



LIZARD

Landscape Design and Ecology

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

Mr Smith

Land Adjacent to Wayside, Eastergate Lane, Eastergate

EXISTING TREE SCHEDULE

Project Reference:	LLD2394
Prepared By:	LB
Checked By:	GS
Position:	Arboriculturalist
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AUGUST 2021 - DRAFT ISSUE

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 01	<i>Betula pendula</i> (Silver Birch); (4.2m Radius of nominal circle; RPA 55m²)	350 mm	10.0 m Clear Stem Height 1.5 m	N: 4.0 m E: 4.5 m S: 4.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Displays a slight lean north east. Otherwise reasonable form with a feathered crown.	B 1	
T 02	<i>Betula pendula</i> (Silver Birch); (3.3m Radius of nominal circle; RPA 34m²)	255 mm	12.0 m Clear Stem Height 1.0 m	N: 3.0 m E: 3.5 m S: 3.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Displays a slight lean east and interference with beech tree to East. Crown relatively vigorous but with some twiggy dieback noted.	C 1	
T 03	<i>Fagus sylvatica</i> (Beech); (3.6m Radius of nominal circle; RPA 41m²)	286 mm (Estimated)	9.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 4.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Growing out of a boundary hedge. The tree kinks east at 1.8m but is suppressed by the adjacent birch.	C 2	
T 04	<i>Corylus avellana</i> (Hazel); (2.7m Radius of nominal circle; RPA 23m²)	201 mm CSD	2.5 m Clear Stem Height 0.0 m	N: 1.0 m E: 1.0 m S: 0.5 m W: 0.5 m	Early Mature Estimated Remaining Contribution 10 + Years	Coppice stool displaying vigorous regrowth from coppicing at c. 1.0m.	C 1	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TG 05	<i>Ilex aquifolium</i> (Holly) (2.4m Radius of nominal circle; RPA 18m²)	188 mm Average	4.0 m Clear Stem Height 0.0 m	N: 2.0 m E: 1.0 m S: 2.0 m W: 1.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Pair of small bushy trees subject to pruning. The trees are vigorous but not of particularly good form.	C 2	
T 06	<i>Quercus robur</i> (Pedunculate Oak); (12m Radius of nominal circle; RPA 452m²)	987 mm	22.0 m Clear Stem Height 3.0 m	N: 9.0 m E: 9.0 m S: 8.0 m W: 9.0 m	Mature Estimated Remaining Contribution 40 + Years	Large tree of good form with two main stems and a smaller stem from 3.5m height. Typical moderate deadwood is noted to the crown. Forms part of a line of mature oaks.	A 2	
T 07	<i>Quercus robur</i> (Pedunculate Oak); (13.2m Radius of nominal circle; RPA 547m²)	1098 mm	22.0 m Clear Stem Height 2.0 m	N: 6.0 m E: 10.0 m S: 8.0 m W: 8.0 m	Mature Estimated Remaining Contribution 40 + Years	Tree displays a heavy lean south east. The bole appears sturdy with heavy buttressing. The crown divides at 3.0 m and is relatively even given the lean. Typical moderate deadwood is noted to the crown.	A 2	
T 08	<i>Quercus robur</i> (Pedunculate Oak); (15m Radius of nominal circle; RPA 707m²)	1540 mm CSD	22.0 m Clear Stem Height 2.0 m	N: 9.0 m E: 10.0 m S: 10.0 m W: 9.5 m	Mature Estimated Remaining Contribution 40 + Years	Unusual form with the bole dividing to a dominant and subordinate stem from c. 1.2 m height. The main crown starts at c. 4.5 m height with the smaller. Stem growing away to the north. Several woodpecker holes and typical tears and splits are noted. Several small cavities low on the stem hold water.	A 2	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 09	<i>Cupressus macrocarpa</i> (Monterey Cypress) (10.8m Radius of nominal circle; RPA 366m²)	891 mm	14.0 m Clear Stem Height 1.5 m	N: 4.0 m E: 2.0 m S: 4.0 m W: 6.0 m	Early Mature Estimated Remaining Contribution 10 + Years	The stem sweeps east and divides into the crown from 4.0.m. Much of the interval growth has been shaded and died with all love growth out on the tips. The tree is unlikely to survive in the longer term.	C 1	
T 10	<i>Laurus nobilis</i> (Bay Laurel); (1.8m Radius of nominal circle; RPA 10m²)	140 mm CSD	4.0 m Clear Stem Height 1.0 m	N: 1.0 m E: 1.5 m S: 1.5 m W: 1.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Small multistem tree with c.6 main stems from the base. Narrow unions but otherwise good form.	C 1	
TG 11	<i>Malus sp.</i> (Apple sp.); (3.0m Radius of nominal circle; RPA 28m²)	239 mm Average	2.0 m Clear Stem Height 0.5 m	N: 1.5 m E: 1.5 m S: 1.5 m W: 1.5 m	Over-Mature Estimated Remaining Contribution 10 + Years	Two rows of Orchard trees of similar variety and form. Most divide low on thick grafted stems into low Broad crowns. The trees are in fruit but appear of fairly low vigour. Numerous small cavities are noted as is rabbit or deer damage to most stems		
T 12	<i>Malus sp.</i> (Apple sp.); (1.5m Radius of nominal circle; RPA 7m²)	111 mm	2.5 m Clear Stem Height 1.0 m	N: 1.5 m E: 1.5 m S: 1.5 m W: 1.0 m	Early Mature Estimated Remaining Contribution 10 + Years	Tree leans heavily North East but with a relatively even crown. Fairly vigorous and heavy with fruit. Significant bark damage present at 0.5m height.	C 1	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 13	<i>Malus sp.</i> (Apple sp.) (0.9m Radius of nominal circle; RPA 3m²)	70 mm	2.5 m Clear Stem Height 1.5 m	N: 1.0 m E: 1.0 m S: 0.0 m W: 0.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Small tree growing to the north and east. Almost entirely ring barked by rabbits.	C 1	
T 14	<i>Malus sp.</i> (Apple sp.); (1.2m Radius of nominal circle; RPA 5m²)	99 mm	44319.0 m Clear Stem Height 1.5 m	N: 1.5 m E: 1.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Multiple lower pruning scars. the crown is held west.	C 1	
T 15	<i>Malus sp.</i> (Apple sp.); (3.9m Radius of nominal circle; RPA 48m²)	302 mm	3.0 m Clear Stem Height 1.0 m	N: 3.5 m E: 3.0 m S: 3.0 m W: 3.5 m	Mature Estimated Remaining Contribution 10 + Years	The tree displays a very broad crown from c. 1.0m. Multiple cavities are noted to the five main stems. Bark damage from rabbits is noted to the base.	C 1	
T 16	<i>Malus sp.</i> (Apple sp.); (2.4m Radius of nominal circle; RPA 18m²)	191 mm	2.0 m Clear Stem Height 0.5 m	N: 2.0 m E: 1.5 m S: 2.0 m W: 1.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The crown divides at 0.5m. Multiple small cavities are noted as is a bigger cavity to the base. Major bark stripping is noted to 1.0m.	C 1	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 17	<i>Malus sp.</i> (Apple sp.) (3.9m Radius of nominal circle; RPA 48m²)	312 mm	3.5 m Clear Stem Height 1.0 m	N: 4.0 m E: 2.0 m S: 3.0 m W: 3.0 m	Mature Estimated Remaining Contribution 10 + Years	The stem is hollow and divides to four at c. 1.0m. Major bark stripping is noted to 1.0m. The crown is broad and vigorous with a large canopy gap in the centre.	C 1	
TG 18	<i>Malus sp.</i> (Apple sp.); (3.3m Radius of nominal circle; RPA 34m²)	271 mm Average	3.0 m Clear Stem Height 1.0 m	N: 2.5 m E: 2.5 m S: 2.5 m W: 2.5 m	Mature Estimated Remaining Contribution 10 + Years	A regimented area of Orchard trees. Most trees are of similar form, dividing from one stem at c. 0.5m into four stems. Crowns are relatively even with moderate vigour. Most tree display numerous cavities and significant bark stripping. The trees offer value only as a landscape feature.	C 2	
T 19	<i>Pinus sp.</i> (Pine); (3.9m Radius of nominal circle; RPA 48m²)	312 mm	6.5 m Clear Stem Height 0.5 m	N: 3.5 m E: 3.0 m S: 2.5 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Planted tree which is multistem from 1.5m. The crown is dense and vigorous but the tree has yet to mature into a feature.	C 2	
T 20	<i>Juglans regia</i> (English Walnut); (2.7m Radius of nominal circle; RPA 23m²)	210 mm	8.0 m Clear Stem Height 1.0 m	N: 4.0 m E: 5.0 m S: 3.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Minor root exposure is noted. A large low limb spreads to the east with the tree otherwise even. Twiggy deadwood is noted. A main union at 2.0m is a compression unions with large fork ears and bark inclusion.	C 1	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 21	<i>Corylus avellana</i> (Hazel) (1.8m Radius of nominal circle; RPA 10m²)	135 mm CSD	6.0 m Clear Stem Height 0.0 m	N: 3.0 m E: 3.0 m S: 2.0 m W: 2.0 m	Early Mature Estimated Remaining Contribution 10 + Years	Coppice stool formed of multiple small stems. The tree is vigorous and is a minor boundary feature, but offers little value in the current context.	C 2	
T 22	<i>Fraxinus excelsior</i> (Ash); (1.2m Radius of nominal circle; RPA 5m²)	86 mm	5.0 m Clear Stem Height 1.5 m	N: 1.0 m E: 1.5 m S: 0.5 m W: 0.5 m	Young Estimated Remaining Contribution <10 Years	Small Ash which has outgrown a large planter into the ground. Significant dieback is noted. The tree offers very limited potential.	U	
T 23	<i>Fraxinus excelsior</i> (Ash); (3.3m Radius of nominal circle; RPA 34m²)	255 mm	11.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 3.0 m S: 3.0 m W: 3.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A tree of good overall form. Roots are exposed but undamaged. A seam runs from 0.5-1.5m height. Minor dieback is noted.	C 2	
T 24	<i>Liriodendron tulipifera</i> (Tulip Tree); (3.0m Radius of nominal circle; RPA 28m²)	229 mm	12.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 6.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The tree leans heavily North East. Minor deadwood is noted. The tree is vigorous but not of particularly good form.	C 2	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 25	<i>Ulmus sp.</i> (Elm sp.) (3.6m Radius of nominal circle; RPA 41m²)	286 mm (Estimated)	11.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 5.0 m S: 3.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Off site tree of good overall form and no signs of disease.	B 2	
T 26	<i>Prunus sp.</i> (Cherry sp.); (1.5m Radius of nominal circle; RPA 7m²)	118 mm	4.0 m Clear Stem Height 1.0 m	N: 2.0 m E: 2.0 m S: 1.5 m W: 1.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Small tree with a kinked stem and sparse crown displaying extensive minor deadwood.	C 2	
T 27	<i>Ornamental Shrub</i> ; (3.3m Radius of nominal circle; RPA 34m²)	255 mm	8.0 m Clear Stem Height 1.0 m	N: 3.0 m E: 4.0 m S: 4.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A redbud tree which divides to twin stems at 1.0m. Growth is held east and displays numerous pieces of minor deadwood. An old stem has been removed at the base and a fungal bracket is now present.	C 1	

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;

1. Mainly Arboricultural Qualities

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

2. Mainly Landscape Qualities

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

3. Mainly cultural values, including conservation

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

Category B

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

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

- 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 having some material conservation or cultural value

Category C

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

- 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

- Trees present in numbers without having significant landscape 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.