



LIZARD

Landscape Design and Ecology

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

DOMUSEA DEVELOPMENTS LIMITED

261 ALDWICK ROAD, BOGNOR REGIS

EXISTING TREE SCHEDULE

Project Reference:	LLD1425
Prepared By:	LM
Checked By:	JJ
Position:	Principal
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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 01	<i>Populus x canadensis</i> (Black Poplar); (8.1m Radius of nominal circle; RPA 206m²)	668 mm	16.0 m Clear Stem Height 2.50m	N: 6.5 m E: 6.5 m S: 8.5 m W: 6.5 m	Estimated Remaining Contribution < 20 years	Tree Preservation Order Tree - Tall, upright, wide-spreading Poplar tree located to the south-western edge of the rear garden area up against the fence line. The tree has suckering lower stems, and the tree spread is inhibited to the north by the adjacent beech and ash trees growing along the adjacent western site boundary. The tree is within the site up against the existing fence line. Tree Surgery Works: the tree is proposed to be crown-reduced to the eastern edge of the tree canopy by 1.50 metres and crown-lifted to 3.50 metres height in order to facilitate construction and future use of the rear garden area adjacent to the proposed dwelling house. No height is to be removed from the tree canopy. Tree Protection Measures; tree protective fencing; ground protection within the tree root protection area; minimal manual excavation of proposed building foundations; and no-dig construction access driveway (TPO/AW/152/10:T493).	B 1/2	Retain
T 02	<i>Fagus sylvatica</i> (Beech); (4.8m Radius of nominal circle; RPA 72m²)	400 mm (Estimated)	12.0m Clear Stem Height 4.0 m	N: 3.5 m E: 3.5 m S: 3.5 m W: 3.5 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Tall, upright beech tree growing between the dominant ash tree to the north and the poplar tree to the south. The tree is located within the adjacent car park area for the block of flats and is located 2.0 - 2.50 metres from the western fence line. The growth of the tree is inhibited by the adjacent trees surrounding within the boundary tree line.	C 1/2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 03	<i>Fraxinus excelsior</i> (Ash); (7.2m Radius of nominal circle; RPA 163m²)	600 mm (Estimated)	0.0 m Clear Stem Height 5.0 m	N: 6.5 m E: 6.5 m S: 6.5 m W: 6.5 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Wide-spreading ash tree within the adjacent block of flats car park area. The tree has long-arching upright branches, with a wide open canopy inhibiting growth of the adjacent beech tree to the south. The tree is located within the adjacent car park area for the block of flats and is located 2.0 - 2.50 metres from the western fence line.	C 2/3	Retain
T 04	<i>Quercus cerris</i> (Turkey Oak); (9m Radius of nominal circle; RPA 255m²)	750 mm (Estimated)	16.0 m Clear Stem Height 6.0 m	N: 9.5 m E: 6.5 m S: 10.5 m W: 10.5 m	Mature Estimated Remaining Contribution 20 + Years	Tree Preservation Order Tree - The Turkey oak tree is mature, tall, wide-spreading, and upright with multiple vertical stems emanating from the central tree trunk. The canopy spread is accentuated to the south with arching horizontal branches by contrast to the main upper canopy. The tree has a feathery open form of long arching branches to the ends. Tree Surgery Works: the tree is proposed to be crown-reduced overall to the eastern edge of the tree canopy by 1.00 metres and crown-lifted to 3.50 metres height in order to facilitate construction and future use of the access driveway adjacent to the proposed dwelling house. Tree Protection Measures; tree protective fencing; ground protection within the tree root protection area; no-dig construction access driveway. (TPO/AW/41/10:T492).	A 1/2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 05	<i>Acer pseudoplatanus</i> (Sycamore) (4.8m Radius of nominal circle; RPA 72m ²)	400 mm	12.0 m Clear Stem Height 4.0 m	N: 5.0 m E: 0.0 m S: 4.0 m W: 6.5 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Semi-mature Sycamore tree which is growing up into the canopy of the surrounding group of 2 no. Sweet Chestnut trees. The tree canopies have merged into one tree group to the western adjacent garden boundary of the proposed site area. This tree is likely a self-seeded sucker which has developed into a semi-mature tree amongst this tree grouping. Tree Protection Measures; tree protective fencing; ground protection within the tree root protection area; minimal manual excavation of proposed building foundations; and no-dig construction access driveway.	C 1/2	Retain
T 06	<i>Castanea sativa</i> (Sweet Chestnut); (10.2m Radius of nominal circle; RPA 327m ²)	848 mm	12.0 m Clear Stem Height 4.0 m	N: 8.0 m E: 0.0 m S: 4.0 m W: 7.5 m	Mature Estimated Remaining Contribution 20 + Years	Mature Tree Preservation Order Grouping of Sweet Chestnut trees located 2.5 metres into the adjacent property to the eastern edge of the proposed development area. The trees are tall and wide-spreading with rounded arching limbs and bulbous tree canopy. There are some signs of dead wood within the tree canopy. The trees are located in raised embankment within the adjacent property (TPO/01/98/AW). Tree Protection Measures; tree protective fencing; ground protection within the tree root protection area; minimal manual excavation of proposed building foundations; and no-dig construction access driveway.	B 1/2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 07	<i>Castanea sativa</i> (Sweet Chestnut); (9.6m Radius of nominal circle; RPA 290m²)	800 mm	12.0 m Clear Stem Height 4.0 m	N: 8.0 m E: 0.0 m S: 4.0 m W: 7.5 m	Mature Estimated Remaining Contribution 20 + Years	Mature Tree Preservation Order Grouping of Sweet Chestnut trees located 2.5 metres into the adjacent property to the eastern edge of the proposed development area. The trees are tall and wide-spreading with rounded arching limbs and bulbous tree canopy. There are some signs of dead wood within the tree canopy. The trees are located in raised embankment within the adjacent property (TPO/01/98/AW). Tree Protection Measures; tree protective fencing; ground protection within the tree root protection area; minimal manual excavation of proposed building foundations; and no-dig construction access driveway.	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.