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Arboricultural Report

Proposed Change of Use of Redundant Agricultural Buildings

Greenhills,

Burton Road

Thealby, Scunthorpe

North Lincolnshire

DN15 9AB

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Agent

Edwardson Associates

Paddock House

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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 Greenhills, Burton Road, Thealby. The development proposals are for the change of use of redundant agricultural buildings to residential properties.
- 1.2 The arboricultural survey was commissioned by Edwardson Associates and is linked to the design work undertaken by them as planning consultants 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 PLAN (Plan 1A)



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 using a diameter tape measure.
- 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

Tree No	Species	Height M	Stem Dia (RPA)	Branch Spread	Height of crown clearance	Age Class	Physiological condition	Structural Condition	Preliminary Management Recommendations	Useful life expectancy	Category grading
T1 (First tree inline of G1)	Ash	20m	600e 7.2mm	N 5 S 5 E 6 W 4	2m	M	Good	Good	No action	30+	B2
G1	Group of mainly ash and sycamore trees	20m	600e 7.2m	5m to 6m	2m	M	Good	Good	No action	30+	B2
W1	Woodland (Mainly poplar)	20m	400e 4.8m	-	-	M	Good	Good	No action	30+	B2

4.0 ARBORICULTURAL IMPLICATIONS ASSESSMENT

Plan 2A – Proposed Layout



4.1 General Impact

The proposals are for the conversion of redundant agricultural buildings to form two residential properties.

4.2 Tree Removal and Pruning

No tree removal is required.

4.3 Future Relationship with Trees

Both properties have an open aspect and are not affected by trees.

4.3 Root Protection Measures

Tree protection measures in the form of protective fencing are considered necessary during construction work for both trees to be retained. Details of the position of the fencing have been shown on plan 3A and details of the fencing construction in appendix A.

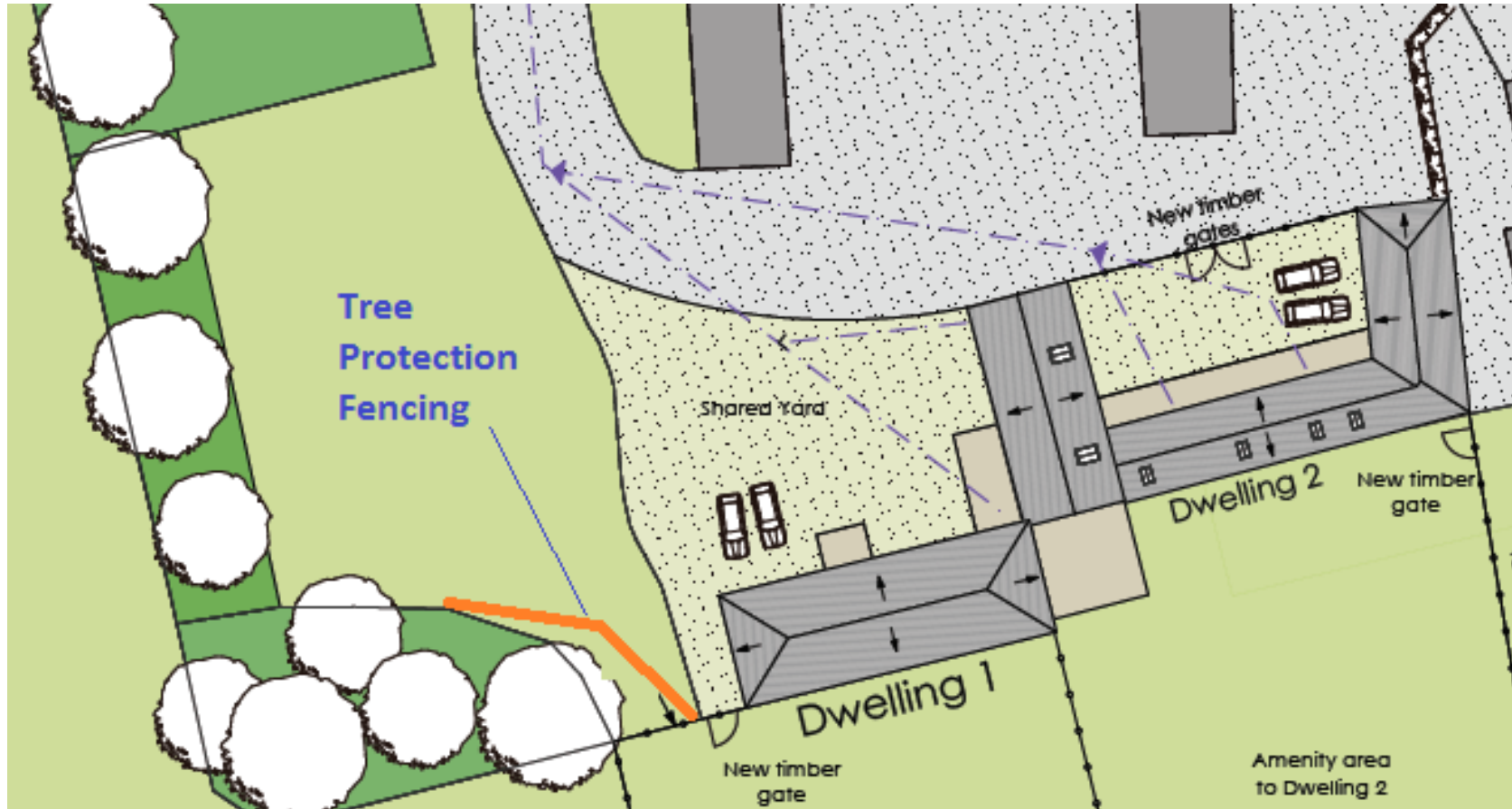
4.4 Construction and Storage Space

Adequate space exists for construction work and for the supply and storage of materials.

4.5 Services

No new services will be dug within the root protection areas of the trees.

5.0 TREE PROTECTION MEASURES (Plan 3A)



6.0 ARBORICULTURAL METHOD STATEMENT (AMS)

6.1 General Site Management Constraints

- No soil stripping, excavation or removal is to take place. No compaction of soil is to take place.

6.2 Local Planning Authority Meeting

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

6.3 Tree Removal and Site Clearance

- No trees to be removed.

6.4 Erection of Tree Protection Fencing

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

6.5 Construction Work

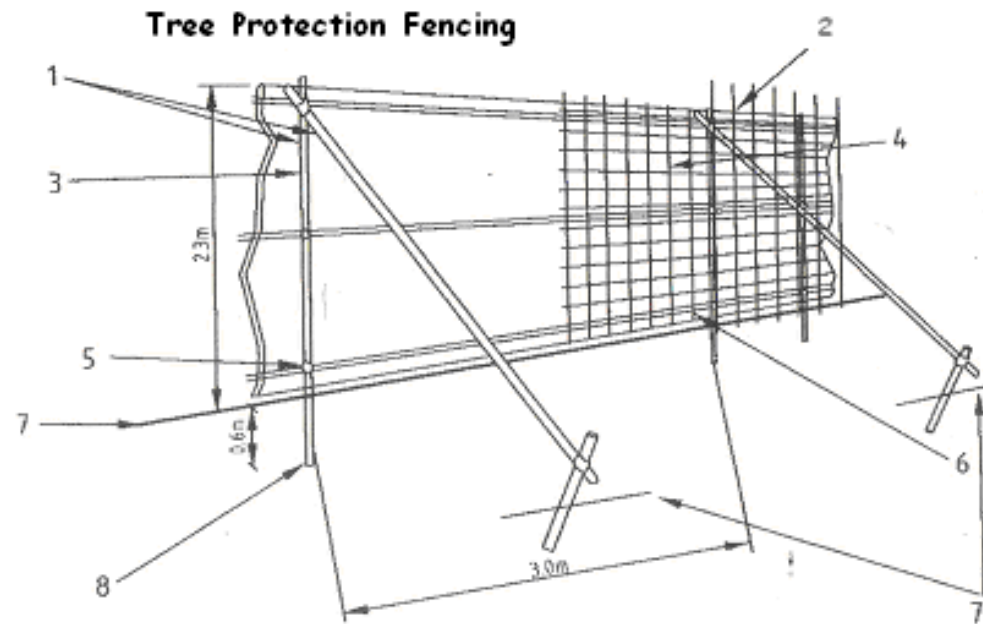
- With the tree protection fencing in place the construction work can commence.
- Services for the development are to be located as indicated on the plans with the service runs agreed with the architect and service providers before any excavation work commences. No services to be located within the root protection areas of the trees.
- No site materials to be stored within the fenced tree protection areas.

6.6 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

Extract from BS5837:2005



- 1) Standard Scaffold Poles
- 2) Uprights to be driven into the ground
- 3) Panels secured to uprights with wire ties
- 4) Weldmesh
- 5) Standard clamps
- 6) Wire twisted and secured on inside of fence
- 7) Ground level
- 8) Approx 0.6m into the ground

