



LIZARD

Landscape Design and Ecology

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

Stonehurst Properties Ltd.

Land East of Chantry Mead, Downview Road, Barnham

Existing Tree Schedule

Project Reference:	LLD2187
Prepared By:	JH
Checked By:	GS
Position:	Assistant Ecologist
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EXISTING TREE SCHEDULE - PLANNING ISSUE - Rev00 - 3rd February 2021

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
H 01	Mixed Species Ornamental Hedgerow; (1.2m Radius of nominal circle; RPA 5m ²)	99 mm Average	1.5 m Clear Stem Height 0.0 m	As Shown	Early Mature Estimated Remaining Contribution 10 + Years	A low, neat, well maintained ornamental hedgerow running parallel to the road, providing good screening.	C 2	Retain
H 02	Mixed Species Ornamental Hedgerow; (1.2m Radius of nominal circle; RPA 5m ²)	76 mm Average	1.5 m Clear Stem Height 0.0 m	As Shown	Early Mature Estimated Remaining Contribution 10 + Years	A neat, dense, well maintained ornamental hedgerow forming a minor garden boundary.	C 2	Remove
SH 03	Ornamental Shrubs; (1.8m Radius of nominal circle; RPA 10m ²)	143 mm CSD	4.0 m Clear Stem Height 0.5 m	N: 1.0 m E: 2.5 m S: 1.5 m W: 2.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Ornamental shrubs consisting of small Camellia trees with vigorous but uneven growth. The vegetation provides little value.	C 1	Retain
T 04	<i>Acer negundo</i> (Box Elder); (5.1m Radius of nominal circle; RPA 81m ²)	407 mm	10.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 6.5 m S: 6.0 m W: 5.0 m	Early Mature Estimated Remaining Contribution 20 + Years	The specimen displays minor mechanical damage at the base, with the main stem twisting slightly clockwise. The crown is held on 5 no. primary scaffolds at 2.0 m height. The tree displays a vigorous broad crown with minor deadwood and moderate occluding pruning scars present.	B 1	Retain

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T 05	<i>Malus sp.</i> (Apple sp.) (2.7m Radius of nominal circle; RPA 23m²)	204 mm	2.5 m Clear Stem Height 0.5 m	N: 2.0 m E: 2.5 m S: 1.5 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The tree's crown is held on 3 no. primary scaffolds at a height of 0.5m. The specimen displays a low, broad form with vigorous growth. Lots of cankers are noted.	C 1	Retain
SH 06	Ornamental Shrubs; (2.1m Radius of nominal circle; RPA 14m²)	153 mm CSD	3.0 m Clear Stem Height 0.0 m	N: 1.0 m E: 1.5 m S: 1.0 m W: 1.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A Rhododendron shrub growing on 4 no. major stems with a dense upper crown. The vegetation provides little value.	C 1	Retain
T 07	<i>Magnolia sp.</i> (Magnolia); (1.2m Radius of nominal circle; RPA 5m²)	89 mm	2.0 m Clear Stem Height 1.0 m	N: 1.0 m E: 1.0 m S: 1.5 m W: 1.0 m	Young Estimated Remaining Contribution 10 + Years	Ornamental Magnolia specimen with a good, even form and flat crown. The tree is small and provides little value.	C 1	Retain
H 08	<i>Ligustrum ovalifolium</i> (Garden Privet); (1.2m Radius of nominal circle; RPA 5m²)	99 mm Average	6.0 m Clear Stem Height 0.0 m	As Shown	Mature Estimated Remaining Contribution 10 + Years	A tall overgrown Privet hedgerow with clipped maintained sides and an outgrown top. The hedge provides good boundary screening.	C 2	Remove

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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 09	<i>Abies sp.</i> (Fir sp.) (0.9m Radius of nominal circle; RPA 3m²)	73 mm	4.5 m Clear Stem Height 0.0 m	N: 1.5 m E: 1.5 m S: 1.5 m W: 1.5 m	Young Estimated Remaining Contribution 10 + Years	An ornamental Fir tree with an even conical form with no defects present.	C 1	Remove
T 10	<i>Crataegus monogyna</i> (Hawthorn); (1.2m Radius of nominal circle; RPA 5m²)	95 mm	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	Young Estimated Remaining Contribution 10 + Years	A young planted tree with signs of rubbing branches present. The crown is vigorous with a broad and even form. Light pruning wounds are present.	C 1	Moved
T 11	<i>Eucalyptus sp.</i> (Eucalyptus Gum Tree); (2.7m Radius of nominal circle; RPA 23m²)	210 mm	8.0 m Clear Stem Height 2.0 m	N: 3.0 m E: 2.5 m S: 2.5 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Specimen has a slight lean to the north which has been previously been staked for support. Has a single main leader until a height of 2m where it then divides into 2 primary scaffolds leading to a vigorous crown.	C 1	Remove
T 12	<i>Picea sp.</i> (Spruce sp.); (2.1m Radius of nominal circle; RPA 14m²)	166 mm	9.0 m Clear Stem Height 0.0 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	An ornamental tree with a good form and dense even crown with no defects present.	C 1	Remove

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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
SH 13	<i>Escallonia sp.</i> ; (<i>Escallonia</i>); (1.8m Radius of nominal circle; RPA 10m²)	140 mm CSD	3.0 m Clear Stem Height 0.0 m	N: 1.0 m E: 1.0 m S: 1.0 m W: 1.0 m	Mature Estimated Remaining Contribution 10 + Years	An old ornamental <i>Escallonia</i> shrub which is multi-stemmed from the base with dense branching and signs of historic pruning.	C 1	Retain
T 14	<i>Malus sp.</i> (<i>Apple sp.</i>); (3.9m Radius of nominal circle; RPA 48m²)	315 mm	6.0 m Clear Stem Height 1.0 m	N: 2.0 m E: 3.5 m S: 3.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 10 + Years	The specimen divides to a dominant and subdominant leader at a height of 1.0 m with 1 no. moderate dead limb and decay present on another limb. The crown is dense and arches towards the south with numerous epicormic growths noted to larger limbs and the lower stem.	C 1	Remove
T 15	<i>Abies sp.</i> (<i>Fir sp.</i>); (1.2m Radius of nominal circle; RPA 5m²)	76 mm	4.0 m Clear Stem Height 0.0 m	N: 1.0 m E: 1.0 m S: 1.5 m W: 1.0 m	Young Estimated Remaining Contribution 10 + Years	An ornamental Fir tree growing adjacent to a hedgerow. The specimen has an even form with dense growth and shows no signs of defects.	C 1	Remove
T 16	<i>Pyrus sp.</i> (<i>Pear sp.</i>); (1.8m Radius of nominal circle; RPA 10m²)	127 mm	4.0 m Clear Stem Height 1.0 m	N: 1.5 m E: 2.0 m S: 2.0 m W: 1.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A Weeping willow-leaved pear (<i>Pyrus salicifolia pendula</i>). The specimen leans towards the east and has a dense even crown at a height of 1.5m growing in a weeping habit.	C 1	Remove

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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 17	<i>Malus sp.</i> (Apple sp.) (4.2m Radius of nominal circle; RPA 55m²)	331 mm CSD	7.0 m Clear Stem Height 0.5 m	N: 4.0 m E: 4.0 m S: 3.0 m W: 3.5 m	Early Mature Estimated Remaining Contribution 10 + Years	The specimen divides to twin stems at a height of 0.5m, further dividing to 4 no. stems by a height of 1.5m. The crown is high and arching towards the north with moderate deadwood present. Several cavities with decay are present with a diameter of 50mm.	C 1	Remove
T 18	<i>Acer sp.</i> (Maple); (1.8m Radius of nominal circle; RPA 10m²)	150 mm	6.5 m Clear Stem Height 1.5 m	N: 3.0 m E: 2.5 m S: 2.0 m W: 2.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	An ornamental tree with good even form with 1 no. piece of moderate deadwood at the main union. The specimen has a cavity at a height of 1.5m in the process of occluding but with exposed heart wood. Minor pruning scars are present.	C 1	Retain
T 19	<i>Crataegus monogyna</i> (Hawthorn); (1.2m Radius of nominal circle; RPA 5m²)	92 mm	6.0 m Clear Stem Height 1.5 m	N: 1.5 m E: 1.5 m S: 1.0 m W: 1.0 m	Young Estimated Remaining Contribution 10 + Years	Specimen exhibits a tall narrow crown in a vertical form with vigorous growth and a lean slightly towards the south. Lower minor branches have been removed.	C 1	Retain
T 20	<i>Sambucus nigra</i> (Common Elder); (0.9m Radius of nominal circle; RPA 3m²)	73 mm CSD	3.5 m Clear Stem Height 0.0 m	N: 1.5 m E: 1.5 m S: 1.5 m W: 1.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Large shrubby tree, multi-stemmed from the base with a dense, vigorous bushy form. Minor deadwood is present with multiple old pruning wounds.	C 1	Retain

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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 21	<i>Cupressus macrocarpa</i> 'Lutea' (Monterey Cypress 'Lutea') (2.4m Radius of nominal circle; RPA 18m ²)	188 mm (Estimated)	4.0 m Clear Stem Height 0.5 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 2.0 m	Early Mature Estimated Remaining Contribution 10 + Years	An ornamental golden cultivar with a dense, even and rounded form with dense branching from a height of 0.3m. Minor internal dieback is present and typical for the species. The tree is of ornamental value only.	C 1	Retain
T 22	<i>Malus sylvestris</i> (Crab Apple); (2.4m Radius of nominal circle; RPA 18m ²)	191 mm CSD	5.0 m Clear Stem Height 0.5 m	N: 3.5 m E: 4.5 m S: 2.5 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The stem divides to codominant leaders from a height of 0.3m with the union appearing congested. Growth is vigorous and widely spreading towards the north and east but of poor form. Lower epicormic growths are present.	C 1	Retain
T 23	<i>Picea sp.</i> (Spruce sp.); (3.9m Radius of nominal circle; RPA 48m ²)	321 mm	15.0 m Clear Stem Height 1.0 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Specimen displays a flared base with minor damage to exposed roots. The crown exhibits an open conical form with minor internal dieback typical for the species. The tree is a prominent feature.	B 1	Retain
SH 24	<i>Laurus nobilis</i> (Bay Laurel); (1.2m Radius of nominal circle; RPA 5m ²)	95 mm CSD	2.0 m Clear Stem Height 0.0 m	N: 0.5 m E: 1.0 m S: 1.5 m W: 1.0 m	Mature Estimated Remaining Contribution 10 + Years	An ornamental bushy shrub which is neatly pruned and maintained with minor internal dieback present.	C 1	Retain

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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 25	<i>Acer campestre</i> (Field Maple) (4.8m Radius of nominal circle; RPA 72m²)	379 mm CSD	T Clear Stem Height 0.5 m	N: 5.0 m E: 4.0 m S: 4.5 m W: 4.5 m	Early Mature Estimated Remaining Contribution 20 + Years	The tree divides into 2 no. stems at a height of 0.5m with a narrow union that displays small fork-ears. The crown is dense and even with some branch fusion present. The main stems arch towards the west into the garden.	B 1	Retain
T 26	<i>Corylus avellana</i> (Hazel); (1.5m Radius of nominal circle; RPA 7m²)	111 mm CSD	10.0 m Clear Stem Height 0.0 m	N: 3.5 m E: 4.0 m S: 4.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 10 + Years	An over-stood stool with 8 no. main stems, a sprawling form and light ivy cover.	C 3	Retain
T 27	<i>Salix sp.</i> (Willow sp.); (3.0m Radius of nominal circle; RPA 28m²)	236 mm	12.0 m Clear Stem Height 2.0 m	N: 2.0 m E: 3.0 m S: 5.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Specimen displays an uneven form with dead lower limbs and a crowded crown with minor deadwood present.	C 1	Retain
T 28	<i>Carpinus betulus</i> (Hornbeam); (3.0m Radius of nominal circle; RPA 28m²)	232 mm	10.0 m Clear Stem Height 1.5 m	N: 5.5 m E: 4.0 m S: 4.0 m W: 5.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Specimen leans towards the north-west into the garden with minor mechanical damage to exposed roots. The stem divides to codominant leaders at a height of 1.5m on a narrow damp union with small fork-ears and a broad, dense rounded crown.	C 1	Remove

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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TG 29	<i>Malus sp.; Prunus sp.;</i> (Apple; Cherry); (0.9m Radius of nominal circle; RPA 3m²)	64 mm Average	3.0 m Clear Stem Height 0.5 m	N: 1.0 m E: 1.0 m S: 1.0 m W: 1.0 m	Young Estimated Remaining Contribution 10 + Years	A small group of ornamental fruit trees consisting of apple and cherry species of no arboricultural value. Trees have reasonable forms but generally low vigour.	C 1	Remove
T 30	<i>Salix caprea</i> (Goat Willow); (1.2m Radius of nominal circle; RPA 5m²)	80 mm Average	2.0 m Clear Stem Height 0.5 m	N: 1.0 m E: 1.0 m S: 1.0 m W: 1.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	An ornamental specimen of Kilmarnock willow with a weeping form, with lower twigs removed.	C 1	Remove
H 31	Mixed Species Hedgerow; (1.5m Radius of nominal circle; RPA 7m²)	108 mm Average	6.0 m Clear Stem Height 0.0 m	As Shown	Semi-Mature Estimated Remaining Contribution 10 + Years	A dense hedgerow formed of small trees of Hawthorn, Hornbeam and Privet which have been allowed to grow out at the top. The sides are well maintained. The hedge provides some boundary screening.	C 2	Retain
T 32	<i>Acer campestre</i> (Field Maple); (4.8m Radius of nominal circle; RPA 72m²)	382 mm CSD	8.5 m Clear Stem Height 2.0 m	N: 3.5 m E: 4.0 m S: 4.0 m W: 3.5 m	Early Mature Estimated Remaining Contribution 10 + Years	Specimen divides to codominant leaders at a height of 1.0 m with a broad even crown. Moderate ivy cover and minor pruning scars are present.	C 1	Retain

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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 33	<i>Acer pseudoplatanus</i> (Sycamore) (3.0m Radius of nominal circle; RPA 28m²)	229 mm	11.0 m Clear Stem Height 2.0 m	N: 3.0 m E: 3.0 m S: 3.0 m W: 3.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A specimen with moderate ivy cover to a height of 6.0 m, a good even form and a feathered crown. No major defects are present.	C 1	Retain
T 34	<i>Betula pendula</i> (Silver Birch); (2.7m Radius of nominal circle; RPA 23m²)	207 mm	12.0 m Clear Stem Height 4.0 m	N: 2.0 m E: 3.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Specimen leans slightly towards the east, with little growth on the northern aspect and no lower growth. The stem sweeps towards the north-east.	C 1	Retain
T 35	<i>Taxus baccata</i> (Yew); (4.8m Radius of nominal circle; RPA 72m²)	392 mm CSD	4.5 m Clear Stem Height 0.0 m	N: 2.5 m E: 2.0 m S: 4.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Specimen is multi-stemmed from the base, sprawling towards the south and west into the garden. The form is dense and spherical with vigorous growth. Some internal dieback is present and typical of the species.	C 2	Retain
T 36	<i>Prunus</i> sp. (Cherry sp.); (0.9m Radius of nominal circle; RPA 3m²)	64 mm	4.5 m Clear Stem Height 2.0 m	N: 0.5 m E: 1.0 m S: 1.0 m W: 1.0 m	Young Estimated Remaining Contribution 10 + Years	A young planted specimen with minor deadwood. Growth is yet to become vigorous.	C 1	Retain

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T 37	<i>Prunus sp.</i> (Cherry sp.) (3.9m Radius of nominal circle; RPA 48m²)	318 mm (Estimated)	4.0 m Clear Stem Height 0.0 m	N: 4.0 m E: 1.0 m S: 2.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Specimen leans towards the north with some live growth but mostly engulfed by ivy.	C 1	Retain
T 38	<i>Acer campestre</i> (Field Maple); (4.2m Radius of nominal circle; RPA 55m²)	350 mm CSD	8.5 m Clear Stem Height 1.0 m	N: 3.0 m E: 4.0 m S: 4.0 m W: 3.5 m	Early Mature Estimated Remaining Contribution 10 + Years	Specimen divides to codominant leaders at a height of 0.5m and displays a dense, even crown with minor deadwood present. Moderate ivy cover is noted.	C 1	Retain
T 39	<i>Fraxinus excelsior</i> (Ash); (2.1m Radius of nominal circle; RPA 14m²)	166 mm	8.0 m Clear Stem Height 1.5 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 2.0 m	Young Estimated Remaining Contribution 10 + Years	An ornamental specimen with a good, even form with no major defects. Crown is dense and in a domed form.	C 1	Remove
T 40	<i>Alnus glutinosa</i> (Alder); (2.1m Radius of nominal circle; RPA 14m²)	169 mm CSD CSD	7.0 m Clear Stem Height 1.0 m	N: 3.0 m E: 2.0 m S: 3.0 m W: 2.0 m	Young Estimated Remaining Contribution 10 + Years	An ornamental specimen which divides to dominant and subdominant leaders at a height of 0.5m. The tree displays a good even form.	C 1	Moved

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TG 41	<i>Alnus glutinosa</i> (Alder); (1.5m Radius of nominal circle; RPA 7m ²)	118 mm	7.0 m Clear Stem Height 1.0 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 3.0 m	Young Estimated Remaining Contribution 10 + Years	A small group of ornamental trees with even forms, and no defects present.	C 1	Retain
T 42	<i>Quercus robur</i> (Pedunculate Oak); (1.8m Radius of nominal circle; RPA 10m ²)	140 mm	7.0 m Clear Stem Height 1.0 m	N: 3.0 m E: 2.5 m S: 2.5 m W: 2.5 m	Semi-Mature Estimated Remaining Contribution 20 + Years	A planted specimen with a good, even form and vigorous growth. The specimen shows signs of good potential.	B 1	Retain
H 43	<i>Prunus laurocerasus</i> (Cherry Laurel); (0.9m Radius of nominal circle; RPA 3m ²)	51 mm Average	6.0 m Clear Stem Height 0.0 m	As Shown	Semi-Mature Estimated Remaining Contribution 10 + Years	An ornamental garden hedge consisting of cherry laurel, which provides some screening but is relatively sparse.	C 1	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.