



LIZARD

Landscape Design and Ecology

The Old Bank, 34 South Street, Tarring, Worthing, West Sussex, BN14 7LH
T. 01903 216033 E. lizard.landscape@btconnect.com W. lizardlandscapeecology.com

Havant Property Investment LLP

32 New Lane, Havant

EXISTING TREE SCHEDULE

Project Reference:	LLD2177
Prepared By:	GS
Checked By:	LB
Position:	Senior Ecologist
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FEBRUARY 2021 - PLANNING ISSUE

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TG 01	<i>Carpinus betulus</i> (Hornbeam); (2.1m Radius of nominal circle; RPA 14m²)	159 mm Average	4.0 m Clear Stem Height 0.0 m	N: 1.0 m E: 1.0 m S: 1.0 m W: 1.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Ornamental fastigate trees planted within the carpark. The trees are of good form generally, but add little to the site or wider area yet.	C 2	Remove
H 02	<i>Taxus baccata</i> (Yew); (1.2m Radius of nominal circle; RPA 5m²)	95 mm (Estimated)	3.0 m Clear Stem Height 0.0 m	N: is Show E: 0.0 m S: 0.0 m W: 0.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A neat boundary hedge which is dense and heavily maintained to a low height. The hedge provides a good screen but is too low to provide wider visual benefit.	C 2	Retain
H 02	<i>Scientific Name</i> Species; (1.2m Radius of nominal circle; RPA 5m²)	95 mm (Estimated)	2.0 m Clear Stem Height 0.0 m	N: is Show E: 0.0 m S: 0.0 m W: 0.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A slightly less well-established and sparser section of hedge, providing limited screening.	C 2	Remove
TG 04	<i>Betula pendula</i> (Silver Birch); (2.4m Radius of nominal circle; RPA 18m²)	178 mm Average	9.0 m Clear Stem Height 2.0 m	N: 2.0 m E: 2.0 m S: 3.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Planted trees of reasonable form and no major defects. The trees are yet to mature into significant features.	C 1	Remove

H 05	<i>Crataegus monogyna</i> (Hawthorn) (1.5m Radius of nominal circle; RPA 7m²)	111 mm Average	3.5 m Clear Stem Height 0.0 m	N: is Show E: 0.0 m S: 0.0 m W: 0.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	A neat hedge running along the western roadside. The hedge is slightly grown out at the top. The hedge provides useful if only seasonal screening to the site from the road and is likely a useful habitat for birds.	B 2	Partial Remove (25.0m total)
T 06	<i>Prunus sp.</i> (Cherry sp.); (3.0m Radius of nominal circle; RPA 28m²)	232 mm	6.0 m Clear Stem Height 2.0 m	N: 3.0 m E: 2.0 m S: 3.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	An ornamental tree of good overall form and no major defects. The tree offers limited amenity value within the site only.	C 1	Remove
T 07	<i>Fraxinus excelsior</i> (Ash); (2.4m Radius of nominal circle; RPA 18m²)	201 mm	7.0 m Clear Stem Height 2.0 m	N: 2.0 m E: 3.5 m S: 3.0 m W: 1.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The tree displays uneven growth and minor deadwood, due to suppression from adjacent trees.	C 1	Retain
T 08	<i>Quercus robur</i> (Pedunculate Oak); (4.5m Radius of nominal circle; RPA 64m²)	357 mm	12.0 m Clear Stem Height 2.5 m	N: 5.5 m E: 5.0 m S: 5.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	A tree of good form displaying minor suppression to the west from roadside trees.	B 1	Retain

T 09	<i>Quercus robur</i> (Pedunculate Oak) (3.9m Radius of nominal circle; RPA 48m²)	309 mm	11.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 5.0 m S: 4.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	A tree of good even form displaying no major defects, but yet to mature into a significant feature.	B 1	Retain
T 10	<i>Quercus robur</i> (Pedunculate Oak); (3.0m Radius of nominal circle; RPA 28m²)	242 mm	11.0 m Clear Stem Height 2.5 m	N: 2.0 m E: 5.0 m S: 5.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The tree displays lower pruning scars, and little growth to the north. No other major defects are noted; however, the tree is of limited value.	C 2	Retain
T 11	<i>Fraxinus excelsior</i> (Ash); (3.3m Radius of nominal circle; RPA 34m²)	274 mm	12.0 m Clear Stem Height 2.5 m	N: 3.0 m E: 5.0 m S: 6.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	A tree of reasonable form with little growth to the north.	B 1	Retain
T 12	<i>Acer platanoides</i> (Norway Maple); (5.1m Radius of nominal circle; RPA 81m²)	420 mm	11.0 m Clear Stem Height 2.0 m	N: 6.0 m E: 6.0 m S: 5.0 m W: 5.0 m	Early Mature Estimated Remaining Contribution 20 + Years	A tree of good even form, with pruning scars on the lower trunk and minor deadwood.	B 1	Retain

T 13	<i>Acer platanoides</i> (Norway Maple) (3.3m Radius of nominal circle; RPA 34m²)	255 mm	10.0 m Clear Stem Height 2.0 m	N: 3.0 m E: 3.0 m S: 4.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	A tree of good, even form with a slight growth bias towards the south.	B 1	Retain
T 14	<i>Acer platanoides</i> (Norway Maple); (4.2m Radius of nominal circle; RPA 55m²)	341 mm	10.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 3.0 m S: 5.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	A tree displaying a dense, even crown, with moderate deadwood to the central leader and to the east, likely caused by shading from the adjacent holm oak.	B 1	Retain
T 15	<i>Quercus ilex</i> (Holm Oak); (10.5m Radius of nominal circle; RPA 346m²)	866 mm CSD	13.0 m Clear Stem Height 0.0 m	N: 6.0 m E: 7.0 m S: 7.0 m W: 6.0 m	Early Mature Estimated Remaining Contribution 20 + Years	A large tree of bushy form with many stems emerging from the base. The unions appear stable but are obscured by dense leaf litter. Suckers are present to the base. The tree is a dense vegetative feature. Tree protected by Havant TPO 1034 - T2. Crown-lift to 2.0 m clear-stem.	B 2	Retain
T 16	<i>Fraxinus excelsior</i> (Ash); (2.4m Radius of nominal circle; RPA 18m²)	178 mm	9.0 m Clear Stem Height 2.0 m	N: 2.0 m E: 3.0 m S: 2.5 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The tree divides to codominant stems at 1.8 m height. The crown is tall and narrow displaying moderate deadwood and low vigour.	C 1	Retain

T 17	<i>Carpinus betulus</i> (Hornbeam) (1.5m Radius of nominal circle; RPA 7m²)	102 mm	5.0 m Clear Stem Height 0.5 m	N: 2.0 m E: 2.0 m S: 1.5 m W: 2.0 m	Young Estimated Remaining Contribution 10 + Years	A tree of good, vigorous form but immature and yet to form a feature.	C 1	Retain
T 18	<i>Quercus ilex</i> (Holm Oak); (15m Radius of nominal circle; RPA 707m²)	1241 mm CSD	14.0 m Clear Stem Height 0.0 m	N: 8.5 m E: 7.0 m S: 8.0 m W: 7.0 m	Mature Estimated Remaining Contribution 20 + Years	A large tree of bushy form in a raised planting area, with 3no. stems emerging from c.1.0 m height. The unions are obscured by dense leaf litter, and appear narrow with possible bark inclusions and decay down to the base. Low limbs lean out to north and south. The tree is vigorous with minor deadwood. Tree protected by Havant TPO 1034 - T1. Crown-lift to 2.0 m clear-stem.	B 2	Retain
T 19	<i>Acer sp.</i> (Maple); (4.5m Radius of nominal circle; RPA 64m²)	369 mm	11.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Growing on a bank, the tree divides to codominant leaders at 1.8 m height. A major wound is present at 2.0 m height and a tear-out at 1.7 m height, with decay evident. All growth is held away from the south-west.	C 2	Retain
T 20	<i>Acer sp.</i> (Maple); (5.4m Radius of nominal circle; RPA 92m²)	430 mm	8.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 10 + Years	The tree's top has failed at 2.0 m height, resulting in a major decayed deadwood to the west. The decay leads down to the base in a long scar, the scar is occluding but exposes heartwood. Several other dead stubs are noted.	C 2	Retain

T 21	<i>Prunus cerasifera</i> (Cherry Plum) (3.6m Radius of nominal circle; RPA 41m²)	286 mm	6.0 m Clear Stem Height 1.0 m	N: 5.0 m E: 4.0 m S: 3.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A tree of typical shrubby form, which grows to the north and east. Mechanical damage is noted to the roots. The tree is vigorous but offers no real value.	C 1	Retain
T 22	<i>Acer platanoides</i> (Norway Maple); (2.4m Radius of nominal circle; RPA 18m²)	181 mm	10.0 m Clear Stem Height 2.0 m	N: 3.5 m E: 3.0 m S: 3.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	A tree of good form and vigour, with potential to become a more significant tree in the future.	B 2	Retain
TG 23	<i>Acer pseudoplatanus</i> (Sycamore); (3.6m Radius of nominal circle; RPA 41m²)	280 mm Average	10.0 m Clear Stem Height 2.5 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Trees of good even form and vigour, with dense domed crowns and minor pruning scars.	B 2	Partial Remove (Tree ii)
TG 24	<i>Acer sp.</i> (Maple); (6.0m Radius of nominal circle; RPA 113m²)	500 mm Average	14.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 6.0 m S: 5.0 m W: 6.0 m	Early Mature Estimated Remaining Contribution 20 + Years	A line of trees of varying forms, with moderate ivy cover to two trees. The northernmost two trees are twin-stemmed from the base. The treeline provides a limited landscape feature and screen.	B 2	Retain

TG 25	Mixed Trees and Shrubs (2.7m Radius of nominal circle; RPA 23m²)	223 mm Average	10.0 m Clear Stem Height 1.0 m	N: 0.0 m E: 0.0 m S: 0.0 m W: 0.0 m	Semi-Mature Estimated Remaining Contribution <10 Years	A patch of poor form, scrubby trees of little value.	C 2	Retain
TL 26	<i>Acer sp.</i> (Maple); (3.9m Radius of nominal circle; RPA 48m²)	325 mm	16.0 m Clear Stem Height 3.0 m	N: 4.0 m E: 3.0 m S: 4.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	A boundary line of trees, mostly single trees with minore deadwood and ivy cover, with shrubs to the base. The trees provide a relatively good screen.	B 2	Retain
T 27	<i>Sambucus nigra</i> (Common Elder); (3.9m Radius of nominal circle; RPA 48m²)	315 mm CSD	6.0 m Clear Stem Height 3.0 m	N: 0.5 m E: 2.0 m S: 3.0 m W: 1.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A large specimen for the species, which divides to codominant leaders at the base, and leans south over the track.	C 1	Retain
T 28	<i>Acer pseudoplatanus</i> (Sycamore); (3.3m Radius of nominal circle; RPA 34m²)	271 mm	10.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Growing in a grassed area, a tree of good form with an even, domed crown and no major defects. A small bird's nest is present.	B 1	Remove

T 29	<i>Acer platanoides</i> (Norway Maple) (4.2m Radius of nominal circle; RPA 55m²)	350 mm	11.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 4.5 m S: 4.0 m W: 4.5	Early Mature Estimated Remaining Contribution 20 + Years	Growing in a grassed area, with a concrete structure c.1.0 m from the base. A dense main union is present at 2.0 m height with moderate deadwood in the centre. Two limbs are noted to be crossing and fusing. The crown is broad, even and vigorous with moderate pruning scars noted.	B 1	Remove
TG 30	<i>Cupressus sp.</i> (Cypress sp.); (3.3m Radius of nominal circle; RPA 34m²)	255 mm	8.0 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	A group of even, conical trees emerging from the hedge. The trees are in reasonable condition but offer no real value.	C 2	Retain
T 31	<i>Aesculus hippocastanum</i> (Horse Chestnut); (3.9m Radius of nominal circle; RPA 48m²)	318 mm	14.0 m Clear Stem Height 4.0 m	N: 4.0 m E: 4.0 m S: 3.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The tree grows on a bank and divides to several stems from the base. The canopy is dense and pruned away from the west. The tree offers little value.	C 2	Retain
T 32	<i>Populus sp.</i> (Poplar sp.); (4.5m Radius of nominal circle; RPA 64m²)	366 mm	22.0 m Clear Stem Height 7.0 m	N: 5.0 m E: 5.0 m S: 3.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Growing on the bank. The tree is of good, even form with minor pruning undertaken to the west.	B 2	Retain

TG 33	<i>Acer campestre</i> (Field Maple) (5.4m Radius of nominal circle; RPA 92m²)	446 mm Average	18.0 m Clear Stem Height 3.0 m	N: 3.0 m E: 5.0 m S: 3.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Growing on the bank. A group of three field maples and a single horse chestnut. The trees are all either multistemmed or possess very low crowns, which are dense and contain limb fusions. The trees have been heavily pruned to the west. The trees are not of optimal form but they are a significant part of the boundary treeline.	B 2	Retain
TG 34	<i>Acer sp.</i> (Maple); (5.1m Radius of nominal circle; RPA 81m²)	405 mm Average	18.0 m Clear Stem Height 3.0 m	N: 3.0 m E: 6.0 m S: 5.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Growing on the bank. The trees are formed of several stems each with dense bushy forms pruned away from the west.	B 2	Retain
T 35	<i>Populus sp.</i> (Poplar sp.); (7.8m Radius of nominal circle; RPA 191m²)	650 mm (Estimated)	24.0 m Clear Stem Height 12.0 m	N: 6.0 m E: 6.0 m S: 6.0 m W: 4.0 m	Mature Estimated Remaining Contribution 20 + Years	Growing on the bank. The stem divides to codominant leaders from the base on a narrow union. The tree is of vertical form and has been pruned to the west. The tree forms a major feature. Recommendation: Perform detailed inspection of union to confirm condition - likely to require access onto adjacent railway bank.	B 2	Retain
T 36	<i>Thuja sp.</i> (Red Cedar); (3.3m Radius of nominal circle; RPA 34m²)	255 mm	9.0 m Clear Stem Height 3.0 m	N: 2.0 m E: 2.0 m S: 3.0 m W: 1.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The tree divides to 3no. Stems from the base, with a vigorous conical form. The tree offers little value to the site or surroundings.	C 2	Retain

T 37	<i>Acer sp.</i> (Maple) (7.2m Radius of nominal circle; RPA 163m²)	600 mm (Estimated)	21.0 m Clear Stem Height 6.0 m	N: 5.0 m E: 5.0 m S: 5.0 m W: 4.0 m	Mature Estimated Remaining Contribution 20 + Years	A large tree formed of many stems, which divide at 2.0 m height then ascend into a broad crown. The lower crown has been pruned hard to the west to 12.0 m height.	B 2	Retain
T 38	<i>Acer sp.</i> (Maple); (7.2m Radius of nominal circle; RPA 163m²)	580 mm (Estimated)	20.0 m Clear Stem Height 4.0 m	N: 3.0 m E: 6.0 m S: 5.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Growing on the bank. The stem divides to a dominant and subordinate leader at 0.5 m height. The dense crown is heavily pruned to the west.	B 2	Retain
T 39	<i>Acer sp.</i> (Maple); (4.8m Radius of nominal circle; RPA 72m²)	400 mm (Estimated)	16.0 m Clear Stem Height 4.0 m	N: 2.5 m E: 5.0 m S: 6.0 m W: 2.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Growing on the bank. Large limbs hold all the tree's growth south. The tree is heavily pruned to the west.	B 2	Retain
T 40	<i>Carpinus betulus</i> (Hornbeam); (3.6m Radius of nominal circle; RPA 41m²)	300 mm (Estimated) (Estimated)	10.0 m Clear Stem Height 3.0 m	N: 4.0 m E: 4.0 m S: 3.5 m W: 1.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Growing on the bank. The tree is of dense, bushy form with heavy ivy cover. Heavy pruning has been undertaken to the west.	C 2	Retain

TG 41	<i>Populus sp.</i> (Poplar sp.); (4.8m Radius of nominal circle; RPA 72m²)	400 mm Average	22.0 m Clear Stem Height 6.0 m	N: 4.0 m E: 3.0 m S: 3.0 m W: 4.5 m	Early Mature Estimated Remaining Contribution 20 + Years	11no. trees of narrow form growing on the bank, spaced c. 2.5 m apart. Most trees display heavy ivy and heavy pruning to. C.12.0 m height.	B 2	Retain
TG 42	<i>Populus sp.</i> (Poplar sp.); (2.4m Radius of nominal circle; RPA 18m²)	200 mm Average	16.0 m Clear Stem Height 3.0 m	N: 2.0 m E: 3.0 m S: 1.0 m W: 1.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A group of trees on the verge and leaning north and east over the railway. Inspection was very limited but the trees offer little value.	C 2	Retain
H 43	<i>Cupressus x leylandii</i> (Leyland Cypress); (3.6m Radius of nominal circle; RPA 41m²)	300 mm Average	12.0 m Clear Stem Height 0.0 m	N: 2.0 m E: 3.0 m S: 2.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 20 + Years	A dense screen of trees of varying forms, growing on top of the bank, spaced c.1.0 m apart. The trees have been neatly clipped to the west.	B 2	Retain
TG 44	Mixed Species Ornamental Tree Group; (5.4m Radius of nominal circle; RPA 92m²)	450 mm Average	24.0 m Clear Stem Height 10.0 m	N: 3.0 m E: 4.0 m S: 3.0 m W: 4.0 m	Mature Estimated Remaining Contribution 20 + Years	A treeline of tall trees growing on the bank. The trees emerge above the leylandii hedge. Most growth to the west has been pruned away to 12.0 m height.	B 2	Retain

T 45	<i>Populus sp.</i> (Poplar sp.); (7.2m Radius of nominal circle; RPA 163m²)	600 mm (Estimated)	24.0 m Clear Stem Height 10.0 m	N: 3.0 m E: 4.0 m S: 3.0 m W: 4.0 m	Mature Estimated Remaining Contribution 20 + Years	Part of a treeline of tall trees growing on the bank. The trees emerge above the leylandii hedge. Most growth to the west has been pruned away to 12.0 m height.	B 2	Retain
T 46	<i>Populus sp.</i> (Poplar sp.); (8.4m Radius of nominal circle; RPA 222m²)	700 mm (Estimated)	24.0 m Clear Stem Height 10.0 m	N: 3.0 m E: 4.0 m S: 3.0 m W: 4.0 m	Mature Estimated Remaining Contribution 20 + Years	Part of a treeline of tall trees growing on the bank. The trees emerge above the leylandii hedge. Most growth to the west has been pruned away to 12.0 m height.	B 2	Retain
T 47	<i>Populus sp.</i> (Poplar sp.); (9.6m Radius of nominal circle; RPA 290m²)	800 mm (Estimated)	24.0 m Clear Stem Height 10.0 m	N: 3.0 m E: 4.0 m S: 3.0 m W: 4.0 m	Mature Estimated Remaining Contribution 20 + Years	Part of a treeline of tall trees growing on the bank. The tree is twin stemmed from near the base. The tree emerges above the leylandii hedge. Most growth to the west has been pruned away to 12.0 m height.	B 2	Retain

CATEGORY DIVISION - BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'			
Trees to be considered for retention	1. Mainly Arboricultural Qualities	2. Mainly Landscape Qualities	3. Mainly cultural values, including conservation
Category A - Trees whose retention is most desirable to include; trees of high quality having an estimated longevity of over 40 years;	- Trees that are particularly good examples of their species, especially if rare or unusual	- Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	- 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.			