



LIZARD

Landscape Design and Ecology

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ECE PLANNING

LAND ADJACENT TO PUCKS CROFT COTTAGE, RUSPER, WEST SUSSEX

EXISTING TREE SCHEDULE

Project Reference:	LLD3245
Prepared By:	BW
Checked By:	GO
Position:	Assistant Arb Consultant
Date	17.06.25
Revision:	01

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 01	<i>Pinus sp.</i> (Pine); (6.0m Radius of nominal circle; RPA 113m²)	500 mm (Estimated)	21.0 m Clear Stem Height 8.0 m	N: 6.0 m E: 5.0 m S: 4.0 m W: 4.0 m	Mature Estimated Remaining Contribution 20 + Years	Growing in an adjacent driveway. The tree is tall and relatively sparse.	B 1	Retain
T 02	<i>Juglans regia</i> (English Walnut); (6.0m Radius of nominal circle; RPA 113m²)	500 mm CSD	10.0 m Clear Stem Height	N: 5.0 m E: 5.0 m S: 6.0 m	Early Mature Estimated Remaining Contribution	Growing in an adjacent driveway and hanging over the site. The tree divides to codominant leaders at 1.0 m height. The tree displays an uneven canopy with several cavities to the main stem.	C 1	Retain
SH 03	Mixed Species Ornamental Hedgerow; (1.2m Radius of nominal circle; RPA 5m²)	100 mm Average	7.0 m Clear Stem Height 2.0 m	N: \s Show E: 0.0 m S: 0.0 m W: 0.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Ornamental shrubs growing in the adjacent property. The vegetation forms a dense hedge growing above the boundary fence, providing screening. Normal vitality.	C 2	Retain
H 04	Mixed Species Native Hedgerow; (2.4m Radius of nominal circle; RPA 18m²)	200 mm Average	9.0 m Clear Stem Height 2.0 m	N: \s Show E: 0.0 m S: 0.0 m W: 0.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A dense hedge or treeline growing partly in the site and partly on the adjacent property. Inspection was limited by the fence and surrounding scrub, but the trees form a prominent feature, providing screening and habitat. Normal vitality.	C 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 05	<i>Malus sp.</i> (Apple sp.) (3.6m Radius of nominal circle; RPA 41m²)	293 mm	8.0 m Clear Stem Height 2.5 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 10 + Years	A garden tree of fair form and vigour but still relatively insignificant. The top growth is strongest to the south. Normal vitality.	C 1	Remove
T 06	<i>Laurus nobilis</i> (Bay Laurel); (4.5m Radius of nominal circle; RPA 64m²)	375 mm CSD	8.0 m Clear Stem Height 0.0 m	N: 3.0 m E: 3.0 m S: 2.5 m W: 4.0 m	Mature Estimated Remaining Contribution 10 + Years	A garden tree formed of a clump of stems from the base. The stems ascend to form a dense, rounded crown at the apex. Minor internal deadwood is noted. The tree offers ornamental value only. Normal vitality.	C 1	Remove
TG 07	<i>Quercus robur</i> (Pedunculate Oak); (7.2m Radius of nominal circle; RPA 163m²)	600 mm (Estimated)	21.0 m Clear Stem Height 4.0 m	N: 6.0 m E: 6.0 m S: 7.0 m W: 7.0 m	Early Mature Estimated Remaining Contribution 40 + Years	Off site trees. A mature Oaktree line growing off-site - no access was available. The trees appear in good condition. Normal vitality.	A 2	Retain
H08	Mixed Species Native Hedgerow; (0.9m Radius of nominal circle; RPA 3m²)	50 mm Average	3.0 m Clear Stem Height 0.5 m	N: 0.5 m E: 0.5 m S: 0.5 m W: 0.5 m	Young Estimated Remaining Contribution 10 + Years	A cypress hedge just over the adjacent boundary. The trees are at approximately 1.0 m spacings. Also within the hedgerow are self seeded Oaks, Ash, Hawthorn, privet and bramble. Normal vitality.	C 1	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 09	<i>Eucalyptus sp.</i> (Eucalyptus Gum Tree) (2.4m Radius of nominal circle; RPA 18m²)	188 mm	15.0 m Clear Stem Height 8.0 m	N: 3.0 m E: 1.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A garden tree growing just inside the adjacent site. The tree displays a very high crown and divides to codominant leaders at 7.0 m height. The tree leans over the boundary into the site. Normal vitality.	C 1	Retain
T 10	<i>Eucalyptus sp.</i> (Eucalyptus Gum Tree); (2.7m Radius of nominal circle; RPA 23m²)	210 mm	16.0 m Clear Stem Height 2.0 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Growing just inside the adjacent garden. The tree is of good, even form with a feathered crown. Normal vitality.	C 1	Retain
T 11	<i>Quercus robur</i> (Pedunculate Oak); (5.4m Radius of nominal circle; RPA 92m²)	450 mm (Estimated)	17.0 m Clear Stem Height 3.0 m	N: 6.0 m E: 6.0 m S: 5.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	The northern end of a treeline growing just outside of the site. The tree is of fair form, displaying heavy ivy cover and minor deadwood. The tree is slightly sparser than adjacent trees. Normal vitality.	B 1	Retain
TG 12	Mixed Species Native Tree Group; (7.8m Radius of nominal circle; RPA 191m²)	650 mm Average	21.0 m Clear Stem Height 4.0 m	N: 8.0 m E: 8.0 m S: 8.0 m W: 8.0 m	Mature Estimated Remaining Contribution 40 + Years	A mature treeline of oaks interspersed with several ash trees, and a Lime tree. The trees appear of good general form, with several displaying typical ivy and deadwood. The trees are just outside of the site. Potential roosting features throughout the crowns. Normal vitality.	A 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TG 13	<i>Pinus sylvestris</i> (Scot's Pine) (4.5m Radius of nominal circle; RPA 64m²)	376 mm Average	23.0 m Clear Stem Height 12.0 m	N: 3.0 m E: 3.0 m S: 3.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 20 + Years	A group of narrow, upright trees growing on the edge of woodland, separated from the woodland proper by a footpath. The trees display fair form, with lower deadwood noted. Normal vitality.	B 2	Retain
TG 14	<i>Prunus sp.</i> (Cherry sp.); (3.0m Radius of nominal circle; RPA 28m²)	248 mm Average	20.0 m Clear Stem Height 6.0 m	N: 3.0 m E: 4.0 m S: 4.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A clump of woodland edge trees, separated from the woodland proper by a footpath, with several failed trees noted. One of which has a fungal bracket on standing deadwood - Chicken of the woods. Potential roosting features throughout. The trees display narrow forms with small high crowns, typical of suppressed woodland trees. Reduced vitality.	C 2/3	Retain
TG 15	<i>Aesculus hippocastanum</i> (Horse Chestnut); (7.5m Radius of nominal circle; RPA 177m²)	618 mm Average	19.0 m Clear Stem Height 2.0 m	N: 6.0 m E: 7.0 m S: 7.0 m W: 6.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Growing on the footpath to the edge of the woodland. The trees are generally of good form; the western tree displays a slight stem-twist (as typical for the species) and divides to multiple leaders at 4.0 m height, holding minor deadwood in the crown. The eastern tree displays a slight bleed from the stem at 1.8 m height. Normal vitality.	B 1	Retain

<i>Tree No.</i>	<i>Species</i>	<i>Diameter @1.5m</i>	<i>Height (approx.)</i>	<i>Spread (approx.)</i>	<i>Age</i>	<i>Condition/Preliminary Recommendations</i>	<i>Category</i>	<i>Status</i>
T 16	<i>Aesculus hippocastanum</i> (Horse Chestnut); (8.4m Radius of nominal circle; RPA 222m²)	691 mm	18.0 m Clear Stem Height 3.0 m	N: 7.0 m E: 6.0 m S: 6.0 m W: 7.0 m	Early Mature Estimated Remaining Contribution 10 + Years	Growing on the footpath to the edge of the woodland. Major damage is noted to the stem resulting in a wound of 30cm(w) by 90cm (h) at the base. The wound is decayed and the stem sounds hollow from the base to 1.5 m height. The main trunk divides to multiple stems at 4.0. m height and the crown holds moderate deadwood. Reduced vitality. Recommendation: If the tree is within ownership, undertake more detailed analysis of the internal decay of the stem, and consult a tree surgeon to discuss potential reduction or removal. If outside of ownership inform owners.	C 1	Retain
T 17	<i>Quercus robur</i> (Pedunculate Oak) (15m Radius of nominal circle; RPA 707m²)	1346 mm	20.0 m Clear Stem Height 3.0 m	N: 8.0 m E: 9.0 m S: 9.0 m W: 9.0 m	Mature Estimated Remaining Contribution 40 + Years	Growing on the edge of the footbridge. A mature tree, displaying ivy growth and typical moderate deadwood. The crown is broad, even and vigorous. The tree is an old feature of the site area. A birds nest at 6m in the centre of the crown. Normal vitality.	A 1/2/3	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
SH 18	Native Shrubs and Scrub; (2.7m Radius of nominal circle; RPA 23m ²)	212 mm Average	6.0 m Clear Stem Height 0.0 m	N: 3.0 m E: 3.0 m S: 3.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Old hedge remanent shrubs, now small trees of poor form and covered in heavy ivy. The vegetation currently offers little value, but could be improved and a hedge re-established here. Normal vitality.	C 2/3	Retain
T 19	<i>Fraxinus excelsior</i> (Ash); (7.8m Radius of nominal circle; RPA 191m ²)	650 mm	20.0 m Clear Stem Height 2.0 m	N: 6.0 m E: 8.0 m S: 7.0 m W: 9.0 m	Mature Estimated Remaining Contribution 20 + Years	The tree displays a broad crown, with 3no. Primary scaffolds dividing at 7.0 m height. Major deadwood and ivy growth are present, however the tree still displays fair vigour. Normal vitality.	B 1	Retain
H 20	Hedgerows and Shrubs; (1.2m Radius of nominal circle; RPA 5m ²)	100 mm Average	3.0 m Clear Stem Height 0.0 m	N: \s Show E: 0.0 m S: 0.0 m W: 0.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A remnant of an ornamental hedgerow, now overgrown with low scrub and small self-seeded trees. The vegetation provides some limited screening.	C 2	Remove
H 21	Mixed Species Native Hedgerow (1.2m Radius of nominal circle; RPA 5m ²)	80 mm	1.5 m Clear Stem Height 0.0 m	N: 0.5 m E: 0.5 m S: 0.5 m W: 0.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A sparse row of mixed shrubs of different heights. Normal vitality. Remove approximately 48m of hedgerow from the the southern section, and remove 12m from the northern end.	C 2	Partial Retain / Partial Remove

CATEGORY DIVISION - BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'

Trees to be considered for retention

Category A

- Trees whose retention is most desirable to include; trees of high quality having an estimated longevity of over 40 years;

Category B

- Trees where retention is desirable to include; trees of moderate quality having an estimated longevity of over 20 years;

Category C

- Trees of low quality having an estimated longevity of over 10 year, or young trees with a stem diameter below 150mm;

1. Mainly Arboricultural Qualities

- Trees that are particularly good examples of their species, especially if rare or unusual

- Trees that might be included in the higher category, but because of significant impaired but remediable condition are downgraded

- Trees in adequate or impaired condition, or those which can be retained with minimal tree surgery, but not worthy for inclusion in the high or moderate category

2. Mainly Landscape Qualities

- Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features

- Trees present in numbers offering a higher collective categorisation than as individually rated; trees occurring in groups but due to situation, offering little contribution in the context of the wider locality

- Trees present in numbers without having significant landscape value

3. Mainly cultural values, including conservation

- Trees of significant historical, commemorative or other value, or good specimens of rare or unusual species

- Trees having some material conservation or cultural value

- Trees having no material conservation or other cultural value

Trees unsuitable for retention

Category U - Trees not for retention within the context of existing land use;

- Trees that are unviable due to serious, irremediable structural defect; early loss is expected due to collapse;
- Trees that are dead or showing signs of significant, immediate, irreversible decline;
- Trees infected with pathogens of significance to health and subsequent safety, and threat thereof to trees nearby;
- Trees of very low quality suppressing the development of those of greater quality;
- Trees that will become unviable after the removal of other trees for reasons above.

CSD – Combined Stem Diameter;

- Root Protection Areas calculated for multiple stemmed trees based upon a combined stem diameter in accordance with BS 5837:2012.