



The Seaman Partnership Ltd

Coldharbour Farm, Emsworth, Hampshire

EXISTING TREE SCHEDULE AND SCHEDULE OF TREE WORKS

Approved By: Joe Jackson

Signed:

Position: Principal

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Tree No.	Species.	Diameter mm @1.5m height	Height m (approx)	Spread m (approx)	Age	Condition / Preliminary Recommendations	Category	Status
T 01	<i>Prunus sp.</i> (Ornamental Cherry); (2.4 m Radius of nominal circle; RPA 18 m ²)	181 mm	4.0 m Clear Stem Height 2.0 m	N – 3.0 m E – 2.5 m S – 3.0 m W – 2.5 m	Life Stage: Semi-Mature Estimated Remaining Contribution: + 10 Years	A Cherry growing within a landscape planting area. Tree holds a tag numbered '1061'. Healed wounds present near the base and minor pruning to SE. A large root with a single shoot lies exposed but undamaged. The tree divides at 1.7m and shows heavy budding and phototropic growth at time of survey.	C 1	Retain
T 02	<i>Quercus robur</i> (Pedunculate Oak); (5.1 m Radius of nominal circle; RPA 81 m ²)	407 mm	11.0 m Clear Stem Height 3.0 m	N – 6.0 m E – 7.0 m S – 8.0 m W – 10.0 m	Life Stage: Early-Mature Estimated Remaining Contribution: + 20 Years	Oak growing to north of hedge H 06. Straight stem and wide branching form from 3.0m. Some interference from tree to east. Overall the tree is in good condition with no defects noted.	B 1	Retain
T 03	<i>Fraxinus excelsior</i> (Ash); (5.1 m Radius of nominal circle; RPA 81 m ²)	414 mm	10.5 m Clear Stem Height 3.5 m	N – 3.0 m E – 5.0 m S – 6.0 m W – 5.0 m	Life Stage: Early-Mature Estimated Remaining Contribution: + 20 Years	An ash whose stem divides to 2 codominant and several subdominant leaders at 3.0m. It has a wide, even form and strong unions, with many scaffolds which droop slightly. Many pruning scars evident to north, east and west. Large scar to north and moderate deadwood to north due to interference from T 04. Forms the end of the treeline and a corner feature within Emsworth Recreation Ground.	B 2	Retain

Tree No.	Species.	Diameter mm @1.5m height	Height m (approx)	Spread m (approx)	Age	Condition / Preliminary Recommendations	Category	Status
T 04	<i>Fraxinus excelsior</i> (Ash); (3.9 m Radius of nominal circle; RPA 48 m ²)	306 mm	10.5 m Clear Stem Height 3.5 m	N - 4.0 m E - 5.0 m S - 2.5 m W - 4.0 m	Life Stage: Semi-Mature Estimated Remaining Contribution: +20 Years	Ash of even branching form and spherical crown forming treeline within Recreation Ground. Pruning scars to north and south, minor deadwood to south due to interference from T 03. Overall tree is in good condition.	B 2	Retain
H 05	Native single-species hedge <i>Crataegus monogyna</i> (Hawthorn); (0.9 m Radius of nominal circle; RPA 3 m ²)	45 mm Average	To 4.0 m	As shown	Life Stage: Semi-Mature Estimated Remaining Contribution: + 10 Years	An overgrown hedge now largely overgrown with Bramble. The Hawthorn within the hedge is only visible in places and is of untidy form due to the covering of Bramble. This forms a barrier between the Recreation Ground and the stream The hedge is overall in poor condition.	C 2	Retain
H 06	Native single-species hedge <i>Crataegus monogyna</i> (Hawthorn); (1.2 m Radius of nominal circle; RPA 5 m ²)	80 mm Average	1.8 m	As shown	Life Stage: Mature Estimated Remaining Contribution: + 10 Years	Fairly intact Hawthorn hedge growing to the north of the site. A wire fence is included within the hedge, which has been heavily pruned back giving it a narrow profile. Some overgrowth of Ivy and Bramble. Overall the hedge is in fair condition. Hedge Removal Works: Hedge to be partially removed (central section of 5-7m) to be removed to accommodate the design proposals. Hedge Replanting Works: Hedge removed to be replaced and reinforced to north to reinstate uninterrupted visual screen from Emsworth Recreation Ground.	C 2	Partial Retain/ Partial Remove - remove central section.

Tree No.	Species.	Diameter mm @1.5m height	Height m (approx)	Spread m (approx)	Age	Condition / Preliminary Recommendations	Category	Status
SH 07	<i>Cornus sanguinea</i> (Dogwood); (0.9 m Radius of nominal circle; RPA 3 m ²)	70 mm CSD	To 1.6 m	As shown	Life Stage: Mature Estimated Remaining Contribution: + 10 Years	Dense shrub planting to the centre of site. The stems are subject to regular pruning. Some Ivy and Bramble growth within. Overall the shrubs are in good condition.	C 2	Retain
TL 08	<i>Prunus spinosa</i> (Blackthorn); (1.5 m average Radius of nominal circle; RPA 7 m ²)	121 mm Average	To 4.5 m Clear Stem Height 0.0 m	As shown	Life Stage: Semi-Mature Estimated Remaining Contribution: <10 Years	A line of scrubby Blackthorns to the southern boundary of the site and delineating the start of deciduous woodland. Heavy pruning evident to north. Bramble incursion and major deadwood limbs from T 09 leaning on trees from south. Overall the trees are in fair condition. Tree Surgery Works: Treeline to be crown reduced by up to 1.6m to north to accommodate design proposals.	C 2	Retain

Tree No.	Species.	Diameter mm @1.5m height	Height m (approx)	Spread m (approx)	Age	Condition / Preliminary Recommendations	Category	Status
T 09	<i>Salix sp.</i> (Willow); (5.7 m Radius of nominal circle; RPA 102 m²)	457 mm CSD	13.0 m Clear Stem Height 0.5 m	N - 3.0 m E - 4.0 m S - 4.5 m W - 2.5 m	Life Stage: Over-Mature Estimated Remaining Contribution: + 10 Years	A multistem willow growing south of the treeline TL 08. Multistem from 0.5m, several large leaders have recently fractured at the base and now lean on TL 08. Standing water is present at the base. The trees has an uneven phototropic form, deadwood to all aspects and pruning scars to south. Rubbish has been piled around the base. Overall the tree is in fair to poor condition.	C 1	Retain
TG 10	1) <i>Acer sp.</i> (Maple); 2) <i>Prunus sp.</i> (Ornamental Cherry); 1) 1.2 m Radius of nominal circle; RPA 5 m²) 2) 1.8 m Radius of nominal circle; RPA 10 m²)	1) 80 mm 2) 127 mm	4.0 m Clear Stem Height 1.5 m	1 2 N 1.5 / 2.0 E 1.0 / 1.5 S 1.0 / 1.5 W 1.0 / 2.0	Life Stage: Young Estimated Remaining Contribution: + 10 Years	Saplings in the Recreation Ground forming a perimeter treeline. Trees have good even form and minor pruning scars. Stakes and guards recently removed from these trees. Overall these trees are in good condition.	C 2	

Tree No.	Species.	Diameter mm @1.5m height	Height m (approx)	Spread m (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; LLD939/01 – Tree Constraints Plan.
- Tree retention and protection measures are illustrated in; LLD939/02 Tree Retention and Protection Plan.
- For guidance of the retention and protection of trees refer to; LLD939 Arboricultural Impact Assessment.

Tree Inspection – Explanation Key

Tree Ref No. – A unique number identifying each tree on an accompanying site plan.

Species – Tree Species – Recorded as a common and Latin name for species.

Height – Approximate tree height above ground level expressed in metres.

(Groups of trees will be surveyed with the average height given. Where accurate heights are required these can be obtained with optical instruments.)

SD – Stem Diameter

The tree trunk stem diameter measured at 1.5 m above ground level in millimetres.

(On sloping ground this is 1.5 m above ground level. Where two or more stems are present below 1.5 m the tree will be surveyed immediately above the root flare.)

Crown Spread

The approximate extent of the spread of branches in the crown taken from the tree trunk to outer edge of general crown of individual trees or the canopy spread of the multiple trees and groups.

Measured along the four cardinal points, to derive an accurate representation of the dimensions.

(The figure is the distance of the general crown line. In certain cases an exceptional or etiolated branch may extend beyond the stand figure.)

Life Stage

	Life Stage	Definitions
Y	Young	Recently planted or established tree that could be transplanted with the correct equipment
S/M	Semi-mature	An established tree, but with some growth to make before reaching its potential maximum size. A tree within its first third of life span.
E/M	Early-mature	A tree reaching its ultimate potential height, whose growth rate is slowing down but if healthy, will still increase in stem diameter and crown spread. A tree in its second third of life span.
M	Mature	A mature specimen with limited potential for any significant increase in size, even if healthy. A tree within its final third of life span.
O/M	Over-mature	A senescent (<i>declining/degradation</i>) or moribund specimen of low vigour within its final third of expected life span. Possibly containing sufficient structural defects with safety and/or duty of care implications.
V	Veteran	Specimen exhibiting features of biological, cultural or aesthetic value that are characteristic of, but not exclusive to, individual surviving beyond the typical age range for the specimen concerned.
D	Dead	The tree is dead and cannot be clarified as a veteran tree. Its age up till death is of no significance.

Physiological Condition

	Condition	Definition
G	Good	Generally in good health typical of the species needing little, if any attention. Few minor defects of little overall significance such as physical damage or suppressed branches. Showing no adverse risk of failure/defects.
F	Fair	A tree or trees of minor but rectifiable defects or in the early stages of stress, from which it may recover. Showing minor signs of deterioration. This could include a major defect in its early life stage, or multiple minor defects. A tree that may require work to remove or improve a defect.
P	Poor	A tree or trees with major structural and physiological defects or stressed such that it would be a risk to retain in its current or future known situation. Unlikely to return to a good condition given time or remedial work.
D	Dead	A tree or trees no longer alive. However, this could also apply to those trees that are dying and will be unlikely to recover, or are becoming or have become dangerous.

Structural Condition

The structural condition is defined by the presence of any decay pathogens and/or physical defects and problems following inspection of the root and buttress area, trunk, branches, both primary and secondary and crown including twigs, leaves and buds.

Recommendations (Remedial Action)

In order to identify priorities and assist in tree management recommended works are categorized according to the perceived level of urgency that the recommended treatment requires.

Prioritisation considers:

- Significance of any identified defect such as the presence of any decay and/or physical defect based on root and buttress area, trunk, scaffold limbs and crown
- Tree size, or tree part considered likely to fail.
- Nature of target area vulnerable to direct impact from tree or part, considered likely to fail and apparent frequency of target area usage.
- Apparent imminence of failure of the identified tree or part

Included are any recommendations for further investigation of suspected defects that require more detailed assessment, decay deflection, Ivy removal and other obstruction or potential for wildlife habitat.

Arboricultural works are specified and should be carried out in accordance within the guidelines of the British Standard **BS3998: 2010 'Recommendations for Tree Works'**

Work Priority

Based on the collection of data above, the management recommendations are categorised by priority in accordance with the below table.

Category	Priority	Response
A	Urgent	Within 24 hours
B	Very High	Within 30 days
C	High	Within 6 months
D	Moderate	Within 12 months
E	Low	Work to be carried out as and when at the owners/managers discretion

Inspection Frequency

A period of time specified in months and/or years that this tree should undergo a full and detailed inspection as could also be determined in the above recommendations and work priority.

Dead wood

Dead wood	Definition / Size
Minor	Material up to 2.5 cm in diameter.
Moderate	Dead wood 2.5 cm to 10 cm in diameter.
Major	Dead wood 10 cm in diameter and above.

Target - (Definition of risk (Target either people, vehicles and/or property))

Risk	People	Property	Vehicular
Very High	36 per hour - Constant	£200,000 > or inhabited	Major trunk roads, built up area
High	10 – 100 per hour	£50,000 - £200,000	Principle rd, non built up area
Medium	1 – 10 per hour	£10,000 - £50,000	Minor road moderate use
Low	< 1 per hour	£2,000 - £10,000	Minor road low use
Very Low	< 1 per day	£100 - £2,000	Private roads and tracks
Unlikely	< 1 per week	£10 - £100	None

(Risks can alter depending on variables which need to be taken into consideration at the time of inspection)