



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

DOMUSEA DEVELOPMENTS LTD

SPRINGFIELDS, HOOK LANE, ALDINGBOURNE

EXISTING TREE SCHEDULE

Project Reference:	LLD1680
Prepared By:	GS
Checked By:	JJ
Position:	Principal
Date	06.11.20
Revision:	03

NOVEMBER 2020 - PLANNING ISSUE

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
H 01	<i>Lonicera nitida</i> (Shrub Honeysuckle); (1.2m Radius of nominal circle; RPA 5m²)	80 mm Average	2.0 m Clear Stem Height 0.0 m	As Shown	Semi-Mature Estimated Remaining Contribution 10 + Years	A neat, dense, ornamental hedge, offering no significant arboricultural value but providing some minor low-level screening.	C 2	Remove
T 02	<i>Crataegus monogyna</i> (Hawthorn); (3.3m Radius of nominal circle; RPA 34m²)	275 mm (Estimated)	6.0 m Clear Stem Height 2.0 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Growing in an adjacent garden - access was limited for inspection. The tree displays an even form and no major defects. The wall is likely to prevent root ingress into the site.	C 1	Retain
H 03	<i>Corylus avellana</i> (Hazel); (2.1m Radius of nominal circle; RPA 14m²)	173 mm CSD	2.0 m Clear Stem Height 0.0 m	N: 1.5 m E: 1.0 m S: 1.5 m W: 0.5 m	Early Mature Estimated Remaining Contribution 10 + Years	A defunct hedge formed of three hazel stools; the stems have been heavily pruned to the height of the wall. The vegetation provides no significant value.	C 1	Remove
TG 04	<i>Acer campestre</i> (Field Maple); (5.7m Radius of nominal circle; RPA 102m²)	452 mm CSD	11.0 m Clear Stem Height 1.0 m	N: 4.5 m E: 1.5 m S: 5.0 m W: 4.5 m	Mature Estimated Remaining Contribution 10 + Years	An old hedge remnant now a pair of gnarly multistemmed trees; with the main union near the base. Heavy climber growth is noted as are moderate limb failures and fusions. The trees provide some screening.	C 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 05	<i>Acer campestre</i> (Field Maple); (9.6m Radius of nominal circle; RPA 290m²)	780 mm CSD	12.0 m Clear Stem Height 1.0 m	N: 5.0 m E: 4.0 m S: 5.0 m W: 3.0 m	Over-Mature Estimated Remaining Contribution 10 + Years	An old hedge remnant now a tree consisting of 6 no. stems from near the base. The union holds some water and a number of the limbs have fused higher up. The vertical leaders grow away from adjacent trees. The tree is large but not of good form.	C 2	Retain
T 06	<i>Cupressus macrocarpa</i> (Monterey Cypress); (9m Radius of nominal circle; RPA 255m²)	732 mm	10.0 m Clear Stem Height 3.0 m	N: 5.0 m E: 4.5 m S: 8.0 m W: 4.5 m	Mature Estimated Remaining Contribution 10 + Years	The tree exhibits little growth to the north and west; much of the growth to the east is dead. The Crown divides at 3.0 m height; a major failure is noted at 6.0 m height to the north. The tree displays numerous pruning scars and deadwood.	C 2	Retain
SH 07	<i>Mixed Species Native Shrubs</i> ; (1.5m Radius of nominal circle; RPA 7m²)	113 mm Average	8.0 m Clear Stem Height 0.0 m	As Shown	Semi-Mature Estimated Remaining Contribution 10 + Years	An area of vegetation formed of old hedge and self-seeded scrub and saplings. The trees are generally multistemmed and of poor form. The vegetation suffers from heavy overshadowing.	C 2/3	Retain
T 08	<i>Cupressus macrocarpa</i> (Monterey Cypress); (12.9m Radius of nominal circle; RPA 519m²)	1057 mm	16.0 m Clear Stem Height 4.5 m	N: 5.0 m E: 3.0 m S: 9.0 m W: 7.5 m	Mature Estimated Remaining Contribution 20 + Years	The tree exhibits a broad, flared base which sweeps slightly to the east. The crown is dense and displays lots of internal dieback as is typical. The Growth is mainly held to the south. Tree Surgery Works: Crown reduction of 1.8 m to the south. Ground Protection: Operation Zone Within RPA.	B 1	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 09	<i>Cupressus macrocarpa</i> (Monterey Cypress); (5.1m Radius of nominal circle; RPA 81m²)	423 mm	12.0 m Clear Stem Height 2.0 m	N: 1.0 m E: 0.5 m S: 2.0 m W: 0.5 m	Semi-Mature Estimated Remaining Contribution <10 Years	A dead tree which is heavily decayed. The stem divides to codominant leaders at 1.5 m height. Several branches still remain but are devoid of foliage.	U	Remove
T 10	<i>Cupressus macrocarpa</i> (Monterey Cypress); (12.6m Radius of nominal circle; RPA 499m²)	1035 mm	16.0 m Clear Stem Height 3.0 m	N: 6.0 m E: 6.0 m S: 8.0 m W: 3.0 m	Mature Estimated Remaining Contribution 20 + Years	The tree holds its growth away from other trees to the west. The tree displays a dense crown with lots of internal deadwood, but no other significant defects. Ground Protection: Operation Zone Within RPA.	B 1	Retain
TG 11	<i>Malus sp.</i> (Apple sp.); (2.4m Radius of nominal circle; RPA 18m²)	194 mm Average	4.0 m Clear Stem Height 1.5 m	N: 2.5 m E: 1.0 m S: 2.5 m W: 3.5 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A small group of ornamental trees. The crowns divide around 1.5 m height. The stems generally lean west with small decaying cavities noted. The crowns are generally dense. The trees offer little value and are of limited longevity.	C 1	Remove
T 12	<i>Malus sp.</i> (Apple sp.); (3.6m Radius of nominal circle; RPA 41m²)	296 mm	5.0 m Clear Stem Height 1.0 m	N: 0.0 m E: 3.5 m S: 5.5 m W: 1.5 m	Over-Mature Estimated Remaining Contribution <10 Years	The tree divides to dominant and subdominant leaders at 1.5 m height; the dominant leader has been topped at 2.0 m height. All growth is held to the south and east. An old leader has been removed at the base and has resulted in decay. The tree is in decline and of limited longevity.	U	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 13	<i>Prunus sp.</i> (Cherry sp.) (4.2m Radius of nominal circle; RPA 55m²)	335 mm CSD	11.0 m Clear Stem Height 1.0 m	N: 1.0 m E: 9.0 m S: 6.0 m W: 0.0 m	Early Mature Estimated Remaining Contribution 10 + Years	The tree divides to codominant leaders at 0.5 m height; the union displays a 40.0 cm bark inclusion. A cavity is noted at 1.0 m height to the south. The southern leader has been cut at 2.5 m height and the remainder has partly died back. The tree displays vigorous growth to the east with several further pruning scars and failures noted. The defects are likely to result in the ultimate failure of the tree.	C 1	Remove
T 14	<i>Malus sp.</i> (Apple sp.); (5.7m Radius of nominal circle; RPA 102m²)	458 mm	6.0 m Clear Stem Height 1.5 m	N: 1.5 m E: 5.0 m S: 5.5 m W: 3.0 m	Mature Estimated Remaining Contribution 10 + Years	The tree leans south-east into the site; the ground behind displays some heave. Several major pruning scars are noted to the stem. The crown is dense and droops to the south-east. The tree holds limited value or longevity.	C 1	Remove
T 15	<i>Quercus robur</i> (Pedunculate Oak); (8.4m Radius of nominal circle; RPA 222m²)	700 mm	12.0 m Clear Stem Height 4.0 m	N: 8.0 m E: 5.5 m S: 9.0 m W: 1.5 m	Early Mature Estimated Remaining Contribution 20 + Years	The tree's stem leans south into the site. A mammal hole is noted to the base. The stem divides to codominant leaders. Ground Protection: Operation Zone Within RPA.	B 1/2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 16	<i>Cupressus macrocarpa</i> (Monterey Cypress); (6.3m Radius of nominal circle; RPA 124m²)	524 mm CSD	10.5 m Clear Stem Height 1.5 m	N: 7.0 m E: 8.0 m S: 7.0 m W: 1.5 m	Over-Mature Estimated Remaining Contribution <10 Years	The tree divides to dominant and subdominant eaders at 1.5 m height. The tree leans heavily to the east. The subdominant leaders grow to the south-east and east. Several major hazard beams are noted to the south. Significant internal deadwood and dieback are noted. A fence wire has become included in the stem; the stem is leaning onto the adjacent stable. The tree is of poor form and limited longevity, and is suppressing the adjacent oak tree.	U	Remove
TL 17	<i>Corylus avellana</i> ; <i>Crataegus monogyna</i> (Hazel; Hawthorn); (2.7m Radius of nominal circle; RPA 23m²)	212 mm Average	6.5 m Clear Stem Height 0.0 m	N: 3.0 m E: 2.5 m S: 2.5 m W: 2.5 m	Early Mature Estimated Remaining Contribution 10 + Years	A defunct hedge, now a group of shrubby trees. The vegetation was possible once part of an older boundary hedgerow. Blackthorn is noted beneath. The vegetation has some value but is gappy and of poor form. Ground Protection: Operation Zone Within RPA. Tree Protection: Drainage connection within RPA - trial excavation and directional drilling if required - see LLD1680-ASRB-REP-001-05 - AIA Section 4.7-4.8.	C 2/3	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 18	<i>Fraxinus excelsior</i> (Ash); (7.8m Radius of nominal circle; RPA 191m²)	650 mm (Estimated)	15.0 m Clear Stem Height 1.5 m	N: 8.0 m E: 7.0 m S: 8.0 m W: 8.0 m	Early Mature Estimated Remaining Contribution 20 + Years	The tree divides to codominant leaders at 2.0 m height; a bark inclusion is noted to the union between 1.7-3.0 m height. The northern leader is vertical whilst the south-western leader spreads south over the site and droops low. Several moderate failures are noted within the crown. The roots display moderate exposure however the roots are not damaged. Tree Surgery Works: Crown reduction of 1.8 m to the south. Ground Protection: Operation Zone Within RPA. Tree Protection: Drainage connection within RPA - trial excavation and directional drilling if required - see LLD1680-ASRB-REP-001-05 - AIA Section 4.7-4.8.	B 2	Retain
T 19	<i>Fraxinus excelsior</i> (Ash); (3.0m Radius of nominal circle; RPA 28m²)	231 mm CSD	11.0 m Clear Stem Height 3.0 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 0.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The tree divides to codominant leaders from the base; bark inclusion is noted within the union. A wooden fence has become fused at 1.0 m height. Growth is held to the east; several rubbing branches are noted within the crown.	C 1	Retain
TG 20	<i>Fraxinus excelsior</i> (Ash); (2.7m Radius of nominal circle; RPA 23m²)	207 mm CSD	12.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 2.0 m S: 5.0 m W: 3.5 m	Semi-Mature Estimated Remaining Contribution <10 Years	A group of three young trees; two of which are twin-stemmed and one of which was single-stemmed. One of the trees displays heavy canker. The stems are kinked and the trees are sparse. Tree Protection: Drainage connection within RPA - trial excavation and directional drilling if required - see LLD1680-ASRB-REP-001-05 - AIA Section 4.7-4.8.	C 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 21	<i>Cupressus macrocarpa</i> (Monterey Cypress) (11.7m Radius of nominal circle; RPA 430m²)	955 mm (Estimated)	13.0 m Clear Stem Height 2.0 m	N: 6.0 m E: 8.0 m S: 4.0 m W: 6.0 m	Mature Estimated Remaining Contribution 10 + Years	The tree is multistemmed from 2.0 m height. The stems lean north and grow to the north and east. The crown is broad but exhibits sparse growth. Lots of internal deadwood is noted. Tree Protection: Drainage connection within RPA - trial excavation and directional drilling if required - see LLD1680-ASRB-REP-001-05 - AIA Section 4.7-4.8.	C 2	Retain
T 22	<i>Cupressus macrocarpa</i> (Monterey Cypress); (6.0m Radius of nominal circle; RPA 113m²)	500 mm (Estimated)	9.0 m Clear Stem Height 3.0 m	N: 0.0 m E: 4.0 m S: 5.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 10 + Years	The tree divides to dominant and subdominant leaders at 2.0 m height. The upper crown has merged with T 21. Heavy ivy cover is noted to the north-west. The foliage is sparse overall.	C 1	Retain
T 23	<i>Quercus robur</i> (Pedunculate Oak); (6.0m Radius of nominal circle; RPA 113m²)	500 mm (Estimated)	13.5 m Clear Stem Height 3.0 m	N: 7.0 m E: 8.5 m S: 8.0 m W: 8.5 m	Early Mature Estimated Remaining Contribution 40 + Years	The tree is covered in moderate ivy and inspection was limited. The tree displays a straight stem which divides low to dense, even branching. There is little lower growth noted to the north.	A 1	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 24	<i>Cupressus macrocarpa</i> (Monterey Cypress); (15m Radius of nominal circle; RPA 707m²)	1300 mm (Estimated)	17.0 m Clear Stem Height 4.0 m	N: 10.0 m E: 10.0 m S: 6.0 m W: 11.0 m	Mature Estimated Remaining Contribution 20 + Years	A dominant tree, which displays little growth to the south but with an otherwise broad, domed and dense crown which divides low on the stem. Several rubbing limbs and narrow unions are noted to the stem; the tree is in reasonable overall form.	B 1/2	Remove
TG 25 (i)	<i>Cupressus macrocarpa</i> (Monterey Cypress) (5.4m Radius of nominal circle; RPA 92m²)	450 mm (Estimated)	15.0 m Clear Stem Height 2.0 m	N: 2.0 m E: 4.0 m S: 3.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution <10 Years	One of a pair of heavily suppressed trees, displaying no / very little foliage. Tree (i) appears dead. A major wound has exposed the heartwood to decay.	U	Remove
TG 25 (ii)	<i>Cupressus macrocarpa</i> (Monterey Cypress); (8.4m Radius of nominal circle; RPA 222m²)	700 mm (Estimated)	15.0 m Clear Stem Height 2.0 m	N: 2.0 m E: 4.0 m S: 3.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution <10 Years	One of a pair of heavily suppressed trees, displaying no / very little foliage. Tree (ii) appears nearly dead. A major wound has exposed the heartwood to decay.	U	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 26	<i>Cupressus macrocarpa</i> (Monterey Cypress); (14.4m Radius of nominal circle; RPA 652m²)	1200 mm	15.0 m Clear Stem Height 2.0 m	N: 2.5 m E: 8.0 m S: 8.0 m W: 9.0 m	Mature Estimated Remaining Contribution 10 + Years	The tree's crown divides at 5.0 m height; the growth to the west is dense and growth to the north is limited. A major wound is noted from the ground to 2.0 m height to the north-west; significant heartwood is exposed despite attempts to occlude. The wound is occluding but the heartwood is heavily exposed. The fence has become included into the stem.	C 1/2	Remove
SH 27	<i>Prunus sp.</i> (Cherry sp.); (1.8m Radius of nominal circle; RPA 10m²)	150 mm Average	6.0 m Clear Stem Height 0.0 m	As Shown	Young Estimated Remaining Contribution 10 + Years	A group of scrubby multistemmed trees leaning to the north-west. Several stems are failing. The vegetation offers limited value. Tree Surgery Works: Prune back northern aspect to the site boundary.	C 1	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
SH 28	Mixed Species Shrubs and Scrub; (2.4m Radius of nominal circle; RPA 18m²)	200 mm Average	7.0 m Clear Stem Height 0.0 m	As Shown	Young Estimated Remaining Contribution 10 + Years	A group of scrubby trees and scrub of poor form, providing only minor screening and some limited value for wildlife.	C 2/3	Retain
T 29	<i>Cupressus macrocarpa</i> (Monterey Cypress); (15m Radius of nominal circle; RPA 707m²)	1232 mm	16.0 m Clear Stem Height 2.0 m	N: 10.5 m E: 10.5 m S: 9.5 m W: 11.0 m	Mature Estimated Remaining Contribution 20 + Years	The crown divides at 2.0 m height; major hazard beams and branch stubs are noted at 2.0 m height. A broad seam between 0-5.0 m height has exposed heartwood. The crown is broad with light ivy growth and lots of internal deadwood. The tree displays a slight lean north. The tree is a dominant feature; however, due to the defects noted its longevity is limited.	B 1/2	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.