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## **Arboricultural Report (ver 2)**

Lodge Development  
Raywell Lodge Park  
Riplingham Road  
Raywell  
East Riding of Yorkshire

March 2022

### **Client Contact**

Mr David Coates  
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## 1.0 INTRODUCTION

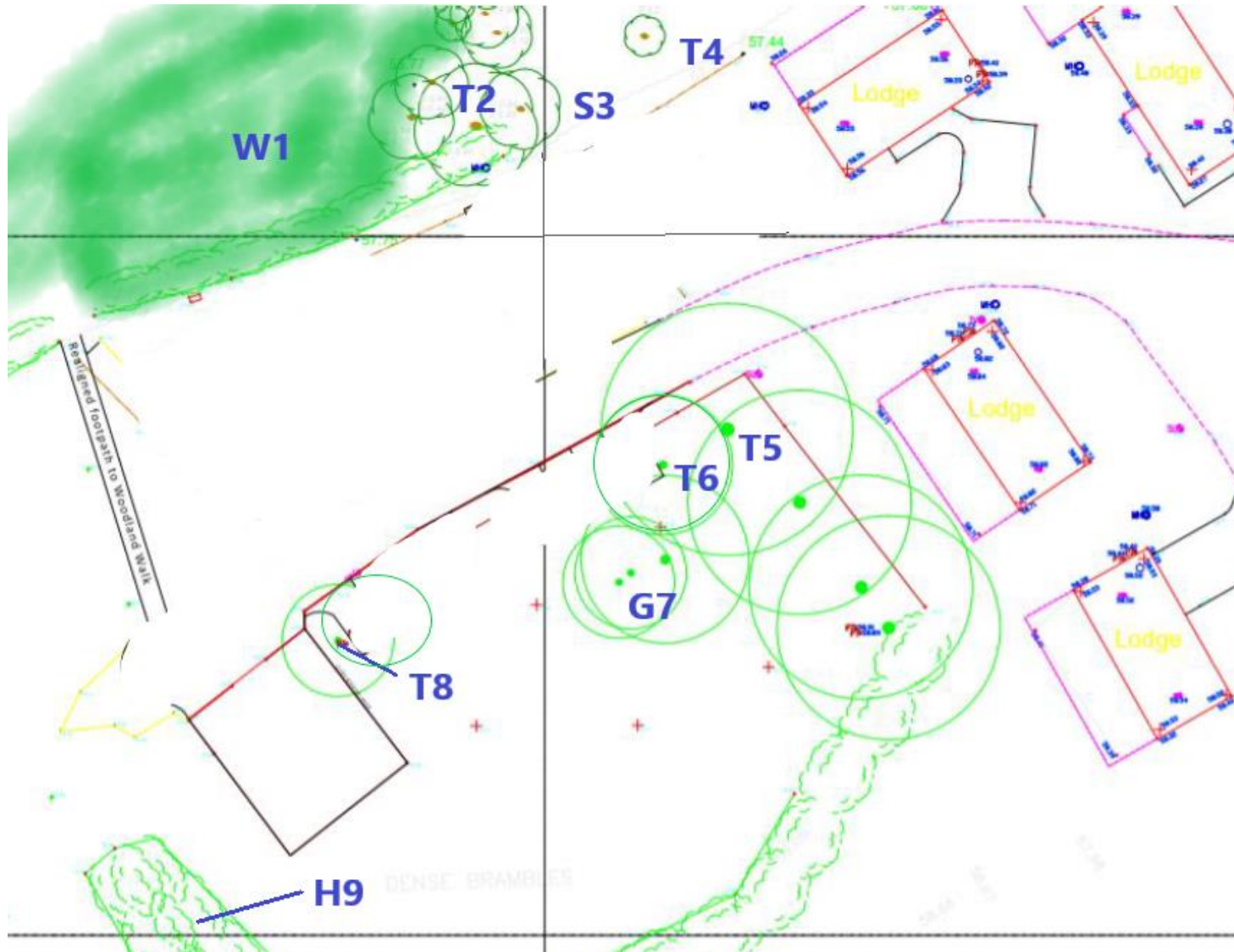
- 1.1 This report provides information in accordance with British Standard 5837:2012 'Trees in Relation to Design, Demolition and Construction' for a proposed development on land at Raywell Lodge Park, Raywell. The development proposals are for two lodge units
- 1.2 The arboricultural survey was commissioned by David Coates of Raywell Lodge Park and is linked to the design work undertaken by Ingleby and Hobson as architects for the site. The aims of the survey were to undertake an assessment of all the existing trees within proximity of the proposed development, including trees on adjacent land.
- 1.3 The following information has been recorded in accordance with BS 5837:2012:-
- Designated tree number.
  - Tree Species – the common name has been given followed by the Latin or scientific name.
  - Height.
  - Stem or base (multi stemmed trees) diameter and root protection area.
  - Crown clearance (height of the periphery of the crown spread above ground level).
  - Branch spread (to N, S, E, and W).
  - Age class. This is given as young (Y), mature (M), and over mature (OM).
  - Physiological condition - general comments given only, poor, fair, good.
  - Tree structural condition - general comments given only, poor, fair, good.
  - Useful life expectancy.
  - Preliminary management recommendations.
  - Tree category (A, B, C or U).

## 2.0 SITE PLANS

### 2.1 Location Plan (Plan 1A)



## 2.2 Site Plan – (Plan 1B)



### 3.0 SURVEY METHODOLOGY AND SCHEDULE

- 3.1 The survey was carried out to British Standard 5837:2012, using the categories explained below:
- 3.2 The trees were assessed visually from ground level. Where potential problems were identified, further inspection by tree climbing is recommended. No digging or drilling methods were employed during this survey.
- 3.3 The trees were not given number tags.
- 3.4 The approximate height of each tree is measured from ground level to top of canopy using a clinometer.
- 3.5 The approximate diameter of each tree is measured at 1.5m above ground level. The root protection distance which has been expressed as a radius from the trunk of the tree has been given below the diameter measurement.
- 3.6 The age of each tree is based upon experience (Y= young, MA = middle aged, M= mature, OM=over mature).
- 3.7 The physiological condition of the trees is based upon experience (Good, Fair, Poor, Dead).
- 3.8 The structural condition and description is also based on experience (Good, Fair, Poor).
- 3.9 Both the approximate expected lifespan remaining and category/rating of each tree is based on the surveyor's experience.
- 3.10 The retention category of each tree or group of trees is based upon the information detailed above using the following categories:
  - A Trees of high quality and value
  - B Trees of moderate quality and value
  - C Trees of low quality and value
  - U Trees to be removed for arboricultural reasons
- 3.11 The following subcategories have been used in rating tree value
  - 1 Mainly arboricultural qualities
  - 2 Mainly landscape qualities
  - 3 Mainly cultural values, including conservation

### 3.12 Tree and Hedge Schedule

Note the root protection area (RPA) is listed as a radius in metres below the stem diameter.

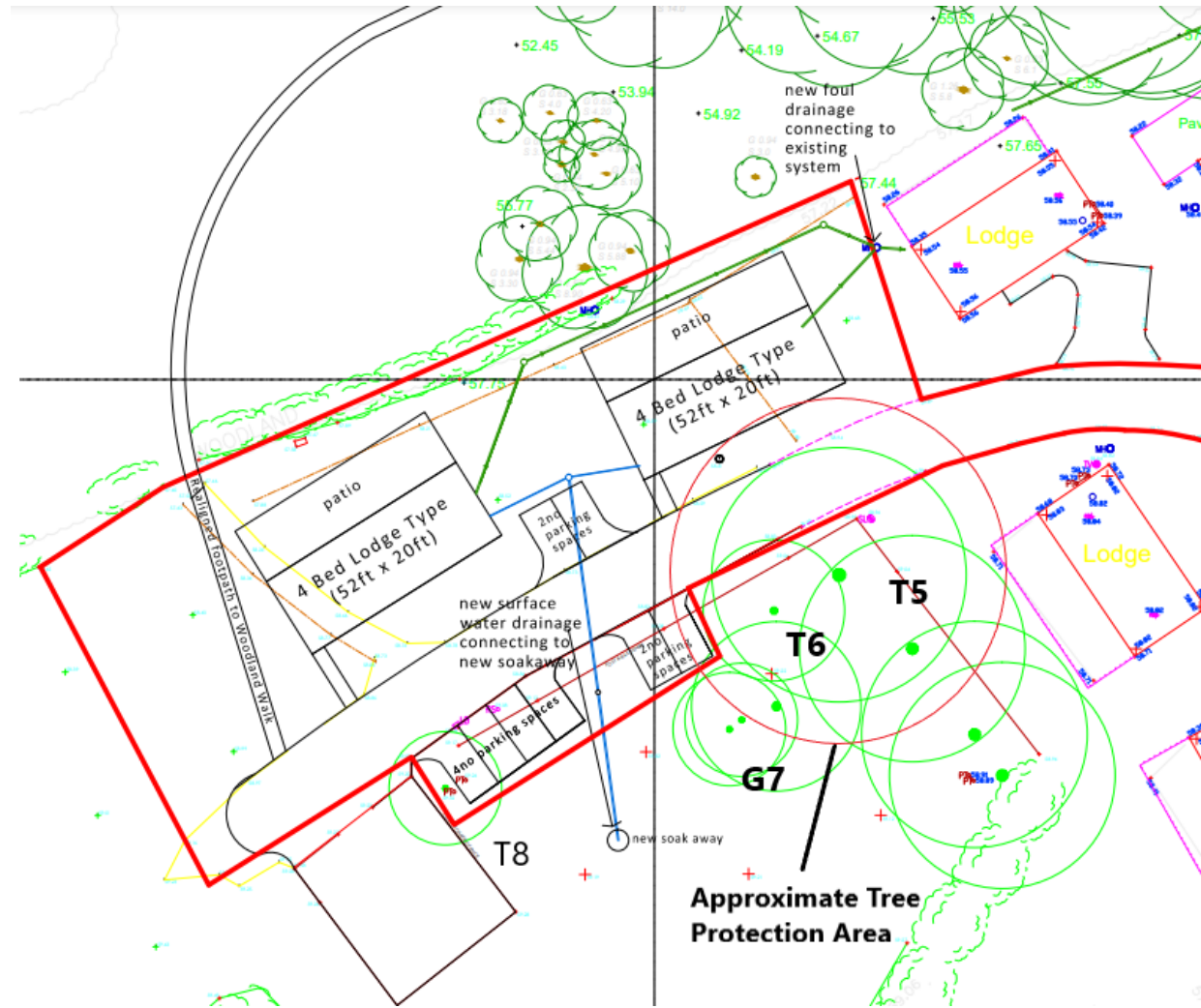
Tree no	Species	Height	Stem Dia RPA	Branch Spread	Crown Height	Age Glass	Physiological Condition	Structural Condition	Preliminary Management Recommendations	Useful life Expectancy	Category Grading
W1	Young Woodland	10m	300e 3.6m	4m	2m	MA	Good	Poor	<b>No action</b>  Beech, cherry, field maple  Poor formed trees hit hard by squirrels in the past  3m spacing	40+	C2
T2	Ash	16m	460 5.5m	4m	2m	MA	Good	Good	<b>No action</b>	-	C2
S3	Hawthorn	4m	300e 3.6m	2m	1m	M	Fair	Fair	<b>No action</b>	20+	C2
T4	Field maple	5m	300e 3.6m	2m	1m	MA	Good	Good	<b>No action</b>	40+	C2
T5	Sycamore	20m	1330 15.9m	7m	6m	M	Good	Good	<b>No action</b>	40+	B2

Tree no	Species	Height	Stem Dia RPA	Branch Spread	Crown Height	Age Glass	Physiological Condition	Structural Condition	Preliminary Management Recommendations	Useful life Expectancy	Category Grading
T6	Holly	7m	280 3.3m	2m	2m	M	Fair	Fair	No action	20+	C2
G7	Ash 3 trees	14m	300e 3.6m	4m	2m	M	Fair	Fair	No action Ash dieback disease present	-	C2
T8	Hawthorn	-	400e 4.8m	-	-	-	—	-	Recently uprooted in gales	-	U
H9	Hedgerow	6m	200e 2.4m	3m	-	M	Fair	Fair	No action Overgrown privet with odd apple tree	10+	C2



## 4.0 ARBORICULTURAL IMPLICATIONS ASSESSMENT

### Plan 2A – Proposed Layout



#### 4.1 General Comments

No trees are proposed to be removed for the propose development. The main significant tree is T5 a large mature sycamore. This tree has a large root protection area. An existing access road passes beneath the tree.



#### **4.2 Tree Removal and Pruning**

No tree removal is required for the development but the hawthorn tree T8, will need to be removed as this has been up rooted in the recent gales.

#### **4.3 Future Relationship with Trees**

The proposed units have a generally open aspect and are located a comfortable distance from the main sycamore tree T5.

#### **4.4 Root Protection Measures**

It is recommended that the existing post and rail fencing is removed and re-erected along the southern boundary to form the tree protection for the existing trees to the south. Given the size and location of trees along the northern boundary of the site it is not considered necessary to erect tree protection along this boundary.

#### **4.5 Construction and Storage Space**

Adequate space exists for construction work and for the supply and storage of materials utilising the driveway and lawn area.

#### **4.6 Services**

Service details to be provided.

## **5.0 ARBORICULTURAL METHOD STATEMENT (AMS)**

### **5.1 General Site Management Constraints**

- No soil stripping, compaction, excavation or removal is to take place other than for the foundations, services and drainage as proposed.

### **5.2 Local Planning Authority Meeting**

- The Local Planning Authority to be notified not less than 72 hours prior to commencement of works on site.

### **5.3 Tree Removal and Site Clearance**

- Tree T8 to be removed

### **5.4 Erection of Tree Protection Fencing**

- Tree Protection Fencing and to be erected as indicated on the Tree Protection Plan (plan 3A) and as detailed in Appendix A.

### **5.6 Construction Work**

- Once the fencing has been relocated to the rear of the parking area then construction work can commence.
- Services for the development are to be located as indicated on the plans with the service runs agreed with the architect and service providers before any excavation work commences. No services to be located within the root protection areas of the trees.
- No site materials to be stored within the fenced tree protection areas.

### **5.6 Completion of work.**

- On completion of the construction work the tree protective can be removed.
- Ground preparation may be required and could include light cultivation of the surface of the soil to enable seeding or turfing. Such light cultivation would not exceed 5cm and therefore have no impact on the existing trees.



# Appendix A – Tree Protection Fencing

