blackthorn and Hawthorn groups of natural regeneration growing within a field. These two groups will be removed to allow for a full field to be laid with solar panels and reduce the impact on other larger, more dominant and visually important trees.

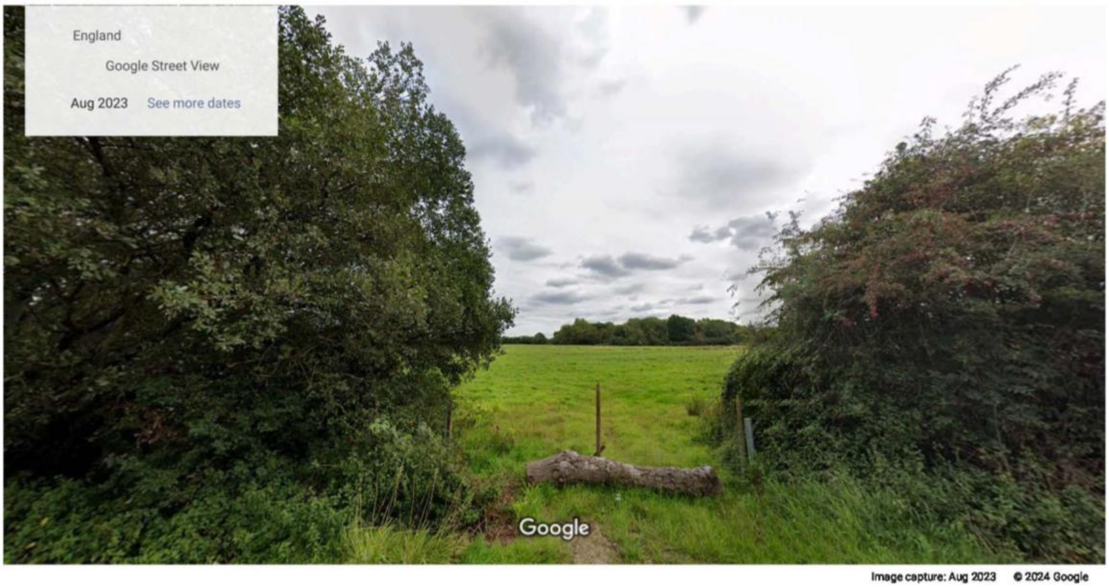
7.13 Site access utilising an existing field entrance gate will be used at the southern end of the site. To ensure that contractor plant does not damage retained vegetation, the eastern end of Group 35 will have a section removed of approximately 2-3m from the existing gated field entrance. There are no noted trees in this area and the removal (if strictly required) will not be harmful to the visual aspect of this area of the site.

Image 1: Google Street view of existing field access with Group 35 to its left.



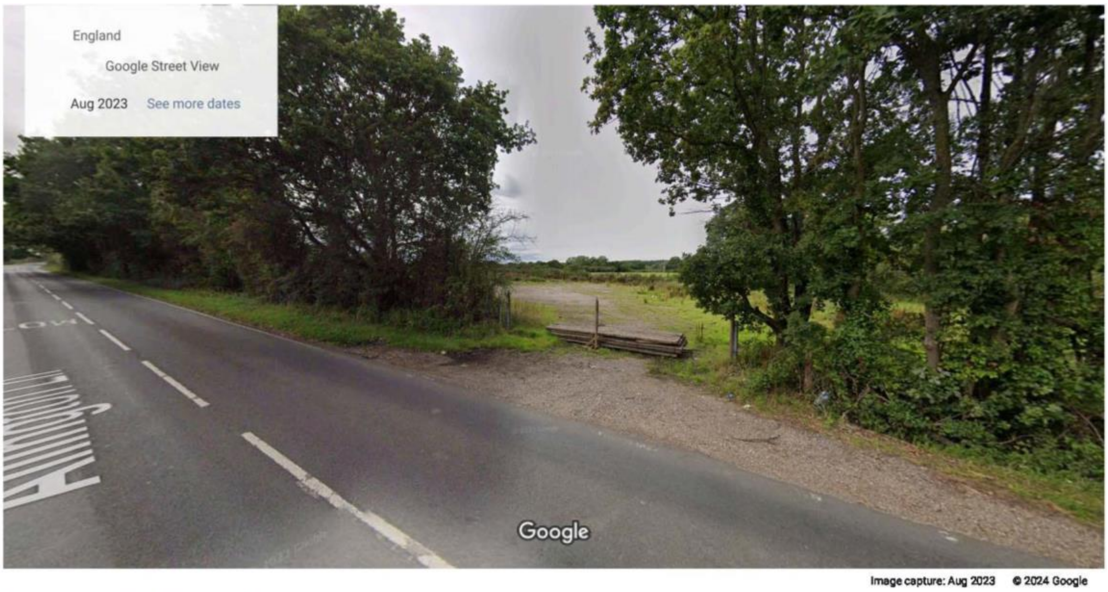
7.14 Site access utilising an existing field entrance access point will be used on the eastern side Allington Lane. To ensure that contractor plant does not damage retained vegetation, the southern end of Group 1 will have a section removed of approximately 3m from the existing field entrance. The end of this group is a Goat Willow which is a species that readily responds well to pruning, and the crown will be lifted/cut back, and it is our view that this will not be harmful to the visual aspect of this area of the site. The proposal here has been designed to reduce the impact on both groups by positioning the junction requirements to only impact on one group rather than both.

Image 2: Google Street view of existing field access on the east side of Allington Lane with Group 1 to its left and Group 13 to the right


England
Google Street View
Aug 2023 See more dates
Google
Image capture: Aug 2023 © 2024 Google

7.15 Site access utilising an existing field entrance access point will be used on the western side of Allington Lane. To ensure that contractor plant does not damage retained vegetation, the northern end of Group 13 will have a section removed of approximately 2-3m from the existing field entrance. The end of this group is a single Oak (to be retained) and understorey of Hawthorn which is proposed for removal, and it is our view that this will not be harmful to the visual aspect of this area of the site. The proposal here has been designed to reduce the impact and retained the larger more dominant Oaks.

Image 3: Google Street view of existing field access on the east side of Allington Lane with Group 1 to its left and Group 13 to the right


England
Google Street View
Aug 2023 See more dates
Google
Image capture: Aug 2023 © 2024 Google

8.0 PRE-COMMENCEMENT SITE MEETING AND SITE MONITORING

8.1 It is recommended that a pre-commencement site meeting is held prior to any works commencing on site to agree all proposed processes with the arboricultural consultant and the construction personnel. This meeting could be used to agree the methods of work, position of site offices, material storage, compounds, parking and tree protection measures prior to commencement of the development and the associated clearance work.

8.2 Photographs will be taken and submitted to Eastleigh Borough Council to demonstrate that the tree protection barriers are up.

8.3 **General Site Management:** It is the developer's responsibility to ensure that the details of this arboricultural statement and any agreed amendments are known, understood and carried out by all site personnel with tree protection details specified within the construction management programme.

8.4 On-going arboricultural site monitoring is advised to take place for the duration of the proposed development, to be carried out by a qualified and experienced arboriculturist at pre-determined and agreed time intervals, and governed by the type, timing, location and intensity of site works.

8.5 Regular inspections are to be confirmed but at least one visit per month during the site set up, ground and construction phases of the development are advised, together with additional visits to supervise works adjacent to veteran or potential veteran trees. The aim of the visits is to maintain on-going liaison with all personnel involved in the site development, Eastleigh Borough Council and its Tree Officer as required.

8.6 Any defects requiring rectification identified as part of the arboricultural site monitoring shall be notified by the Contractor/Site Manager to the client and arboricultural consultant within 24 hours.

8.7 In addition, a site logbook for tree protection measures must be kept, recording all stages of the development from the erection of the protective barriers, right through to the completion of the project. This will be the responsibility of the site manager or their appointed person notified to the retained arboricultural consultant and the Tree Officer of Eastleigh Borough Council. This will be made available to the arboricultural consultant and Eastleigh Borough Council if required, to show evidence of continuous site monitoring.

Example pro-forma:

Date	Activity	Checked	Comments / damage noted	By whom	Signed	Action taken
	Erection of protective barriers					
	Inspection of protective barriers					

8.8 The Eastleigh Borough Council Tree Officer (or appropriate representative) will have access to the site (as arranged with the construction company) and will report on any problem areas they have observed directly to the developer's site manager and retained arboriculturist, who will then visit the site and make recommendations to the developer on how best to rectify the situation and ensure the implementation.

9.0 ADDITIONAL ARBORICULTURAL ADVICE FOR SITE PERSONNEL

9.1 To provide site personnel with additional information regarding the requirements of Tree Protection, a leaflet (appended at CB5) shall be issued to all staff at the time of their site induction. Spare copies of this leaflet shall be available in the site office as replacements.

9.2 In order to inform site personnel of the purpose of the barriers, information notices shall be fixed to the barriers at 5m intervals. These notices shall be of all-weather construction and shall be in the form of the specimen provided at appendix CB5 and replaced as and when necessary.

10.0 PRE-COMMENCEMENT TREE WORKS

10.1 All tree works will be undertaken prior to the commencement of site preparation and construction works for each phase of works as required.

10.2 **All permitted or proposed tree work** should be carried out in accordance with the British Standard *"Recommendations for Tree Work"* BS3998:2010, by a suitably qualified and experienced professional Tree Surgeon. Under no circumstances shall site personnel undertake any tree pruning operations. All tree surgery works should be carried out prior to the development of the site, and erection of protective barriers.

10.3 If any works are required to retained trees on site that are protected by a TPO prior to full planning permission being granted, written approval must be obtained in advance from Eastleigh Borough Council (note: at the time of compiling this report there was no legal protection afforded to the trees detailed within this report).

10.4 Consideration should be given to the timing of the proposed tree works to avoid the active growing period of trees. Therefore, all tree work should ideally be carried out during the dormant period from November through to February and then again from June to August.

10.5 Due to the official bird nesting season considered to be from 1st March through to the 31st July (Natural England) depending on weather conditions, consideration must also be given to the potential for nesting birds. Therefore, if tree work is to be carried out within these months the project ecologist must be consulted to:

- Complete or advise on a pre-works survey which needs to be carried out by a suitably competent person. As a general rule, it should be assumed that birds will be nesting in trees, and it is down to contactors to assess, record and confirm that any works carried out in the management of trees and other vegetation has not disturbed actively nesting birds.

10.6 Should additional tree works become apparent during the construction process; written consent will be required from Eastleigh Borough Council prior to these additional works being undertaken.

10.7 All tree works that are required to facilitate the development are detailed within the Pre-Commencement Tree Works Schedule appended at CB4.

11.0 TREE PROTECTION MEASURES

11.1 *Tree Protection*

Before starting site works, tree protection will be installed in accordance with Tree Protection Plan CBA11754.02A TPP (appended at CB3). This will occur immediately following the completion of tree works and prior to any site preparation works starting. Tree protection measures could be set up on a phasing basis to allow for tree protection to only be set up for a given area of works at any one time or where contractors are active on site to avoid the need to establish tree protection across the whole site for the duration of the project.

All site operations will be planned, implemented and supervised to prevent the following unless otherwise agreed within this report:

- Unplanned root severance
- Damage to the bark, branches and trunks
- Compaction of the soil within the Construction Exclusion Zone
- Alterations in soil level
- Soil contamination by phytotoxic materials such as herbicides, petrol, oils, diesel, cement and concrete washings or other construction additives

It is recommended that a copy of the Tree Protection Plan CBA11754.02A TPP is displayed in the site office and canteen as a point of reference for all site operatives.

11.2 *Tree Protective Barrier*

All retained trees, groups, woodland and hedges will be protected by installing the following tree protective barrier and will follow the principles as set out in BS5837:2012 and as set out on the Tree Protection Plan CBA11754.02A TPP to protect the retained trees during external site works.

Tree protection barriers across the site may comprise security hoarding in some areas which may follow the principles of those shown in the tree protection examples below.

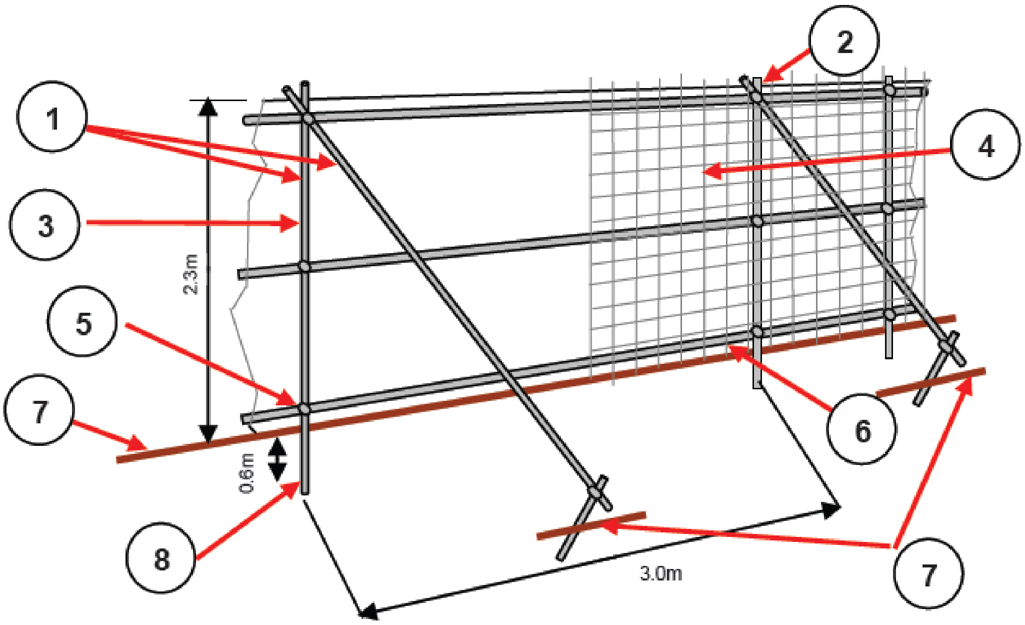
Given the nature of the existing site, (open fields) where the proposed works are located, tree protective barriers will take the form of a design that is considered appropriate for the site and be fit for purpose. The barrier must be robust, where it (the barrier) is resistant to impact from machinery or storage of materials and requires a positive or considered movement/adjustment by contractors of the barrier to adjust its position where adjacent to veteran or potential veteran trees or where contractor movements are adjacent to trees, groups, woodland or hedges or adjacent to the site access points and in internal tracks that run adjacent to trees, groups, woodland or hedges.

Examples of suitable tree protection barriers are detailed below but is not exclusive.

Should the client wish to use a different specification of barrier, they may do so if it follows the principles below and is agreed in writing by the retained arboricultural consultant for the project:

- The barrier is to comprise of a vertical and horizontal framework, well braced to resist impacts, with vertical tubes spaced at a maximum interval of 3m. Onto this, weld mesh panels should be securely fixed with wire or scaffold clamps (see Figure 1).

Figure 1: Protective Barrier

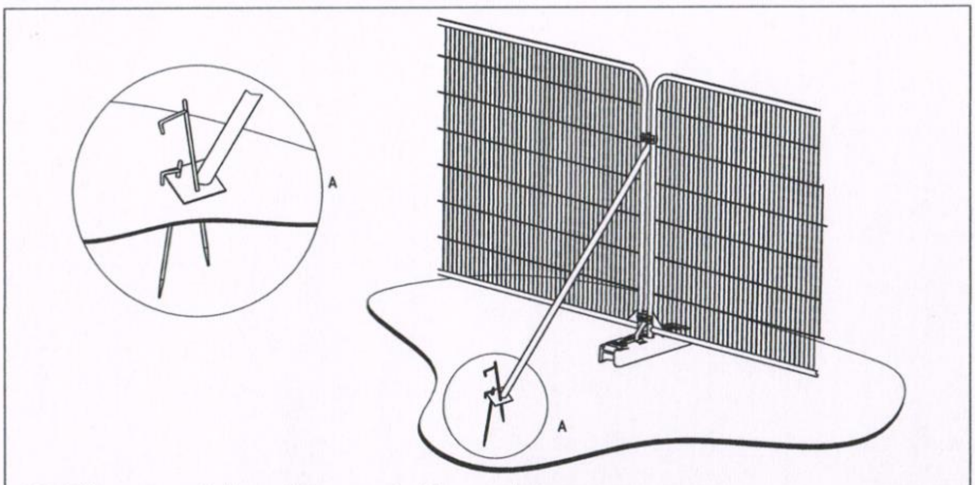


1. Standard scaffold poles
2. Uprights to be driven into the ground
3. Panels secured to uprights with wire ties and where necessary standard scaffold clamps
4. Weldmesh wired to the uprights and horizontals
5. Standard clamps
6. Wire twisted and secured on inside face of barriers to avoid easy dismantling
7. Ground level
8. Approximately 0.6m driven into the ground

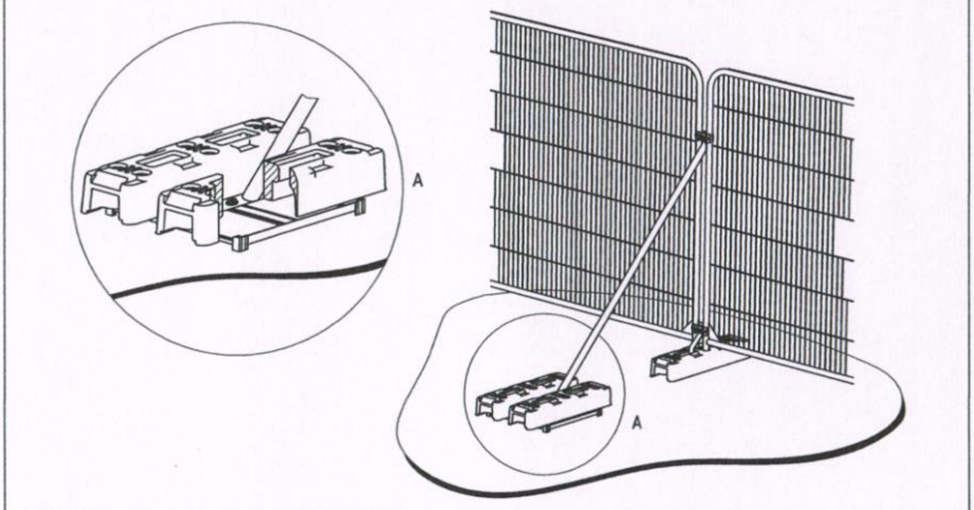
- The barrier will consist of weld mesh panels on rubber or concrete feet that are pinned into position with supporting struts. The weld mesh panels will be coupled together with clasps fastened from the inside (see Figure 2).

Figure 2: Alternative tree protection barrier example as recommended by BS5837:2012

Figure 3 **Examples of above-ground stabilizing systems**



a) Stabilizer strut with base plate secured with ground pins

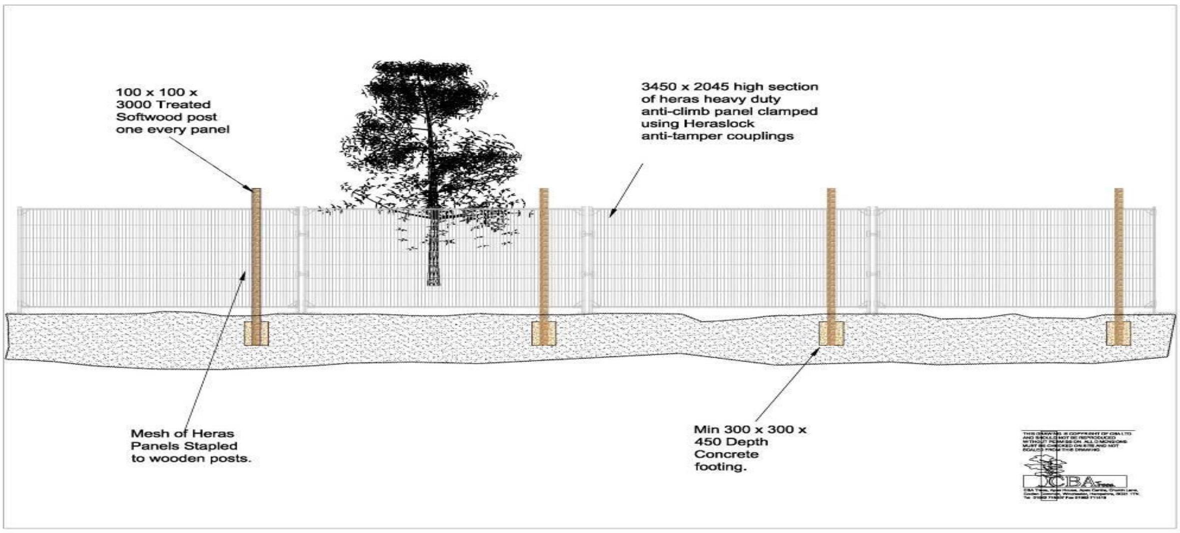


b) Stabilizer strut mounted on block tray

- The barrier will consist of 100mm x 100mm wooden posts concreted or driven into the ground supporting weld mesh panels The fence will consist of weld mesh panels supported by one 100mm x 100mm x 3000mm post per panel. Posts will be concreted in position (see figure 3).

- The barrier will consist of 100mm x 100mm wooden posts driven securely into the ground supporting 18mm plyboard or OSB board sheets (typical of development site hoarding). Within this barrier a gate/doorway access point for pedestrian use would be required to allow for a site assessment beyond the barrier.

Figure 3: An example of a different specification of fit for purpose tree protection barrier


100 x 100 x
3000 Treated
Softwood post
one every panel
3450 x 2045 high section
of heras heavy duty
anti-climb panel clamped
using Heraslock
anti-tamper couplings
Mesh of Heras
Panels Stapled
to wooden posts.
Min 300 x 300 x
450 Depth
Concrete
footing.
CBA Trees

11.3 Tree protection measures will remain *in-situ* for the duration of the project (where site works are occurring). The areas protected by barriers and ground protection will be regarded as **sacrosanct**, and the tree protective barriers shall not be taken down or relocated at any time without the prior written approval of the Tree Officer of Eastleigh Borough Council.

11.4 Once the barriers are in place they must remain *in-situ* throughout the following:

- Contractor occupancy
- Plant and Materials delivery
- Construction works
- Installation of porous surfacing
- Utility installation
- Completion of development
- Landscaping where required

11.5 The area within the Tree Protection Barriers shall be known as the Construction Exclusion Zone (CEZ) and will be regarded as **sacrosanct.** The tree protective barriers shall not be taken down or relocated at any time without the written approval of Eastleigh Borough Council. An example of a CEZ notice is appended at CB5.

11.6 Barriers may be taken down once all works associated within a given area/phase are completed.

12.0 SITING OF TEMPORARY OFFICES, TOILETS AND MATERIAL STORAGE COMPOUNDS

12.1 It is anticipated that all storage materials and deliveries shall make use of the newly created access once complete and areas within the site confines, in order to avoid unnecessary damage to tree roots.

12.2 The locations for the delivery, storage and movement of all essential facilities, as well as aspects such as temporary contractor vehicle parking and site location of chemical mixing (e.g. concrete), will be outside of the RPAs, and avoid areas where 'run off' of chemicals may flow into RPAs.

12.3 *Site Huts*

All site huts (if required) shall have appropriate footings or be situated on a temporary surface, which will aid in reducing the potential for compaction of the ground, where they are in close proximity to the existing tree protective barrier line. Site huts can be used as part of the protective barrier boundary, and in some cases, can be beneficial where installation does not conflict with the aerial parts of the tree.

12.4 *Material Storage*

This shall be accommodated outside of the CEZ, particularly to avoid harmful spillages of fuel, or phytotoxic substances that may damage the health of retained trees.

13.0 AVOIDING DAMAGE TO STEMS AND BRANCHES

13.1 Care shall be taken when planning site operations, to ensure that wide or tall loads or plant with booms, jibs and counterweights can operate without coming into contact with retained trees. Such contact could result in serious damage to them and might make their safe retention impossible. Consequently, any transit or traverse of plant in close proximity to trees will be conducted under the supervision of a banksman, in order to ensure adequate clearance from trees is maintained at all times.

14.0 GENERAL CONSIDERATIONS WITHIN AND OUTSIDE THE CONSTRUCTION EXCLUSION ZONE

14.1 Inside the CEZ formed by the protective barrier and ground protection measures, the following prohibitions shall apply:

- No construction activity will occur within the CEZ unless otherwise stated in this report or agreed in writing with Eastleigh Borough Council prior to the specific activity-taking place.

15.0 GROUND LEVEL ALTERATIONS

15.1 Where ground levels are affected for the site works, within the root protection areas of retained trees, groups, woodland and hedges, the existing ground levels will remain.

15.2 Level changes within the site, where required can be achieved providing they are carefully designed and constructed to meet the immediate and long-term biological requirements of the trees. These requirements include:

- Preventing physical damage to roots
- Allowing water and oxygen to reach the existing rooting environment
- Preventing the build-up of carbon dioxide within the existing soil

- Allowing for future growth
- Preserving the soil structure within the existing rooting environment (particularly with clay soils)
- No battering back/changes of ground levels at all within the rooting area
- Preventing soil compaction

16.0 CONCLUSIONS

16.1 The proposal is for the provision of a solar farm facility with associated vehicular access points at the site of Allington Lane, Fair Oak and has been assessed broadly in accordance with BS5837:2012 *"Trees in Relation to Design, Demolition and Construction – Recommendations"*.

16.2 Of the 54 (fifty-four) individual trees, 64 (sixty-four) groups, 1 (one) woodland and 4 (four) hedges identified within the tree survey exercise, the proposal will retain 48 (forty-eight) individual trees, 61 (sixty one) groups of trees (with 4 (four) of these having minor pruning or end sections removed), the 1 (one) woodland and the 4 (four) hedges.

16.3 The proposal will require the removal of 6 (six) low C grade trees (Blackthorn, Hawthorn and Goat Willow), the removal of 3 (three) low C grade groups of trees (Blackthorn and Hawthorn) and the partial removal/pruning of a further 4 (four) groups of mixed species.

16.4 The proposal has sought to respect trees of value and merit on and adjacent to the site and has been designed around the veteran and potential veteran trees and their buffer zones.

16.5 It is our opinion that the trees, groups, woodland and hedges identified for retention can be afforded due respect and provided adequate protection, ensuring their safe and healthy retention during the development process.

16.6 Provided the recommendations included within this report are strictly adhered to, CBA Trees believes the trees highlighted for retention within this report can be retained without undue stress on their long-term health.

17.0 CONTACT LIST

17.1 It is suggested that points of contact and lines of communication are established prior to commencement of the works on site including:

- Arboricultural Consultant
- Project Architect
- Highways Engineer
- Structural Engineer
- Drainage Engineer
- Eastleigh Borough Council's Tree Officer
- Eastleigh Borough Council's Planning Case Officer
- Site Supervisor and Foreman

17.2 It is advised that the site supervisor establishes their own listing of contact details at the pre-start site meeting and displays this in their office for general use as necessary.

18.0 BIBLIOGRAPHY

- British Standard 5837:2012 –
  "Trees in Relation to Design, Demolition and Construction - Recommendations"
- British Standard 3998:2010 –
  "Recommendations for Tree Work"
- National Joint Utilities Group Publication Volume 4 –
  "Guidelines for the planning, installation and maintenance of utility services in proximity to trees"
- Wildlife and Countryside Act 1981
- Conservation of Habitats and Species Regulations 2010 (as amended)
- Town and Country Planning Acts

CB1

CBA Trees

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 *BSc(Hons), TechCert (Arbor A), TechArbor.A*
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 *Quercus robur*	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 *Fraxinus excelsior*	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 *Quercus robur*	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 *Quercus robur*	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
					N	E	S	W	N	E	S	W						
5	Common Hawthorn *Crataegus monogyna*	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 *Quercus robur*	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 *Quercus robur*	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 *Betula pendula*	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	Single/ Multi-Stemmed	Stem Diam	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
		(m)	(S or MS)	(mm)	N	E	S	W	N	E	S	W						
9	Pedunculate Oak *Quercus robur*	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 *Salix caprea*	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 *Crataegus monogyna*	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 *Quercus robur*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
14	Goat Willow *Salix caprea*	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 *Quercus robur*	9	S	950	-	-	-	-	-	-	-	-	M	Dead	Dead Standing monolith	No works required at time of survey	-	U
16	Pedunculate Oak *Quercus robur*	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 *Betula pendula*	11	S	220	-	-	-	-	-	-	-	-	SM	Dead	Dead Dead tree	Advise removal	-	U
18	Common Ash *Fraxinus excelsior*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
20	Goat Willow *Salix caprea*	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 *Quercus robur*	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 *Crataegus monogyna*	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 *Crataegus spp*	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 *Crataegus spp*	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 *Crataegus spp*	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 *Quercus robur*	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 *Quercus robur*	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 *Quercus robur*	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) N**	**E**	**S**	**W**	**H't of Crown AGL (m) N**	**E**	**S**	**W**	**Life Stage**	**Physio-logical Condition**	**Structural Condition and General Observations**	**Preliminary Management Recommendations**	**Est. Rem. Contrib. (Yrs)**	**Cat**
29	Common Hawthorn *Crataegus monogyna*	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 *Quercus robur*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
32	Pedunculate Oak *Quercus robur*	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 *Quercus robur*	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 *Quercus robur*	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 *Quercus robur*	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) N	E	S	W	H’t of Crown AGL (m) N	E	S	W	Life Stage	Physio- logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
36	Pedunculate Oak *Quercus robur*	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 *Quercus robur*	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 *Quercus robur*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
39	Pedunculate Oak *Quercus robur*	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 *Quercus robur*	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 *Salix caprea*	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 *Prunus spinosa*	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 *Salix caprea*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
44	Common Hawthorn *Crataegus monogyna*	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 *Salix caprea*	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 *Quercus robur*	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 *Quercus robur*	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 *Quercus robur*	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) N**	**E**	**S**	**W**	**H't of Crown AGL (m) N**	**E**	**S**	**W**	**Life Stage**	**Physio-logical Condition**	**Structural Condition and General Observations**	**Preliminary Management Recommendations**	**Est. Rem. Contrib. (Yrs)**	**Cat**
49	Pedunculate Oak *Quercus robur*	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 *Fraxinus excelsior*	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 *Crataegus monogyna*	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 *Prunus spinosa*	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 *Salix caprea*	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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio- logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio- logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H’t of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio- logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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

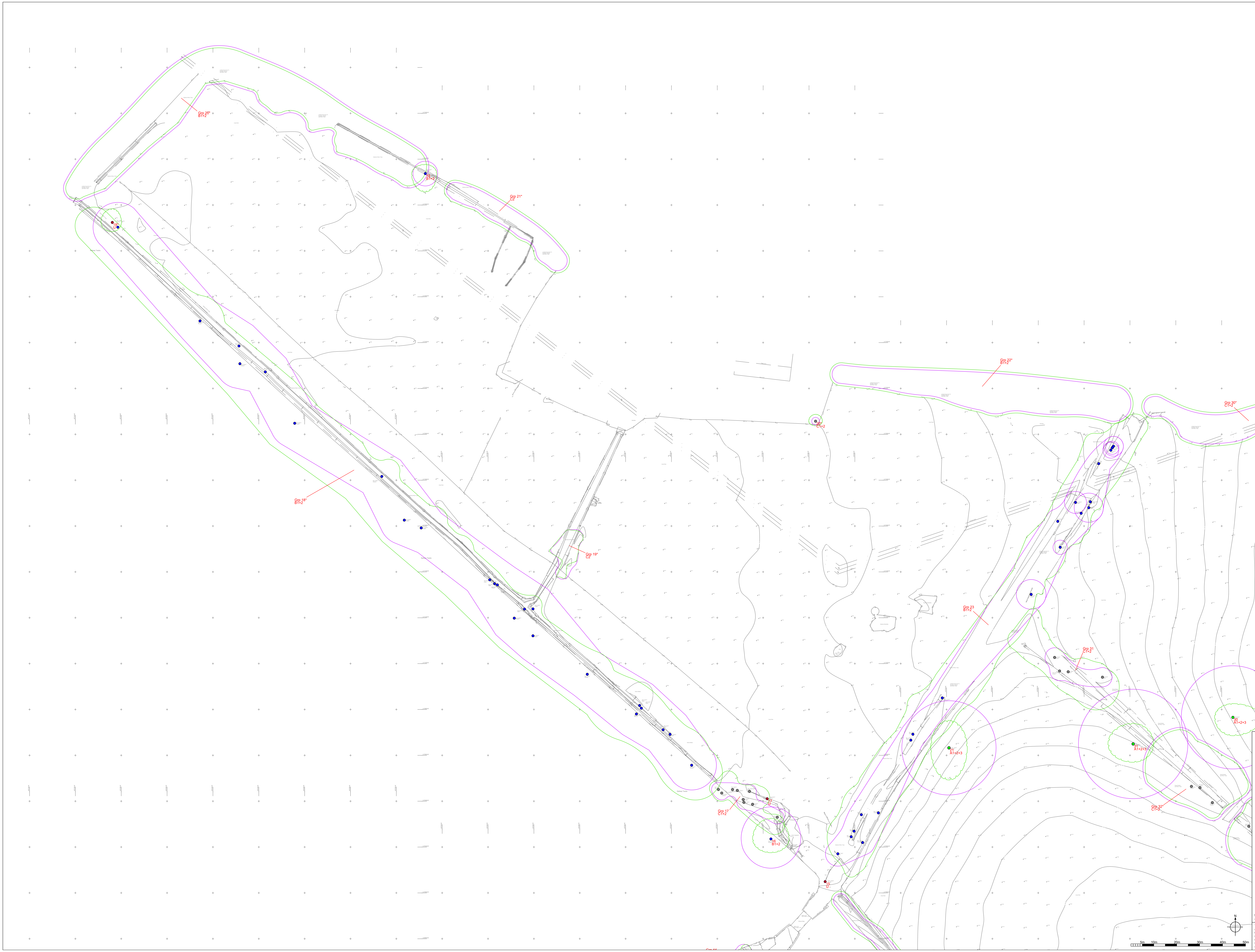
Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 50	Blackthorn 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) N	E	S	W	H’t of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
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


Grp 20*
B1+2
Grp 21*
C2
Grp 18*
B1+2
Grp 19*
C2
Grp 22*
B1+2
Grp 30*
C1+2
Grp 23
B1+2
Grp 31
C1+2
Grp 32*
C1+2
Grp 17
C1+2
30
A1+2+3
29
U
Drawing Sheets:
01
02
03
04
05
06
N
E
S
W
5m
10m
20m
30m
40m
50m

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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE 1:500@A0

DRAWN DB

DATE JULY 2023

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.

15
U
Dead 0.90/1T
6/ Sp2
Railway Bridge
Grp 44
C1+2
Grp 43*
B1+2
Grp 45
B1+2
14*
C1+2
45
C1+2
46
B1+2
Grp 16*
C1+2
Grp 46*
B1+2
40
B1+2
Grp 39*
B2
39
C1+2
Grp 40*
C2
Grp 41*
C2
Grp 64*
B1+2
Grp 63
B1+2
54
C1+2
Grp 62
B1+2
38
C1+2
37
C1+2
Grp 38
B1+2
42*
C2
41
C1+2
Grp 59*
C1+2
Grp 61*
C2
53*
C1+2
52
C1+2
Grp 60
B1+2
Grp 58
B1+2
H4*
C2
43
C1+2
44
C1+2
Possible gap for cable
Grp 42*
C2
50
U
Grp 51*
C1+2
49
B1+2
Grp 50*
C2
Grp 52*
C1+2
51
C1+2
Grp 56*
C2
Grp 53*
C2
N
W
E
S
5m
10m
20m
30m
40m
50m
Drawing Sheets:
01
04
02
05
06
03
KEY
ROOT PROTECTION AREA (RPA)
CROWN SPREAD
CATEGORY
TREE NUMBER
CATEGORY
13
B2

- 🟢 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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE 1:500@A0

DRAWN DB

DATE JULY 2023

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.

Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.

40
B1+2
Grp 39*
B2
39
C1+2
Grp 40*
C2
Grp 41*
C2
38
C1+2
37
C1+2
41
C1+2
Grp 38
B1+2
43
C1+2
44
C1+2
Possible gap for cable
Grp 42*
C2
Grp 37*
C2
36
B1+2
Grp 36
C2
Grp 35*
C2
Grp 64*
B1+2
Grp 63
B1+2
54
C1+2
Grp 62
B1+2
Grp 59*
C1+2
Grp 61*
C2
53*
C1+2
52
C1+2
Grp 60
B1+2
Grp 58
B1+2
Grp 56*
C2
Grp 53*
C2
Grp 55*
B2
Grp 57
B1+2
Grp 54
B1+2
46
B1+2
Grp 16*
C1+2
Grp 46*
B1+2
13
B1+2
12
B1+2
Railway Tracks
Grp 47
B1+2
47
B1+2
Grp 48*
B2
50
U
Grp 51*
C1+2
49
B1+2
Grp 50*
C2
48
U
Grp 49
B1+2
Grp 52*
C1+2
51
C1+2
RAILWAY COTTAGE
HEDGEROW COTTAGE
5m
10m
20m
30m
40m
50m
N
E
S
W
Drawing Sheets:
01
04
02
05
06
03

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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE
1:500@A0

DRAWN
DB

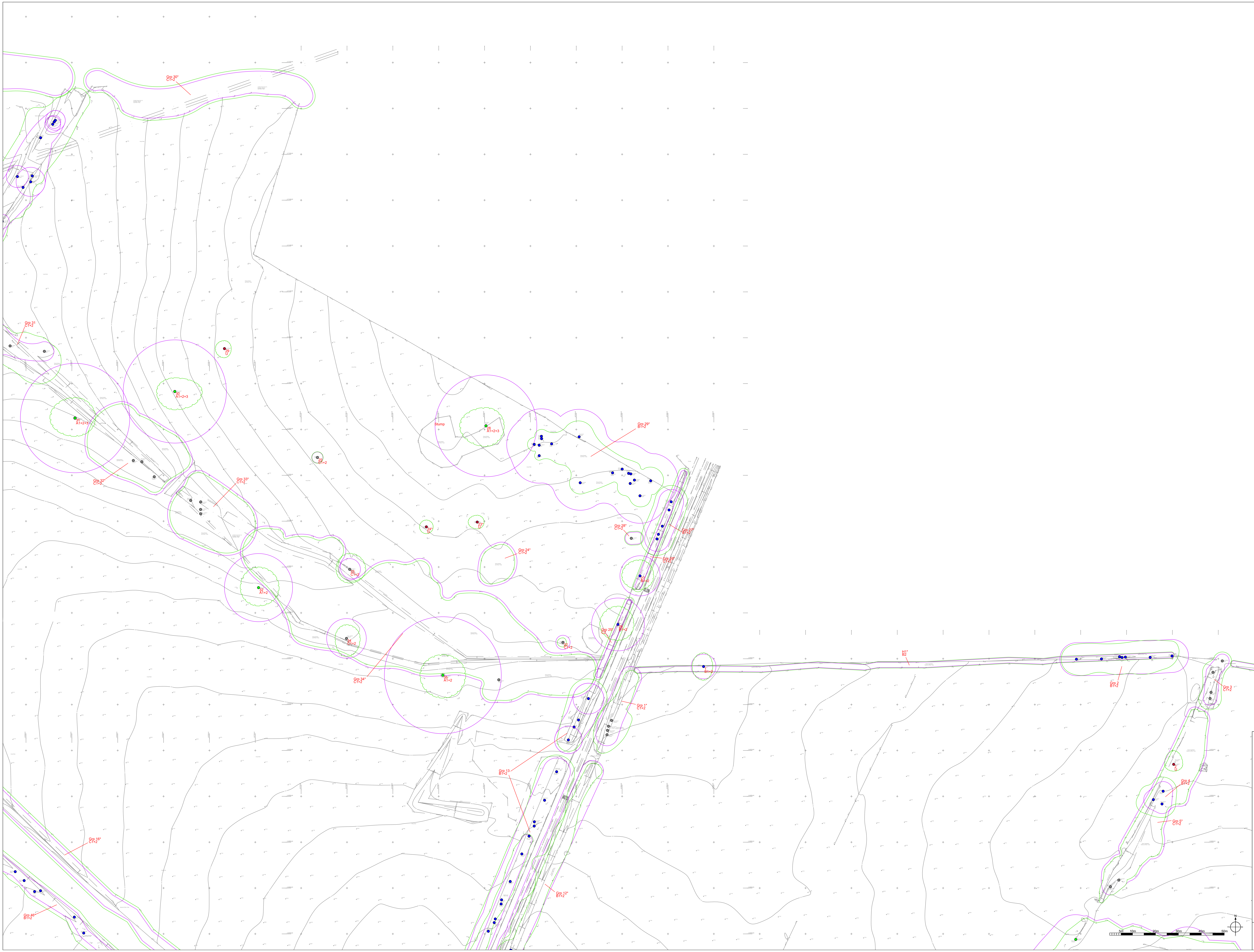
DATE
JULY 2023

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.


Grp 30*
C1+2
Grp 31
C1+2
31
A1+2+3
30
A1+2+3
29
U
25
C1+2
Grp 32*
C1+2
Grp 33*
C1+2
33
C1+2
32
A1+2
34
C1+2
Grp 34*
C1+2
35
A1+2
Stump
28
A1+2+3
Grp 29*
B1+2
24*
U
23*
U
Grp 24*
C1+2
Grp 28*
C1+2
Grp 27*
B1+2
Grp 26*
C1+2
27
B1+2
26
B1+2
Grp 25*
C2
22
C1+2
1
B1+2
Grp 1*
C1+2
Grp 13
B1+2
Grp 12*
B1+2
Grp 16*
C1+2
Grp 46*
B1+2
H1*
B2
Grp 2
B1+2
Grp 3
C1+2
2
U
Grp 4
B1+2
Grp 5*
C1+2
5m
10m
20m
30m
40m
50m
N
W
E
S
Drawing Sheets:
01
04
02
05
06
03

KEY

ROOT PROTECTION AREA (RPA)
CROWN SPREAD
CATEGORY
TREE NUMBER
CATEGORY
13
B2

- 🟢 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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE 1:500@A0

DRAWN DB

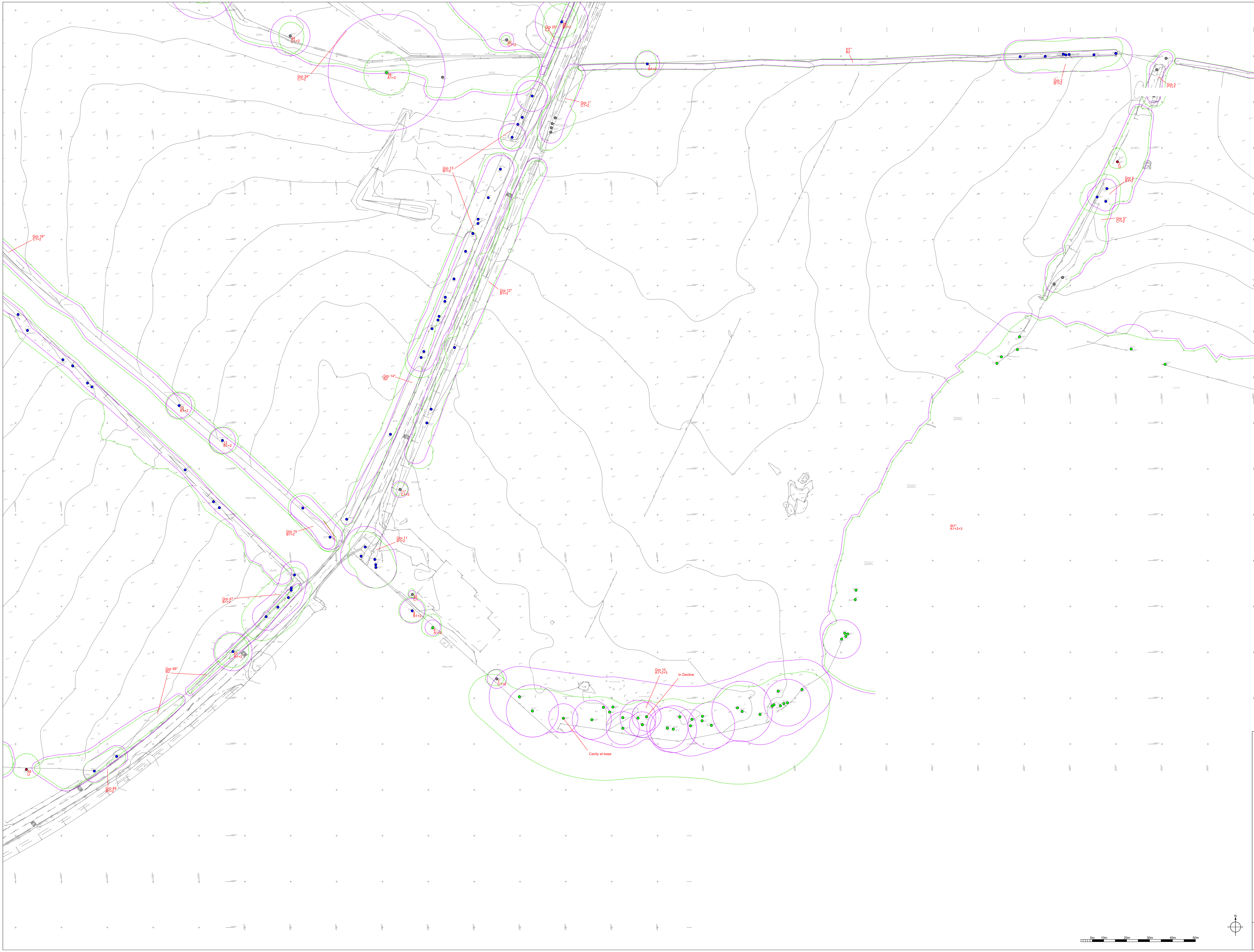
DATE JULY 2023

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

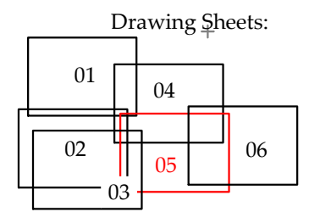
CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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

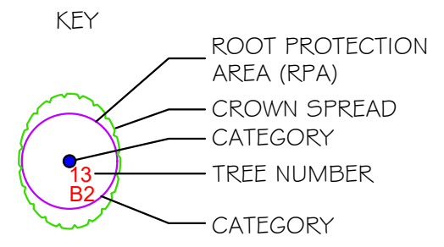
TREE PRESERVATION ORDER / CONSERVATION AREA STATUS:
CBA Trees has not been instructed to ascertain whether there are any legal restrictions covering trees on site. It is advised to seek written confirmation from the Local Planning Authority prior to undertaking any tree works.


Grp 34*
C1+2
A1+2
B1+2
C1+2
Grp 29
B1+2
H1*
B2
Grp 2
B1+2
Grp 3
C1+2
B1+2
Grp 1*
C1+2
Grp 13
B1+2
Grp 4
B1+2
Grp 5*
C1+2
U
Grp 16*
C1+2
Grp 12*
B1+2
Grp 14*
B2
B1+2
B1+2
W1*
A1+2+3
C1+2
W1*
A1+2+3
Grp 15
B1+2
Grp 11
B1+2
Grp 47
B1+2
B1+2
A1+2
Grp 48*
B2
C1+2
Grp 10
A1+2+3
In Decline
Cavity at base
Grp 49
B1+2
U
5m
10m
20m
30m
40m
50m
N
W
E
S

Drawing Sheets:


01
04
02
05
06
03

KEY


ROOT PROTECTION AREA (RPA)
CROWN SPREAD
CATEGORY
13
TREE NUMBER
B2
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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE 1:500@A0

DRAWN DB

DATE JULY 2023

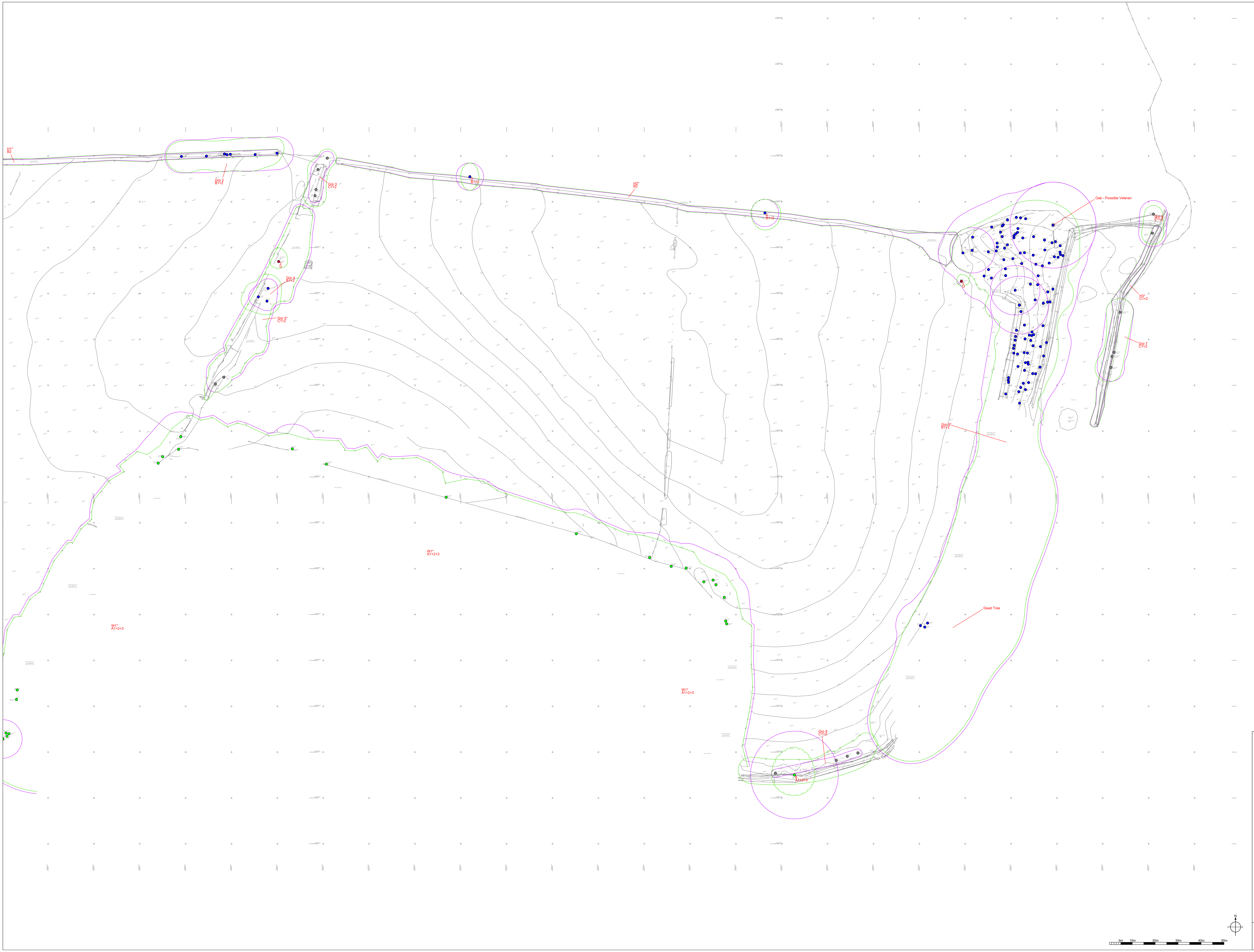
THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

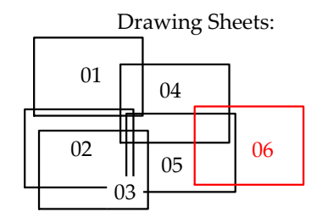
CBA Trees.

Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.


H1*
B2
Grp 2
B1+2
Grp 3
C1+2
3
B1+2
H2*
B2
4
B1+2
Oak - Possible Veteran
Grp 6
C1+2
2
U
Grp 4
B1+2
Grp 5*
C1+2
5
U
H3*
C1+2
Grp 7
C1+2
Grp 8*
B1+2
Dead Tree
W1*
A1+2+3
W1*
A1+2+3
W1*
A1+2+3
Grp 9
C1+2
6
A1+2+3
5m
10m
20m
30m
40m
50m
N
W
E
S


Drawing Sheets:
01
04
02
05
03
06

KEY

- ROOT PROTECTION AREA (RPA)
- CROWN SPREAD
- CATEGORY
- TREE NUMBER
- CATEGORY

13
B2

- 🟢 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.
CBA11754.01A TSP

BASE PLAN DRAWING No.
ENC/290523/2786

SCALE 1:500@A0

DRAWN DB

DATE JULY 2023

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.

CB2

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 (m2)
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

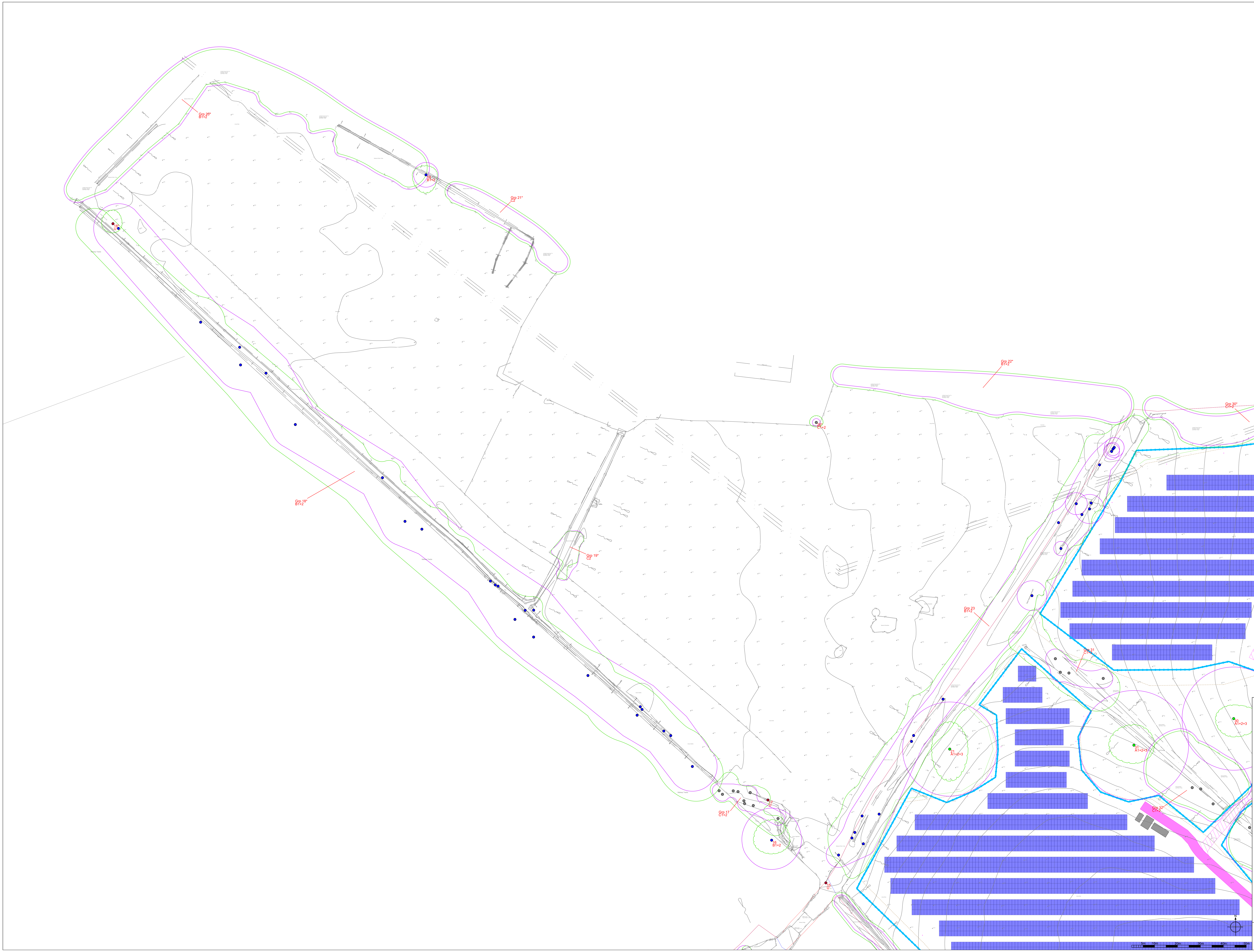
Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
Grp 34	Goat Willow White Willow Common Hawthorn	C1+2	S	400	4.8	72
Grp 35	Goat Willow Blackthorn Aspen Hawthorn	C2	S	150	1.8	10
Grp 36	Common Ash Pedunculate 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

CB3


Grp 20*
B1+2
Grp 21*
C2
19
B1+2
18*
U
Grp 18*
B1+2
Grp 19*
C2
20*
C1+2
Grp 22*
B1+2
Grp 30*
C1+2
Grp 23
B1+2
Grp 31
C1+2
Grp 17
C1+2
17
U
16
B1+2
15
U
21
A1+2+3
31
A1+2+3
30
A1+2+3
Grp 32*
C1+2
Railway Tracks
Drawing Sheets:
01
02
03
04
05
06
N
W
E
S
50m

KEY

ROOT PROTECTION AREA (RPA)
CROWN SPREAD
CATEGORY
TREE NUMBER
CATEGORY
13
B2

● CATEGORY A TREES
● CATEGORY B TREES
● CATEGORY C TREES
● CATEGORY U TREES

○ TREE/GROUPS/SECTIONS OF GROUPS TO BE REMOVED

━ LOCATION OF TREE PROTECTION BARRIER

JOB TITLE
Allington Lane
Solar Farm

DRAWING TITLE
Tree Protection Plan

CBA DRAWING No.
CBA11754.02A TPP Final

BASE PLAN DRAWING No.
SUB-8121-DRW-DES-0001-Layout Plan-v9.0

SCALE 1:500@A0

DRAWN DB & AM & NB

DATE July 2024

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.

Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.

Grp 44 C1+2
Grp 45 B1+2
Grp 43* B1+2
Grp 39* B2
Grp 40* C2
Grp 38 B1+2
Grp 42* C2
Grp 16* C1+2
Grp 46* B1+2
Grp 50* C2
Grp 51* C1+2
Grp 52* C1+2
Grp 53* C2
Drawing Sheets:
01
04
02
05
06
03
N
E
S
W
50m

KEY

ROOT PROTECTION AREA (RPA)
CROWN SPREAD
CATEGORY
TREE NUMBER
CATEGORY

13
B2

● CATEGORY A TREES
● CATEGORY B TREES
● CATEGORY C TREES
● CATEGORY U TREES

TREE/GROUPS/SECTIONS OF GROUPS TO BE REMOVED

LOCATION OF TREE PROTECTION BARRIER

JOB TITLE
Allington Lane
Solar Farm

DRAWING TITLE
Tree Protection Plan

CBA DRAWING No.
CBA11754.02A TPP Final

BASE PLAN DRAWING No.
SUB-8121-DRW-DES-0001-Layout Plan-v9.0

SCALE 1:500@A0

DRAWN DB & AM & NB

DATE July 2024

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.

Drawing Sheets:
01
02
03
04
05
06
N
W
E
S
5m
10m
20m
30m
40m
50m

KEY

- ROOT PROTECTION AREA (RPA)
- CROWN SPREAD
- CATEGORY
- TREE NUMBER
- CATEGORY

13
B2

🟢	CATEGORY A TREES
🔵	CATEGORY B TREES
●	CATEGORY C TREES
🔴	CATEGORY U TREES
○	TREE/GROUPS/SECTIONS OF GROUPS TO BE REMOVED
━	LOCATION OF TREE PROTECTION BARRIER

JOB TITLE
Allington Lane
Solar Farm

DRAWING TITLE
Tree Protection Plan

CBA DRAWING No.
CBA11754.02A TPP Final

BASE PLAN DRAWING No.
SUB-8121-DRW-DES-0001-Layout Plan-v9.0

SCALE 1:500@A0

DRAWN DB & AM & NB

DATE July 2024

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.

Grp 30*
C1+2
Grp 31
C1+2
29
U
30
A1+2+3
31
A1+2+3
Grp 32*
C1+2
Grp 33*
C1+2
25
C1+2
33
C1+2
32
A1+2
34
C1+2
Grp 34*
C1+2
35
A1+2
Stump
28
A1+2+3
Grp 29*
B1+2
24*
U
23*
U
Grp 24*
C1+2
Grp 28*
C1+2
Grp 27*
B1+2
Grp 26*
C1+2
27
B1+2
Grp 25*
C2
26
B1+2
22
C1+2
1
B1+2
Grp 1*
C1+2
Grp 13
B1+2
Grp 12*
B1+2
Grp 16*
C1+2
Grp 46*
B1+2
H1*
B2
Grp 2
B1+2
Grp 3
C1+2
2
U
Grp 4
B1+2
Grp 5*
C1+2
5m
10m
20m
30m
40m
50m
N
E
S
W
Drawing Sheets:
01
02
03
04
05
06

KEY

- ROOT PROTECTION AREA (RPA)
- CROWN SPREAD
- CATEGORY
- TREE NUMBER
- CATEGORY

13
B2

● CATEGORY A TREES
● CATEGORY B TREES
● CATEGORY C TREES
● CATEGORY U TREES

TREE/GROUPS/SECTIONS OF GROUPS TO BE REMOVED

LOCATION OF TREE PROTECTION BARRIER

JOB TITLE
Allington Lane
Solar Farm

DRAWING TITLE
Tree Protection Plan

CBA DRAWING No.
CBA11754.02A TPP Final

BASE PLAN DRAWING No.
SUB-8121-DRW-DES-0001-Layout Plan-v9.0

SCALE 1:500@A0

DRAWN DB & AM & NB

DATE July 2024

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.

34
C1+2
Grp 34*
C1+2
35
A1+2
22
C1+2
Grp 25*
C2
26
B1+2
1
B1+2
H1*
B2
Grp 1*
C1+2
Grp 2
B1+2
Grp 3
C1+2
3
B1+2
2
U
Grp 4
B1+2
Grp 5*
C1+2
Grp 13
B1+2
Grp 16*
C1+2
Grp 12*
B1+2
Grp 14*
B2
13
B1+2
12
B1+2
11*
C1+2
Grp 15
B1+2
Grp 11
B1+2
10
C1
9
B1+2
8
A1+2
7
C1+2
Grp 47
B1+2
47
B1+2
Grp 48*
B2
48
U
Grp 49
B1+2
Railway Tracks
Grp 10
A1+2+3
In Decline
Cavity at base
W1*
A1+2+3
W1*
A1+2+3
Drawing Sheets:
01
04
02
05
06
03
N
W
E
S
5m
10m
20m
30m
40m
50m

KEY

- ROOT PROTECTION AREA (RPA)
- CROWN SPREAD
- CATEGORY
- TREE NUMBER
- CATEGORY

13
B2

● CATEGORY A TREES
● CATEGORY B TREES
● CATEGORY C TREES
● CATEGORY U TREES

○ TREE/GROUPS/SECTIONS OF GROUPS TO BE REMOVED

━ LOCATION OF TREE PROTECTION BARRIER

JOB TITLE
Allington Lane
Solar Farm

DRAWING TITLE
Tree Protection Plan

CBA DRAWING No.
CBA11754.02A TPP Final

BASE PLAN DRAWING No.
SUB-8121-DRW-DES-0001-Layout Plan-v9.0

SCALE 1:500@A0

DRAWN DB & AM & NB

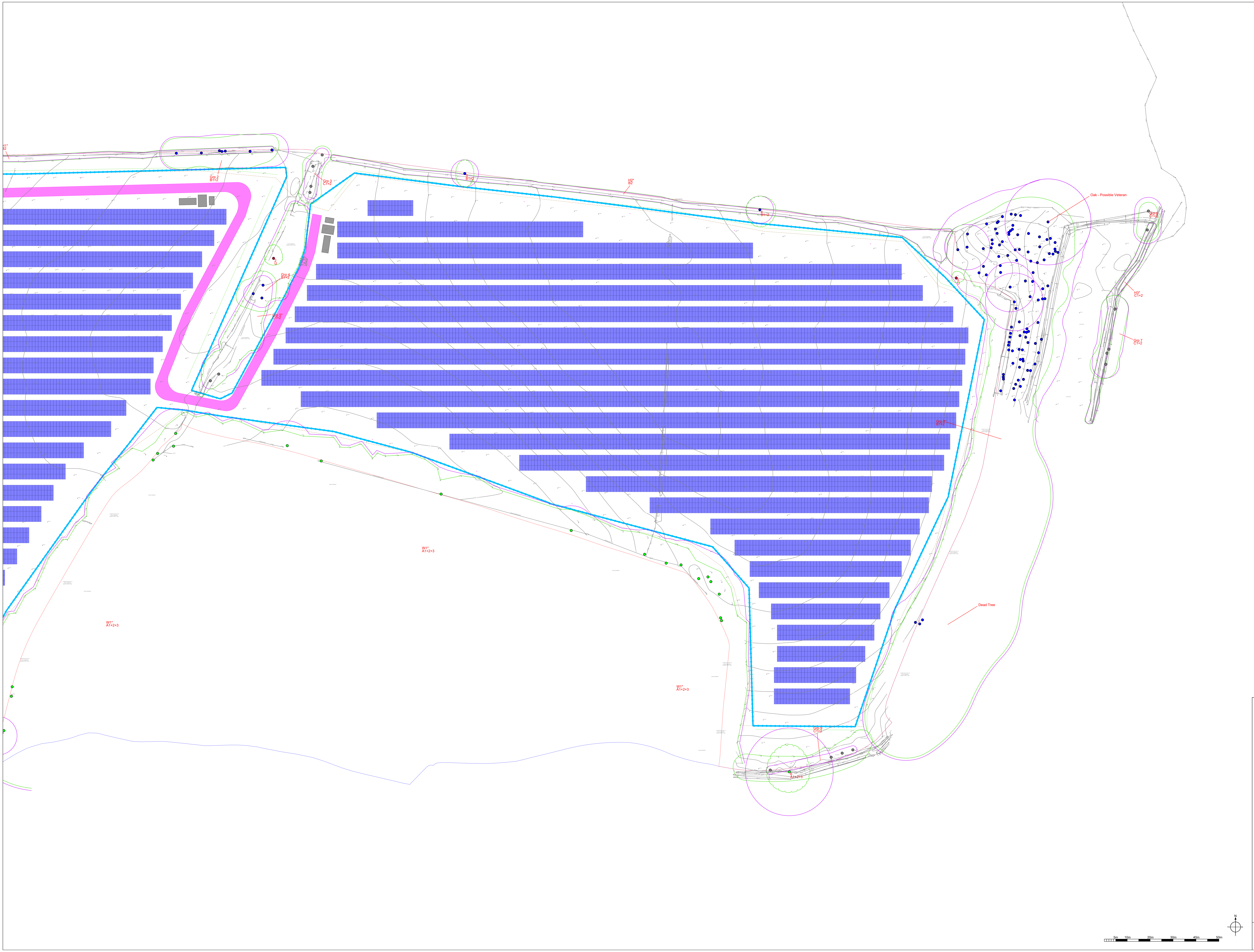
DATE July 2024

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.
Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.


H1*
B2
Grp 2
B1+2
Grp 3
C1+2
3
B1+2
H2*
B2
4
B1+2
Oak - Possible Veteran
Grp 6
C1+2
2
U
Grp 4
B1+2
Grp 5*
C1+2
5
U
H3*
C1+2
Grp 7
C1+2
Grp 8*
B1+2
W1*
A1+2+3
W1*
A1+2+3
W1*
A1+2+3
Dead Tree
Grp 9
C1+2
6
A1+2+3
5m
10m
20m
30m
40m
50m
N
W
E
S
Drawing Sheets:
01
04
02
05
03
06

KEY

- ROOT PROTECTION AREA (RPA)
- CROWN SPREAD
- CATEGORY
- TREE NUMBER
- CATEGORY

13
B2

- 🟩 CATEGORY A TREES
- 🟦 CATEGORY B TREES
- ● CATEGORY C TREES
- 🟥 CATEGORY U TREES

○ TREE/GROUPS/SECTIONS OF GROUPS TO BE REMOVED

▬ LOCATION OF TREE PROTECTION BARRIER

JOB TITLE
Allington Lane
Solar Farm

DRAWING TITLE
Tree Protection Plan

CBA DRAWING No.
CBA11754.02A TPP Final

BASE PLAN DRAWING No.
SUB-8121-DRW-DES-0001-Layout Plan-v9.0

SCALE 1:500@A0

DRAWN DB & AM & NB

DATE July 2024

THIS DRAWING IS COPYRIGHT OF CBA Trees. AND SHOULD NOT BE REPRODUCED WITHOUT PERMISSION. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

CBA Trees.

Chesil House, Arrow Close, Boyatt Wood, SO50 4SY
Tel: 02380 986229

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.

CB4

TREE WORKS SCHEDULE

Site:	Allington Lane Solar Farm, Allington Lane, Fair Oak		
Date:	June 2024	**Consultant:**	Stefan Rose *BSc(Hons), TechCert (Arbor A), TechArbor.A*

Tree No.	Species	Recommended Works
1	Pedunculate Oak *Quercus robur*	• None required for planning
2	Common Ash *Fraxinus excelsior*	• None required for planning
3	Pedunculate Oak *Quercus robur*	• None required for planning
4	Pedunculate Oak *Quercus robur*	• None required for planning
5	Common Hawthorn *Crataegus monogyna*	• None required for planning
6	Pedunculate Oak *Quercus robur*	• None required for planning
7	Pedunculate Oak *Quercus robur*	• None required for planning
8	Silver Birch *Betula pendula*	• None required for planning
9	Pedunculate Oak *Quercus robur*	• None required for planning
10	Goat Willow *Salix caprea*	• None required for planning
11	Common Hawthorn *Crataegus monogyna*	• None required for planning
12	Pedunculate Oak *Quercus robur*	• None required for planning
13	Pedunculate Oak *Quercus robur*	• None required for planning
14	Goat Willow *Salix caprea*	• None required for planning
15	Pedunculate Oak *Quercus robur*	• None required for planning
16	Pedunculate Oak *Quercus robur*	• None required for planning
17	Silver Birch *Betula pendula*	• None required for planning
18	Common Ash *Fraxinus excelsior*	• None required for planning

Tree No.	Species	Recommended Works
19	Pedunculate Oak *Quercus robur*	• None required for planning
20	Goat Willow *Salix caprea*	• None required for planning
21	Pedunculate Oak *Quercus robur*	• None required for planning
22	Common Hawthorn *Crataegus monogyna*	• None required for planning
23	Hawthorn *Crataegus spp*	• None required for planning
24	Hawthorn *Crataegus spp*	• None required for planning
25	Hawthorn *Crataegus spp*	• None required for planning
26	Pedunculate Oak *Quercus robur*	• None required for planning
27	Pedunculate Oak *Quercus robur*	• None required for planning
28	Pedunculate Oak *Quercus robur*	• None required for planning
29	Common Hawthorn *Crataegus monogyna*	• None required for planning
30	Pedunculate Oak *Quercus robur*	• None required for planning
31	Pedunculate Oak *Quercus robur*	• None required for planning
32	Pedunculate Oak *Quercus robur*	• None required for planning
33	Pedunculate Oak *Quercus robur*	• None required for planning
34	Pedunculate Oak *Quercus robur*	• None required for planning
35	Pedunculate Oak *Quercus robur*	• None required for planning
36	Pedunculate Oak *Quercus robur*	• None required for planning
37	Pedunculate Oak *Quercus robur*	• None required for planning
38	Pedunculate Oak *Quercus robur*	• None required for planning
39	Pedunculate Oak *Quercus robur*	• None required for planning
40	Pedunculate Oak *Quercus robur*	• None required for planning

Tree No.	Species	Recommended Works
41	Goat Willow *Salix caprea*	- Fell to ground level and remove stump
42	Blackthorn *Prunus spinosa*	- Fell to ground level and remove stump
43	Goat Willow *Salix caprea*	- Fell to ground level and remove stump
44	Common Hawthorn *Crataegus monogyna*	- Fell to ground level and remove stump
45	Goat Willow *Salix caprea*	- None required for planning
46	Pedunculate Oak x2 *Quercus robur*	- None required for planning
47	Pedunculate Oak *Quercus robur*	- None required for planning
48	Pedunculate Oak *Quercus robur*	- None required for planning
49	Pedunculate Oak *Quercus robur*	- None required for planning
50	Common Ash *Fraxinus excelsior*	- None required for planning
51	Pedunculate Oak Field Maple	- None required for planning
52	Common Hawthorn *Crataegus monogyna*	- Fell to ground level and remove stump
53	Blackthorn *Prunus spinosa*	- Fell to ground level and remove stump
54	Goat Willow *Salix caprea*	- None required for planning
Grp 1	Goat Willow Hawthorn Blackthorn	- Prune section of crown as shown on Tree Protection Plan CBA11754.02 TPP
Grp 2	Pedunculate Oak Common Ash	- None required for planning
Grp 3	Common Ash	- None required for planning
Grp 4	Pedunculate Oak x2 Common Ash x1	- None required for planning
Grp 5	Blackthorn Hawthorn Field Maple	- None required for planning
Grp 6	Goat Willow Common Alder Pedunculate Oak	- None required for planning
Grp 7	Common Alder Poplar	- None required for planning

Tree No.	Species	Recommended Works
Grp 8	Common Ash Pedunculate Oak Common Alder Silver Birch Common Hazel Common Hawthorn Field Maple	• None required for planning
Grp 9	Common Ash Blackthorn Common Hawthorn	• None required for planning
Grp 10	Pedunculate Oak Common Ash Common Hawthorn Blackthorn	• None required for planning
Grp 11	Pedunculate Oak x5	• None required for planning
Grp 12	Pedunculate Oak Common Ash Goat Willow Blackthorn Common Hawthorn	• Prune section as shown on Tree Protection Plan CBA11754.02 TPP
Grp 13	Pedunculate Oak	• Remove understorey section as shown on Tree Protection Plan CBA11754.02 TPP
Grp 14	Common Hawthorn Blackthorn Goat Willow Pedunculate Oak Common Hazel	• None required for planning
Grp 15	Pedunculate Oak x3	• None required for planning
Grp 16	Common Hawthorn Blackthorn Goat Willow	• None required for planning
Grp 17	Silver Birch Goat Willow Common Hawthorn	• None required for planning
Grp 18	Pedunculate Oak Common Ash Silver Birch Crack Willow	• None required for planning
Grp 19	Common Hawthorn	• None required for planning
Grp 20	Goat Willow Common Hawthorn Blackthorn Pedunculate Oak Common Hazel	• None required for planning
Grp 21	Common Hawthorn Blackthorn	• None required for planning
Grp 22	Goat Willow Common Hawthorn Blackthorn	• None required for planning
Grp 23	Pedunculate Oak Goat Willow Common Hawthorn Common Hazel Field Maple	• None required for planning

Tree No.	Species	Recommended Works
Grp 24	Common Hawthorn x2	• None required for planning
Grp 25	Goat Willow Common Hawthorn Blackthorn	• None required for planning
Grp 26	Common Hawthorn Blackthorn Field Maple	• None required for planning
Grp 27	Pedunculate Oak	• None required for planning
Grp 28	Goat Willow	• None required for planning
Grp 29	Weeping Willow Pedunculate Oak Silver Birch Wild Cherry Common Hawthorn Goat Willow	• None required for planning
Grp 30	Blackthorn	• None required for planning
Grp 31	Goat Willow White Willow	• None required for planning
Grp 32	Goat Willow White Willow	• None required for planning
Grp 33	Goat Willow White Crack Willow	• None required for planning
Grp 34	Goat Willow White Willow Common Hawthorn	• None required for planning
Grp 35	Goat Willow Blackthorn Aspen Hawthorn	• Remove section as shown on Tree Protection Plan CBA11754.02 TPP
Grp 36	Common Ash Pedunculate Oak Blackthorn Common Hazel	• None required for planning
Grp 37	Goat Willow Common Hazel	• None required for planning
Grp 38	Goat Willow Common Hawthorn Blackthorn Common Alder Field Maple Common Hazel	• None required for planning
Grp 39	Goat Willow Common Hazel Blackthorn	• None required for planning
Grp 40	Blackthorn	• Fell to ground level and remove stumps
Grp 41	Blackthorn	• Fell to ground level and remove stumps

Tree No.	Species	Recommended Works
Grp 42	Common Hawthorn Goat Willow Blackthorn	• None required for planning
Grp 43	Pedunculate Oak Field Maple Wild Cherry Common Hazel Hybrid Black Poplar	• None required for planning
Grp 44	Goat Willow Common Hawthorn Wild Cherry Pedunculate Oak	• None required for planning
Grp 45	Pedunculate Oak x6	• None required for planning
Grp 46	Common Hawthorn Goat Willow Pedunculate Oak Common Alder Common Hazel	• None required for planning
Grp 47	Pedunculate Oak Common Ash	• None required for planning
Grp 48	Common Hawthorn Goat Willow Blackthorn	• None required for planning
Grp 49	Pedunculate Oak x 2	• None required for planning
Grp 50	Blackthorn Hawthorn	• None required for planning
Grp 51	Common Hawthorn	• None required for planning
Grp 52	Lawson Cypress Purple Beech Common Beech Leyland Cypress	• None required for planning
Grp 53	Goat Willow Silver Birch Common Ash Common Hawthorn Sycamore	• None required for planning
Grp 54	Hybrid Black Poplar Common Ash Pedunculate Oak	• None required for planning
Grp 55	Common Hazel Goat Willow Field Maple Common Hawthorn Pedunculate Oak	• None required for planning
Grp 56	Goat Willow Pedunculate Oak	• None required for planning
Grp 57	Common Ash Norway Maple	• None required for planning
Grp 58	Pedunculate Oak Goat Willow Common Ash	• None required for planning

Tree No.	Species	Recommended Works
Grp 59	Common Hawthorn Blackthorn	• Fell to ground level and remove stumps
Grp 60	Common Ash Pedunculate Oak Goat Willow Blackthorn Common Hawthorn	• None required for planning
Grp 61	Goat Willow	• None required for planning
Grp 62	Common Ash Pedunculate Oak Goat Willow	• None required for planning
Grp 63	Pedunculate Oak Field Maple Blackthorn Goat Willow Common Hawthorn	• None required for planning
Grp 64	Goat Willow	• None required for planning
H1	Goat Willow Dog Rose Hawthorn Blackthorn Common Ash	• None required for planning
H2	Goat Willow Dog Rose Hawthorn Blackthorn Common Ash	• None required for planning
H3	Hawthorn Blackthorn	• None required for planning
H4	Blackthorn	• None required for planning
W1	Common Ash Pedunculate Oak Common Hawthorn Blackthorn Common Hazel	• None required for Planning

- It is advised that all remedial tree works such as pruning is carried out between July and September or November and February. Tree works should also avoid the season for nesting birds.

- All tree works should be carried out in accordance with current best practice guidelines and BS3998: 2010 – Tree Works. Only natural target pruning method to be used.

- We recommend the use of an Arboricultural Association Approved Contractor or an ISA Certified Arborist/Tree Worker suitably insured and experienced to carry out the tree work.

CB5

CBA Trees

SUMMARY OF

TREE PROTECTION MEASURES

Introduction

This leaflet shall be issued to all site personnel as part of their induction briefing.

It describes in summary form, the precautions that site personnel shall at all times follow, to ensure that the existing trees on the site come to no harm.

The precautions described are neither arbitrary nor reducible and must be adhered to in full.

These precautions are necessary because unprotected trees are very vulnerable to damage during demolition and construction works.

Furthermore, many of the trees on the site are under LEGAL PROTECTION and damaging them can result in heavy fines.

Two common misconceptions about trees:

MYTH: Trees have deep taproots and so shallow excavations will not harm the tree.
FACT: 90% of all tree's roots are found in the top 600mm of soil; all excavations near to trees are likely to cause root damage which can kill the tree.
MYTH: Trees will quickly heal over any bark wound, with no ill effect.
FACT: Bark wounds take years to heal and larger ones never do; missing bark can lead to disease and even the death of the tree.

Tree Protection

All trees adjacent to unsupervised work areas have been protected by fencing.

This fencing must be respected at all times and no attempts shall be made to damage, bypass or ignore it.

In areas designated for supervised working, no works shall be undertaken without the supervisor being present or without him/her issuing a "carry on" chit.

Prohibitions Adjacent to Trees

Inside the exclusion area of the tree protection, the following prohibitions shall apply.

- No digging or scraping
- No storage of plant or materials
- No vehicular access
- No fire lighting
- No handling, discharge or spillage or any chemical substance
- No water-logging

In addition to the above, further precautions shall be taken near to trees.

- A 10m separation distance shall be observed between trees and any substance injurious to their health, including fuels, oil, bitumen, cement (including washings) builders' sand, concrete mixing and other chemicals.

- No fire shall be lit such that flames come within 5m of any foliage; this shall be taken to mean a fire separation distance to the leaves of 20m.

Avoiding Damage to Stem and Branches

Care shall be taken when planning site operations to ensure that wide or tall loads or plant with booms, jibs and counterweights, can operate without coming into contact with trees.

Consequently, any transit or traverse of plant in proximity to trees shall be conducted under the supervision of a spotter to ensure that adequate clearance is at all times maintained.

In some circumstances, it may be impossible to achieve this, necessitating the pruning of the tree.

If this is necessary, a specialist team shall be called in following referral to the project Arboriculturist.

No tree pruning shall be undertaken by demolition or construction personnel.

Asking for Help

If you see any damage to a tree or its protective fencing, or if you need a tree pruning for plant clearance, contact **CBA Trees** as follows:

Office Telephone: 02380 986229

REMEMBER:
ALL TREE DAMAGE
IS AVOIDABLE –
SO AVOID IT!

PROTECTIVE BARRIERS.
THESE BARRIERS MUST BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND DRAWINGS FOR THIS DEVELOPMENT.

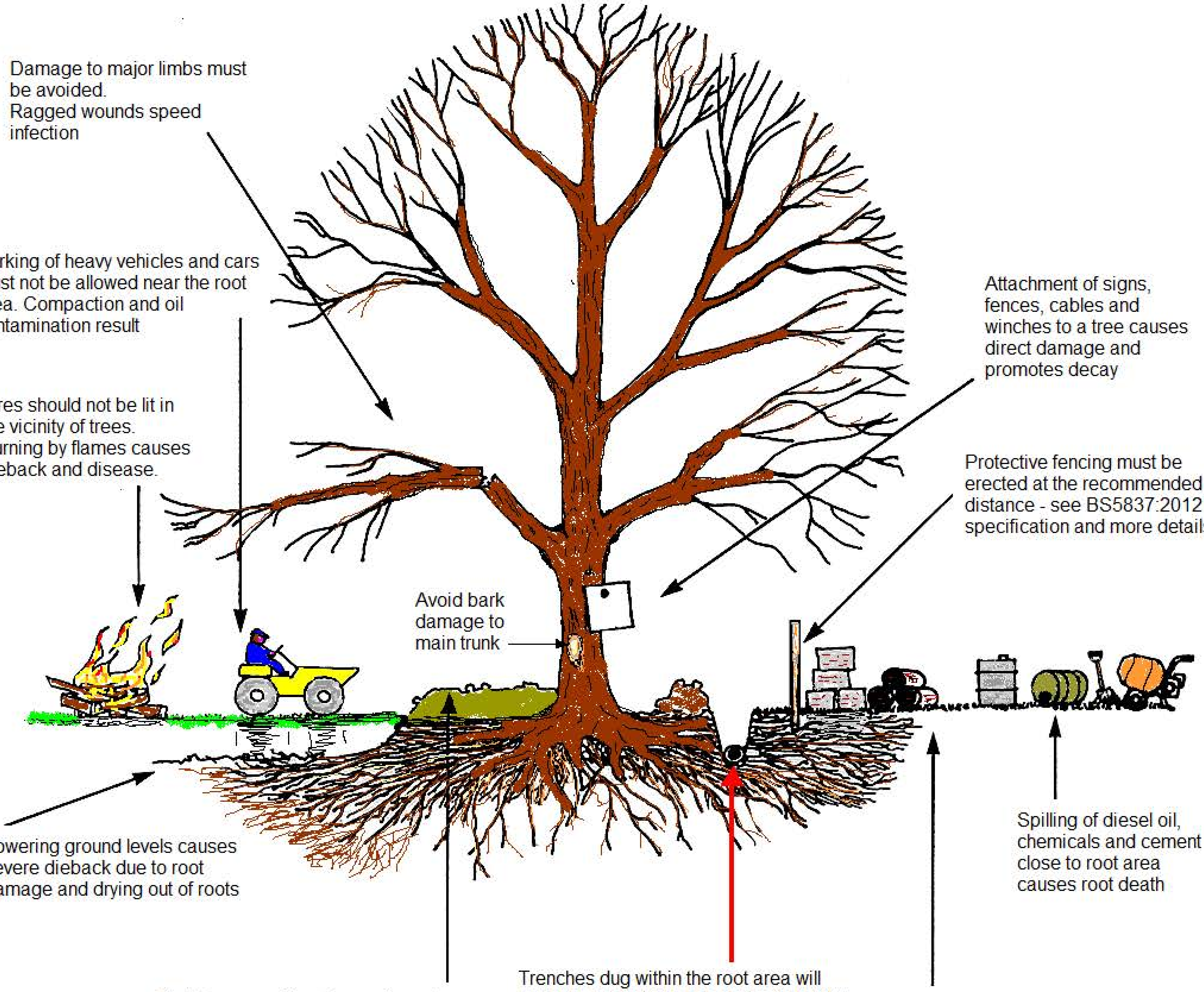
TREE PROTECTION AREA
KEEP OUT !

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

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

COMMON CAUSES OF TREE DEATH

The use of properly positioned protective barriers can prevent tree deaths occurring.



Damage to major limbs must be avoided.
Ragged wounds speed infection

Parking of heavy vehicles and cars must not be allowed near the root area. Compaction and oil contamination result

Fires should not be lit in the vicinity of trees.
Burning by flames causes dieback and disease.

Avoid bark damage to main trunk

Lowering ground levels causes severe dieback due to root damage and drying out of roots

Raising ground levels even for only a few weeks and by only several centimetres can suffocate roots, causing severe dieback

Trenches dug within the root area will sever roots and this can cause instability and crown dieback, due to root death from drying out.
Hand dig if required - do not use machinery.

Storage of materials within root area causes compaction and root suffocation

Spilling of diesel oil, chemicals and cement close to root area causes root death

Protective fencing must be erected at the recommended distance - see BS5837:2012 for specification and more details

Attachment of signs, fences, cables and winches to a tree causes direct damage and promotes decay

CB6

The Professional Arboricultural Consultancy

Qualifications of
Stefan Rose
Principal Consultant

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 Professional Tree Inspectors Certification (LANTRA), has progressed to Principal Consultant. He has considerable experience in working as a locum for Local Authorities, assessing new and extant Tree Preservation Orders, and continues to work on a number of major development projects nationwide.

As our Principal Consultant Stefan undertakes a full range of arboricultural services from health and safety audits to BS5837:2012 tree surveys, providing expert advice and guidance on initial feasibility site assessments to full scale planning applications. He is accomplished at producing implication assessments and method statements for the submission of planning applications, working with both individual home owners and within multi-disciplinary teams to achieve successful arboricultural outcomes.