



**CLEARSTONE
ENERGY**

WARLEY ENERGY HUB

Tree Constraints Plan

Prepared by Clearstone Energy and Weddles |
October 2024 | Document Reference: R014

NO	TREE SPECIES Common Name	TREE SPECIES Scientific Name	HEIGHT m	SPREAD m	DIA mm	N	CAT.	Life Stage	Life exp yrs	NOTES
T1	Oak	Quercus robur	9	15	640	N	B1	Mature	40+	Twin Stemmed at Ground Level, Some Dead Wood, Ploughed within 1m on Field Side, Oak Processionary Moth
T2	Oak	Quercus robur	6	9	350		C1	Early-Mature	20-40	
T3	Oak	Quercus robur	7	8	400		C1	Early-Mature	20-40	
T4	Oak	Quercus robur	9	7	500	N	C1	Early-Mature	10-20	Signs of Dieback, Some Dead Wood, Ploughed on Field Side
T5	Ash	Fraxinus excelsior	4	6	150		C2	Young	20-40	Decay, Some Dead Wood, Oak Processionary Moth
T6	Oak	Quercus robur	7	9	450			Early-Mature	20-40	
T7	Hawthorn	Crataegus monogyna	6	8	420	N		Early-Mature	40+	
G8	Hawthorn	Crataegus monogyna	4-6	6	150 (A)		C2	Early-Mature	40+	Multistemmed at Ground Level
G10	Hawthorn, Blackthorn	Crataegus monogyna, Prunus spinosa	5	5	200 (A)		C1	Semi-Mature	40+	
H1	Hawthorn	Crataegus monogyna	2	2-4	50-75			Semi-Mature	20-40	
H2	Hawthorn, Blackthorn	Crataegus monogyna, Prunus spinosa	4-5	3	75-150		C2	Early-Mature	20-40	With Occasional Bramble
H3	Blackthorn	Prunus spinosa	3-4	2	50 (A)		C2	Early-Mature	20-40	
H4	Blackthorn, Dog Rose, Bramble	Prunus spinosa, Rosa canina, Rubus fruticosus	1	1			C2	Young	20-40	
H5	Hawthorn, Blackthorn	Crataegus monogyna, Prunus spinosa	5-6	5-6			C1	Early-Mature	20-40	Grown out
W1	Hawthorn, Alder, Goat Willow, Blackthorn	Crataegus monogyna, Alnus glutinosa, Salix caprea, Prunus spinosa	4-6		100-200 (A)		C2	Semi-Mature	20-40	
W2	Hawthorn, Blackthorn, Dog Rose, Elder	Crataegus monogyna, Prunus spinosa, Rosa canina, Sambucus nigra	2-6		100-200 (A)		C3	Young	40+	

Tree Survey to BS5837:2012

KEY	COLOUR	QUALITY	DESCRIPTION
	GREEN	A: HIGH retention most desirable	Vigorous healthy good form, visually important, historic or rare
	BLUE	B: MODERATE retention desirable	Slightly impaired condition, numerous immature, 'A' potential
	GREY	C: LOW could be retained	Adequate condition requiring minimal surgery
	RED	U: FELL Unsuitable for retention	Dead dying, dangerous insecure rooting, significant fungal disease
	GREEN	SHRUBS	

Sub-Category:

- 1 ARBORICULTURAL
- 2 LANDSCAPE
- 3 CULTURAL/CONSERVATION

In accordance with BS5837:2012 'Trees in relation to design, demolition and construction', offsite trees within a distance equal to 12x stem diameter from boundary should be surveyed. In accordance with good working practice, all trees within 12m of the site boundary have been surveyed.

The original of this drawing is produced in colour - a monochrome copy should not be relied upon.

LIMITATION OF THIS SURVEY
This survey records amenity quality and desirability of tree retention in relation to proposed construction by visual inspection from ground level where accessible.

It does not constitute a Tree Inspection or detailed report on condition.

Tree heights and spread approximate. The diameter of single stem trees is taken at 1.5m above ground level. For the diameter of multistemmed trees, each multistem is measured at 1.5m above ground level and calculated to give a notional diameter as if all multistems were fused into one stem.

The branch spread is an accurate representation of the crown as clause 4.4.2.5 (e)

Tree inspections should take place annually in September/October when trees are in leaf.

Tree positions are based on topographic survey drawing number BS3929/10.23/01/M.K produced by Benchmark Surveys dated October 2023.

Tree Constraints

	ROOT PROTECTION AREA (RPA) Area equivalent to circle of radius 12 x stem diameter at 1.5m
-------------	---

