



LIZARD

Landscape Design and Ecology

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EXISTING TREE SCHEDULE

Crosswinds, Hampers Lane, Storrington

Pipin Developments Ltd

Prepared	KB
Approved	GO
Date	13/01/2025
Project Reference	LLD-3413-ARB-SCH
Revision	0
Status	PLANNING

Jan-25

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 01	<i>Acer platanoides</i> (Norway Maple); (4.8m Radius of nominal circle; RPA 72m²)	382 mm (Estimated)	12.0 m Clear Stem Height 7.0 m	N: 3.0 m E: 2.0 m S: 2.0 m W: 3.0 m	Mature Estimated Remaining Contribution 20 + Years	Specimen displays a standard upright form, normal levels of vitality with no obvious defects. Minor ivy cladding is present which limit a comprehensive inspection. Crown weight favours the northwest.	B 1	
T 02	<i>Acer platanoides</i> (Norway Maple); (2.1m Radius of nominal circle; RPA 14m²)	159 mm (Estimated)	12.0 m Clear Stem Height 0.0 m	N: 2.0m E: 2.0 m S: 2.0 m W: 2.0 m	Mature Estimated Remaining Contribution 20 + Years	Specimen displays a standard upright form, normal levels of vitality with no obvious defects. Minor ivy cladding is present which limit a comprehensive inspection. 2no. codominant leaders form at c.10m from the ground.	B 1	
T 03	<i>Cupressus sp.</i> (Cypress sp.); (4.8m Radius of nominal circle; RPA 72m²)	382 mm (Estimated)	12.0 m Clear Stem Height 0.0 m	N: 3.0 m E: 3.0 m S: 3.0 m W: 3.0 m	Mature Estimated Remaining Contribution 20 + Years	Specimen displays a standard upright form, normal levels of vitality with no obvious defects. Minor ivy cladding is present which limit a comprehensive inspection.	B 1	
T 04	<i>Cupressus sp.</i> (Cypress sp.); (10.8m Radius of nominal circle; RPA 366m²)	891 mm	12.0 m Clear Stem Height 3.0 m	N: 5.0 m E: 5.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 20 + Years	Specimen displays a standard upright form with no obvious defects. Crown spread is even and displays normal levels of vitality.	B 1	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 05	<i>Cupressus sp.</i> (Cypress sp.) (5.7m Radius of nominal circle; RPA 102m²)	459 mm CSD	12.0 m Clear Stem Height 4.0 m	N: 3.0 m E: 3.0 m S: 3.0 m W: 3.0 m	Mature Estimated Remaining Contribution 20 + Years	2no. codominant leaders originate from the base of the tree. Some evidence of past management of branches is present and minor deadwood is present throughout. The leader on the eastern side appeared to be standing deadwood. RECCOMENDATION: Aforementioned leader to be removed.	B 1	
T 06	<i>Cupressus sp.</i> (Cypress sp.); (3.6m Radius of nominal circle; RPA 41m²)	285 mm CSD	14.0 m Clear Stem Height 0.0 m	N: 3.0 m E: 4.0 m S: 3.0 m W: 1.0 m	Mature Estimated Remaining Contribution 20 + Years	Located in adjacent property. 5no. stems originate from the base of the ground. Tree displays normal levels of vitality. Western aspect of the crown appears to have been heavily managed and reduced.	B 1	
T 07	<i>Cupressus sp.</i> (Cypress sp.); (4.8m Radius of nominal circle; RPA 72m²)	382 mm (Estimated)	14.0 m Clear Stem Height 0.0 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Mature Estimated Remaining Contribution 20 + Years	Located in adjacent property. 1no. primary leader. Tree maintains a standard upright form, an even crown spread with normal levels of vitality. No obvious defects.	B 1	
T 08	<i>Salix sp.</i> (Willow sp.); (5.4m Radius of nominal circle; RPA 92m²)	446 mm (Estimated)	14.0 m Clear Stem Height 4.0 m	N: 5.0 m E: 5.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 20 + Years	Located in adjacent property. Tree maintains a standard upright form. Primary limb separates into 2no. codominant leaders at c.4m from the ground. Displays normal levels of vitality with no obvious defects.	B 1	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 09	<i>Quercus robur</i> (Pedunculate Oak) (10.8m Radius of nominal circle; RPA 366m²)	891 mm	16.0 m Clear Stem Height 7.0 m	N: 8.0 m E: 8.0 m S: 8.0 m W: 8.0 m	Mature Estimated Remaining Contribution 40 + Years	A very large and old oak, which is an excellent example of its species. Some minor deadwood throughout, which is to be expected given its apparent age. Crown spread is even, maintains a standard upright form with no obvious defects.	A 1	
T 10	<i>Quercus robur</i> (Pedunculate Oak); (6.3m Radius of nominal circle; RPA 124m²)	509 mm	12.0 m Clear Stem Height 5.0 m	N: 3.0 m E: 2.0 m S: 6.0 m W: 4.0 m	Mature Estimated Remaining Contribution 20 + Years	Minor deadwood throughout. The crown maintains an uneven preference for the southwest. Minor cavities and knots noted throughout. RECCOMENDATION: To be monitored yearly for 5 years to assess the continual health of secondary limbs.	B 1	
T 11	<i>Quercus robur</i> (Pedunculate Oak); (10.8m Radius of nominal circle; RPA 366m²)	891 mm (Estimated)	16.0 m Clear Stem Height 6.0 m	N: 10.0 m E: 10.0 m S: 10.0 m W: 9.0 m	Mature Estimated Remaining Contribution 40 + Years	Located in adjacent property. The specimen displays a standard upright form with normal levels of vitality. The crown spread is even and no obvious defects noted.	A 1	
TG 12	Mixed Species Native Tree Group; (3.9m Radius of nominal circle; RPA 48m²)	318 mm Average	14.0 m Clear Stem Height 2.0 m	N: 5.0 m E: 5.0 m S: 5.0 m W: 5.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A group of 2no. silver birch and 2no. cypress trees. All specimens display normal levels of vitality with no obvious defects.	C 1	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TG 13	Mixed Species Native Tree Group (3.3m Radius of nominal circle; RPA 34m²)	255 mm Average	16.0 m Clear Stem Height 5.0 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A group of silver birch, holly and cherry laurel. Several silver birch trees have been pollarded. 2no. silver birch located furthest to the south maintain a notable lean south. RECCOMENDATIONS: Cherry laurel to be removed and leaning silver birch trees to be monitored for further lean.	C 1	
TG 14	Mixed Species Native Tree Group; (3.3m Radius of nominal circle; RPA 34m²)	255 mm Average	16.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A group of silver birch, cypress sp and oak. Reduced levels of vitality noted across several cypress sp. specimens and ivy cladding across most silver birch individuals, which similarly maintained reduced levels of vitality.	C 1	
T 15	<i>Quercus robur</i> (Pedunculate Oak); (8.1m Radius of nominal circle; RPA 206m²)	668 mm	13.0 m Clear Stem Height 3.0 m	N: 2.0 m E: 3.0 m S: 7.0 m W: 5.0 m	Mature Estimated Remaining Contribution 20 + Years	Crown spread has a heavy lean to the south. Minor deadwood within the crown, with the vast majority of secondary limbs located on the southern aspect. Displays normal levels of vitality.	B 1	
T 16	<i>Cupressus sp.</i> (Cypress sp.); (8.4m Radius of nominal circle; RPA 222m²)	700 mm	14.0 m Clear Stem Height 5.0 m	N: 5.0 m E: 5.0 m S: 5.0 m W: 5.0 m	Mature Estimated Remaining Contribution 20 + Years	Major deadwood located in the lower branches of the tree. However, the tree displays normal levels of vitality in the upper sections of the tree with a standard upright form. RECCOMENDATIONS: Dead and hanging secondary limbs to be removed.	B 1	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
H 17	Mixed Species Hedgerow (3.3m Radius of nominal circle; RPA 34m²)	251 mm Average	8.0 m Clear Stem Height 0.0 m	N: 2.0 m E: 2.0 m S: 2.0 m W: 2.0 m	Early Mature Estimated Remaining Contribution 10 + Years	A hedgerow consisting of holly with numerous individual silver birch trees. Cherry laurel is also present. RECCOMENDATION: Cherry Laurel to be removed.	C 1	
TG 18	Mixed Species Tree Group; (2.7m Radius of nominal circle; RPA 23m²)	223 mm	10.0 m Clear Stem Height 2.0 m	N: 4.0 m E: 4.0 m S: 4.0 m W: 4.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	A parcel of holly and silver birch. All specimens maintain a standard upright form with normal levels of vitality. No obvious defects noted.	C 1	
T 19	<i>Eucalyptus sp.</i> (Eucalyptus Gum Tree); (6.3m Radius of nominal circle; RPA 124m²)	513 mm CSD	0.0 m Clear Stem Height 0.0 m	N: 5.0 m E: 3.0 m S: 4.0 m W: 5.0 m	Mature Estimated Remaining Contribution <10 Years	2no. leaders originate from the base of the tree. Specimen displays rotting with a fungal infestation at the base with a notable cavity located on the southern, largest leader. However, tree displays normal levels of vitality. RECCOMENDATION: To be felled, given the high likelihood of major structural failure within 10 years.	U 1	
T 20	<i>Acer platanoides</i> (Norway Maple); (6.3m Radius of nominal circle; RPA 124m²)	517 mm CSD	12.0 m Clear Stem Height 4.0 m	N: 6.0 m E: 4.0 m S: 4.0 m W: 6.0 m	Semi-Mature Estimated Remaining Contribution 10 + Years	3no. primary leaders originate from the ground to form separate leaders. Specimen maintains a standard upright form. Heavy ivy cladding hinders inspection. Deadwood present in the lower sections of the tree.	C 1	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
T 21	<i>Salix sp.</i> (Willow sp.) (2.1m Radius of nominal circle; RPA 14m²)	159 mm (Estimated)	10.0 m Clear Stem Height 3.0 m	N: 1.0 m E: 4.0 m S: 3.0 m W: 1.0 m	Semi-Mature Estimated Remaining Contribution <10 Years	A partially fallen tree which appeared to have been pushed over from a storm. The roots on northern aspect are exposed and the tree maintains a dangerous lean into the site. RECCOMENDATION: To be removed due to the high likelihood of major failure and fall into the site.	U 1	
T 22	<i>Ilex aquifolium</i> (Holly); (2.1m Radius of nominal circle; RPA 14m²)	159 mm (Estimated)	10.0 m Clear Stem Height 3.0 m	N: 1.0 m E: 4.0 m S: 3.0 m W: 1.0 m	Semi-Mature Estimated Remaining Contribution <10 Years	A partially fallen tree which appeared to have been pushed over from a storm. The roots on northern aspect are exposed and the tree maintains a dangerous lean into the site. RECCOMENDATION: To be removed due to the high likelihood of major failure and fall into the site.	U 1	
T 23	<i>Betula pendula</i> (Silver Birch); (5.4m Radius of nominal circle; RPA 92m²)	446 mm	14.0 m Clear Stem Height 3.0 m	N: 3.0 m E: 3.0 m S: 4.0 m W: 4.0 m	Mature Estimated Remaining Contribution 20 + Years	Maintains a standard upright form with normal levels of vitality. No obvious defects.	B 1	
T 24	<i>Taxus baccata</i> (Yew); (3.0m Radius of nominal circle; RPA 28m²)	239 mm	9.0 m Clear Stem Height 3.0 m	N: 2.0 m E: 4.0 m S: 4.0 m W: 3.0 m	Mature Estimated Remaining Contribution 20 + Years	Maintains a standard upright form with normal levels of vitality. No obvious defects.	B 1	

Tree No.	Species	Diameter @1.5m	Height (approx.)	Spread (approx.)	Age	Condition/Preliminary Recommendations	Category	Status
TG 25	Mixed Species Native Tree Group (3.9m Radius of nominal circle; RPA 48m²)	318 mm (Estimated)	12.0 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 20 + Years	Parcel of mixed woodland located out of the site boundary. Limited inspection due to the trees being located in adjacent property. All visible trees displayed normal levels of vitality with no obvious defects.	B 1	

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.