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Tree Survey Report (ver 1) Beech Avenue Holgate York YO24 4JL

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	Staff Member	Position
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Signed off by :	Chris Toohie MSc MCIEEM	Senior Ecologist

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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 the proposed development on land at Beech Avenue, Holgate, York. The development proposals are for the construction of residential properties.
- 1.2 The aims of the survey are to undertake a survey of all trees and within and on the boundaries of the site.
- 1.3 The following information was requested as part of the brief:
- Designated tree number.
 - Tree Species – the common name has been given followed by the scientific name.
 - Height.
 - Stem or base (multi stemmed trees) diameter and root protection area provided as a radius from the trunk.
 - 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), middle age (MA), 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 (a full tree risk survey will not be undertaken at this stage).
 - Tree category (U, A, B or C).

2.0 SITE PLANS

2.1 Location Plan 1A



NORTH 

Scale: NTS

Drawing title:
Site Location

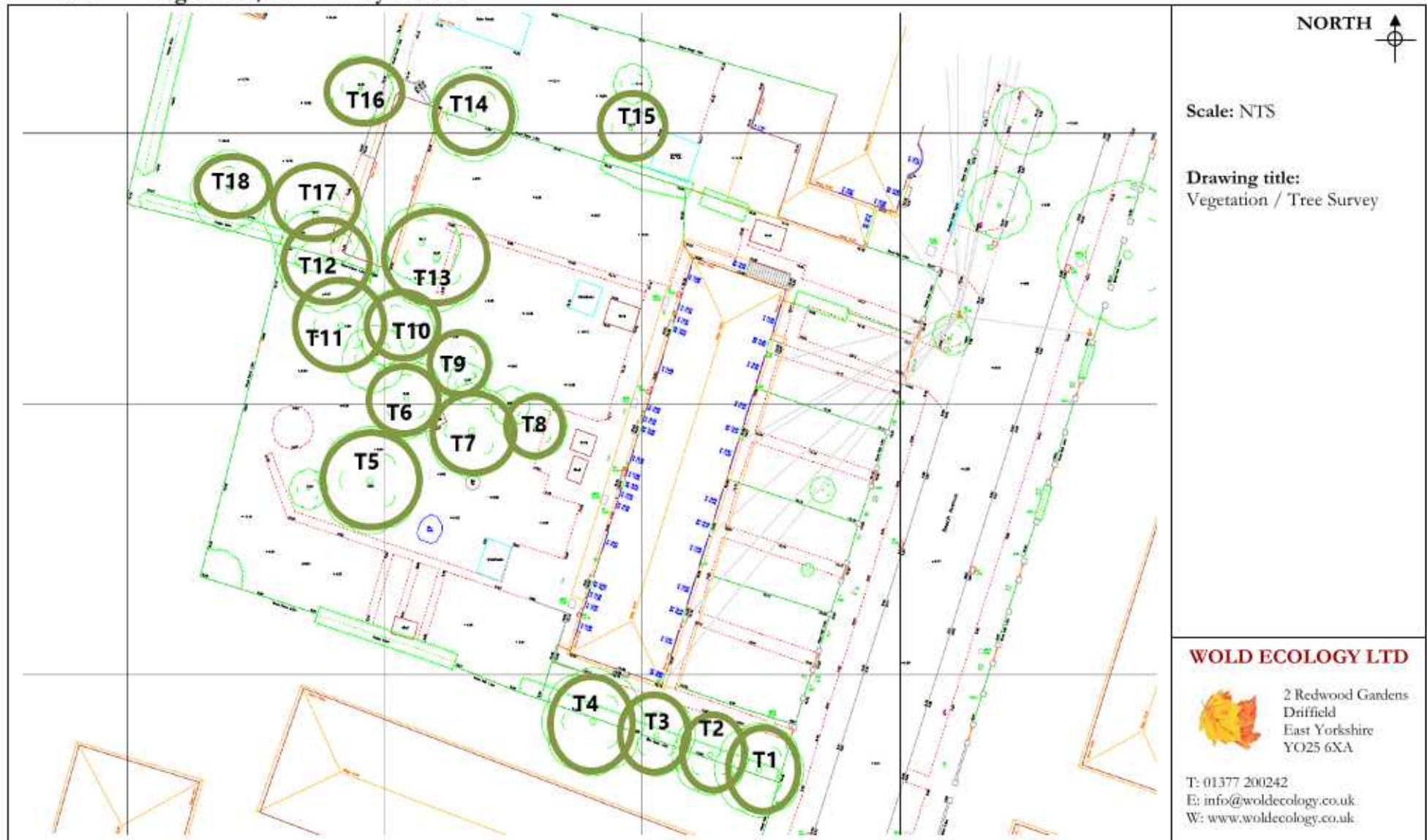
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2.2 Vegetation/Tree Survey Plan 2A



3.0 SURVEY METHODOLOGY AND SCHEDULE

- 3.1 The survey was carried out to British Standard 5837:2012, using the categories explained below.
 - 3.1.1 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.
 - 3.1.2 The tree numbers within the schedules refer to the order in which the trees were recorded.
 - 3.1.3 The approximate height of each tree is measured from ground level to top of canopy using a clinometer.
 - 3.1.4 The approximate diameter of each tree is measured at 1.5m above ground level. Many trees are not measured due to inaccessibility. The root protection distance which has been expressed as a radius from the trunk of the tree has been given below the diameter measurement.
 - 3.1.5 The age of each tree is based upon our experience.
 - 3.1.6 The physiological condition of the trees is based upon our experience.
 - 3.1.7 The structural condition and description is based upon our experience.
 - 3.1.8 Both the approximate expected lifespan remaining, and category/rating of each tree is based upon the surveyor's experience.
 - 3.1.9 The retention category of each tree or group of trees is based upon the information detailed above using the following categories:-
 - R Trees to be removed for arboricultural reasons
 - A Trees of high quality and value
 - B Trees of moderate quality and value
 - C Trees of low quality and value
 - 3.1.10 The following subcategories have been used in rating tree value:
 - 1 Primarily arboricultural value
 - 2 Primarily landscape value
 - 3 Primarily cultural values, including conservation

3.2 TREE SCHEDULE – (See Plan 1a)

Note – the Root Protection Area (RPA) is listed as a **radius** below the stem diameter in the schedule below.

Tree no	Species	Height	Stem Dia RPA	Branch Spread	Crown Height	Age Class	Physiological Condition	Structural Condition	Preliminary Management Recommendations	Useful life Expectancy	Category Grading
T1	Cypress	20m	520 6.2m	4m	2m	M	Good	Good	No action	40+	B2
T2	Holly	14m	260 3.1m	3m	2m	M	Good	Good	No action	40+	C3
T3	Holly	14m	210 2.5m	3m	2m	M	Good	Good	No action	40+	C3
T4	Ash 3 stems	16m	300 3.6m	4m	2m	M	Good	Good	No action	-	C3
T5	Contorted Willow	14m	280 3.3m	3m	2m	M	Good	Good	No action	20+	C3
T6	Contorted willow	12m	250 3.0m	3m	2m	M	Good	Good	No action	20+	C3
T7	Apple	5m	290 3.5m	4m	2m	M	Fair	Fair	No action	10+	C3

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
T8	Palm	4m	190 2.3m	1m	2m	M	Good	Good	No action	10	C3
T9	Ash	16m	230 2.7m	4m	2m	M	Fair	Fair	No action Some crown dieback	-	C3
T10	Pear	11m	300e 3.6m	3m	3m	M	Poor	Poor	No action Heavy with ivy	10+	C3
T11	Apple	5m	320 3.8m	3m	2m	M	Fair	Fair	No action	10+	C3
T12	Hazel	7m	300e 3.6m	4m	2m	M	Good	Good	No action Tree on adjacent land	40+	C3
G13	Apple 2trees	5m	230 2.7m	4m	2m	M	Good	Good	No action	40+	C3
T14	Prunus Plum	7m	300e 3.6m	4m	2m	M	Good	Good	No action	40+	C3
T15	Apple	5m	300e 3.6m	3m	2m	M	Fair	Fair	No action Tree on adjacent land	40+	C3
T16	Apple	5m	300e 3.6m	3m	2m	M	Good	Good	No action Tree on adjacent land	40+	C3

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
T17	Cherry	17m	400e 4.8m	3m	2m	M	Good	Good	No action Tree on adjacent land	40+	C3
T18	Cherry	5m	300e 3.6m	3m	2m	M	Poor	Poor	No action Tree on adjacent land	-	U

4.0 ARBORICULTURAL IMPLICATIONS ASSESSMENT – INITIAL COMMENTS

4.1 Tree Retention – Front Garden Area

4.1.1 The most significant trees are trees T1, T2, T3 and T4 which forms features in the street scene of Beech Avenue. Retention of these trees is desirable.



Photograph 1 - View looking south along Beech Avenue.

4.2 Tree Retention –Rear Garden Area

4.2.1 None of the existing trees in the rear garden are worthy of designing around, with most being small garden trees of limited value.



Photograph 2 - Rear garden trees.



Photograph 3 - Rear garden trees.