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Arboricultural Report (Ver 1)

Humber Bridge Garden Centre
Far Ings Road
Barton on Humber
North Lincolnshire

September 2024

Client

P&N Design
Unit 34 Welton Business Park
Wiske Avenue
Brough
East Yorkshire
HU15 1ZQ

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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 the Humber Bridge Garden Centre, Far Ings Road, Barton on Humber. The development proposals are for the construction of Workshop Units.

1.2 The arboricultural survey was commissioned by P & N Design and is linked to the design work undertaken by them 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.

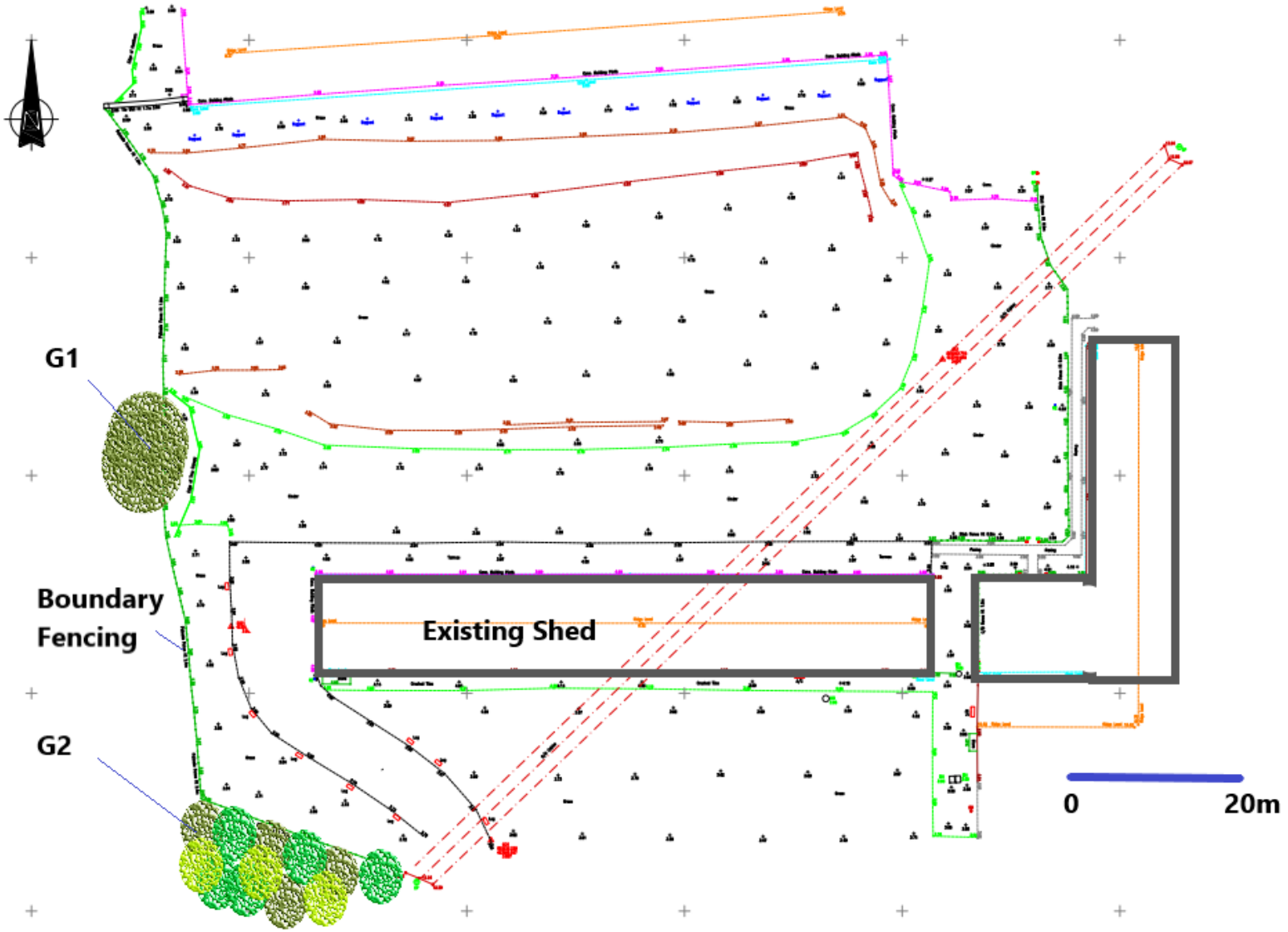
1.3 The following information has been recorded in accordance with BS 5837:2012:-

- 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 Tree Survey (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 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

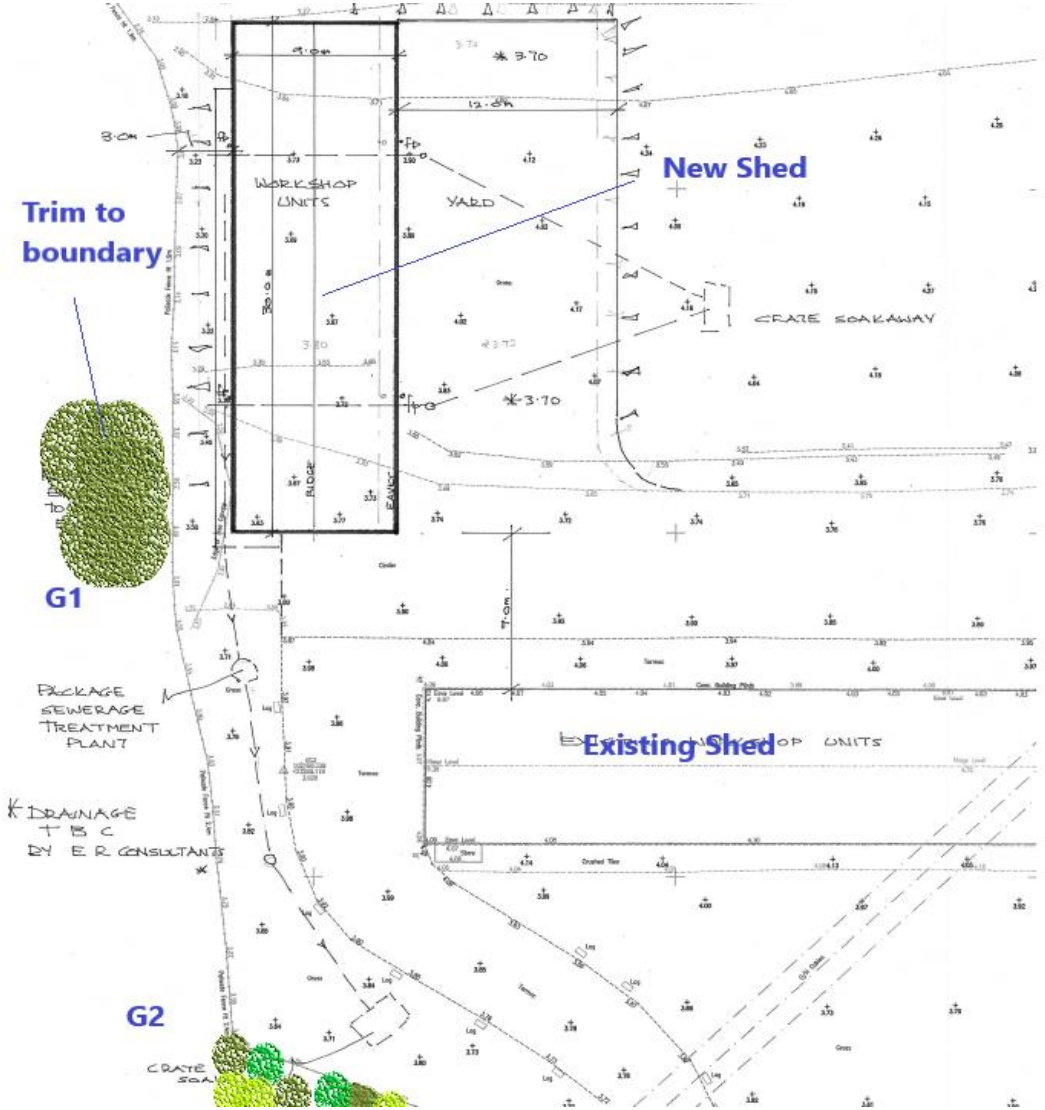
1 Mainly arboricultural qualities
2 Mainly landscape qualities
3 Mainly cultural values, including conservation

3.12 Schedule of Existing Trees (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
G1	**Goat Willow**	5m	300e 3.6m	4m	-	M	Good	Fair	**Trim back branches which are growing through the boundary fence**	20+	C2
G2	**Shrub and Tree Planting**	6m	100e 1.2m	2m	1m	Y	Good	Good	**No action** Young, mixed species planting area including, dogwood, alder, hawthorn, willow dog rose.	40+	B2

4.0 ARBORICULTURAL IMPLICATIONS ASSESSMENT

Plan 2A – Proposed Layout



4.1 Impact on Existing Trees

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The trunk of the goat willow G2, is located approximately 3m from the fence line within the adjacent land. The tree appears to have fallen over and branches extend through the boundary fence of this scrubby tree. Only minor pruning work is required to trim back to the boundary and clear the boundary security fence.

Adjacent to the proposed soakaway are some young trees and shrubs (G2) as illustrated in the photograph below. These would be unaffected by the excavation works are well outside the root protection areas for these plants.

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 proposed construction works.

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 Pruning and Removal of Existing Trees

- No trees to be removed. – Minor trimming of goat willow (G1).

5.4 Tree Protection

- The existing security fencing will act a suitable protection for G1. Given only a simple trench and hole are required for the soakaway in a wide verge area it is considered that the existing boundary fence will also be sufficient for the protection of G2 in this instance. See fencing plan in appendix A for further details.

Appendix A – Boundary and planting fencing to act as protection fencing for trees and shrubs.