



LIZARD

Landscape Design and Ecology

Mr and Mrs Lillywhite

Wandleys Farm, Wandleys Lane, Walberton

EXISTING TREE SCHEDULE

Project Reference:	LLD1154
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JANUARY 2018 - PLANNING ISSUE

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 01	<i>Quercus robur</i> (Pedunculate Oak); (9m Radius of nominal circle; RPA 255m ²)	748 mm CSD	12.0 m Clear Stem Height 3.0 m	N: 6.0 m E: 5.0 m S: 7.0 m W: 9.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The stem divides to 3 no. leaders from the base; 2 no. leaders lean west over the adjacent road; heavy ivy cover is noted throughout, as is a large quantity of moderate dead wood. Tree is in fair overall condition. Tree Protected by Arun District Council - Tree Preservation Order TPO/WA/4/17 - T1.	C 1	Retain
T 02	<i>Quercus robur</i> (Pedunculate Oak); (12.6m Radius of nominal circle; RPA 499m ²)	1050 mm	15.0 m Clear Stem Height 6.0 m	N: 9.0 m E: 9.0 m S: 8.0 m W: 9.0 m	Mature Estimated Remaining Contribution 20 + Years	Tree displays a broad crown holding moderate deadwood; 1 no. major tear-out is noted hanging in the canopy; moderate ivy cover is present to 10.0 m height; major historical damage to the root base is evident; this is occluding but exhibits some decay. Tree Protected by Arun District Council - Tree Preservation Order TPO/WA/4/17 - T2.	B 1	Retain
T 03	<i>Quercus robur</i> (Pedunculate Oak); (15m Radius of nominal circle; RPA 707m ²)	1267 mm	16.0 m Clear Stem Height 4.5 m	N: 10.0 m E: 9.0 m S: 9.0 m W: 8.0 m	Mature Estimated Remaining Contribution 40 + Years	A large, vigorous oak tree. The crown holds moderate deadwood; 2 no. historic major failures are noted in the crown; these appear to be occluding well and do not affect the tree's vitality; moderate pruning scars are present and are occluding well; minor historic damage is noted to the root base. The tree is in good overall condition and a major feature of the site. Tree Protected by Arun District Council - Tree Preservation Order TPO/WA/4/17 - T3.	A 1	Retain
T 04	<i>Fraxinus excelsior</i> (Ash); (13.5m Radius of nominal circle; RPA 573m ²)	1114 mm	16.0 m Clear Stem Height 6.0 m	N: 7.0 m E: 9.0 m S: 9.0 m W: 8.0 m	Over-Mature Estimated Remaining Contribution 20 + Years	Dense ivy covering is visible to 9.0 m height; several major deadwood limbs are noted within the crown; King Alfred's Cakes fungus (<i>Daldinia concentrica</i>) is noted to failing major limbs; 2 no. woodpecker holes are visible at 8.0 m height. The tree displays low vigour and evidence of decline. Tree Protected by Arun District Council - Tree Preservation Order TPO/WA/4/17 - T4.	B 1	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) (6m Radius of nominal circle; RPA 113m²)	477 mm	12.0 m Clear Stem Height 1.5 m	N: 4.0 m E: 4.0 m S: 6.0 m W: 7.0 m	Early Mature Estimated Remaining Contribution 10 + Years	The tree displays dense ivy cover throughout; the stem divides into 3 no. leaders at 3.0 m height; The tall, dense crown has been pruned away from the site.	C 2	Retain
T 06	<i>Fraxinus excelsior</i> (Ash); (4.5m Radius of nominal circle; RPA 64m²)	366 mm	13.0 m Clear Stem Height 0.0 m	N: 6.0 m E: 2.5 m S: 1.0 m W: 6.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A large wound exhibiting decay is evident at 1.0 m height; this is occluding. The tree leans heavily to the north; sucker growths are present at the tree's base. Light ivy cover is noted to 5.0 m height; minor deadwood is present within the tree's crown. Recommendation: Tree should be inspected annually and removed should its condition deteriorate further.	C 1	Retain
T 07	<i>Quercus robur</i> (Pendunculate Oak); (11.4m Radius of nominal circle; RPA 408m²)	933 mm	14.0 m Clear Stem Height 3.0 m	N: 9.0 m E: 8.0 m S: 6.0 m W: 9.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Tree is situated on the opposite bank of small ditch outside of the site boundary; the crown divides low on the tree's stem; major deadwood limbs are present at 2.5 m height to the north. The tree's growth is held on several major primary scaffolds. Moderate deadwood is noted throughout the crown. Tree Protected by Arun District Council - Tree Preservation Order TPO/WA/4/17 - T5. Recommendation: Remove deadwood limbs overhanging the road.	B 2	Retain
T 08	<i>Quercus robur</i> (Pedunculate Oak); (11.1m Radius of nominal circle; RPA 387m²)	907 mm	14.0 m Clear Stem Height 5.0 m	N: 4.0 m E: 9.0 m S: 9.0 m W: 8.0 m	Mature Estimated Remaining Contribution 20 + Years	Moderate ivy cover is present to 12.0 m height. Most of the growth is held to the south. Several major deadwood limbs are noted within the crown, and minor epicormic growths are noted to the stem and major limbs. Tree Protected by Arun District Council - Tree Preservation Order TPO/WA/4/17 - T6.	B 1	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 09	<i>Acer pseudoplatanus</i> (Sycamore) (6.3m Radius of nominal circle; RPA 124m²)	516 mm CSD	14.0 m Clear Stem Height 5.0 m	N: 2.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The stem divides to 2 no. codominant leaders from the tree's base. The tree displays a narrow, upright form; most of the lower limbs have been removed and pruning scars have occluded. The tree displays low vigour at present. Minor deadwood is visible within the crown. Tree Removal: Remove tree to accomodate proposed highway access drive.	C 1	Remove
TG 10	<i>Prunus spinosa; Crataegus monogyna; Corylus avellana; Fraxinus excelsior; Cornus sanguinea</i> (Blackthorn; Hawthorn; Hazel; Ash; Dogwood) (3.6m Radius of nominal circle; RPA 41m²)	286 mm Average	8.0 m Clear Stem Height 0.5 m	N: 3.0 m E: 3.0 m S: 3.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A remnant of hedgerow which has overgrown into a line of understorey trees between the mature oak trees. The trees display dense, scrubby forms; the group provides good screening to the site however it is relatively patchy. Tree Removal: Remove 4 no. trees to accomodate proposed highway access drives.	C 2	Partial Retain / Remove 4 no. trees

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 11	Mixed Species Treeline: <i>Crataegus monogyna</i> ; <i>Prunus sp.</i> ; <i>Sorbus aucuparia</i> ; <i>Euonymus europaea</i> ; <i>Viburnum lantana</i> ; <i>Viburnum opulus</i> ; <i>Malus sp.</i> ; <i>Acer palmatum</i> (Hawthorn; Cherry; Rowan; Spindle; Wayfaring Tree; Guelder Rose; Apple; Japanese Maple) (0.9m Radius of nominal circle; RPA 3m²)	48 mm Average	2.5 m Clear Stem Height 0.0 m	N: 1.0 m E: 1.0 m S: 1.0 m W: 1.0 m	Young Estimated Remaining Contribution 10 + Years	A recently planted hedge / tree line or mainly native species, which is yet to become established. The individual plants are however vigorous and should grow quickly to form a strong linear feature.	C 2	Retain
TG 12	<i>Corylus avellana</i> (Hazel); (2.4m Radius of nominal circle; RPA 18m²)	198 mm CSD	7.0 m Clear Stem Height 0.0 m	N: 4.0 m E: 5.0 m S: 4.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	2 no. dense, multi-stemmed Hazels; the trees display moderate ivy cover and moderate flail damage. The trees form part of the boundary treeline.	C 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 13	<i>Crataegus monogyna</i> (Hawthorn); (5.7m Radius of nominal circle; RPA 102m²)	462 mm	8.0 m Clear Stem Height 3.0 m	N: 2.0 m E: 1.0 m S: 3.0 m W: 3.0 m	Mature Estimated Remaining Contribution 10 + Years	The crown divides at 1.8m; the majority of the growth is held to the west. Moderate ivy cover and damage to the stem base are noted.	C 1	
T 14	<i>Acer pseudoplatanus</i> (Sycamore); (5.4m Radius of nominal circle; RPA 92m²)	439 mm	12.0 m Clear Stem Height 1.5 m	N: 4.0 m E: 4.5 m S: 4.5 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A major leader has been removed at 1.5 m height, at which point the remaining stem divides into two; the wound is occluding but minor decay is evident. Light ivy cover is noted to 8.0 m height; minor deadwood is present within the crown.	C 1	
T 15	<i>Fraxinus excelsior</i> (Ash); (8.4m Radius of nominal circle; RPA 222m²)	700 mm (Estimated)	15.0 m Clear Stem Height 4.0 m	N: 7.0 m E: 6.0 m S: 6.0 m W: 7.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Ash tree displaying a rounded, even crown. The tree exhibits vigorous growth; moderate deadwood is noted within the crown. Light ivy cover is present to 5.0 m height; slight pruning is noted to minor limbs within the site area. The tree is situated approximately 1.0 m outside of the site boundary.	B 1	Retain
T 16	<i>Acer campestre</i> (Field Maple); (5.4m Radius of nominal circle; RPA 92m²)	428 mm CSD	9.0 m Clear Stem Height 1.0 m	N: 4.0 m E: 6.0 m S: 6.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 10 + Years	The tree divides at 1.3 m height into 3 no. codominant stems; dense epicormic growths are noted to 3.0 m height. The tree displays dense ivy covering throughout, and branches have been pruned away from the site area. Inspection was limited by surrounding ivy, epicormic growths and vegetation.	C 1	Retain

LD1154 - WANDLEYS FARM, WANDLEYS LANE, WALBERTON
EXISTING TREE SCHEDULE - PLANNING ISSUE - Rev01 - 7th February 2018

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 17	<i>Crataegus monogyna</i> (Hawthorn) (4.8m Radius of nominal circle; RPA 72m²)	392 mm CSD	9.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 4.0 m S: 5.0 m W: 3.0 m	Mature Estimated Remaining Contribution 10 + Years	Tree displays heavy ivy cover throughout; the stems divides into 5 no. leaders near the base. The tree displays a generally untidy form and is situated slightly outside of the site.	C 2	Retain
T 18	<i>Fraxinus excelsior</i> (Ash); (4.2m Radius of nominal circle; RPA 55m²)	334 mm	12.0 m Clear Stem Height 7.0 m	N: 5.0 m E: 3.0 m S: 5.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Ash tree located slightly outside of the site boundary. The tree's stem leans heavily to the west; the crown is small and high. Dense ivy cover is noted to 10.0 m height. The tree is struggling to compete with the adjacent trees. Tree Surgery Works: Crown Reduction of up to 1.0 m to north to accomodate site construction access.	C 1	Retain
T 19	<i>Eucalyptus sp.</i> (Eucalyptus Gum Tree); (3.9m Radius of nominal circle; RPA 48m²)	302 mm	13.0 m Clear Stem Height 4.0 m	N: 6.0 m E: 3.0 m S: 6.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Ornamental tree outside of the site. Growth of the tree is mainly held to the west; minor failures are present to the stem but have occluded. The tree is generally in good condition and of pleasing form. Tree Surgery Works: Crown Reduction of up to 1.4 m to north to accomodate proposed dwelling.	B 1	Retain
T 20	<i>Crataegus monogyna</i> (Hawthorn); (2.7m Radius of nominal circle; RPA 23m²)	214 mm	9.0 m Clear Stem Height 2.0 m	N: 3.5 m E: 4.0 m S: 3.5 m W: 4.0 m	Early Mature Estimated Remaining Contribution 10 + Years	Hawthorn tree slightly outside the site boundary of dense, bushy form. Branches have been pruned away from the site. Moderate ivy cover is present throughout the tree. Tree Surgery Works: Crown Reduction of up to 0.8 m to north to accomodate site construction access.	C 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TG 21	<i>Pinus sp.</i> (Pine sp.) (3.6m Radius of nominal circle; RPA 41m ²)	286 mm Average	11.0 m Clear Stem Height 2.5 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	2 no. ornamental pines of different species growing to the site boundary; ivy growth is present throughout both trees. The trees display a narrow, upright form. Lower limbs have been pruned away from the site area.	C 1	Retain
H 22	<i>Crataegus monogyna</i> (Hawthorn); (1.8m Radius of nominal circle; RPA 10m ²)	127 mm Average	5.0 m Clear Stem Height 0.0 m	As Shown	Semi-Mature Estimated Remaining Contribution 10 + Years	A patchy, remnant hedge dominated by Hawthorn; several ornamental trees are noted further from the site boundary. A dense bramble undergrowth is present. The hedge provides screening and some wildlife habitat.	C 2	Retain
T 23	<i>Salix sp.</i> (Willow sp.); (5.7m Radius of nominal circle; RPA 102m ²)	453 mm CSD	10.0 m Clear Stem Height 2.0 m	N: 6.0 m E: 7.0 m S: 5.0 m W: 6.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Tree divides at 0.5 m height into 1 no. dominant and 1 no. subdominant leader; heavy ivy cover is noted throughout. Moderate failures are visible with the crown, which is relatively open with weeping foliage. The tree is situated outside of the site boundary on a bank. Tree Surgery Works: Crown Reduction of up to 2.0 m to all aspects to accomodate construction access. Tree Protective Measures - Operation Zone During Construction and Manual Excavation Zones within Tree RPA.	C 1	Retain

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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.
 - The location and constraints of existing trees and vegetation within the survey site are illustrated within drawing; LLD1154/01 – Tree Constraints Plan.