



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

MARTLET DEVELOPMENTS LTD

LAND TO REAR OF 276 ALDWICK ROAD

EXISTING TREE SCHEDULE AND SCHEDULE OF TREE WORKS

Project Reference:	LLD2330
Prepared By:	JH
Checked By:	GS
Position:	Senior Ecologist
Date	31st May 2022
Revision:	01

May 2022 - PLANNING ISSUE

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 01	<i>Cupressus x leylandii</i> (Leyland Cypress); (10.2m Radius of nominal circle; RPA 327m²)	850 mm	9.0 m Clear Stem Height 3.0 m	N: 3.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Over-Mature Estimated Remaining Contribution 10 + Years	The tree has previously been topped. Dense ivy is present to the stem and crown. The form is even, but growth is held slightly away from T 02. The tree provides some screening to the site.	C 2	Retain
T 02	<i>Cupressus x leylandii</i> (Leyland Cypress); (4.8m Radius of nominal circle; RPA 72m²)	400 mm	9.0 m Clear Stem Height 3.0 m	N: 0.0 m E: 3.0 m S: 4.0 m W: 4.0 m	Mature Estimated Remaining Contribution 10 + Years	The stem divides to a dominant and subdominant leader at 2.0 m height; the stems ascend steeply. The tree is heavily suppressed, particularly by T 03 to the north. Ground Protection: Operation zone within RPA.	C 2	Retain
T 03	<i>Cupressus x leylandii</i> (Leyland Cypress); (9m Radius of nominal circle; RPA 255m²)	735 mm	9.0 m Clear Stem Height 3.0 m	N: 4.0 m E: 4.0 m S: 3.0 m W: 4.0 m	Mature Estimated Remaining Contribution 10 + Years	The tree is dominant over the adjacent tree; the stem divides to a dominant and subdominant leader at 1.5 m height. The canopy is dense and displays light ivy growth. A large primary scaffold spreads to the south-east. Ground Protection: Operation zone within RPA. Tree Protection: No-Dig hard surface within RPA.	C 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 04	<i>Picea sp.</i> (Spruce sp.); (3.9m Radius of nominal circle; RPA 48m²)	312 mm	8.0 m Clear Stem Height 1.0 m	N: 3.0 m E: 3.0 m S: 2.0 m W: 3.0 m	Mature Estimated Remaining Contribution 10 + Years	The tree displays exposed roots to the east. There is little lower growth present to the south. The stem displays moderate ivy growth. Tree Surgery Works: Crown-lift to 4.0 m height. Ground Protection: Operation zone within RPA. Tree Protection: No-Dig hard surface within RPA.	C 2	Retain
SH 05	<i>Sambucus nigra</i> ; <i>Prunus sp.</i> (Common Elder; Cherry) (1.5m Radius of nominal circle; RPA 7m²)	120 mm	6.0 m Clear Stem Height 0.0 m	As Shown	Mature Estimated Remaining Contribution <10 Years	An area of shrubs, primarily of elder, much of which has been cut low and is of no value to the site. Shrub Removal: Remove shrubs due to condition.	U	Remove
T 06	<i>Chamaecyparis lawsoniana</i> (Lawson's Cypress); (8.4m Radius of nominal circle; RPA 222m²)	680 mm	8.0 m Clear Stem Height 3.0 m	N: 3.0 m E: 4.0 m S: 5.0 m W: 4.0 m	Mature Estimated Remaining Contribution <10 Years	The tree is sparse, holding all its growth at the branch tips. The stem divides into a number of densely-packed leaders at 1.5 m height. Suspended broken limbs are noted within the crown. Tree Surgery Works: Crown-reduce by 1.3 m to southern aspect. Ground Protection: Operation zone within RPA. Tree Protection: No-Dig hard surface, and pile-and-beam foundation within RPA.	C 1	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 07	<i>Cupressus x leylandii</i> (Leyland Cypress); (1.8m Radius of nominal circle; RPA 10m²)	150 mm	6.5 m Clear Stem Height 1.0 m	N: 1.5 m E: 1.5 m S: 1.5 m W: 1.5 m	Semi-Mature Estimated Remaining Contribution <10 Years	The tree divides into 2 no. stems at 2.0 m height. The tree is heavily suppressed by surrounding foliage and is likely already dead or about to completely fail in the near future. Tree Removal: Remove tree due to condition.	U	Remove
T 08	<i>Cupressus x leylandii</i> (Leyland Cypress); (3.9m Radius of nominal circle; RPA 48m²)	320 mm	7.0 m Clear Stem Height 2.0 m	N: 1.0 m E: 2.0 m S: 2.0 m W: 1.0 m	Mature Estimated Remaining Contribution <10 Years	The tree is covered in heavy ivy growth; foliage is still present however the tree is suppressed and will ultimately be outcompeted. Tree Removal: Remove tree due to condition.	U	Remove
T 09	<i>Chamaecyparis lawsoniana</i> (Lawson's Cypress) (6.9m Radius of nominal circle; RPA 150m²)	570 mm	9.0 m Clear Stem Height 1.0 m	N: 3.5 m E: 3.0 m S: 3.0 m W: 2.5 m	Mature Estimated Remaining Contribution 10 + Years	A tree of even, upright form dividing to 3 no. stems from 2.0 m height. A significant internal dieback is noted as is typical for the species. The tree is a feature of the site but is not of sufficiently good condition or form to merit a higher value. Tree Removal: Remove tree to accommodate proposals.	C 2	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 10	<i>Malus sp.</i> (Apple sp.); (1.2m Radius of nominal circle; RPA 5m²)	100 mm	4.5 m Clear Stem Height 0.0 m	N: 2.0 m E: 2.5 m S: 2.0 m W: 2.0 m	Mature Estimated Remaining Contribution <10 Years	The tree leans heavily to the east and displays rubbing limbs. The tree is likely to fail in the near future. Tree Removal: Remove tree due to condition.	U	Remove
T 11	<i>Malus sp.</i> (Apple sp.); (2.1m Radius of nominal circle; RPA 14m²)	160 mm	3.0 m Clear Stem Height 0.0 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 1.5 m	Mature Estimated Remaining Contribution 10 + Years	The tree displays a heavy lean east and a major wound at the base. Tree Removal: Remove tree due to condition.	U	Remove
T 12	<i>Malus sp.</i> (Apple sp.); (1.8m Radius of nominal circle; RPA 10m²)	136 mm	4.5 m Clear Stem Height 1.0 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 2.0 m	Mature Estimated Remaining Contribution 10 + Years	The tree is growing from an old stump, and leans to the north. Pruning scars are noted. The tree is of poor condition and adds nothing to the site. Tree Removal: Remove tree due to condition.	U	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 13	<i>Betula pendula</i> (Silver Birch) (4.5m Radius of nominal circle; RPA 64m²)	360 mm	8.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 4.0 m S: 3.0 m W: 2.0 m	Early Mature Estimated Remaining Contribution <10 Years	The tree displays heavy ivy growth and suppression by T 14. The stem leans out of the site to avoid shading; however the tree is likely to be severely limited by the large tree adjacent. Tree Removal: Remove tree due to condition.	U	Remove
T 14	<i>Cupressus macrocarpa</i> (Monterey Cypress); (10.2m Radius of nominal circle; RPA 327m²)	850 mm	8.0 m Clear Stem Height 2.0 m	N: 6.0 m E: 6.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 10 + Years	A tree holding a crown of rounded even form upon large primary scaffolds. Many pruning scars are noted as are rubbing major limbs. TPO/AW/26/10 T-1662 Tree Surgery Works: Crown-reduce by 1.0 m to western aspect. Ground Protection: Operation zone within RPA. Tree Protection: No-Dig pile-and-beam foundation within RPA.	B 2	Retain
T 15	<i>Cupressus x leylandii</i> (Leyland Cypress); (11.1m Radius of nominal circle; RPA 387m²)	904 mm	9.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 6.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 10 + Years	The tree is multistemmed from near the base - the union is dense and may contain included bark. Inspection was limited but the tree is not of good overall form. TPO/AW/26/10 T-1661 Ground Protection: Operation zone within RPA.	C 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 16	<i>Malus sp.</i> (Apple sp.); (0.9m Radius of nominal circle; RPA 3m²)	71 mm CSD	2.0 m Clear Stem Height 1.0 m	N: 1.0 m E: 0.0 m S: 1.0 m W: 2.0 m	Mature Estimated Remaining Contribution 0	The tree displays a number of fractures, and low overall vigour. Tree Removal: Remove tree due to condition.	U	Remove
T 17	<i>Malus sp.</i> (Apple sp.) (9m Radius of nominal circle; RPA 255m²)	750 mm	1.5 m Clear Stem Height 1.5 m	N: 1.0 m E: 0.0 m S: 1.0 m W: 2.0 m	Mature Estimated Remaining Contribution <10 Years	The tree is dead and overgrown with rose scrub.	U	Retain
T 18	<i>Sambucus nigra</i> (Common Elder); (3.0m Radius of nominal circle; RPA 28m²)	235 mm CSD	5.0 m Clear Stem Height 2.0 m	N: 1.0 m E: 2.0 m S: 2.5 m W: 2.0 m	Mature Estimated Remaining Contribution <10 Years	The tree is of scrubby multistemmed form, displaying dense foliage but poor overall condition.	U	Retain
SH 19	Mixed Species Tree and Shrubs (1.5m Radius of nominal circle; RPA 7m²)	120 mm	5.0 m Clear Stem Height 0.0 m	As Shown	Mature Estimated Remaining Contribution <10 Years	A group of small ornamental trees, growing to the east away from larger trees. The trees display minor deadwood, rubbing limbs and pruning scars. The trees are of poor form. Shrub Removal: Remove shrubs due to condition.	U	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 20	<i>Prunus sp.</i> (Cherry sp.); (2.4m Radius of nominal circle; RPA 18m²)	190 mm	7.0 m Clear Stem Height 1.0 m	N: 2.0 m E: 4.0 m S: 3.0 m W: 1.5 m	Mature Estimated Remaining Contribution 20 + Years	The tree displays vertical form from 3.0 m height; the foliage is held to the east.	C 2	Retain
T 21	<i>Fagus sylvatica 'Purpurea'</i> (Purple Beech) (10.5m Radius of nominal circle; RPA 346m²)	853 mm	11.0 m Clear Stem Height 1.0 m	N: 7.0 m E: 6.0 m S: 6.0 m W: 7.0 m	Mature Estimated Remaining Contribution 10 + Years	A fungal fruiting body is noted to the base with decay noted. The crown is dense and low with pruning scars and rubbing limbs noted. TPO/AW/26/10 T-1660	B 2	Retain
T 22	<i>Magnolia sp.</i> (Magnolia); (5.1m Radius of nominal circle; RPA 81m²)	420 mm	7.0 m Clear Stem Height 0.5 m	N: 4.0 m E: 5.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 40 + Years	The tree is of rounded, bushy form dividing to a number of limbs from near the base. The tree is a feature of the frontage. TPO/AW/26/10 T-1659	B 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 23	<i>Fagus sylvatica 'Purpurea'</i> (Purple Beech); (1.8m Radius of nominal circle; RPA 10m²)	134 mm CSD	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 40 + Years	A small tree growing from an older stump. The tree divides to 2 no. codominant stems from the base.	C 2	Retain
T 24	<i>Prunus sp.</i> (Cherry sp.); (3.0m Radius of nominal circle; RPA 28m²)	241 mm CSD	11.0 m Clear Stem Height 1.0 m	N: 2.0 m E: 3.5 m S: 2.0 m W: 0.5 m	Semi-Mature Estimated Remaining Contribution 20 + Years	A tree which divides to codominant leaders from the base on a poor union. The tree leans slightly east. The tree is yet to mature and will compete with the adjacent cherry.	C 2	Retain
T 25	<i>Prunus sp.</i> (Cherry sp.) (4.5m Radius of nominal circle; RPA 64m²)	360 mm	11.0 m Clear Stem Height 2.0 m	N: 3.0 m E: 2.0 m S: 3.0 m W: 3.0 m	Mature Estimated Remaining Contribution 20 + Years	A garden tree of good, even form and strong branching. The stem divides to codominant leaders from 4.0 m height.	B 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 26	<i>Sambucus nigra</i> (Common Elder); (4.5m Radius of nominal circle; RPA 64m²)	371 mm	7.0 m Clear Stem Height 1.0 m	N: 2.0 m E: 3.0 m S: 2.5 m W: 2.0 m	Mature Estimated Remaining Contribution <10 Years	A dense scrubby multistemmed tree, displaying lots of minor deadwood.	C 2	Retain
T 27	<i>Prunus sp.</i> (Cherry sp.); (3.3m Radius of nominal circle; RPA 34m²)	258 mm	7.0 m Clear Stem Height 2.0 m	N: 3.0 m E: 3.0 m S: 3.0 m W: 2.0 m	Mature Estimated Remaining Contribution <10 Years	The tree is multistemmed from 1.0 m height, displaying overall even form but with heavy ivy growth and rubbing limbs.	C 2	Retain
T 28	<i>Ulmus sp.</i> (Elm sp.); (4.2m Radius of nominal circle; RPA 55m²)	350 mm CSD	10.0 m Clear Stem Height 2.0 m	N: 3.0 m E: 5.0 m S: 5.0 m W: 4.0 m	Mature Estimated Remaining Contribution 40 + Years	A large subdominant leader divides off at 1.0 m height to the east. The tree is otherwise of dense, even form, displaying minor pruning scars.	C 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 29	<i>Aesculus hippocastanum</i> (Horse Chestnut) (3.9m Radius of nominal circle; RPA 48m²)	320 mm	9.0 m Clear Stem Height 2.5 m	N: 2.0 m E: 3.0 m S: 4.0 m W: 3.0 m	Mature Estimated Remaining Contribution 20 + Years	A tree of even form, with a number of large primary scaffolds forming the crown. Occluded pruning scars are noted to the stem and lower limbs.	C 2	Retain
T 30	<i>Acer pseudoplatanus</i> (Sycamore); (4.5m Radius of nominal circle; RPA 64m²)	376 mm	12.0 m Clear Stem Height 5.0 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Mature Estimated Remaining Contribution 40 + Years	The tree divides to codominant leaders at 5.0 m height; The crown is of even form with moderate deadwood stubs noted.	B 2	Retain
SH 31	<i>Sambucus nigra</i> (Common Elder); (1.5m Radius of nominal circle; RPA 7m²)	120 mm	5.0 m Clear Stem Height 0.0 m	As Shown	Mature Estimated Remaining Contribution 10 + Years	A group of shrubs, mostly elder and brambel, of poor form outside of the site within the grassland. Tree Removal: Remove tree to accommodate proposals.	C 2	Remove
T 32	<i>Acer campestre</i> (Field Maple); (6.6m Radius of nominal circle; RPA 137m²)	550 mm	11.0 m Clear Stem Height 1.0 m	N: 6.0 m E: 5.0 m S: 3.0 m W: 5.0 m	Mature Estimated Remaining Contribution <10 Years	The tree displays damaged bark with early decay of the heartwood noted to the south of the stem, between the ground and 2.0 m height. The wound is occluding but is likely too large to fully seal.	U	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 33	<i>Crataegus monogyna</i> (Hawthorn) (3.6m Radius of nominal circle; RPA 41m²)	300 mm	5.0 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 scrubby tree covered in heavy ivy which limits its inspection. The tree is of low overall value.	C 2	Retain
T 34	<i>Acer platanoides</i> (Norway Maple); (7.5m Radius of nominal circle; RPA 177m²)	610 mm	12.0 m Clear Stem Height 4.0 m	N: 6.5 m E: 7.0 m S: 4.0 m W: 5.0 m	Mature Estimated Remaining Contribution 10 + Years	A street tree within the grassland outside of the site. The tree leans to the north, and shows evidence of crown-lifting.	B 2	Retain
T 35	<i>Acer platanoides</i> (Norway Maple); (6.0m Radius of nominal circle; RPA 113m²)	480 mm	10.0 m Clear Stem Height 3.0 m	N: 2.5 m E: 5.0 m S: 6.0 m W: 4.5 m	Mature Estimated Remaining Contribution 10 + Years	A street tree within the grassland outside of the site. The tree leans to the south, and shows evidence of crown-lifting. A tear-out is noted at 7.0 m height.	B 2	Retain
T 36	<i>Prunus sp.</i> (Cherry sp.); (5.7m Radius of nominal circle; RPA 102m²)	460 mm	7.0 m Clear Stem Height 0.0 m	N: 4.5 m E: 4.0 m S: 3.0 m W: 4.0 m	Over-Mature Estimated Remaining Contribution <10 Years	The tree divides to twin stems at 0.5 m height; bark inclusion is noted to the unions. The trunk is damaged with the heartwood exposed and decaying.	U	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 37	<i>Cupressus x leylandii</i> (Leyland Cypress) (3.3m Radius of nominal circle; RPA 34m²)	271 mm	11.0 m Clear Stem Height 1.5 m	N: 4.0 m E: 2.0 m S: 4.0 m W: 3.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The tree divides to twin stems at 5.0 m height. The stem displays a slight lean north before correctng to the south. Internal dieback is noted and typical for the species.	C 1	Retain
TL 38	<i>Carpinus betulus</i> (Hornbeam); (4.2m Radius of nominal circle; RPA 55m²)	341 mm Average	10.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 5.0 m S: 5.0 m W: 5.0 m	Early Mature Estimated Remaining Contribution 10 + Years	A line of planted trees, whose crowns have been lifted to 2.0 m height. The main unions are dense and display a number of minor failures. Minor root exposure us noted and likely caused by pedestrian traffic.	B 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
SH 39	<i>Rubus fruitcosus</i> ; <i>Prunus sp.</i> ; <i>Ulmus sp.</i> ; <i>Rosa sp.</i> (Bramble; Cherry; Elm; Rose) (2.1m Radius of nominal circle; RPA 14m²)	159 mm Average	5.0 m Clear Stem Height 0.0 m	As Shown	Semi-Mature Estimated Remaining Contribution 10 + Years	Self-seeded shrubs and small trees growing along the boundary. The vegetation provides minor screening value beneath the trees. The vegetation leans east into the garden.	C 2	Retain
SH 40	<i>Rubus fruiticosus</i> ; <i>Buddleja davidii</i> ; <i>Sambucus nigra</i> (Bramble; Buddleia; Elder) (2.1m Radius of nominal circle; RPA 14m²)	159 mm Average	3.0 m Clear Stem Height 0.0 m	As Shown	Semi-Mature Estimated Remaining Contribution 10 + Years	A patch of overgrown shrubs and scrub, providing no real value to the site.	C 2	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.