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Land at Hanshaw Lane Hoyland

Arboricultural Survey

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Land at Hanshaw Lane
Hoyland

Arboricultural Survey

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DOCUMENT ISSUE RECORD

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1	June 2018	Draft	J. Stacey Quals FdSc Arb M.Arbor.A	Chris Grocock MSc BSc (Hons) GradCIEEM	
2	July 2018	Revised Draft	J. Stacey Quals FdSc Arb M.Arbor.A	Chris Grocock MSc BSc (Hons) GradCIEEM	J. MacQueen BA (Hons)

Limitations

The assessments and interpretation have been made in line with legislation and guidelines in force at the time of writing, representing best practice at that time.

All of the comments and opinions contained in this report, including any conclusions, are based on the information obtained by BWB during our investigations.

There may be other conditions prevailing on the site which have not been disclosed by this investigation and which have not been taken into account by this report. Responsibility cannot be accepted for conditions not revealed by the investigation.

Any diagram or opinion of the possible configuration of the findings is conjectural and given for guidance only and confirmation of intermediate ground conditions should be considered if deemed necessary.

Except as otherwise requested by the Client, BWB is not obliged and disclaims any obligation to update the report for events taking place after:

a) the date on which this assessment was undertaken; and
b) the date on which the final report is delivered.

BWB makes no representation whatsoever concerning the legal significance of its findings or to other legal matters referred to in the following report.

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CONTENTS PAGE

1.0 INTRODUCTION

Instruction

1.1 BWB Consulting (BWB) was instructed by the Client to carry out an Arboricultural survey on land at Hanshaw Lane Hoyland, Barnsley.

1.2 The survey was commissioned to produce a tree constraints report and plan in order to provide information on the trees on site along with retention categories to inform the proposed development.

Objectives

1.3 The objectives of the report are To present the methods and results of the Arboricultural Survey in accordance with BS 5837:2012 including a Tree Constraints Plan.

Scope of Work

1.4 The scope of work included:

- Arboricultural Survey undertaken on 5th July 2018 by James Stacey M.Arbor.A.
- Production of Tree constraints plan and report.

2.0 THE SITE

Site Location

2.1 The site is located approximately 6 miles to the South of the city of Barnsley. The site is currently pasture grassland with livestock.

2.2 The site is centred at approximate national grid reference (NGR) SE 35911 00582. The site is roughly rectangular in shape and extends to approximately 10.2 hectares (Ha). The site falls within the administrative area of Barnsley metropolitan Borough Council.

Site Description

2.3 The site comprises of a number of fields which are all pasture grassland and the western field at the time of survey held cattle livestock. A number of horses were also kept in a small South West paddock. The are small semi mature woodland copses in the Northern section of the site. The site is surrounded by residential properties on the East, South and West boundaries. North of the site is currently of similar grass pasture land use.

2.4 The land form of the site gently sloping uphill from the North west corner to the South East corner. The land lies at approximately between 140m to 170m Above Ordnance Datum (AOD).

2.5 An Arboricultural survey was carried out on by J. Stacey M.Arbor.A.

3.0 METHODS

Arboricultural Survey

3.1 The arboricultural survey covers those trees or groups of trees which are considered relevant for the brief. During the survey, all relevant individual trees and groups of trees located within and close to the boundary of the site were assessed. Trees with an estimated stem diameter of 75mm or more that overhang the site or are located within a distance of up to 12 times their estimated stem diameter were included in the survey.

3.2 The objective of the survey was to collect tree data relevant to the proposed works at the site and to categorise individual trees or tree groups in accordance with BS 5837:2012 'Trees in relation to design, demolition and construction – Recommendations', based on their condition, quality and future potential[1].

3.3 The purpose of the categories within BS 5837:2012 is not to determine whether retention of trees is desirable, 'The purpose of the tree categorization method, which should be applied by the arboriculturist, is to identify the quality and value (in a non-fiscal sense) of the existing tree stock, allowing informed decisions to be made concerning which trees should be removed or retained in the event of the development occurring.' (BS 5837:2012, Section 4.5.2). This survey should therefore be regarded as an initial appraisal with observations recorded for trees within and adjacent to the study area. Remedial tree works, foundation design and material specification are not covered within this report.

3.4 Locations for the trees on the site are shown on **Figure 1** - Tree Constraints Plan and are based on the supplied topographical survey drawing. To maintain good practice, it is recommended that all measurements be checked on site prior to works commencing. A detailed inspection of the trees with respect to decay, defects and hazard is not included with this report.

3.5 The site survey was conducted on 5th July 2018 by James Stacey M.Arbor.A in accordance with the BS 5837:2012 methodology. The surveyor has considerable experience of arboricultural surveys and has completed training in BS 5837:2012 survey methodology. Information collected during the survey included species, height, stem diameter, branch spread, height of crown clearance, age class, physiological condition, structural condition, estimated remaining contribution and category grade.

3.6 The survey was undertaken from ground level using visual assessment of the tree canopy and stem. No removal of vegetation, digging or drilling was undertaken during the survey and parts of the stems of some trees remained partly obscured by vegetation. The weather conditions at the time of the survey were acceptable. All parts of the site were fully accessed and there were no significant survey limitations.

3.7 No liability can be accepted in respect of the trees or for events which happen after the time of the survey.

[1] British Standards Institution (BSI) BS 5837:2012. Trees in relation to design, demolition and construction – Recommendations. Published by BSI Standards Limited 2012. ISBN 978 0 58069917 7

4.0 RESULTS

Arboricultural Survey

4.1 The tree survey results are shown in **Appendix 1** (Tree Constraints Table) and **Figure 1** (Tree Constraints Plan), which provide details of canopy spreads and Root Protection Areas (RPAs) of the trees included within the survey. The RPAs have been calculated in accordance with Section 4.6 of BS 5837:2012. Although the RPA attempts to identify the area of each tree's root system which should be protected, the simplistic circles do not take account of constraints such as buildings, land form, walls etc. which may have restricted or influenced root development. Circular RPAs are considered to provide a reasonable guide to the extent of the likely rooting areas which should ideally be protected.

4.2 A TPO check through Barnsley Metropolitan Borough Council was carried out on 18th June 2018 which revealed that there are no TPO or Conservation Area designations at the site.

4.3 The trees included within this survey comprise of 23 individual trees, 9 tree groups,11 hedge groups and 3 woodland groups.

- 3 woodland groups were classified as Category B.
- 2 individual trees were classified as Category B.
- 17 individual trees were classified as Category C.
- 9 tree groups were classified as Category C.
- 1 hedge group was classified as Category B.
- 10 hedge groups were classified as Category C.
- 3 trees were classified as Category U.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

5.1 During the survey 23 individual trees, 9 tree groups, 11 hedge groups and 3 woodland groups were identified (refer to **Appendix 1** and **Figure 1**). Species located on site comprise of Sycamore (Acer pseudoplatanus), Ash (Fraxinus excelsior), Hawthorn (Crataegus monogyna), Birch (Betula pendula), Scots pine (*Pinus sylvestris*), Poplar (*Populus sp*) and Elder (*Sambuccus nigra*).

5.2 The trees included within this survey comprise of 23 individual trees, 9 tree groups,11 hedge groups and 3 woodland groups.

- 3 woodland groups were classified as Category B.
- 2 individual trees were classified as Category B.
- 17 individual trees were classified as Category C.
- 9 tree groups were classified as Category C.
- 1 hedge group was classified as Category B.
- 10 hedge groups were classified as Category C.
- 3 trees were classified as Category U.

5.3 W1, W2 and W3 are small woodland copses of young to semi mature trees which are located in the Northern section of the site. They consist of mainly native species and provide good woodland canopy cover which will support various habitats. All are considered to be BS5837:2012 Category B2.

5.4 T1, T2 and T17 are tree which are located within the rear gardens of adjoining properties to the site. All are good quality trees with good form and exhibit good health. They are considered to be BS5837:2012 Category B1.

5.5 G6-G9 are located near a small standalone house and barn in the South West corner of the site. All groups are very densely overgrown and have not been managed. Various damage, dead stems and deadwood can be found throughout the groups. Due to the poorer quality in terms of structure and impact upon the landscape these are all considered to be BS5837:2012 Category C2.

5.6 T14 and T15 are trees which are showing signs of significant decline and it is not believed that they will survive more than 10 years of the development. T19 is a dead tree. All are considered BS5837:2012 Category U.

5.7 All remaining trees and hedge groups are of lesser quality in terms of their condition and impact upon the landscape and are considered to be BS5837:2012 Category C.

Recommendations

5.8 It is recommended that W1-W3 be retained to maintain the woodland canopy cover it provides the local landscape.

5.9 It is recommended that where possible Category B trees are retained for their particular quality and impact they provide on the local landscape.

5.10 It is recommended that T14, T15 and T19 be removed due to poor health and condition.

5.11 All tree works should be undertaken by qualified arborists in accordance with BS5837:2012.

5.12 Where appropriate, all the trees to be retained should be protected with a tree protection fence in line with BS5837:2012 current recommendations.

5.13 Any new landscaping should be maintained to promote longevity and the trees should be given the best possible chance of establishment.

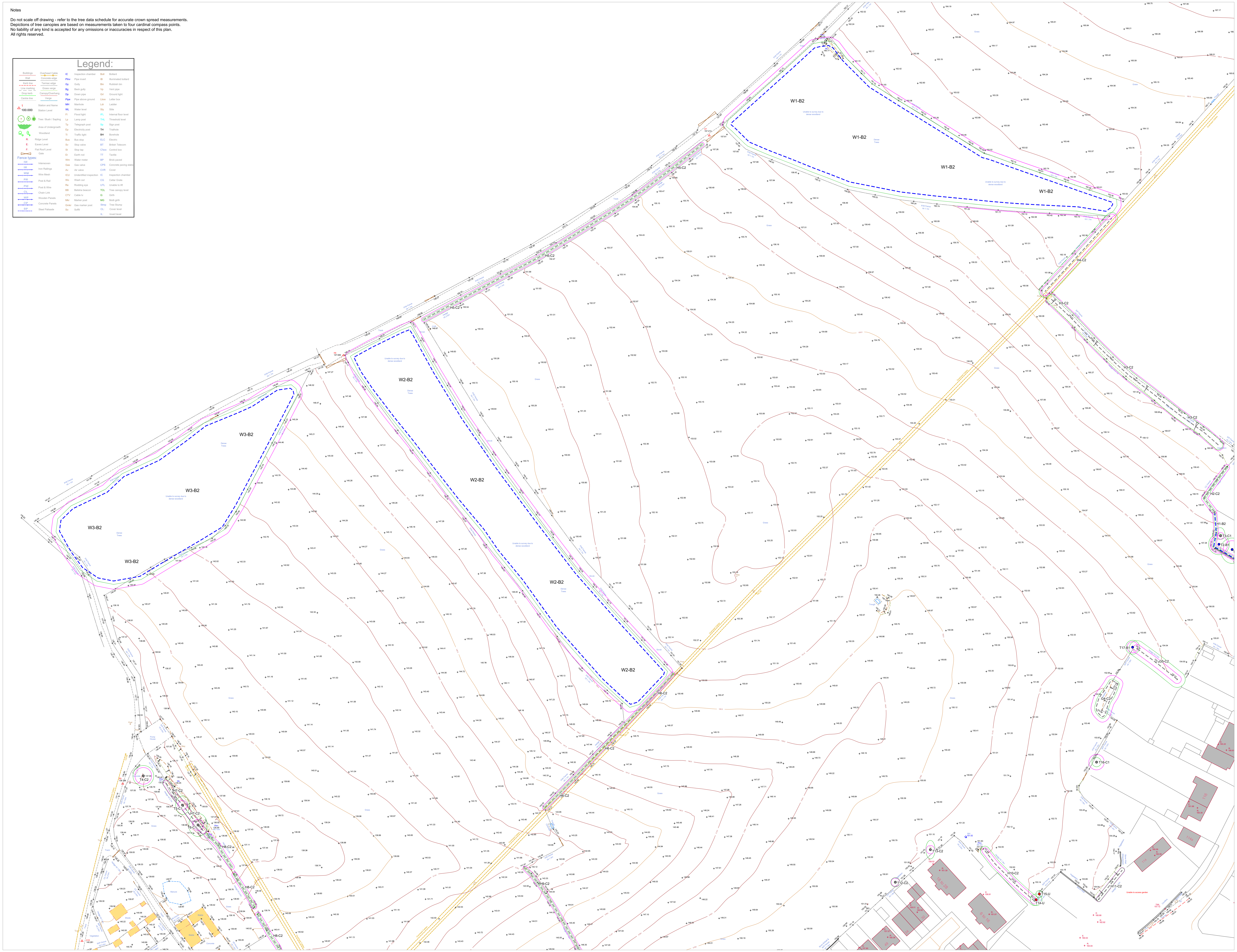
FIGURES

FIGURE 1

TREE CONSTRAINTS PLAN

Notes

Do not scale off drawing - refer to the tree data schedule for accurate crown spread measurements.
Depictions of tree canopies are based on measurements taken to four cardinal compass points.
No liability of any kind is accepted for any omissions or inaccuracies in respect of this plan.



Tree Constraints Plan showing tree categories and root protection zones.

BS5837:2012 Tree Categories

Category A
Trees of high quality with an estimated remaining life expectancy of at least 40 years. Groups shown as hatched shapes.

Category B
Trees of moderate quality with an estimated remaining life expectancy of at least 20 years. Groups shown as hatched shapes.

Category C
Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm. Groups shown as hatched shapes.

Category U
Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years. Groups shown as hatched shapes.

BS 5837:2012 Root Protection Area

Tree
Showing Canopy extents, category colour and tag number (with category) .

Tree groups.
Shown as dashed centre line.
Colour represents category (see above).

Tree/Group/Hedge numbering: T1-T23, G1-G9, H1-H11, W1-W3.

N

1:500
0 10 20 30m

Sheet Key

Sheet 1
Sheet 2

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Client

Project
Land at Hoyland, Lowe.

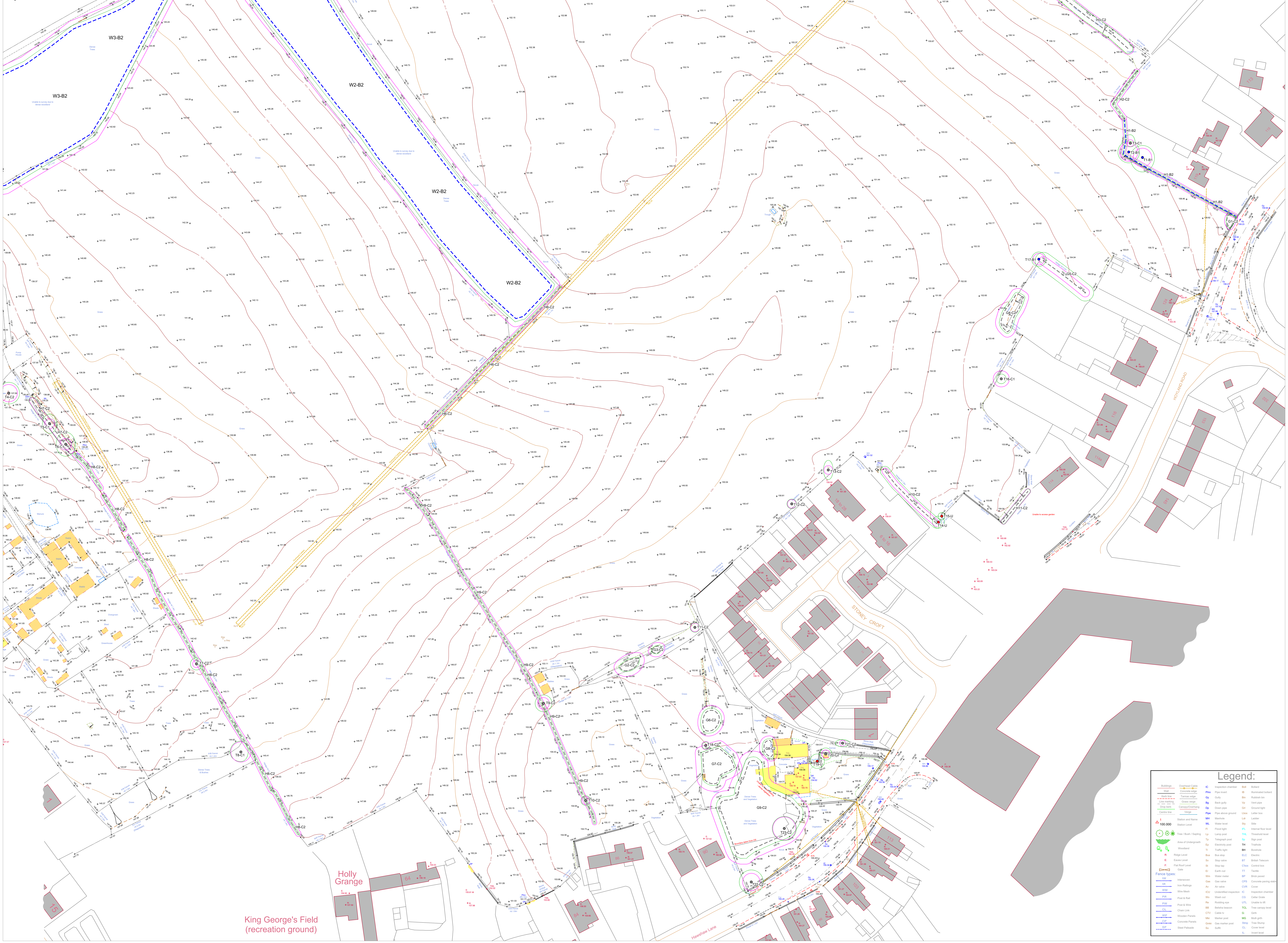
Drawing Title
Tree Constraints Plan - Sheet 1

Scale	Date	DB	CB
1:500 A0	July 2018	CS	JS

Drawing Number	Rev
	1

Notes

Do not scale off drawing - refer to the tree data schedule for accurate crown spread measurements. Depictions of tree canopies are based on measurements taken to four cardinal compass points. No liability of any kind is accepted for any omissions or inaccuracies in respect of this plan.



Tree Constraints Plan showing tree categories and root protection zones.

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BS 5837:2012 Root Protection Area

Tree
Showing Canopy extents, category colour and tag number (with category) .

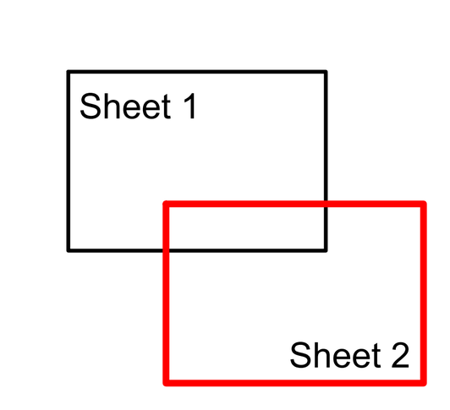
Tree groups.
Shown as dashed centre line. Colour represents category (see above).

Tree/Group/Hedge numbering: T1-T23, G1-G9, H1-H11, W1-W3.

N

1:500
0 10 20 30m

Sheet Key



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Land at Hoyland, Lowe.

Drawing Title
Tree Constraints Plan - Sheet 2

Scale	Date	DB	CB
1:500 A0	July 2018	CS	JS

Drawing Number

Rev 1

APPENDIX 1

TREE CONSTRAINTS TABLE

Tree/ Group Ref No.	Species	Height (m)	Crown Spread (m)				Stem diameter (mm)	Age class	Physiological Condition	Condition	Management recommendations	ERC	Cat Grade	Radius of Nominal Circle (m)	RPA SqM
			W	N	S	E									
T1	Betula pendula	14	5	5	6	5	320	M	G	Silver birch tree in rear garden. Large wide crown with unobstructed growth. Good overall condition with no concerns identified.	Retain	20+	B1	3.84	46.33
T2	Populus nigra	15	4.5	4.5	4.5	4.5	320	M	G	Poplar Tree located in rear garden of adjacent property. Overall exhibits good condition and health.	Retain	20+	B1	3.84	46.33
T3	Sorbus aucuparia	5	3.5	3.5	1.5	2	120	M	F	Rowan tree in rear garden of adjacent property. Located under canopy of T2 and is suppressed.	Retain	20+	C1	1.44	6.52
T4	Crataegus mongyna	8	4.5	4.5	4.5	4.5	300	M	F	Stand alone hawthorn tree in horse paddock. Fair condition with minor deadwood.	Retain or remove as per development plans.	20+	C2	3.6	40.72
T5	Fraxinus excelsior	9	3	4	4	3	170	SM	G	Ash in hedge row exhibiting good health and condition.	Retain	30+	C1	2.04	13.08

Tree/ Group Ref No.	Species	Height (m)	Crown Spread (m)				Stem diameter (mm)	Age class	Physiological Condition	Condition	Management recommendations	ERC	Cat Grade	Radius of Nominal Circle (m)	RPA SqM
			W	N	S	E									
T6	Fraxinus excelsior	9.5	4	5	5	4	200	SM	G	Ash in hedge row exhibiting good health and condition.	Retain	30+	C1	2.4	18.10
T7	Crataegus mongyna	4.5	2.5	2.5	2.5	2.5	130	M	F	Tree with hedge which has been left unmanaged. Fair overall condition.	Retain	30+	C2	1.56	7.65
T8	Acer pseudoplatanus	10	4.5	4.5	4	3	350	M	G	Tree on adjacent land next to boundary hedge. Good condition	Retain	30+	C1	4.2	55.42
T9	Crataegus mongyna	5	3.5	3.5	3.5	3.5	200	M	G	Tree within hedge, overall good condition	Retain or remove as per development plans.	30+	C2	2.4	18.10
T10	Crataegus mongyna	4	2	2	2	2	140	M	G	Tree within hedge, overall good condition	Retain or remove as per development plans.	30+	C2	1.68	8.87
T11	Crataegus mongyna	3.5	2	2	2	2	150	M	G	Hawthorn shrub on boundary. No obvious defects, good condition.	Retain or remove as per development plans.	30+	C2	1.8	10.18
T12	Crataegus mongyna	5.5	2	2	2	2	150	M	G	Self sown tree on boundary fence line. Good overall condition	Retain or remove as per development plans.	30+	C2	1.8	10.18
T13	Crataegus mongyna	4.5	2	4	4	2	150	M	G	Self sown tree on boundary fence line. Good overall condition	Retain or remove as per development plans.	30+	C2	1.8	10.18

Tree/ Group Ref No.	Species	Height (m)	Crown Spread (m)				Stem diameter (mm)	Age class	Physiological Condition	Condition	Management recommendations	ERC	Cat Grade	Radius of Nominal Circle (m)	RPA SqM
			W	N	S	E									
T14	Crataegus mongyna	6.5	2.5	2.5	2.5	2.5	200	M	P	Tree is in decline and is not likely to survive more than 10 years of any development.	Remove	<10	U	2.4	18.10
T15	Sambuccus nigra	3.5	1.5	1.5	1.5	1.5	100	M	P	Tree is in decline and is not likely to survive more than 10 years of any development.	Remove	<10	U	1.2	4.52
T16	Cupressocyparis macrocarpa	10	2	2	2	2	280	M	G	Mature Cypress in rear garden of adjacent property. Good condition	Retain	20+	C1	3.36	35.47
T17	Quercus robur	6.5	3	3	3	3	200	SM	G	Young oak in garden of adjacent property. Good condition	Retain	40+	B1	2.4	18.10
T18	Sambuccus nigra	4	1.5	1.5	1.5	1.5	140	M	G	Single elder tree. Good overall condition.	Retain or remove as per development plans.	20+	C2	1.68	8.87
T19	Picea sp	7	3	3	3	3	310	M	D	Tree is dead.	Remove	Dead	U	3.72	43.48
T20	Pyruvate sp	3.5	2.5	2.5	2.5	2.5	140	M	G	Self sown pear growing between wall and wooden hut.	Remove	20+	C2	1.68	8.87
T21	Sorbus aucuparia	3	3	1.5	1.5	3	100	M	G	Multi stemmed self set rowan	Retain or remove as per	20+	C2	1.2	4.52

Tree/ Group Ref No.	Species	Height (m)	Crown Spread (m)				Stem diameter (mm)	Age class	Physiological Condition	Condition	Management recommendations	ERC	Cat Grade	Radius of Nominal Circle (m)	RPA SqM
			W	N	S	E									
										tree on edge of drive.	development plans.				
T22	Salix caprea	10	5	5	5	5	300	M	G	Multi stemmed willow on corner boundary. No obvious defects, exhibits good overall condition.	Retain	20+	C2	3.6	40.72
T23	Acer pseudoplatanus	13	5	5	5	5	400	M	G	Tree located within G9, dense undergrowth makes access difficult. Overall exhibits good health.	Reatin or remove as per development plans.	20+	C2	4.8	72.39
G1	Crataegus mongyna	2.5	1	1	1	1	80	M	G	Small hawthorn shrub in corner of field.	Retain or remove as per development plans.	30+	C2	0.96	2.90
G2	Crataegus mongyna	3.5	2	2	2	2	200	M	G	Hawthorn shrub on boundary. No obvious defects, good condition.	Retain or remove as per development plans.	30+	C2	2.4	18.10
G3	Sambuccus nigra	3	1.5	1.5	1.5	1.5	130	M	G	Elder shrub on boundary. Good condition	Retain or remove as per development plans.	20+	C2	1.56	7.65
G4	Crataegus sp, Malus sp	4.5	3	3	3	3	190	M	F	Small group of trees in boundary. Fair condition with some deadwood and decline.	Retain or remove as per development plans.	20+	C2	2.28	16.33

Tree/ Group Ref No.	Species	Height (m)	Crown Spread (m)				Stem diameter (mm)	Age class	Physiological Condition	Condition	Management recommendations	ERC	Cat Grade	Radius of Nominal Circle (m)	RPA SqM
			W	N	S	E									
G5	Acer sp, Ulmus sp, Alnus sp	5	3.5	3.5	3.5	3.5	150	SM	F	Group of trees in garden of adjacent property.	Retain	30+	C2	1.8	10.18
G6	Crataegus sp, Sambuccus sp	3	1.5	1.5	1.5	1.5	100	M	G	Small group of trees/shrubs. No concerns identified, good condition.	Retain or remove as per development plans.	30+	C2	1.2	4.52
G7	Sambuccus sp Salix sp, Prunus sp.	7	3	3	3	3	200	M	F	Large group of trees in various condition with some showing decline. Deadwood throughout group.	Retain or remove as per development plans.	20+	C2	2.4	18.10
G8	Sambuccus nigra , Sorbus aucuparia	4.5	2	2	2	1	100	M	F	Self set group of trees against building.	Remove	20+	C2	1.2	4.52
G9	Crataegus sp, Sambuccus sp, Alnus sp, Acer sp,	4-8	3	3	3	3	200	M	F-G	Large dense group of vegetation with difficult access. Measurements estimated. Overall exhibits fair to good health with no significant concerns.	Retain or remove as per development plans.	20+	C2	2.4	18.10
H1	Fagus sp, Crataegus sp, Ilex sp	2.5-3	0.5	0.5	0.5	0.5	80	M	G	Well managed rear garden boundary hedge.	Retain	30+	B2	0.96	2.90

Tree/ Group Ref No.	Species	Height (m)	Crown Spread (m)				Stem diameter (mm)	Age class	Physiological Condition	Condition	Management recommendations	ERC	Cat Grade	Radius of Nominal Circle (m)	RPA SqM
			W	N	S	E									
H2	Crataegus mongyna, Sambuccus nigra	2-3	0.5	0.5	0.5	0.5	100	M	G	Mixed hedge on boundary. Good overall condition.	Retain	30+	C2	1.2	4.52
H3	Crataegus sp, Prunus sp, Sambuccus sp	3-6	2	2	2	2	200	M	F-G	Mixed mature hedge on field boundary. Multiple dead and dying trees within. Overall in good condition. Unmanaged.	Retain or remove as per development plans.	30+	C2	2.4	18.10
H4	Fraxinus sp, Acer sp, Crataegus sp,	7.5	2.5	2.5	2.5	2.5	150	SM	F-G	Line of semi mature ash and maple along fence line and under power line. Hawthorn understorey. Relatively good overall condition but trees are growing into contact with power line.	Retain or remove as per development plans.	20+	C2	1.8	10.18
H5	Crataegus sp, Fraxinus sp, Sambuccus sp	2	0.5	0.5	0.5	0.5	80	SM-M	G	Mixed species boundary hedge. Overall good condition. Managed to maintained height.	Retain	30+	C2	0.96	2.90

Tree/ Group Ref No.	Species	Height (m)	Crown Spread (m)				Stem diameter (mm)	Age class	Physiological Condition	Condition	Management recommendations	ERC	Cat Grade	Radius of Nominal Circle (m)	RPA SqM
			W	N	S	E									
H6	Crataegus sp, Fraxinus sp, Sambuccus sp	2	0.5	0.5	0.5	0.5	80	SM-M	G	Mixed species hedge across woodland and centre of site. Overall good condition and managed to height.	Retain or remove as per development plans.	30+	C2	0.96	2.90
H7	Crataegus mongyna	4	1.5	1.5	1.5	1.5	110	M	G	Hawthorn understorey hedge between 2 ash trees. Good overall condition.	Retain	30+	C2	1.32	5.47
H8	Crataegus sp, Ilex sp	2-4	0.5	0.5	0.5	0.5	80-110	M	G	Maintained mixed species hedge, good overall condition.	Retain	30+	C2	1.32	5.47
H9	Crataegus mongyna	2	0.5	0.5	0.5	0.5	80	M	G	Managed boundary hedge, good condition.	Retain or remove as per development plans.	30+	C2	0.96	2.90
H10	Crataegus sp, Fraxinus sp	2.5-5	2	2	2	2	110	M	F	Mixed unmanaged boundary hedge with deadwood throughout and some stems in decline. Fair condition overall.	Retain or remove as per development plans.	30+	C2	1.32	5.47
H11	Crataegus sp, Prunus sp	3	1	1	1	1	90	M	G	Boundary hedge, mixed species, overall good condition.	Retain or remove as per development plans.	30+	C2	1.08	3.66

Tree/ Group Ref No.	Species	Height (m)	Crown Spread (m)				Stem diameter (mm)	Age class	Physiological Condition	Condition	Management recommendations	ERC	Cat Grade	Radius of Nominal Circle (m)	RPA SqM
			W	N	S	E									
W1	Betula sp, Quercus sp, Salix sp, Pinus sp,	7.5	2	2	2	2	150	Y-SM	G	Young mixed species woodland exhibiting overall good condition with dense growth.	Retain	40+	B2	1.8	10.18
W2	Acer sp, Alnus sp, Salix sp, Pinus sp, Fraxinus sp,	10	3	3	3	3	150-200	Y-SM	G	Mixed woodland plantation. Good overall condition with dense growth.	Retain	40+	B2	2.4	18.10
W3	Acer sp, Fraxinus sp, Quercus sp, Crataegus sp, Corylus sp	8.5	3	3	3	3	150-200	SM	G	Mixed woodland plantation on North West boundary. Overall good condition with dense growth.	Retain	40+	B2	2.4	18.10

Key:

Tree/ Group Ref No. – tree/group number, to be recorded on tree survey plan where necessary.

Species – common and scientific names where possible.

Height – overall height of tree in metres.

Stem Dia – stem diameter, in millimetres at 1.5m above adjacent ground level (on sloping ground to the taken on the upslope of the tree base) or immediately above the roof flare for multi-stemmed trees.

Branch spread – in meters taken at the four cardinal points to derive an accurate representation of the crown (to be recorded on the tree survey plan where necessary).

Height of cc – height of crown clearance – in meters above adjacent ground level to inform on ground clearance, crown stem ratio and shading.

Age class – young (Y), Semi mature (SM), mature (M), over mature (OM) and veteran (V).

Physiological condition – e.g. good (G), fair (F), poor (P) and dead (D).

Structural condition – e.g. collapsing, the presence of decay and any physical defect.

Management recommendations – including further investigations of suspected defects that require more detailed assessment and potential wildlife habitat.

ERC – estimated remaining contribution – in years e.g. less than 10, 10-20, 20-40, more than 40.

Cat grade – category grade – U or A to C, to be recorded in plan on the tree survey plan where possible.

RPA – Root protection area calculated from BS5837:2012 Trees in Relation to Design, Demolition and Construction – Recommendations in sq/m. Where indicated, dimensions of radius of circle or sides of square based around centre point of trunk calculated for design purposes.

APPENDIX 2

CASCADE CHART FOR QUALITY ASSESSMENT

CASCADE CHART FOR THE QUALITY ASSESSMENT[1]

Category and definition	Criteria (including subcategories where appropriate)			Identification on plan
Trees unsuitable for retention				
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.	Trees that have serious, irremediable, structural defect, such that their early loss is expected due to collapse including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning). Trees that are dead or are showing signs of significant, immediate or irreversible overall decline. Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees supressing adjacent trees of better quality. *Note: Category U trees can have existing or potential conservation value which it might be desirable to preserve.*			See Table 2
	1 Mainly arboricultural qualities	2 Mainly landscape qualities	3 Mainly cultural values, including conservation	
Trees to be considered for retention				
Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue).	Trees, groups or woodlands of particular visual importance as arboricultual and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran or trees or wood pasture).	See Table 2
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in Category A, but were downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation.	Trees present in numbers, usually growing groups or woodlands, such that they attract a higher collective rating than they might attract as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality.	Trees with material conservation or other cultural value.	See Table 2
Category C Trees of low quality with an estimated remaining life expectancy of at east 10 years, or young trees with a stem diameter of <150mm.	Unremarkable trees of very limited merit or such impaired condition that they not qualify in higher categories.	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits.	Trees with no material conservation or other cultural value.	See Table 2

[1] The British Standards Institute 2012, Page 9 – Table 1.

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