



LIZARD

Landscape Design and Ecology

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

DOMUSEA DEVELOPMENTS

RYEFIELDS FARMHOUSE, OAK TREE LANE, WOODGATE

EXISTING TREE SCHEDULE

Project Reference:	LLD2289
Prepared By:	JH
Checked By:	GS
Position:	Assistant Ecologist
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SEPTEMBER 2021 - PLANNING ISSUE

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 01	<i>Acer pseudoplatanus</i> (Sycamore); (5.7m Radius of nominal circle; RPA 102m²)	455 mm	60.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 7.0 m S: 2.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 40 + Years	Tree of good even form growing in close proximity to surrounding trees potentially limiting future growth	B 2	Retain
T 02	<i>Acer pseudoplatanus</i> (Sycamore); (5.7m Radius of nominal circle; RPA 102m²)	460 mm	8.0 m Clear Stem Height 2.0 m	N: 2.0 m E: 2.0 m S: 5.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 40 + Years	Tree of good even form growing in close proximity to surrounding trees potentially limiting future growth	B 2	Retain
T 03	<i>Acer pseudoplatanus</i> (Sycamore); (3.6m Radius of nominal circle; RPA 41m²)	280 mm	8.0 m Clear Stem Height 3.0 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	tree of fair quality, growing in close proximity to surrounding trees limiting its future growth	C 1	Retain
T 04	<i>Acer pseudoplatanus</i> (Sycamore); (4.8m Radius of nominal circle; RPA 72m²)	396 mm	8.0 m Clear Stem Height 1.0 m	N: 2.0 m E: 7.0 m S: 5.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 40 + Years	Tree of good even form growing in close proximity to surrounding trees potentially limiting future growth	B 1	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 05	<i>Betulus pendula</i> (Silver Birch) (4.2m Radius of nominal circle; RPA 55m²)	344 mm	8.0 m Clear Stem Height 1.0 m	N: 1.0 m E: 1.5 m S: 1.0 m W: 1.5 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Proportionally smaller tree growing just off the existing boundary.	C 1	Remove
T 06	<i>Betulus pendula</i> (Silver Birch); (3.6m Radius of nominal circle; RPA 41m²)	292 mm	8.0 m Clear Stem Height 0.0 m	N: 4.5 m E: 5.0 m S: 6.0 m W: 6.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Tree of upright form with wide splayed canopy	C 1	Retain
T 07	<i>Fagus sylvatica</i> (Beech); (2.4m Radius of nominal circle; RPA 18m²)	180 mm	7.0 m Clear Stem Height 1.3 m	N: 2.0 m E: 5.0 m S: 3.0 m W: 5.0 m	Young Estimated Remaining Contribution 40 + Years	Tree of good condition with tall upright form	C 1	Retain
T 08	<i>Betula pendula</i> (Silver Birch); (3.9m Radius of nominal circle; RPA 48m²)	306 mm	6.0 m Clear Stem Height 0.0 m	N: 4.0 m E: 5.0 m S: 4.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Tree of tall upright form, providing moderate screening to the site from adjacent field, though only covering a small aspect	C 1	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 09	<i>Acer pseudoplatinus</i> (Sycamore) (5.4m Radius of nominal circle; RPA 92m²)	430 mm	7.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 4.0 m S: 3.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Tree of tall upright form, providing moderate screening to the site from adjacent field, though only covering a small aspect	C 1	Remove
T 10	<i>Acer pseudoplatinus</i> (Sycamore); (3.9m Radius of nominal circle; RPA 48m²)	311 mm	7.0 m Clear Stem Height 1.0 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Tree of tall upright form, providing screening to the site from adjacent field, though only covering a small aspect	C 1	Remove
T 11	<i>Acer pseudoplatinus</i> (Sycamore); (3.6m Radius of nominal circle; RPA 41m²)	284 mm	7.0 m Clear Stem Height 1.0 m	N: 4.0 m E: 3.0 m S: 4.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Tree providing moderate screening to the site from adjacent field, though only covering a small aspect	C 1	Remove
T 12	<i>Betula pendula</i> (Silver Birch); (5.7m Radius of nominal circle; RPA 102m²)	452 mm	9.0 m Clear Stem Height 1.0 m	N: 6.0 m E: 2.0 m S: 6.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Tree of moderate quality situated to the south eastern boundary, canopy held to the western aspect.	B 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 13	<i>Prunus sp</i> (Cherry sp.) (2.4m Radius of nominal circle; RPA 18m²)	200 mm	6.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 3.0 m S: 3.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Tree of low quality, previous pruning scars present.	C 1	Retain
T 14	<i>Acer pseudoplatanus</i> (Sycamore); (6.9m Radius of nominal circle; RPA 150m²)	566 mm	12.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 5.0 m S: 4.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	tree of low quality, some minor deadwood noted to the crown with thinning previous recorded to the upper crown.	C 1	Retain
T 15	<i>Salix babylonica</i> (Weeping Willow); (8.1m Radius of nominal circle; RPA 206m²)	660 mm	10.0 m Clear Stem Height 2.5 m	N: 5.5 m E: 5.0 m S: 4.0 m W: 5.5 m	Mature Estimated Remaining Contribution 20 + Years	Tree of moderate value, providing moderate screening to the site from adjacent field.	B 2	Retain
T 16	<i>Chamaecyparis Lawsoniana</i> (Lawson's Cypress); (3.6m Radius of nominal circle; RPA 41m²)	300 mm	6.0 m Clear Stem Height 1.0 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	small tree growing under T15's canopy.	C 1	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 17	<i>Cedrus atlantica</i> (Blue Atlas Cedar) (3.6m Radius of nominal circle; RPA 41m²)	300 mm	12.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 5.0 m S: 4.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 40 + Years	Tree of strong vigour located to the north eastern aspect of the site, the tree has a strong even canopy.	B 2	Remove
T 18	<i>Cupressus × leylandii</i> , (Leyland Cypress); (9.3m Radius of nominal circle; RPA 272m²)	760 mm	10.0 m Clear Stem Height 1.0 m	N: 1.0 m E: 4.0 m S: 5.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Large cypress tree located to the north eastern aspect of the site, the tree is of tall even form with fairly even canopy and slight southern lean.	C 1	Remove
T 19	<i>Cupressus × leylandii</i> , (Leyland Cypress); (6.6m Radius of nominal circle; RPA 137m²)	549 mm	10.0 m Clear Stem Height 1.5 m	N: 4.0 m E: 4.0 m S: 1.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Tree growing just north of T18, canopy growth held to the north	C 1	Remove
T20	<i>Quercus robur</i> (Pedunculate Oak); (10.2m Radius of nominal circle; RPA 327m²)	830 mm	10.0 m Clear Stem Height 0.0 m	N: 7.0 m E: 7.0 m S: 7.0 m W: 7.0 m	Mature Estimated Remaining Contribution 40 + Years	Large oak tree growing just offsite on the roadside, tree is large with several burls noted throughout the stem. Tree has a large even canopy. Tree covered under Tree preservation order: TPO/AL/1/19 T1	B 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 21	<i>Prunus sp</i> (Cherry sp.) (1.2m Radius of nominal circle; RPA 5m ²)	100 mm	5.0 m Clear Stem Height 1.5 m	N: 3.0 m E: 3.0 m S: 4.0 m W: 3.0 m	Young Estimated Remaining Contribution 0	Small tree located just inside the site, growth is limited by surrounding trees.	C 1	Remove
T 22	<i>Crataegus monogyna</i> (Hawthorn); (2.4m Radius of nominal circle; RPA 18m ²)	200 mm	5.0 m Clear Stem Height 1.0 m	N: 2.0 m E: 3.0 m S: 2.0 m W: 2.0 m	Young Estimated Remaining Contribution 20 + Years	Tree located to the north of the site, growth is limited by surrounding trees. Minor bark damage noted throughout	C 1	Remove
T 23	<i>Crataegus monogyna</i> (Hawthorn); (4.2m Radius of nominal circle; RPA 55m ²)	350 mm	5.0 m Clear Stem Height 1.0 m	N: 3.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Tree located to the north of the site, growth is limited by surrounding trees. Minor bark damage noted throughout. Canopy is even and well held	C 1	Remove
T24	<i>Quercus robur</i> (Pedunculate Oak); (2.4m Radius of nominal circle; RPA 18m ²)	200 mm	6.0 m Clear Stem Height 1.5 m	N: 3.0 m E: 4.0 m S: 3.0 m W: 4.0 m	Young Estimated Remaining Contribution 40 + Years	Tree located to the north of the site, growth is limited by surrounding trees. Minor bark damage noted throughout	C 1	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T25	<i>Chamaecyparis Lawsoniana</i> (Lawson's Cypress) (2.4m Radius of nominal circle; RPA 18m²)	180 mm	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	Semi-Mature Estimated Remaining Contribution 40 + Years	'Tree located to the north of the site, growth is limited by surrounding trees. Minor bark damage noted throughout. Canopy is even and well held	C 1	Remove
T 26	<i>Chamaecyparis Lawsoniana</i> (Lawson's Cypress); (2.4m Radius of nominal circle; RPA 18m²)	200 mm	6.0 m Clear Stem Height 0.0 m	N: 2.0 m E: 3.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 40 + Years	Tree located to the north of the site, growth is limited by surrounding trees. Minor bark damage noted throughout. Canopy is even and well held	C 1	Remove
T 27	<i>Castanea sativa</i> (Sweet Chestnut); (2.4m Radius of nominal circle; RPA 18m²)	180 mm	6.0 m Clear Stem Height 1.0 m	N: 3.0 m E: 4.0 m S: 4.0 m W: 2.0 m	Young Estimated Remaining Contribution 40 + Years	Tree located to the north of the site, growth is limited by surrounding trees. Minor bark damage noted throughout.	C 1	Remove
T 28	<i>Acer pseudoplatinus</i> (Sycamore); (7.5m Radius of nominal circle; RPA 177m²)	621 mm	10.0 m Clear Stem Height 1.0 m	N: 5.0 m E: 5.0 m S: 4.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Tree located to the north of the site, tree growing above surrounding trees. Canopy is even and well held	C 1	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 29	<i>Quercus robur</i> (Pedunculate Oak) (3.0m Radius of nominal circle; RPA 28m²)	250 mm	8.0 m Clear Stem Height 1.5 m	N: 8.0 m E: 7.0 m S: 7.0 m W: 6.0 m	Mature Estimated Remaining Contribution 20 + Years	Moderate sized oak tree growing just offsite on the roadside, tree is h several burls and epicormic growth noted throughout the stem. Tree has a large even canopy.	B 2	Remove
T 30	<i>Crataegus monogyna</i> (Hawthorn); (8.4m Radius of nominal circle; RPA 222m²)	700 mm	5.0 m Clear Stem Height 1.5 m	N: 2.0 m E: 4.0 m S: 3.0 m W: 4.0 m	Mature Estimated Remaining Contribution 10 + Years	Tree growing just offsite under T29's canopy likely limiting future growth.	C 1	Remove
TG 31	<i>Quercus robur</i> Mixed Species Native Tree Group; N/a	N/a	up to 7.0 m Clear Stem Height 0.0 m	N: 0.0 m E: 0.0 m S: 0.0 m W: 0.0 m	Young Estimated Remaining Contribution 40 + Years	Mixed species of smaller understory trees growing to the site boundary, access limited at time of survey. Provides moderate lower screening. Species include Plum, Silver birch and sycamore.	C 1	Retain
TG 32	<i>Cupressus × leylandii</i> (Leyland Cypress); (2.4m Radius of nominal circle; RPA 18m²)	180 mm Average Estimated	up to 12.00m Clear Stem Height 1.0 m	N: E: S: As Shown W:	Mature Estimated Remaining Contribution 10 + Years	Tree group growing to the south east of the site, tree group provides strong screening to the site from adjacent field.	C 1	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TG 33	<i>Chamaecyparis Lawsoniana</i> (Lawson's Cypress) (2.4m Radius of nominal circle; RPA 18m²)	175 mm Average Estimated	up to 8.0m Clear Stem Height 1.0 m	N: E: As S: Shown W:	Semi-Mature Estimated Remaining Contribution 10 + Years	Small group of cypress trees providing a small screen next to a on site footpath. Trees are of even form with minor bark damage noted.	C 1	Remove
H 34	<i>Acer pseudoplatanus</i> (Sycamore); (0m Radius of nominal circle; RPA 0m²)	0 mm	up to 2.0m Clear Stem Height 0.0 m	N: E: As S: Shown W:	Semi-Mature Estimated Remaining Contribution 40 + Years	Hedgerow growing along the southern boundary, the hedgerow at time of survey had recently been pruned reducing screening value at time of survey.	C 1	Retain
T35	<i>Cupressus × leylandii</i> (Leyland Cypress); (8.4m Radius of nominal circle; RPA 222m²)	700 mm	12.0 m Clear Stem Height 1.5 m	N: 6.0 m E: 5.0 m S: 9.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Tree growing in close proximity to T36. the two trees are being used as log pile storage. Minor bark damage is noted as a result.	C 1	Remove
T36	<i>Cupressus × leylandii</i> (Leyland Cypress); (10.5m Radius of nominal circle; RPA 346m²)	863 mm	12.0 m Clear Stem Height 1.5 m	N: 5.0 m E: 4.0 m S: 5.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Tree growing in close proximity to T35. the two trees are being used as log pile storage. Minor bark damage is noted as a result.	C 1	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T37	<i>Cupressus × leylandii</i> (Leyland Cypress) (2.4m Radius of nominal circle; RPA 18m²)	178 mm	11.0 m Clear Stem Height 1.5 m	N: 1.0 m E: 1.0 m S: 1.0 m W: 1.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Small cypress tree growing outside the red line boundary. The tree is younger than surrounding trees and growing of tall even form with a high held canopy.	C 1	Retain
T38	<i>Crataegus monogyna</i> (Hawthorn); (6.6m Radius of nominal circle; RPA 535m²)	535 mm CSD	9.0 m Clear Stem Height 1.0 m	N: 3.0 m E: 6.0 m S: 7.0 m W: 6.0 m	Veteran Estimated Remaining Contribution 10 + Years	Tree growing along the roadside, tree is multitemmed from 1.0m. Large damage noted to the northernmost leader. Tree is old with some features of veteran trees present, trees age has been estimated at 120 years old, tree is considered to be notable/veteran hawthorn tree.	B 1	Retain
T 39	<i>Quercus robur</i> (Pedunculate Oak); (12m Radius of nominal circle; RPA 452m²)	980 mm	14.0 m Clear Stem Height 1.5 m	N: 5.0 m E: 12.0 m S: 8.0 m W: 6.0 m	Mature Estimated Remaining Contribution 40 + Years	Tree growing outside the site along the roadside, the tree has many exposed roots. Large protruding leaders creating a widespread low held canopy. Moderate deadwood is noted throughout the canopy. Tree covered under Tree preservation order: TPO/AL/1/19 T2	B 1/2	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.