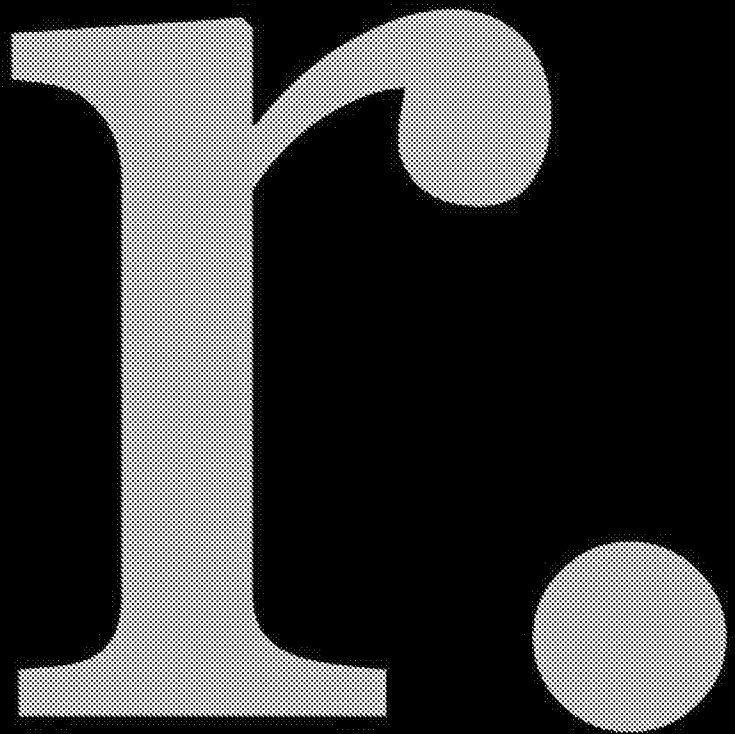
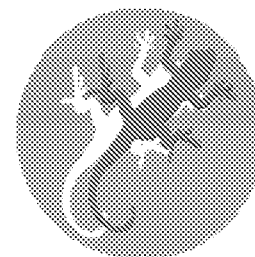


reside.

Land west of Fontwell Avenue, Eastergate

Existing Tree Schedule Report





LIZARD

Landscape Design and Ecology

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

RESIDE DEVELOPMENTS LIMITED

LAND WEST OF FONTWELL AVENUE, EASTERGATE

EXISTING TREE SCHEDULE

Project Reference:	LLD1544
Prepared By:	Louise Barker
Checked By:	George Sayer
Position:	Project Ecologist
Date	31st March 2020
Revision:	02

MARCH 2020 - PLANNING ISSUE

LD1544 - LAND WEST OF FONTWELL AVENUE, EASTERGATE
EXISTING TREE SCHEDULE - PLANNING ISSUE - Rev02 - 31st March 2020

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 01	<i>Fraxinus excelsior</i> (Ash); (4.2m Radius of nominal circle; RPA 55m²)	334 mm	9.5 m Clear Stem Height 1.0 m	N: 3.0 m E: 2.5 m S: 3.0 m W: 2.5 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree from a Hawthorn hedgerow. Forming the border between the paddocks and Fontwell Avenue. The Ash is in a fair condition, 4 lower branches are dead wood. Lichen is covering the majority of the branches. Ivy coverage on 50% of the trunk.	B 2	Retain
TL 02	Mixed Species Native Tree Line; (4.8m Radius of nominal circle; RPA 72m²)	382 mm	10.0 m Clear Stem Height 1.0 m	N: 4.0 m E: 5.5 m S: 6.0 m W: 6.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Tree line consisting of Sycamore, Cherry, Lime, Maple which forms part of the border between the paddocks and Fontwell Avenue. Multiple stems covered in Ivy.	B 2	Retain
TL 03	<i>Quercus robur</i> (Pedunculate Oak); (5.4m Radius of nominal circle; RPA 92m²)	441 mm CSD	8.5 m Clear Stem Height 1.5 m	N: 5.0 m E: 5.0 m S: 3.0 m W: 5.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree line from a Hawthorn hedgerow. Forming the border between the paddocks and the Fontwell Avenue. The tree line consists of three early mature Pedunculate Oaks.	B 2	Retain
TL 04	Mixed Species Native Tree Line; (5.1m Radius of nominal circle; RPA 81m²)	413 mm	8.5 m Clear Stem Height 1.0 m	N: 5.0 m E: 5.0 m S: 3.0 m W: 5.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree line from a Hawthorn hedgerow. Forming the border between the paddocks and the Fontwell Avenue. Tree line consisting of Ash and Maple. Ivy coverage on 80% of trunk. The bole of the Ash divides to three co-dominant leaders at approx. 0.5m height, the tree is of upright habitat.	B 2	Retain

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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 05	<i>Betula pendula</i> (Silver Birch) (2.7m Radius of nominal circle; RPA 23m²)	223 mm	8.0 m Clear Stem Height 2.0 m	N: 3.0 m E: 2.5 m S: 2.5 m W: 3.0 m	Mature Estimated Remaining Contribution 20 + Years	Emerging tree from a Hawthorn hedgerow. Forming the border between the paddocks and Fontwell Avenue. Dead Ivy coverage on 70% of the main trunk. 1 no. broken lower branch.	B 2	Retain
T 06	<i>Fraxinus excelsior</i> (Ash); (7.8m Radius of nominal circle; RPA 191m²)	637 mm	9.5 m Clear Stem Height 1.5 m	N: 2.0 m E: 3.0 m S: 2.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 20 + Years	Emerging tree from a Hawthorn hedgerow. Forming the border between the paddocks and Fontwell Avenue. Mature tree with c. 40% Ivy coverage, a few dead wood branches. Co-dominant leaders from the base. Recommendation: Tree Protective Barrier	B 2	Retain
T 07	Mixed Species Native Tree Line; (7.8m Radius of nominal circle; RPA 191m²)	637 mm	9.5 m Clear Stem Height 1.5 m	N: 2.0 m E: 3.0 m S: 2.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree from a Hawthorn hedgerow. Forming the border between the paddocks and the Fontwell Avenue. Oak and Maple entwined to form a twisted trunk. Recommendation: Tree Protective Barrier	B 2	Retain
T 08	<i>Acer pseudoplatanus</i> (Sycamore); (6.9m Radius of nominal circle; RPA 150m²)	573 mm	10.0 m Clear Stem Height 1.0 m	N: 6.0 m E: 5.0 m S: 5.0 m W: 5.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree from a Hawthorn hedgerow. Forming the border between the paddocks and the Fontwell Avenue. Ivy and Lichen coverage throughout with moderate deadwood to the lower crown. Recommendation: Tree Protective Barrier	B 2	Retain

LD1544 - LAND WEST OF FONTWELL AVENUE, EASTERGATE
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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 09	Mixed Species Native Tree Line (5.4m Radius of nominal circle; RPA 92m²)	446 mm	10.0 m Clear Stem Height 3.0 m	N: 4.0 m E: 5.0 m S: 4.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree from a Hawthorn hedgerow. Forming the border between the paddocks and the Fontwell Avenue. Maple and Ash trees. Both covered in Lichen and approx. 20% of Ivy coverage on trunk. Good even spread on tree, healthy condition. Recommendation: Tree Protective Barrier	B 2	Retain
T 10	<i>Castanea sativa</i> (Sweet Chestnut); (3.3m Radius of nominal circle; RPA 34m²)	255 mm	9.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 5.0 m S: 4.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree from a Hawthorn hedgerow. Forming the border between the paddocks and the Fontwell Avenue. Healthy and in good condition, equal spread, well formed Sweet Chestnut specimen. Recommendation: Tree Protective Barrier and Tree Surgery works.	B 2	Retain
T 11	<i>Quercus robur</i> (Pedunculate Oak); (3.6m Radius of nominal circle; RPA 41m²)	286 mm	9.0 m Clear Stem Height 2.5 m	N: 4.0 m E: 4.0 m S: 3.5 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree from a Hawthorn hedgerow. Forming the border between the paddocks and the Fontwell Avenue. 70% of Lichen coverage on tree, branch spread equal, some signs of fungal growth and rust spot on leaves. Recommendation: Tree Protective Barrier and Tree Surgery works.	B 2	Retain
TL12	Mixed Species Native Tree Line; (3.6m Radius of nominal circle; RPA 41m²)	286 mm	8.0 m Clear Stem Height 1.5 m	N: 3.0 m E: 3.0 m S: 3.0 m W: 3.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree line from a Hawthorn hedgerow. A screen between the site and Fontwell Ave. Oak and Field Maple in tree line. 90% covered in Lichen with moss in places. Lower branches with minor dead wood. Fungal growth on main trunk. Trees to be removed to allow for traffic sight line from new access road.	B 2	Remove

LD1544 - LAND WEST OF FONTWELL AVENUE, EASTERGATE
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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TL 13	Mixed Species Native Tree Line (6.0m Radius of nominal circle; RPA 113m ²)	498 mm	9.0 m Clear Stem Height 1.0 m	N: 4.0 m E: 4.0 m S: 5.0 m W: 5.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree line from a Hawthorn hedgerow. Forming the border between the paddocks and the Fontwell Avenue. Cherry, Maple and Ash. Twisted together this tree line is covered in lichen and 90% cover in ivy. Tree to be removed to allow for traffic sight line from new access road.	B 2	Remove
TL 14	Mixed Species Native Tree Line; (5.4m Radius of nominal circle; RPA 92m ²)	445 mm	7.0 m Clear Stem Height 1.5 m	N: 4.0 m E: 5.0 m S: 4.0 m W: 5.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree line from a Hawthorn hedgerow. Forming the border between the paddocks and the Fontwell Avenue. Tree Line consisting of; Field Maple; Ash; Cherry; Oak; Sycamore. Covered in Lichen. Trees to be removed to allow for traffic sight line from new access road.	B 2	Remove
T 15	<i>Acer campestre</i> (Field Maple); (3.3m Radius of nominal circle; RPA 34m ²)	255 mm	7.0 m Clear Stem Height 1.5 m	N: 3.0 m E: 3.0 m S: 2.5 m W: 2.5 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree from a Hawthorn hedgerow. Forming the border between the paddocks and the Fontwell Avenue. Covered in Lichen. Tree to be removed to allow for traffic sight line from new access road.	B 2	Remove
T 16	<i>Fraxinus excelsior</i> (Ash); (3.6m Radius of nominal circle; RPA 41m ²)	286 mm hatch	7.5 m Clear Stem Height 2.0 m	N: 4.0 m E: 4.0 m S: 3.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree from a Hawthorn hedgerow. Forming the border between the paddocks and the Fontwell Avenue. Covered in Lichen. Leader divides to co-dominant stems at 1.0m height. Tree to be removed to allow for traffic sight line from new access road.	B 2	Remove

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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TL 17	Mixed Species Native Tree Line (2.7m Radius of nominal circle; RPA 23m ²)	223 mm	8.0 m Clear Stem Height 2.0 m	N: 3.5 m E: 4.0 m S: 3.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Emerging tree line from a Hawthorn hedgerow. Tree line between the site and Fontwell Avenue. Up to the converter station on Level Mare Lane. The tree species include; Field Maple, Cypress, Hawthorn, Sycamore and Ash. 1no. Tree on the east edge of the treeline to be removed to allow for sight line. Specimen located north of T16.	B 2	Partial Retain / Partial Remove
TL 18	Mixed Species Native Tree Line; (2.7m Radius of nominal circle; RPA 23m ²)	223 mm	8.0 m Clear Stem Height 1.5 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Early Mature Estimated Remaining Contribution 20 + Years	Northwest of the converter station. Maple, Sycamore and Silver Birch make up this tree line located along Level Mare Lane towards a gated access point on the northwest side of the paddocks within the proposed development site. Recommendation: Tree Protective Barrier	B 2	Retain
T 19	<i>Acer sp.</i> (Maple); (9.6m Radius of nominal circle; RPA 290m ²)	796 mm ma	16.0 m Clear Stem Height 2.0 m	N: 6.0 m E: 5.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 20 + Years	Large Maple located by side access point on Level Mare Lane. The tree consists of a twisted leader, the main trunk also divides to co-dominant leaders at approx. 5m. 20% Ivy coverage. Recommendation: Tree Protective Barrier	B 2	Retain
TL 20	Mixed Species Native Tree Line; (7.8m Radius of nominal circle; RPA 191m ²)	637 mm	20.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 5.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 40 + Years	A mature tree line (off-site) lining western boundary. Tree species include; Elder, Sycamore, Holly, Beech, Laurel, Ash, Sweet Chestnut and Cypress. Ownership lies with neighbouring land, the RPA sites within the site boundary. Recommendation: Tree Protective Barrier	A 2	Retain

LD1544 - LAND WEST OF FONTWELL AVENUE, EASTERGATE
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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 21	<i>Fagus sylvatica</i> (Beech) (11.1m Radius of nominal circle; RPA 387m²)	923 mm	20.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 5.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 40 + Years	Large mature Beech tree, aligned with TL20, though older and larger than the other trees within this boundary line. Overhanging the western boundary line and owned by the neighbouring land, the root system and branch are within the site boundary. Recommendation: Tree Protective Barrier	A 2	Retain
T 22	<i>Fagus sylvatica</i> (Beech); (11.7m Radius of nominal circle; RPA 430m²)	955 mm	20.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 6.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 40 + Years	Large mature Beech tree, aligned with TL20, though older and larger than the other trees within this boundary line. Overhanging the western boundary line and owned by the neighbouring land, the root system and branch are within the site boundary. Recommendation: Tree Protective Barrier	A 2	Retain
T 23	<i>Fagus sylvatica</i> (Beech); (11.1m Radius of nominal circle; RPA 387m²)	923 mm	17.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 6.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 40 + Years	Large mature Beech tree, aligned with TL20, though older and larger than the other trees within this boundary line. Overhanging the western boundary line and owned by the neighbouring land, the root system and branch are within the site boundary. Recommendation: Tree Protective Barrier	A 2	Retain
T 24	<i>Castanea sativa</i> (Sweet Chestnut); (11.1m Radius of nominal circle; RPA 387m²)	923 mm	20.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 7.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 40 + Years	Owned by neighbouring land on the western edge of the site, the roots of this mature tree is located under the Fontwell farm track. This is outside of the proposed development plan. Recommendation: Tree Protective Barrier	A 2	Retain

LD1544 - LAND WEST OF FONTWELL AVENUE, EASTERGATE
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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TL 25	Mixed Species Native Tree Line (11.7m Radius of nominal circle; RPA 430m ²)	955 mm	17.0 m Clear Stem Height 2.5 m	N: 7.0 m E: 6.0 m S: 7.0 m W: 6.0 m	Mature Estimated Remaining Contribution 40 + Years	Located along the southern aspect of Northfields cottage (off site), the roots of this tree line are located under the Fontwell farm track. Mature tree species include; Sweet chestnut, Holly, Oak, Cedar, Field Maple and Sycamore.	A 2	Retain
H 26	Mixed Species Ornamental Hedgerow; (2.1m Radius of nominal circle; RPA 14m ²)	159 mm	2.0 m Clear Stem Height 0.5 m	N: 0.5 m E: 0.5 m S: 0.5 m W: 0.5 m	Early Mature Estimated Remaining Contribution 20 + Years	Cypress / Privet Hedgerow located (off site) in-between the stables, training paddock and the existing entrance to site and gravel parking area.	B 2	Retain
H 27	Mixed Species Native Hedgerow; (2.1m Radius of nominal circle; RPA 14m ²)	159 mm	1.8 m Clear Stem Height 0.0 m	N: 0.5 m E: 0.5 m S: 0.5 m W: 0.5 m	Early Mature Estimated Remaining Contribution 20 + Years	A tall Beech hedgerow (off site) used for screening between Northfield cottage and the stables and outbuildings.	B 2	Retain
H 28	Mixed Species Native Hedgerow; (2.1m Radius of nominal circle; RPA 14m ²)	159 mm	2.0 m Clear Stem Height 0.0 m	N: 0.5 m E: 0.5 m S: 0.5 m W: 0.5 m	Early Mature Estimated Remaining Contribution 20 + Years	Screening the paddocks from the main Fontwell Road. This hedgerow contains a row of trees embedded within it. Tree reference locations: T1 to T18. Section of hedgerow (between T11 and T16) to be partially removed to allow for traffic sight line.	B 2	Partial Retain / Partial Remove

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Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
H 29	Single Species Coniferous Hedgerow (2.1m Radius of nominal circle; RPA 14m ²)	159 mm	4.0 m Clear Stem Height 0.5 m	N: 0.8 m E: 0.5 m S: 0.8 m W: 0.5 m	Early Mature Estimated Remaining Contribution 20 + Years	A Cypress hedge used for screening the training paddock with the other open field paddocks. Recommendation: Removal, proposed parking bays constructed across RPA.	B 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.

Report presented by



LIZARD

Landscape Design and Ecology

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