



LIZARD

Landscape Design and Ecology

STILES HAROLD WILLIAMS PARTNERSHIP LLP

Land Adjoining Willows Caravan Park

Lidsey Road

Woodgate

EXISTING TREE SCHEDULE

Project Reference:	LLD1198
Prepared By:	GS
Checked By:	JJ
Position:	Director
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Revision:	02

FEBRUARY 2018 - PLANNING ISSUE

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TG 01	<i>Ulmus sp.</i> (Elm sp.); (3.0m Radius of nominal circle; RPA 28m²)	250 mm Average	10.0m Clear Stem Height 1.0m	N: 4.0m E: 4.0m S: 4.0m W: 4.0m	Young Estimated Remaining Contribution 10+	Vigorous elm trees growing along the site boundary. Trees are vigorous forms with light ivy growth throughout. Few defects are noted. Tree Protection Measures: Operation zone within treeline RPAs.	C 2	Retain
TL 02	<i>Cupressus x leylandii</i> (Leyland Cypress); (3.6m Radius of nominal circle; RPA 41m²)	300 mm Average	11.0 m Clear Stem Height 0.0 m	As shown	Semi-Mature Estimated Remaining Contribution 10+	A dense, continuous line of trees. The trees are trimmed to 4.0m height, then they become bushy and vigorous above this. Tree Surgery Works: crown reduction of 2.2 m depth to the northern aspect to accommodate proposed access road. Tree Protection Measures: No-dig construction within treeline RPAs.	C 2	Retain
TL 03	<i>Salix pentandra; Ulmus sp.; Prunus spinosa</i> (Bay Willow; Elm sp.; Blackthorn); (2.4m Radius of nominal circle; RPA 18m²)	197 mm Average	To 9.0m Clear Stem Height 0.0 m	As shown	Semi-Mature Estimated Remaining Contribution 10+	A dense, continuous line of trees with heavy bramble understorey. Lots of minor deadwood is noted, and several cut stumps are visible. The treeline provides useful, if uneven and patchy screening to the site. Tree Protection Measures: Operation zone and manual excavation within treeline RPAs.	C 2	Retain
T 04	<i>Salix pentandra</i> (Bay Willow); (6.0m Radius of nominal circle; RPA 113m²)	500 mm (Estimated)	8.0m Clear Stem Height 1.0m	N: 5.0m E: 3.0m S: 5.0m W: 4.0m	Mature Estimated Remaining Contribution 10+	The tree's crown divides at 2.0 m height into twisting scaffolds. Moderate deadwood is hanging in the crown. Several knot-holes are noted with minor decay present. Moderate ivy cover is present to the stem. Tree Protection Measures: Operation zone within tree RPA.	C 1	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TL 05	<i>Salix viminalis</i> ; <i>Populus alba</i> (Osier; White Poplar) (1.8m Radius of nominal circle; RPA 10m ²)	146 mm Average	To 8.0m Clear Stem Height 0.0 m	As shown	Semi-Mature Estimated Remaining Contribution 10+	A line of small trees displaying multiple topped stumps and vigorous regrowth. The treeline is uneven with ivy and bramble present beneath. Tree Protection Measures: Operation zone and manual excavation within treeline RPAs.	C 2	Retain
H 06	<i>Cupressus x leylandii</i> (Leyland Cypress); (1.8m Radius of nominal circle; RPA 10m ²)	137 mm Average	1.8 m Clear Stem Height 0.2m	As shown	Semi-Mature Estimated Remaining Contribution 10+	A neatly trimmed low hedge, with very minor dieback noted and no significant defects. The hedge provides little amenity within or outside of the site. Tree Removal Works: Hedge requires removal to accommodate proposed access road and dwellings.	C 2	Remove
T 07	<i>Populus alba</i> (White Poplar); (8.4m Radius of nominal circle; RPA 222m ²)	700 mm	14.5 m Clear Stem Height 2.0m	N: 6.0 m E: 7.0 m S: 7.0 m W: 7.0 m	Early-Mature Estimated Remaining Contribution 10+	Large poplar tree to the edge of the site. The tree exhibits a tall crown and vigorous growth. Lots of minor deadwood is noted, as are several small cankers. A bird's nest is present within the tree. The tree is a significant feature within the site. Tree Protection Measures: Operation zone within tree RPA.	B 1	Retain
TL 08	<i>Salix viminalis</i> ; <i>Populus alba</i> (Osier; White Poplar); (2.1m Radius of nominal circle; RPA 14m ²)	166 mm Average	7.0 m Clear Stem Height 1.0 m	As Shown	Semi-Mature Estimated Remaining Contribution 10+	A young, untidy line of trees, providing partial screening only. Lots of small white poplar suckers are noted within the adjacent grassland. Tree Protection Measures: Operation zone and manual excavation within treeline RPAs.	C 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TL 09	<i>Cupressus x leylandii</i> (Leyland Cypress) (4.8m Radius of nominal circle; RPA 72m²)	400 mm Average	14.0 m Clear Stem Height 0.0 m	As Shown	Mature Estimated Remaining Contribution 10+	A mature treeline of sprawling trees, with a bare understorey. Lots of dieback is noted as is typical for the species. Rubbing limbs are present within the canopy. Tree Protection Measures: Operation zone and manual excavation within treeline RPAs.	C 2	Retain
TG 10	<i>Populus alba</i> (White Poplar); (3.3m Radius of nominal circle; RPA 34m²)	255 mm csd	11.0 m Clear Stem Height 3.0 m	N: 2.0 m E: 2.0 m S: 3.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10+	Trees of tall, uneven form with multiple minor failures noted. Crowns are held above the adjacent cypress trees.	C 2	Retain
T 11	<i>Populus alba</i> (White Poplar); (5.4m Radius of nominal circle; RPA 92m²)	450 mm (Estimated)	13.0 m Clear Stem Height 3.0 m	N: 5.5 m E: 7.0 m S: 7.0 m W: 6.5 m	Early-Mature Estimated Remaining Contribution 20+	A large, dominating tree emerging from the cypress treeline. Lots of minor deadwood is noted within the crown. The tree displays a broad but open canopy.	B 1	Retain
T 12	<i>Pinus sp.</i> (Pine); (5.7m Radius of nominal circle; RPA 102m²)	452 mm	11.0 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 10+	An ornamental tree of even, conical form. Lots of minor dieback is present within the tall crown. Minor ivy cover is noted to the stem. Tree Removal Works: Tree requires removal to accommodate proposed dwelling.	C 1	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 13	<i>Fraxinus excelsior</i> (Ash) (3.6m Radius of nominal circle; RPA 41m²)	290 mm	5.0 m Clear Stem Height 0.5 m	N: 2.5 m E: 2.5 m S: 2.5 m W: 2.5 m	Semi-Mature Estimated Remaining Contribution 10+	Tree divides to 1 no. dominant, and 1 no. subdominant leader from 1.0 m height. The stems display moderate ivy cover. The crown is even and rounded. Growth is vigorous. Tree Removal Works: Tree requires removal to accommodate proposed access road.	C 1	Remove
TL 14	<i>Cupressus x leylandii</i> (Leyland Cypress); (3.3m Radius of nominal circle; RPA 34m²)	255 mm Average	3.0 m Clear Stem Height 0.0 m	As Shown	Semi-Mature Estimated Remaining Contribution 10+	A low treeline with emergent blackthorn bushes. The treeline is dense and provides moderate screening to the site. Tree Surgery Works: crown reduction of 32.0 m of the treeline, of 1.0 m depth to the southern aspect to accommodate proposed access road. Tree Protection Measures: Operation zone during construction within treeline RPAs.	C 2	Retain
T 15	<i>Cupressus x leylandii</i> (Leyland Cypress); (9.6m Radius of nominal circle; RPA 290m²)	789 mm	15.0 m Clear Stem Height 2.0 m	N: 6.0 m E: 5.0 m S: 4.0 m W: 6.0 m	Mature Estimated Remaining Contribution 10+	A mature cypress tree growing on the edge of the access road. The bole is slightly elevated above the road, and is constrained by the road. Lots of moderate dieback and pruning are noted to the site entrance, as is light ivy cover. A concrete post is present immediately adjacent the tree. The tree is a significant feature but is heavily constrained by the road. Tree Removal Works: Tree requires removal to accommodate proposed highway access.	C 1	Remove

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TL 16	<i>Cupressus x leylandii</i> (Leyland Cypress); (3.9m Radius of nominal circle; RPA 48m²)	309 mm Average	10.0 m Clear Stem Height 0.3 m	As Shown	Early Mature Estimated Remaining Contribution 10+	A dense, bushy treeline with lots of vertical rubbing stems and minor dieback. The trees line the entrance to the site. Tree Removal Works: Treeline requires partial removal(7.3 m length to western extent) to accommodate proposed highway access. Tree Protection Measures: Operation zone and no-dig construction within treeline RPAs.	C 2	Partial Retain / Partial Remove
T 17	<i>Populus alba</i> (White Poplar) (5.4m Radius of nominal circle; RPA 92m²)	450 mm (Estimated)	15.0 m Clear Stem Height 4.0 m	N: 6.0 m E: 6.0 m S: 6.0 m W: 6.0 m	Early Mature Estimated Remaining Contribution 20+	A tall, dominant tree with a high crown emerging from the adjacent cypress treeline. The crown exhibits minor limb failures.	B 2	Retain
TG 18	<i>Ulmus sp.</i> (Elm sp.); (3.6m Radius of nominal circle; RPA 41m²)	286 mm Average	9.0 m Clear Stem Height 0.5 m	N: 3.5 m E: 3.5 m S: 3.5 m W: 3.5 m	Semi-Mature Estimated Remaining Contribution 10+	A group of 2 no. bushy trees within the hedge, displaying dense growth. Light ivy growth and minor deadwood are noted to the trees. The trees partially screen the site. Recommendation: Consider reducing the height of the trees to 6.0 m height, to minimise the risk of attack by elm bark beetles and subsequent Dutch Elm Disease.	C 2	Retain
T 19	<i>Fraxinus excelsior</i> (Ash); (5.1m Radius of nominal circle; RPA 81m²)	423 mm CSD	4.0 m Clear Stem Height 3.0 m	N: 0.0 m E: 5.0 m S: 5.0 m W: 0.0 m	Semi-Mature Estimated Remaining Contribution 10+	The tree divides to 2 no stems from the base. 1 no. stem leans over the site to the west, and the second leans heavily to the south-west. Stems exhibit small crowns holding minor deadwood. Minor failures are noted and occluding. Recommendation: Monitor lean of stems, and consider discussing removal with the authority responsible should the tree condition deteriorate.	C 1	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 20	<i>Quercus robur</i> (Pedunculate Oak); (15m Radius of nominal circle; RPA 707m ²)	1273 mm CSD	11.0 m Clear Stem Height 2.5 m	N: 4.0 m E: 6.0 m S: 5.0 m W: 6.0 m	Early Mature Estimated Remaining Contribution 20+	The tree divides to 5 no. stems from near the base. The unions appear stable however leaf litter is noted. Moderate ivy cover is noted to the stems. Lots of minor deadwood is present. The canopy hangs over the road. Recommendation: Consider discussing crown reduction over the road with the responsible authority. Tree Protection Measures: Operation zone and no-dig construction within tree RPA.	B 12	Retain
TG 21	<i>Populus x canadensis</i> (Hybrid Black Poplar) (3.6m Radius of nominal circle; RPA 41m ²)	300 mm Average	18.0 m Clear Stem Height 0.0 m	N: 3.0 m E: 3.0 m S: 3.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10+	A group of tall poplar trees emerging from the cypress treeline. The trees exhibit tall, vertical forms and high vigour. The stems are slender and straight. Tree Protection Measures: Operation zone within tree group RPAs.	C 2	Retain
T 22	<i>Salix. X sepulcralis</i> (Weeping Willow); (1.5m Radius of nominal circle; RPA 7m ²)	118 mm	1.0 m Clear Stem Height 0.2 m	N: 1.0 m E: 1.0 m S: 1.0 m W: 0.0 m	Young Estimated Remaining Contribution 10 + Years	An ornamental tree planted at the site frontage, The tree spreads low from the stem and sprawls along close to the ground. The tree is too immature to provide any visual amenity as yet.	C 1	Retain
T 23	<i>Sambucus nigra</i> (Common Elder); (2.1m Radius of nominal circle; RPA 14m ²)	159 mm CSD	0.0 m Clear Stem Height 0.0 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 2.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Scrubby elder bush forming part of the hedge line. The tree adds little amenity value but fills a small gap.	C 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TL 24	<i>Cupressus x leylandii</i> (Leyland Cypress); (3.6m Radius of nominal circle; RPA 41m²)	286 mm Average	10.0 m Clear Stem Height 0.0 m	N: As E: Shown S: 0.0 m W: 0.0 m	Early Mature Estimated Remaining Contribution 10 + Years	A cypress treeline at 1.0 m centres. Trees have been trimmed partially to 4.0 m height then allowed to regrow. Dense growth is noted, with minor dieback. Ivy cover is present within. The treeline provides screening. Tree Removal Works: Treeline requires partial removal (6.6 m length to north-east) to accommodate proposed access road and dwellings.	C 2	Partial Retain / Partial Remove
T 25	<i>Acer campestre</i> (Field Maple) (3.9m Radius of nominal circle; RPA 48m²)	302 mm CSD	9.0 m Clear Stem Height 1.5 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	The tree divides to codominant leaders from 1.0 m height. The tree displays an even crown held above the hedge. Pruning is noted to the east within the site.	C 1	Retain
H 26	<i>Corylus avellana</i> (Hazel);	0 mm	5.0 m Clear Stem Height 0.0 m	As Shown	Mature Estimated Remaining Contribution 10 + Years	Gappy hedge to the roadside. Trees appear old, with heavy retrenchment to crowns. Moderate ivy cover is noted, and several trees are heavily overgrown with brambles to the road. The hedge provides some screening to site, and could be further reinforced.	C 2	Retain
H 27	<i>Cupressus x leylandii</i> (Leyland Cypress); (1.5m Radius of nominal circle; RPA 7m²)	111 mm Average	2.0 m Clear Stem Height 0.3 m	As Shown	Young Estimated Remaining Contribution 10 + Years	A relatively recent hedge, heavily clipped to 2.0 m height. The hedge provides some low-level screening to the site. Tree Protection Measures: Operation zone during construction within hedge RPAs.	C 2	Retain

<i>Tree No.</i>	<i>Species</i>	<i>Diameter @1.5m</i>	<i>Height (approx.)</i>	<i>Spread (approx.)</i>	<i>Age</i>	<i>Condition/Preliminary Recommendations</i>	<i>Category</i>	<i>Status</i>
T 28	<i>Ulmus sp.</i> (Elm sp.); (5.4m Radius of nominal circle; RPA 92m²)	427 mm CSD	10.0 m Clear Stem Height 2.0 m	N: 6.0 m E: 4.0 m S: 4.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A clump of elms emerging from the hedge. Vigorous excurrent growth is noted, as is moderate ivy cover to stems. Tree Protection Measures: Operation zone within tree RPA.	C 1	Retain
TL 29	<i>Ulmus sp.</i> (Elm sp.) (3.3m Radius of nominal circle; RPA 34m²)	271 mm Average	10.0 m Clear Stem Height 0.0 m	N: 3.0 m E: 3.0 m S: 3.0 m W: 3.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	Sparse line of elm trees along roadside. Trees are vigorous multistem specimens with ivy throughout. Trees provide screening to the site but longevity may be limited due to size.	C 2	Retain

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
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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; LLD1198-ARB-DWG-001–Tree Constraints Plan.