



LIZARD

Landscape Design and Ecology

The Old Bank, 34 South Street, Tarring, Worthing, West Sussex, BN14 7LH

IVON BLUMER ARCHITECTS LTD

MANOR PARK, NYETIMBER LANE, PAGHAM, BOGNOR REGIS

EXISTING TREE SCHEDULE

Project Reference:	LLD1899
Prepared By:	JH
Checked By:	GS
Position:	Project Ecologist
Date	13.02.20
Revision:	03

FEBRUARY 2020 - PLANNING ISSUE

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 01	<i>Salix sp.</i> (Willow sp.); (10.2m Radius of nominal circle; RPA 327m²)	844 mm	15.0 m Clear Stem Height 2.0 m	N: 6.5 m E: 7.0 m S: 5.5 m W: 6.0 m	Mature Estimated Remaining Contribution 20 + Years	The tree displays a slight root flare noted to western aspect. A cavity of c.30cm x 40 cm height is noted at the base to the east. Four major primary scaffolds divide off at 2.0 - 2.5m. Broad even crown with recent vigorous regrowth from pruning.	B 1	Retain
T 02	<i>Sorbus aria</i> (Common Whitebeam); (2.4m Radius of nominal circle; RPA 18m²)	181 mm	6.0 m Clear Stem Height 2.0 m	N: 3.5 m E: 4.0 m S: 2.5 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Ornamental tree with the base swollen, where an assumed graft is located. Suckers at base have been cut. Stem displays a slight lean to the east. Crown divides at 2.0 m height into 4 no. primary scaffolds.	C 1	Retain
T 03	<i>Prunus cerasifera</i> (Cherry Plum); (4.2m Radius of nominal circle; RPA 55m²)	340 mm CSD	8.5 m Clear Stem Height 0.0 m	N: 4.0 m E: 4.5 m S: 3.0 m W: 2.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Scrubby tree multistemmed from the base with minor bark inclusion to union. Basal suckers noted. Dense crown held north and east. Poor overall form.	C 1	Retain
T 04	<i>Prunus sp.</i> (Cherry sp.); (2.7m Radius of nominal circle; RPA 23m²)	204 mm	6.0 m Clear Stem Height 1.5 m	N: 3.0 m E: 3.5 m S: 0.5 m W: 1.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Damage noted to exposed root, with a 15x15cm decayed wound present at base to the west. All growth is held north and east. Vertical regrowth is noted from pruning points.	C 1	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 05	<i>Eucalyptus gunnii</i> (Cider Gum); (5.4m Radius of nominal circle; RPA 92m²)	436 mm	14.0 m Clear Stem Height 2.0 m	N: 4.5 m E: 4.0 m S: 3.0 m W: 3.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	One root is exposed and damaged for c.1.0m from the stem. The tree has an upright form and narrow crown. 1 no. sub-dominant leader divides off at 2.0m. The tree displays a slightly sparse canopy with minor deadwood noted.	C 1	Remove
T 06	<i>Eucalyptus gunnii</i> (Cider Gum) (6.9m Radius of nominal circle; RPA 150m²)	567 mm	13.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 5.0 m S: 4.5 m W: 5.0 m	Early Mature Estimated Remaining Contribution 20 + Years	The stem divides into 5 no. leaders between 2.0 - 2.5m height. Tree displays an even crown and vertical form. Minor internal deadwood noted.	B 1	Remove
T 07	<i>Eucalyptus gunnii</i> (Cider Gum); (2.1m Radius of nominal circle; RPA 14m²)	166 mm	7.0 m Clear Stem Height 1.0 m	N: 3.5 m E: 2.0 m S: 1.5 m W: 2.5 m	Young Estimated Remaining Contribution 10 + Years	Stem leans to the northern aspect over the path. Crown divides at 2.0m and is slightly sparse with minor deadwood noted.	C 1	Remove
T 08	<i>Eucalyptus gunnii</i> (Cider Gum); (5.7m Radius of nominal circle; RPA 102m²)	471 mm	15.0 m Clear Stem Height 2.5 m	N: 5.5 m E: 2.5 m S: 3.0 m W: 6.0 m	Early Mature Estimated Remaining Contribution <10 Years	Tree of vertical form with a twisting stem which divides to 3 no. leaders at 2.0 - 2.5m height. The western leader is healthy, but the southern and eastern leaders appear dead. Major pruning scars to the eastern aspect are noted.	U	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 09	<i>Eucalyptus globulus</i> (Southern Blue Gum); (0.9m Radius of nominal circle; RPA 3m²)	35 mm	3.0 m Clear Stem Height 1.5 m	N: 1.0 m E: 1.0 m S: 0.0 m W: 0.0 m	Young Estimated Remaining Contribution 10 + Years	Recently planted tree which is still staked, with no growth noted to the south or west.	C 1	Remove
T 10	<i>Crataegus monogyna</i> (Hawthorn); (1.5m Radius of nominal circle; RPA 7m²)	124 mm	3.5 m Clear Stem Height 1.5 m	N: 2.5 m E: 2.0 m S: 1.5 m W: 1.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Stem leans to the north. Crown divides at 1.5m into 3. Crown is dense and high with lower pruning scars noted to the tree.	C 1	Remove
T 11	<i>Eucalyptus globulus</i> (Southern Blue Gum); (0.9m Radius of nominal circle; RPA 3m²)	51 mm	4.0 m Clear Stem Height 1.5 m	N: 1.0 m E: 1.0 m S: 0.5 m W: 0.0 m	Young Estimated Remaining Contribution 10 + Years	Young staked tree, with most growth to the north and east. Minor dieback is present to the top of the tree.	C 1	Retain
T 12	<i>Crataegus monogyna</i> (Hawthorn) (3.0m Radius of nominal circle; RPA 28m²)	242 mm	4.0 m Clear Stem Height 1.5 m	N: 2.5 m E: 3.0 m S: 3.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Numerous cut suckers noted at base. The stem divides into 2 no. leaders at 1.5 m height, holding a broad dense crown. Pruning scars noted to lower stem.	C 1	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 13	<i>Fraxinus excelsior</i> (Ash); (7.2m Radius of nominal circle; RPA 163m²)	576 mm	16.0 m Clear Stem Height 1.5 m	N: 8.0 m E: 8.0 m S: 5.5 m W: 6.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Minor damage noted to exposed roots. 2 no. 25.0 cm length seams noted on stem between 0 - 1.0 m height to the south east. Stem divides to 2 no. dominant and 1 no. sub-dominant leaders at 2.0 m height. A 15.0 cm length cavity is noted at 1.8 m height on the eastern aspect. A 30.0 cm length cavity is present at 2.1 m height to the north east; both cavities show minor decay. The broad dense crown is held to the north and east. Moderate lower	B 1	Remove
T 14	<i>Fraxinus excelsior</i> (Ash); (4.8m Radius of nominal circle; RPA 72m²)	395 mm	14.0 m Clear Stem Height 2.0 m	N: 3.0 m E: 4.5 m S: 5.0 m W: 3.5 m	Early Mature Estimated Remaining Contribution 20 + Years	Ash displaying even form and a straight stem. Numerous lower pruning scars occluding. 1 no. moderate deadwood limb is noted at 6.0m height and minor deadwood is noted in the crown.	B 1	Retain
T 15	<i>Eucalyptus globulus</i> (Southern Blue Gum); (1.2m Radius of nominal circle; RPA 5m²)	76 mm	4.0 m Clear Stem Height 1.5 m	N: 1.0 m E: 0.5 m S: 0.5 m W: 1.0 m	Young Estimated Remaining Contribution 10 + Years	Young staked tree with a slight north western lean. Tree is of vigorous conical form.	C 1	Retain
T 16	<i>Eucalyptus globulus</i> (Southern Blue Gum) (1.2m Radius of nominal circle; RPA 5m²)	76 mm	4.0 m Clear Stem Height 1.5 m	N: 1.0 m E: 1.0 m S: 1.0 m W: 1.0 m	Young Estimated Remaining Contribution 10 + Years	Young staked vigorous tree with even form. Co-dominant leaders divide at 2.5m height.	C 1	Retain

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.