








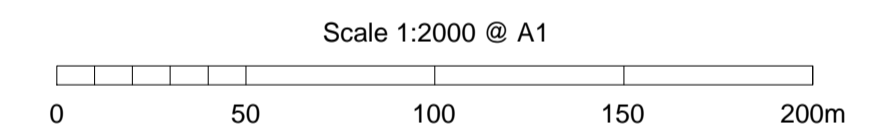




- KEY**
-  Tree Group to be Retained
 -  Tree/Group to be removed to facilitate the proposals
 -  Category U - Unsuitable for retention on arboricultural grounds
 -  Hedgerow Proposed to be Retained and Incorporated into the New Development
 -  Hedgerow Proposed to be Removed to Facilitate the Development upon Approval of the Application
 -  Veteran Tree
 -  Root Protection Area (The RPA has been altered where appropriate to reflect underground constraints)
 -  T1 (A)
TG1 (A) Individual / Group Number and BS5837:2012 Category
 -  Indicative Shade Pattern (in accordance with BS5837:2012 where appropriate)



NOTES

All dimensions to be verified on site. Do not scale this drawing, use figured dimensions only. All discrepancies to be clarified with project Arboriculturalist. Drawing to be read in conjunction with Arboricultural Assessment and Appendix A - Tree Schedule.

Drawing has been produced in colour and is based on digital information in .dwg format, aerial images and/or GPS location where appropriate. A monochrome copy should not be relied upon. The exact position of individual trees or species included as part of a tree group, woodland or hedgerow should be checked and verified on site prior to any decisions for foundation design, tree operations or construction activity being undertaken. Further assessment may therefore be required where deemed necessary.

Trees are living organisms that change over time, the condition of all trees illustrated herein, are to be checked by the project Arboriculturalist should works commence 12 months after the date of this survey.

SOME TREES MAY BE SUBJECT TO STATUTORY CONSTRAINTS. IT IS THEREFORE ADVISED THAT NO WORKS SHOULD BE UNDERTAKEN TO ANY TREES ILLUSTRATED HEREIN WITHOUT FIRST OBTAINING THE RELEVANT AUTHORISATION TO DO SO UNLESS AGREED AS PER THE APPROVED PLANS THROUGH PLANNING CONSENT.

This drawing is the property of FPCR Environment and Design Ltd and is issued on the condition it is not reproduced, retained or disclosed to any unauthorised person, either wholly or in part without written consent of FPCR Environment and Design Ltd. FPCR Environment and Design Ltd accept no liability for third party use.

Ordnance Survey material is used with the permission of The Controller of HMSO, Crown copyright 100018896.

25.11.2014	First Issue	TCB
A	16.02.2015	Revised Framework
B	17.08.2015	Revised Framework
rev	date	description
		by

fpcr

- environmental assessment
- landscape design
- urban design
- ecology
- architecture
- arboriculture

FPCR Environment and Design Ltd
 Lockington Hall
 Derby DE74 2RH

t: 01509 672772
 f: 01509 674565
 e: mail@fpcr.co.uk
 w: www.fpcr.co.uk

client
Hallam Land Management

project
Great Wilsey Park
Haverhill

drawing title
TREE RETENTION PLAN
FIGURE 3

scale
1:2000 @ A1

drawn
TCB

date
August 2015

drawing number
5055-A-09

rev
- B

CAD file: J:\50005055\ARB\Plans\Fig 3 Tree Retention Plan REV B.dwg

Appendix A - Tree Schedule

Measurements	Age Class	Overall Condition	Root Protection Area (RPA)
Height - estimated from ground level (m).	YNG: Young trees up to ten years of age.	G - Good: Trees with only a few minor defects and in good overall health needing little, if any attention.	<ul style="list-style-type: none"> • The RPA column gives the required area (m²). • The RPA Radius column gives the radius (m) of an equivalent circle. • The RPA is calculated using the formulae described in paragraph 4.6.1 of British Standard 5837: 2012 and is indicative of the required rooting area in order for a tree to be retained.
Stem Dia. - Diameter measured (mm) in accordance with Annex C of the BS5837.	SM: Semi-mature, trees less than 1/3 life expectancy.	F - Fair: Trees with minor, but rectifiable, defects or in the early stages of stress from which it may recover.	
Crown - crown spread estimated radially from the main stem (m).	EM: Early mature, trees 1/3 . 2/3 life expectancy.	P - Poor: Trees with major structural and/or physiological defects such that it is unlikely the tree will recover in the long term.	
Abbreviations est - Estimated stem diameter avg - Average stem diameter for multiple stems upto - Group has a maximum stem diameter of	M: Mature trees, over 2/3 life expectancy.	D - Dead: Trees no longer alive. This could also apply to trees that are dying and unlikely to recover.	
	OM: Over mature, declining or moribund trees of low vigour.		
	V: Veteran, tree possessing certain attributes relating to veteran trees.	<p>In the assessment, of the BS category, particular consideration has been given to the following</p> <ul style="list-style-type: none"> ~ The health, vigour and condition of each tree ~ The presence of any structural defects in each tree and its future life expectancy ~ The size and form of each tree and its suitability within the context of a proposed development ~ The location of each tree relative to existing site features e.g. its screening value or landscape features ~ Age class ~ Life expectancy 	

Structural Condition

The following has been considered when inspecting structural condition:

- The presence of fungal fruiting bodies around the base of the tree or on the stem, as they could possibly indicate the presence of possible internal decay.
- Soil cracks and any heaving of the soil around the base.
- Any abrupt bends in branches and limbs resulting from past pruning.
- Tight or weak Δ /qshaped forks and co-dominant stems.
- Hazard beam formations and other such biomechanical related defects (as described by Claus Mattheck, Body Language of Trees HMSO Research for Amenity Trees No. 4 1994).
- Cavities as a result of limb losses or past pruning.
- Broken branches or storm damage.
- Canker formations.
- Loose or flaking bark.
- Damage to roots.
- Basal, stem or branch / limb cavities.
- Crown die-back or abnormal foliage size and colour.
- Any changes to the timing of normal leaf flush and leaf fall patterns.

Quality Assessment of Retention Category

Category U - Trees 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.

Category A - Trees of high quality with an estimated remaining life expectancy of at least 40 years.

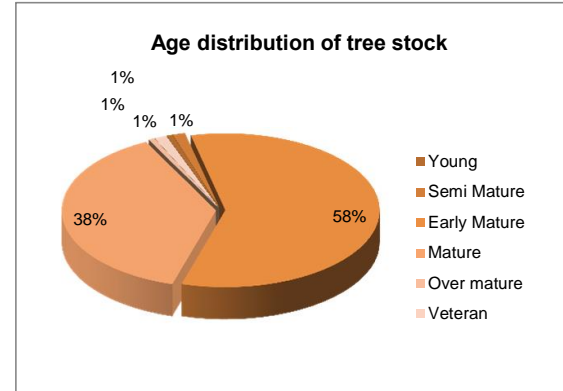
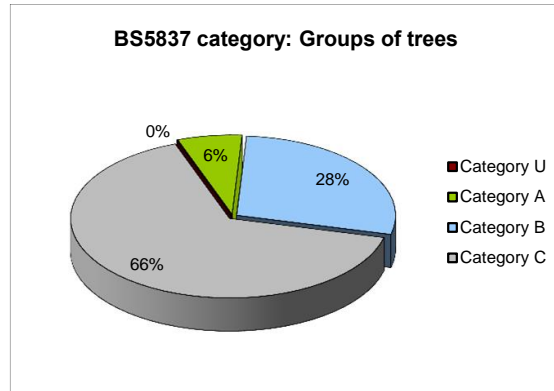
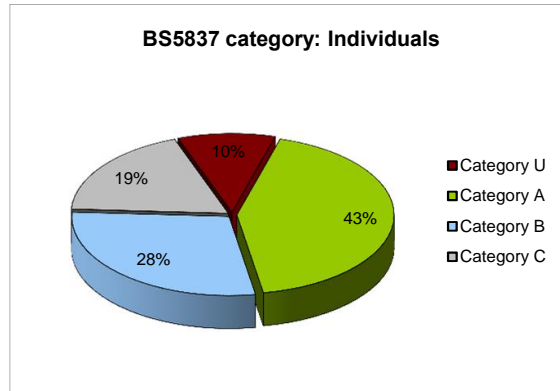
Category B - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.

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 150mm.

Sub-categories: (i) - Mainly arboricultural value
(ii) - Mainly landscape value
(iii) - Mainly cultural or conservation value

Appendix A - Summary

	Individual Trees	Totals	Tree Groups and Hedgerows	Totals
Category U	T4, T5, T7, T47, T56, T65	7		0
Category A	T8, T11, T15, T16, T17, T19, T21, VT1, T24, T25, T26, T27, T31, T32, T35, T38, T39, T42, T43, T44, T45, T46, T51, T52, T53, T59, VT2, T66, T67, T69, T70, T71	30	TG18, W3, W4, W5, W7	4
Category B	T3, T6, T9, T12, T13, T14, T22, T29, T33, T34, T36, T41, T48, T54, T55, T57, T60, T61, T62, T68	20	TG5, TG6, TG7, TG8, TG10, TG11, TG22, TG23, TG25, TG26, TG27, TG28, TG29, W1, W2, W6	17
Category C	T1, T2, T10, T18, T20, T28, T30, T37, T40, T49, T50, T58, T63	13	TG1, TG2, TG3, TG4, TG9, TG12, TG13, TG14, TG15, TG16, TG17, TG19, TG20, TG21, TG24, TG30, H1, H2, H3, H4, H5, H6, H7, H8, H9, H10, H11, H12, H13, H14, H15, H16, H17, H18, H19, H20, H21, H22, H23	40
	Total	70	Total	61



Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
INDIVIDUAL TREES										
T1	Horse Chestnut <i>Aesculus hippocastanum</i>	13	700	6	M	F	Bark wounds noted Branch socket cavities observed Branch stubs and broken branches evident Included bark unions Minor dead wood evident in the crown Multi leadered form Pruning wounds noted Typical crown form "Cameraria ohridella Horse chestnut leaf miner" present	222	8.4	C (i)
T2	Horse Chestnut <i>Aesculus hippocastanum</i>	10	7x 210	6	M	F	Bark wounds noted Branch socket cavities observed Branch stubs and broken branches evident Coppiced form with Multiple stems from base Epicormic growth evident within the crown Included bark unions Minor dead wood evident in the crown "Cameraria ohridella Horse chestnut leaf miner" present	140	6.7	C (i)
T3	Field Maple <i>Acer campestre</i>	14	9x 340	8	M	F	Branch socket cavities observed Branch stubs evident and broken branches evident Old coppiced form Dense ivy cover on main stem Dense undergrowth at the base Minor dead wood evident in the crown Situated offsite adjacent to ditch	471	12.2	B (iii)
T4	Ash <i>Fraxinus excelsior</i>	7	430	4.5	EM	P	Bark wounds noted Branch socket cavities observed with large example at 4m to the north Crossing and rubbing branches Heartwood exposed Major dead wood evident in the crown Woodpecker holes observed External decay and failed crown Inonotus hispidus, Shaggy bracket on floor	N/A	N/A	U
T5	Ash <i>Fraxinus excelsior</i>	8	est 420	4	EM	P	Bark wounds noted, Branch socket cavities observed Crossing and rubbing branches Dieback of the crown observed Heartwood exposed Major dead wood evident in the crown Woodpecker holes observed Hanging deadwood	N/A	N/A	U

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T6	Black Poplar Populus nigra	23	1290	N - 13 S - 9 E - 9 W - 9	M	F	Branch socket cavities observed Branch stubs and broken branches evident Minor and major dead wood evident in the crown Typical crown form Large lateral limb to north at 3m Multiple branch failures Situated next to ditch	707	Capped at 15m	B (i)
T7	Ash Fraxinus excelsior	12	est 700	3	EM	D	standing dead tree	N/A	N/A	U
T8	English Oak Quercus robur	13	est 620	6	M	G	Broken branches evident Epicormic growth evident within the crown Even crown form Heartwood exposed Minor dead wood evident in the crown Storm damage present	174	7.4	A (i)
T9	English Oak Quercus robur	10	est 560	5	EM	F	Broken branches evident Dieback of the crown observed Epicormic growth evident within the crown Even crown form Heartwood exposed Minor dead wood evident in the crown Storm damage present	142	6.7	B (i)
T10	English Oak Quercus robur	4	est 250	N - 4 S - 0.5 E - 2 W - 2	SM	F	Bark wounds noted Broken branches evident Dieback of the crown observed Epicormic growth evident within the crown Heartwood exposed Minor dead wood evident in the crown Storm damage present Loss of crown to south	28	3.0	C (i)
T12	English Elm Ulmus procera	9	est 400	4	EM	F	Base obscured Dense ivy cover on main stem No major defects were noted	72	4.8	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T13	English Oak Quercus robur	14	est 780	5	M	F	Base obscured Branch socket cavities observed Branch stubs evident Dense undergrowth at the base Dieback of the crown observed Minor and major dead wood evident in the crown Storm damage present Exposed position	275	9.4	B (i)
T14	English Oak Quercus robur	10	est 680	7	M	F	Base obscured Branch socket cavities observed Branch stubs evident Dense undergrowth at the base Dieback of the crown observed Minor and major dead wood evident in the crown Storm damage present Exposed position Old pollard at 2m	209	8.2	B (i)
T15	English Oak Quercus robur	16	est 1030	6	M	F	Branch stubs evident Minor and major dead wood evident in the crown No major defects were noted Woodpecker holes observed Exposed position	480	12.4	A (i)
T16	English Oak Quercus robur	14.5	950	12	M	F	Branch stubs evident Heartwood exposed Minor and major dead wood evident in the crown No major defects were noted Storm damage present Woodpecker holes observed Exposed position Column of decay to branch on west at 3m	408	11.4	A (i)
T17	English Oak Quercus robur	14.5	est 820	N - 8 S - 10 E - 8 W - 10	M	F	Base obscured Branch stubs evident Dense ivy cover on main stem Epicormic growth evident within the crown Heartwood exposed Minor and major dead wood evident in the crown No major defects were noted Storm damage present Woodpecker holes observed Exposed position	304	9.8	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T18	Sycamore Acer pseudoplatanus	9	est 250	3	EM	F	Basal suckers present Base obscured Crossing and rubbing branches Dense ivy cover on main stem Dense undergrowth at the base	28	3.0	C (i)
T19	English Oak Quercus robur	14	est 1030	8	M	F	Base obscured Branch stubs and broken branches evident Dieback of the crown observed Epicormic growth evident within the crown minor and major dead wood evident in the crown Tractor mounted flail damage evident	480	12.4	A (i)
T20	Field Maple Acer campestre	7	est 250	3	EM	F	Base obscured No major defects were noted	28	3.0	C (i)
T21	English Oak Quercus robur	19	1000	10	M	F	Branch stubs and broken branches evident Dense undergrowth at the base Epicormic growth evident within the crown Minor dead wood evident in the crown Tractor mounted flail damage evident	452	12.0	A (i)
T22	Hybrid Black Poplar Populus x canadensis	22	630	8	M	G	Minor dead wood evident in the crown No major defects were noted	180	7.6	B (i)
T23(V)	Black Poplar Populus nigra	12	est 1490	6	V	F	Basal cavity observed Broken branches evident Heartwood exposed Old phoenix form with extensive hollows and collapsed stems Fire damage present "Pholiota squarrosa Shaggy Scalycap" present RPA 15 x stem diameter	1576	22.4	A (iii)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T24	Black Poplar Populus nigra	14	est 1300	N - 10 S - 13 E - 13 W - 9	OM	F	Base obscured Broken branches evident Dense ivy cover on main stem Dense undergrowth at the base Heartwood exposed Minor dead wood evident in the crown Multi leadered form Wound to eastern side from ground level to 3m with extensive hollowing	707	Capped at 15m	A (ii)
T25	English Oak Quercus robur	20	1000	11	M	G	Branch socket cavities observed Branch stubs and broken branches evident Epicormic growth evident within the crown Light ivy cover on main stem Low crown form Minor and major dead wood evident in the crown No major defects were noted Typical crown form	452	12.0	A (i)
T26	English Oak Quercus robur	23	1110	12	M	G	Branch socket cavities observed Branch stubs and broken branches evident Epicormic growth evident within the crown Heartwood exposed Light ivy cover on main stem Low crown form Minor and major dead wood evident in the crown No major defects were noted Typical crown form Woodpecker holes observed Forms crown with T27	557	13.3	A (i)
T27	English Oak Quercus robur	19	1160	10	M	G	Branch socket cavities observed Branch stubs and broken branches evident Epicormic growth evident within the crown Heartwood exposed Light ivy cover on main stem Low crown form Minor and major dead wood evident in the crown No major defects were noted Typical crown form Woodpecker holes observed	609	13.9	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T28	English Oak Quercus robur	19	870	N - 6 S - 6 E - 8 W - 10	M	F	Branch socket cavities observed Branch stubs and broken branches evident Dense ivy cover on main stem Dieback of the crown observed Epicormic growth evident within the crown Heartwood exposed Low crown form Minor and major dead wood evident in the crown Fungal brackets to base east and west "Daedalea quercina Maze gill"	342	10.4	C (i)
T29	English Oak Quercus robur	9	760	N - 7 S - 2 E - 5 W - 7	M	F	Branch socket cavities observed Branch stubs and broken branches evident Crossing and rubbing branches Dense ivy cover on main stem Dieback of the crown observed Epicormic growth evident within the crown Heartwood exposed Low crown form Minor dead wood evident in the crown Lost top at 5m Stream under cutting base to east	261	9.1	B (i)
T30	English Oak Quercus robur	14	750	N - 4 S - 4 E - 8 W - 8	M	P	Branch stubs and broken branches evident Epicormic growth evident within the crown Heartwood exposed Low crown form Minor and major dead wood evident in the crown Loss of main leader to north at 2m Column of decay on remaining leaders	254	9.0	C (i)
T31	English Oak Quercus robur	18	820	10	M	F	Branch stubs and broken branches evident Epicormic growth evident within the crown Heartwood exposed Light ivy cover on main stem Low crown form Minor and major dead wood evident in the crown No major defects were noted Stream cutting away bank to east	304	9.8	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T32	English Oak Quercus robur	20	1250	6	M	F	Branch stubs and broken branches evident Dieback of the crown observed Epicormic growth evident within the crown Heartwood exposed Light ivy cover on main stem Low crown form Minor and major dead wood evident in the crown No major defects were noted Storm damage present Woodpecker holes observed Twin stemmed from 3m with swelling around area of lost of leader	707	15.0	A (i)
T33	Ash Fraxinus excelsior	14	est 750	8	M	F	Base obscured Branch stubs and broken branches evident Dense ivy cover on main stem Heartwood exposed Light ivy cover on main stem Low crown form Minor and major dead wood evident in the crown No major defects were noted Inonotus hispidus, Shaggy bracket on floor Twin stemmed from 2m Exposed buttress roots	254	9.0	B (i)
T34	English Oak Quercus robur	17	750	8	M	F	Branch stubs and broken branches evident Heartwood exposed Light ivy cover on main stem Minor and major dead wood evident in the crown Storm damage present	254	9.0	B (i)
T35	English Oak Quercus robur	22	1150	12	M	F	Branch socket cavities observed Branch stubs and broken branches evident Dense ivy cover on main stem Epicormic growth evident within the crown Heartwood exposed Minor and major dead wood evident in the crown Storm damage present Typical crown form	598	13.8	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T36	English Oak Quercus robur	12	700	N - 3 S - 4 E - 7 W - 7	M	F	Branch socket cavities observed Branch stubs and broken branches evident Dense ivy cover on main stem Dieback of the crown observed Epicormic growth evident within the crown Heartwood exposed Minor and major dead wood evident in the crown Storm damage present Typical crown form Twin stemmed from 3m	222	8.4	B (i)
T37	English Oak Quercus robur	16	950	6	M	F	Basal cavity observed Branch socket cavities observed Branch stubs and broken branches evident Dense ivy cover on main stem Heartwood exposed Minor and major dead wood evident in the crown Storm damage present Significant exposed heartwood to west from ground level to 4m from loss of leader Loss of structural roots to west	408	11.4	C (i)
T38	English Oak Quercus robur	20	1170	N - 10 S - 10 E - 8 W - 13	M	G	Branch socket cavities observed Branch stubs evident Low crown form Minor and major dead wood evident in the crown No major defects were noted Storm damage present Typical crown form	619	14.0	A (i)
T39	English Oak Quercus robur	25	1050	N - 8 S - 8 E - 8 W - 10	M	G	Branch socket cavities observed Branch stubs evident Light ivy cover on main stem Low crown form Minor and major dead wood evident in the crown No major defects were noted Storm damage present Typical crown form	499	12.6	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T40	English Oak Quercus robur	25	1040	N - 4 S - 8 E - 5 W - 5	M	P	Branch socket cavities observed Branch stubs evident Dieback of the crown observed Light ivy cover on main stem Low crown form Minor and major dead wood evident in the crown Storm damage present Woodpecker holes observed Large pruning wounds to the west at 6 and 10m Large failed limb from adjacent tree to west	489	12.5	C (i)
T41	English Oak Quercus robur	22	770	N - 3 S - 3 E - 5 W - 5	M	F	Branch socket cavities observed Branch stubs evident Dieback of the crown observed Light ivy cover on main stem Low crown form Minor and major dead wood evident in the crown Storm damage present Suppressed crown form Woodpecker holes observed Loss of leader at 10m	268	9.2	B (i)
T42	English Oak Quercus robur	25	1370	N - 10 S - 5 E - 10 W - 14	M	F	Branch socket cavities observed Branch stubs evident Dieback of the crown observed Lateral lever arm observed Light ivy cover on main stem Low crown form Minor and major dead wood evident in the crown Storm damage present Suppressed crown form Woodpecker holes observed Two lateral limbs to west	707	Capped at 15m	A (i)
T43	English Oak Quercus robur	18	930	8	M	F	Branch socket cavities observed Branch stubs evident Dense ivy cover on main stem Lateral lever arm observed Low crown form Minor and major dead wood evident in the crown Storm damage present Suppressed crown form Woodpecker holes observed Loss of limb at 10m to west	391	11.2	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T44	English Oak Quercus robur	22	1100	N - 8 S - 8 E - 5 W - 10	M	F	Branch socket cavities observed Branch stubs evident Epicormic growth evident within the crown Minor and major dead wood evident in the crown Storm damage present	547	13.2	A (i)
T45	English Oak Quercus robur	22	1000	8	M	F	Branch stubs evident Epicormic growth evident within the crown Minor and major dead wood evident in the crown Storm damage present Twin stemmed at 5m	452	12.0	A (i)
T46	English Oak Quercus robur	22	890	6	M	F	Branch socket cavities observed Branch stubs evident Epicormic growth evident within the crown Minor and major dead wood evident in the crown Storm damage present	358	10.7	A (i)
T47	Field Maple Acer campestre	12	770	N - 6 S - 6 E - 2 W - 6	M	P	Branch socket cavities observed Branch stubs and broken branches evident Epicormic growth evident within the crown Limited future potential Minor and major dead wood evident in the crown Overhead cables Pruning wounds noted Storm damage present Significant damage due to utilities	N/A	N/A	U
T48	English Oak Quercus robur	20	est 950	8	M	F	Branch socket cavities observed Branch stubs and broken branches evident Dieback of the crown observed Epicormic growth evident within the crown Minor and major dead wood evident in the crown Pruning wounds noted Storm damage present	408	11.4	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T49	Crack Willow <i>Salix fragilis</i>	15	est 1330	N - 6 S - 5 E - 8 W - 2	M	F	Broken branches evident Crossing and rubbing branches Dense undergrowth at the base Included bark unions Light ivy cover on main stem Low crown form Minor dead wood evident in the crown Multi leadered form Major failed limb to east Hanging dead wood	707	Capped at 15m	C (i)
T50	Ash <i>Fraxinus excelsior</i>	11	est 330 170 210	7	EM	F	Branch stubs and broken branches evident Coppiced form with Multiple stems from base Crossing and rubbing branches Low crown form Minor dead wood evident in the crown <i>Pseudomonas syringae fraxini</i> Bacterial Ash Canker present	82	5.1	C (i)
T51	English Oak <i>Quercus robur</i>	21	est 1100	11	M	F	Branch stubs and broken branches evident Dense ivy cover on main stem Minor dead wood evident in the crown Multi leadered form No major defects were noted Typical crown form	547	13.2	A (i)
T52	English Oak <i>Quercus robur</i>	22	780	8	M	F	Branch socket cavities observed Branch stubs and broken branches evident Epicormic growth evident within the crown Minor and major dead wood evident in the crown Storm damage present Twin stemmed from base Woodpecker holes observed Twin leaders at 8m	275	9.4	A (i)
T53	English Oak <i>Quercus robur</i>	23	1340	11	M	F	Branch socket cavities observed Branch stubs and broken branches evident Prolific epicormic growth evident within the crown Minor and major dead wood evident in the crown Storm damage present Woodpecker holes observed Loss of leader at 2m to the west	707	Capped at 15m	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T54	English Oak Quercus robur	12	830	N - 5 S - 4 E - 6 W - 3	M	F	Branch socket cavities observed Branch stubs and broken branches evident Prolific epicormic growth evident within the crown Minor and major dead wood evident in the crown Storm damage present Suppressed crown form Woodpecker holes observed	312	10.0	B (i)
T55	English Oak Quercus robur	18	930	6	M	F	Branch socket cavities observed Branch stubs and broken branches evident Epicormic growth evident within the crown Minor and major dead wood evident in the crown Storm damage present Woodpecker holes observed Loss of leader at 3m with exposed heartwood	391	11.2	B (i)
T56	Ash Fraxinus excelsior	12	est 700	5	M	P	Dense ivy cover on main stem Dense undergrowth at the base Dieback of the crown observed Limited future potential Minor and major dead wood evident in the crown Specimen in extensive decline	N/A	N/A	U
T57	English Oak Quercus robur	12	est 590	8	EM	F	Dieback of the crown observed Minor dead wood evident in the crown	157	7.1	B (i)
T58	Goat Willow Salix caprea	7	est 6x 150	4	EM	F	Crossing and rubbing branches Multi stemmed from base Tractor mounted flail damage evident	61	4.4	C (i)
T59	English Oak Quercus robur	14	est 760	8	EM	F	Minor and major dead wood evident in the crown Pruning wounds noted Tractor mounted flail damage evident	261	9.1	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T60	Ash <i>Fraxinus excelsior</i>	11	est 400	5	EM	F	Bark wounds noted Minor dead wood evident in the crown No major defects were noted Tractor mounted flail damage evident	72	4.8	B (i)
T61	Ash <i>Fraxinus excelsior</i>	15	est 630	7	M	F	Bark wounds noted Branch socket cavities observed Branch stubs and broken branches evident Minor and major dead wood evident in the crown Tractor mounted flail damage evident Open wound at 8m Pseudomonas syringae fraxini Bacterial Ash Canker present	180	7.6	B (i)
T62	English Oak <i>Quercus robur</i>	15	750	N - 8 S - 6 E - 6 W - 6	M	F	Bark wounds noted Branch socket cavities observed Branch stubs and broken branches evident Minor and major dead wood evident in the crown No major defects were noted Tractor mounted flail damage evident	254	9.0	B (i)
T63	Hawthorn <i>Crataegus monogyna</i>	6	est 250	2	EM	F	Bark wounds noted Minor dead wood evident in the crown No major defects were noted Tractor mounted flail damage evident	28	3.0	C (i)
T64	English Oak <i>Quercus robur</i>	6	est 1280	N - 1 S - 5 E - 1 W - 1	V	P	Basal cavity observed Delaminating bark on main stem Prolific epicormic growth evident within the crown Heartwood exposed Limited future potential Minor dead wood evident in the crown Specimen in extensive decline Vandalism present and fire damaged Extensive internal hollowing Supported by fallen timber RPA 15 x stem diameter	N/A	N/A	U

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T65	English Oak Quercus robur	12	est 800	6	M	D	Standing dead tree	N/A	N/A	U
T66	English Oak Quercus robur	19	est 780	9	M	F	Branch socket cavities observed Branch stubs and broken branches evident Dense ivy cover on main stem Minor and major dead wood evident in the crown Typical crown form	275	9.4	A (i)
T67	English Oak Quercus robur	16	est 790	9	M	F	Branch socket cavities observed Branch stubs and broken branches evident Dense ivy cover on main stem Epicormic growth evident within the crown Minor and Major dead wood evident in the crown Typical crown form	282	9.5	A (i)
T68	English Oak Quercus robur	19	est 1260	10	M	F	Branch socket cavities observed Branch stubs and broken branches evident Dense ivy cover on main stem Epicormic growth evident within the crown Heartwood exposed Minor and major dead wood evident in the crown Pruning wounds noted Typical crown form Woodpecker holes observed Fire damage to west with hollowing to base	707	Capped at 15m	B (i)
T69	English Oak Quercus robur	20	1430	10	M	F	Branch socket cavities observed Branch stubs and broken branches evident Dense ivy cover on main stem Epicormic growth evident within the crown Heartwood exposed Minor and major dead wood evident in the crown Pruning wounds noted Typical crown form Woodpecker holes observed Lost lateral at 2m to south	707	Capped at 15m	A (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T70	English Oak Quercus robur	20	830	N - 11 S - 4 E - 5 W - 5	M	F	Branch socket cavities observed Branch stubs and broken branches evident Dense ivy cover on main stem Epicormic growth evident within the crown Heartwood exposed Minor and major dead wood evident in the crown Pruning wounds noted Typical crown form Woodpecker holes observed Loss of limb to east at 10m Large limbs removed	312	10.0	A (i)
T71	English Oak Quercus robur	23	1540	12	M	F	Branch socket cavities observed Branch stubs and broken branches evident Dense ivy cover on main stem Epicormic growth evident within the crown Heartwood exposed Minor and major dead wood evident in the crown Pruning wounds noted Storm damage present Typical crown form Woodpecker holes observed Large limbs removed Open form Wooden debris within crown	707	Capped at 15m	A (i)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
GROUPS OF TREES										
TG1	Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre Goat Willow Salix caprea Hawthorn Crataegus monogyna Goat Willow Salix caprea	8	upto 200	2.5	SM,M	F	Branch stubs and broken branches evident Crossing and rubbing branches Dense ivy cover on main stems and dense undergrowth Low interlocking crowns Sporadic self-seeded group of trees	18	2.4	C (ii)
TG2	Hawthorn Crataegus monogyna English Elm Ulmus procera	10	upto 180	2.5	SM,EM	F	Branch stubs and broken branches evident Crossing and rubbing branches Dead elms noted Dense ivy cover on main stems and Dense undergrowth Low interlocking crowns Sporadic self-seeded group of trees Mostly Elm	15	2.2	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
TG3	Austrian Pine Pinus nigra ssp. Nigra Scots Pine Pinus sylvestris Ash Fraxinus excelsior Blackthorn Prunus spinosa Common Lime Tilia x europaea English Oak Quercus robur Field Maple Acer campestre Goat Willow Salix caprea Hawthorn Crataegus monogyna Horse Chestnut Aesculus hippocastanum Wild Cherry Prunus avium Alder Alnus glutinosa Goat Willow Salix caprea Hazel Corylus avellana Hornbeam Carpinus betulus	4	upto 80	1	Yng,SM	F	Multi stemmed from base No major defects were noted Single stem forms New buffer planting as conservation area "Hymenoscyphus fraxinus Chalara Ash dieback" present	3	1.0	C (ii)
TG4	Blackthorn Prunus spinosa English Oak Quercus robur Hawthorn Crataegus monogyna	10	upto 190	2.5	SM,M	P,F	Bark wounds noted Branch stubs and broken branches evident Crossing and rubbing branches Low crown forms Minor dead wood evident in the crowns Vandalism in centre Lack of understory	16	2.3	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
TG5	Austrian Pine Pinus nigra ssp. Nigra Scots Pine Pinus sylvestris Ash Fraxinus excelsior English Oak Quercus robur Field Maple Acer campestre Goat Willow Salix caprea Hawthorn Crataegus monogyna Silver Birch Betula pendula Wild Cherry Prunus avium Alder Alnus glutinosa Apple Malus domestica Goat Willow Salix caprea Holly Ilex aquifolium Hornbeam Carpinus betulus Sweet Chestnut Castanea sativa Dogwood Cornus sanguinea	7	upto 150	4	Yng,SM	G	No major defects were noted Multii and single stem forms Well established buffer planting as conservation area "Hymenoscyphus fraxinus Chalara Ash dieback" present	10	1.8	B (ii)
TG6	Blackthorn Prunus spinosa Hawthorn Crataegus monogyna Hybrid Black Poplar Populus x canadensis Norway Maple Acer platanoides English Elm Ulmus procera Dogwood Cornus sanguinea Raywood Ash Fraxinus angustifolia	12	upto 200	3	SM,EM	F	Outgrown boundary group with maintained front and New hedge	18	2.4	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
TG7	Hybrid Black Poplar Populus x canadensis	19	upto 470	5	EM	F	Branch stubs and broken branches evident Dieback of the crown observed Minor and major dead wood evident in the crown Multi leadered forms Overhead cables Pruning wounds noted Tractor mounted flail damage evident Avenue of trees either side of track	100	5.6	B (ii)
TG8	Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Norway Maple Acer platanoides Wild Cherry Prunus avium English Elm Ulmus procera Dogwood Cornus sanguinea Raywood Ash Fraxinus angustifolia	12	upto 250	5	SM,EM	F	Outgrown boundary group with maintained front and New hedge	28	3.0	B (ii)
TG9	Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Norway Maple Acer platanoides Wild Cherry Prunus avium English Elm Ulmus procera Dogwood Cornus sanguinea Raywood Ash Fraxinus angustifolia	8	upto 120	2	SM,EM	F	Branch stubs and broken branches evident Crossing and rubbing branches Dense ivy cover on main stems and dense undergrowth Tractor mounted flail damage evident Outgrown boundary group with maintained front and New hedge	7	1.4	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
TG10	Leyland Cypress Cupressocyparis leylandii Yew Taxus baccata Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre Goat Willow Salix caprea Hawthorn Crataegus monogyna Goat Willow Salix caprea Hazel Corylus avellana Hornbeam Carpinus betulus Dogwood Cornus sanguinea	12	upto 440	5	EM,M	F	Branch stubs and broken branches evident Crossing and rubbing branches Dense ivy cover on main stems and dense undergrowth Low crown forms Minor dead wood evident in the crowns Tractor mounted flail damage evident	88	5.3	B (ii)
TG11	Blackthorn Prunus spinosa Crack Willow Salix fragilis Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Alder Alnus glutinosa English Elm Ulmus procera Dogwood Cornus sanguinea	14	upto 680	5	EM,M	F,G	Bark wounds noted Branch socket cavities observed Branch stubs and broken branches evident Crossing and rubbing branches Dead elms noted Dense undergrowth at the base Minor dead wood evident in the crown Tractor mounted flail damage evident Tree group adjacent to watercourse	209	8.2	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
TG12	Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre Sycamore Acer pseudoplatanus	13	upto 200 200 200 200	5	SM,EM	F	Branch stubs and broken branches evident Coppiced forms with multiple stems Crossing and rubbing branches Dense ivy cover on main stems Minor dead wood evident in the crowns Overhead cables Tractor mounted flail damage evident "Rhytisma acerinum" Tar spot of sycamore" present	72	4.8	C (ii)
TG13	Blackthorn Prunus spinosa Common Lime Tilia x europaea Sycamore Acer pseudoplatanus English Elm Ulmus procera	8	est 200	2	SM,EM	P,F	Branch stubs and broken branches evident Crossing and rubbing branches Dead elms noted Dense ivy cover on main stems with dense undergrowth Overhead cables Tractor mounted flail damage evident Un-maintained hedgerow	18	2.4	C (ii)
TG14	Leyland Cypress Cupressocyparis leylandii	12	200 200 200 200 200	2.5	EM	F	Crossing and rubbing branches Interlocking crowns Low crown forms Situated offsite	90	5.4	C (ii)
TG15	Leyland Cypress Cupressocyparis leylandii Plum Prunus domestica Laurel Prunus laurocerasus	5	est 120	3	EM	F	Outgrown boundary hedgerow	7	1.4	C (ii)
TG16	Scots Pine Pinus sylvestris Ash Fraxinus excelsior Field Maple Acer campestre English Elm Ulmus procera	7	upto 200	4	EM	F	Crossing and rubbing branches Dense ivy cover on main stems and dense undergrowth Tractor mounted flail damage evident	18	2.4	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
TG17	Blackthorn Prunus spinosa English Elm Ulmus procera	7	upto 150	2	EM	F	Crossing and rubbing branches Dead elms noted Dense ivy cover on main stems and dense undergrowth Tractor mounted flail damage evident	10	1.8	C (ii)
TG18	English Oak Quercus robur Crab Apple Malus sylvestris	14	upto 820	7	EM,M	F,G	Branch stubs and broken branches evident Dense ivy cover on main stems and dense undergrowth Interlocking crowns Minor and major dead wood evident in the crown Typical crown form Collective crown form	304	9.8	A (i)
TG19	Blackthorn Prunus spinosa Field Maple Acer campestre English Elm Ulmus procera	8	upto 120	2	SM,EM	F	Crossing and rubbing branches Dense undergrowth at the base Interlocking crowns Tractor mounted flail damage evident	7	1.4	C (ii)
TG20	Blackthorn Prunus spinosa English Oak Quercus robur Field Maple Acer campestre English Elm Ulmus procera	8	upto 150	2	SM,EM	F	Crossing and rubbing branches Dense undergrowth at the base Interlocking crowns Tractor mounted flail damage evident Outgrown hedgerow	10	1.8	C (ii)
TG21	Blackthorn Prunus spinosa Elder Sambucus nigra Hawthorn Crataegus monogyna English Elm Ulmus procera	8	upto 180	3	EM	F	Crossing and rubbing branches Dense ivy cover on main stems with dense undergrowth Low interlocking crowns Un-maintained hedgerow	15	2.2	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
TG22	Common Lime Tilia x europaea	8	upto 630	3	EM	F	Basal suckers present Branch socket cavities observed Branch stubs and broken branches evident Crossing and rubbing branches Crowns had been pollarded Epicormic growth evident within the crown Minor dead wood evident in the crown Pruning wounds noted 5 in group	180	7.6	B (i)
TG23	English Oak Quercus robur	12	upto 720	7	EM	F	Bark wounds noted Branch socket cavities observed Branch stubs and broken branches evident Crossing and rubbing branches Dense ivy cover on main stems Epicormic growth evident within the crowns Minor dead wood evident in the crowns Overhead cables, Pruning wounds noted Tractor mounted flail damage evident 3 in group	235	8.6	B (i)
TG24	Ash Fraxinus excelsior Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna	8	upto 300	4	EM	F	Branch stubs and broken branches evident Crossing and rubbing branches Dense undergrowth at the base Interlocking crowns Minor dead wood evident in the crowns Understory group	41	3.6	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
TG25	Common Larch Larix decidua Yew Taxus baccata Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Goat Willow Salix caprea Horse Chestnut Aesculus hippocastanum Silver Birch Betula pendula English Elm Ulmus procera Goat Willow Salix caprea Hazel Corylus avellana Lombardy Poplar Populus nigra 'Italica Dogwood Cornus sanguinea	20	upto 350	4	EM,M	G	Branch stubs and broken branches evident Crossing and rubbing branches Dead elms noted Dense ivy cover on main stems and dense undergrowth Dieback of the crowns observed Etiolated forms Low interlocking crowns Minor and major dead wood evident in the crown Suppressed crown forms Boundary group	55	4.2	B (ii)
TG26	Ash Fraxinus excelsior English Oak Quercus robur Goat Willow Salix caprea Horse Chestnut Aesculus hippocastanum Silver Birch Betula pendula Goat Willow Salix caprea Hornbeam Carpinus betulus	15	upto 550	5	EM,M	G	Crossing and rubbing branches Dieback of the crowns observed Etiolated forms Included bark unions Low interlocking crowns Minor dead wood evident in the crowns Situated offsite Suppressed crown forms Boundary group 5 m off-site " <i>Cameraria ohridella</i> Horse chestnut leaf miner" present	137	6.6	B (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
TG27	Ash Fraxinus excelsior Common Lime Tilia x europaea English Oak Quercus robur Field Maple Acer campestre Horse Chestnut Aesculus hippocastanum Wild Cherry Prunus avium White Poplar Populus alba	9	upto 500	6	EM	G	Crossing and rubbing branches Dieback of the crowns observed Included bark unions Low interlocking crowns Minor dead wood evident in the crowns Situated offsite Boundary group situated within school " <i>Cameraria ohridella</i> Horse chestnut leaf miner" present	113	6.0	B (ii)
TG28	Blackthorn Prunus spinosa Field Maple Acer campestre Horse Chestnut Aesculus hippocastanum	15	upto 750	7	EM,M	G	Bark wounds noted Branch stubs and broken branches evident Crossing and rubbing branches Included bark unions Low interlocking crowns Minor and major dead wood evident in the crowns Understorey group with large horse chestnuts vandalism present " <i>Cameraria ohridella</i> Horse chestnut leaf miner"	254	9.0	B (ii)
TG29	English Elm Ulmus procera Raywood Ash Fraxinus angustifolia	11	upto 300	5	EM	G	Bark wounds noted Crossing and rubbing branches Low crown forms Minor dead wood evident in the crowns Situated offsite Roadside tree group with smaller newly planted trees	41	3.6	B (ii)
TG30	Apple Malus domestica Blackthorn Prunus spinosa Ash Fraxinus excelsior Hawthorn Crataegus monogyna	8	upto 200	4	EM	F	Crossing and rubbing branches Low crown forms Out grown boundary group	18	2.4	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
HEDGEROWS										
H1	Elder Sambucus nigra Goat Willow Salix caprea Hawthorn Crataegus monogyna English Elm Ulmus procera Goat Willow Salix caprea	3	est 6x 60	1	M	F	Branch stubs and broken branches evident Crossing and rubbing branches Dead elms noted Dense ivy cover on main stems with dense undergrowth Gaps present in hedgerow Maintained hedgerow Overhead cables	10	1.8	C (ii)
H2	Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Dogwood Cornus sanguinea	2	est 6x 60	1	M	F	Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)
H3	English Elm Ulmus procera	1	est 6x 60	1	M	F	Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)
H4	English Elm Ulmus procera Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Dogwood Cornus sanguinea	1.5	est 6x 60	1	M	F	Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H5	English Elm Ulmus procera Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Dogwood Cornus sanguinea	1.5	est 6x 60	1	M	F	Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)
H6	English Oak Quercus robur Field Maple Acer campestre Hawthorn Crataegus monogyna English Elm Ulmus procera	1.5	est 6x 60	0.5	Yng	F	Maintained hedgerow Tractor mounted flail damage evident Newly planted	10	1.8	C (ii)
H7	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hazel Corylus avellana Dogwood Cornus sanguinea	1.5	est 6x 60	1	EM	F	Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)
H8	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hazel Corylus avellana Dogwood Cornus sanguinea	1.5	est 6x 60	1	EM	F	Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H9	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hazel Corylus avellana Dogwood Cornus sanguinea	1.5	est 6x 60	1	EM	F	Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)
H10	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Crab Apple Malus sylvestris Hazel Corylus avellana Dogwood Cornus sanguinea	1.5	est 170	1	EM	F	Maintained hedgerow Tractor mounted flail damage evident Standard trees in hedge	13	2.0	C (ii)
H11	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hazel Corylus avellana Dogwood Cornus sanguinea	1.5	est 6x 60	1	EM	F	Maintained hedgerow Tractor mounted flail damage evident Patchy in places	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H12	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hazel Corylus avellana Dogwood Cornus sanguinea	1.5	est 170	1	EM	F	Maintained hedgerow Tractor mounted flail damage evident Patchy in places	13	2.0	C (ii)
H13	Blackthorn Prunus spinosa Elder Sambucus nigra Field Maple Acer campestre Hazel Corylus avellana Dogwood Cornus sanguinea	1.5	est 6x 60	1	EM	F	Maintained hedgerow Tractor mounted flail damage evident Patchy in places	10	1.8	C (ii)
H14	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hazel Corylus avellana Dogwood Cornus sanguinea	2	est 6x 60	1	EM	F	Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H15	Ash Fraxinus excelsior Blackthorn Prunus spinosa Elder Sambucus nigra English Oak Quercus robur Field Maple Acer campestre Hazel Corylus avellana Dogwood Cornus sanguinea	2	est 6x 60	1	EM	F	Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)
H16	Ash Fraxinus excelsior Elder Sambucus nigra Hawthorn Crataegus monogyna English Elm Ulmus procera	1	est 6x 60	1	EM	F	Gaps present in hedgerow Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)
H17	Ash Fraxinus excelsior Elder Sambucus nigra Hawthorn Crataegus monogyna English Elm Ulmus procera Dogwood Cornus sanguinea	1	est 6x 60	1	SM	F	Gaps present in hedgerow Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)

Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H18	Ash Fraxinus excelsior Elder Sambucus nigra Hawthorn Crataegus monogyna English Elm Ulmus procera Dogwood Cornus sanguinea	1	est 6x 60	1	EM	F	Gaps present in hedgerow Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)
H19	Hawthorn Crataegus monogyna Field Maple Acer campestre	1	est 6x 60	1	EM	F	Gaps present in hedgerow Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)
H20	Ash Fraxinus excelsior Field Maple Acer campestre Hawthorn Crataegus monogyna Hazel Corylus avellana Dogwood Cornus sanguinea	2.5	est 6x 40	1	Yng,SM	F	Gaps present in hedgerow Maintained hedgerow Newly planted Guards still attached Standard trees within hedgerow	4	1.2	C (ii)
H21	Blackthorn Prunus spinosa Dogwood Cornus sanguinea	3	est 6x 60	1.5	EM	F	Gaps present in hedgerow Un-maintained hedgerow	10	1.8	C (ii)

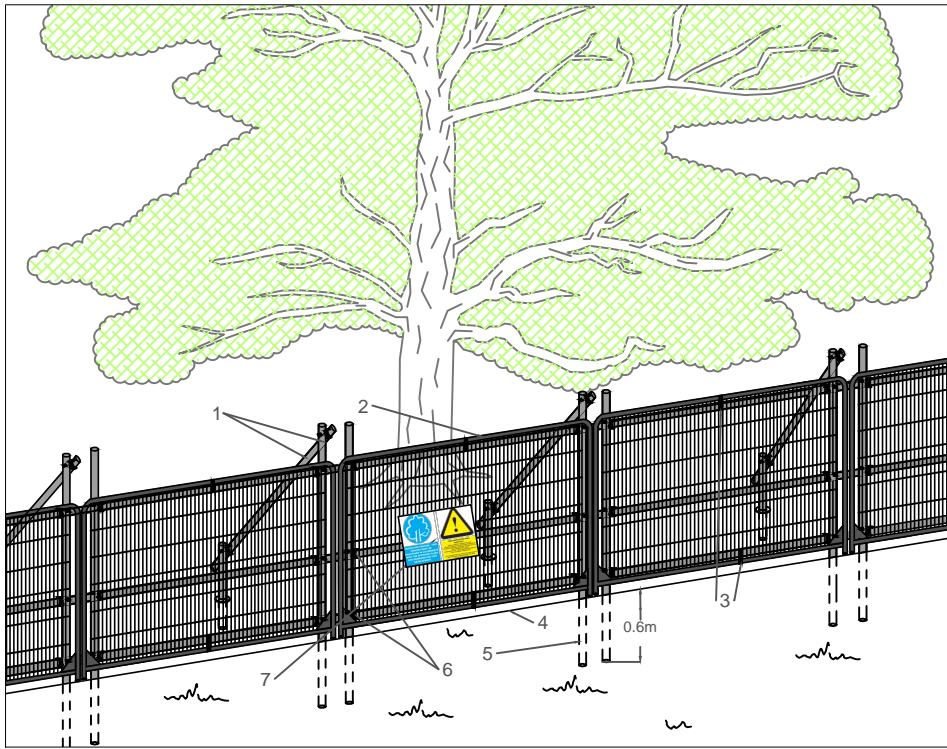
Hedge No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
H22	Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Dogwood Cornus sanguinea	1.5	est 6x 60	1	EM	F	Gaps present in hedgerow Maintained hedgerow	10	1.8	C (ii)
H23	Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna English Elm Ulmus procera Dogwood Cornus sanguinea	2.5	est 6x 60	1	EM	F	Gaps present in hedgerow Un-maintained hedgerow	10	1.8	C (ii)
H24	English Elm Ulmus procera Blackthorn Prunus spinosa Field Maple Acer campestre Hawthorn Crataegus monogyna Dogwood Cornus sanguinea	1.5	est 6x 60	1	EM	F	Gaps present in hedgerow Maintained hedgerow Tractor mounted flail damage evident	10	1.8	C (ii)

Wood No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
WOODLANDS										
W1	Austrian Pine Pinus nigra ssp. Nigra Scots Pine Pinus sylvestris Beech Fagus sylvatica Blackthorn Prunus spinosa Common Lime Tilia x europaea English Oak Quercus robur Field Maple Acer campestre Norway Maple Acer platanoides Sycamore Acer pseudoplatanus Wych Elm Ulmus glabra English Elm Ulmus procera Dogwood Cornus sanguinea	14	upto 440	6	EM,M	G	Branch stubs and broken branches evident Crossing and rubbing branches Dead elms noted Dense ivy cover on main stems with dense undergrowth Etiolated forms Low interlocking crowns Minor dead wood evident in the crowns Overhead cables Typical woodland form Linear rows of conifers internal with broad leaf on edge Limited understorey	88	5.3	B (ii)
W2	Yew Taxus baccata Ash Fraxinus excelsior Hawthorn Crataegus monogyna Hybrid Black Poplar Populus x canadensis English Elm Ulmus procera	14	upto 710	8	EM,M	G	Branch stubs and broken branches evident Crossing and rubbing branches Dead elms noted Dense ivy cover on main stems with dense undergrowth Etiolated forms Low interlocking crowns Minor and major dead wood evident in the crowns Pruning wounds noted Situated offsite Typical woodland forms Two poplar to 23m in height and 11m spread	228	8.5	B (ii)

Wood No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
W3	Austrian Pine Pinus nigra ssp. Nigra Scots Pine Pinus sylvestris Ash Fraxinus excelsior Blackthorn Prunus spinosa English Oak Quercus robur Hawthorn Crataegus monogyna English Elm Ulmus procera Dogwood Cornus sanguinea	14	upto 700	7	EM,M	G	Branch stubs and broken branches evident Crossing and rubbing branches Dead elms noted Dense ivy cover on main stems with dense undergrowth Etiolated forms Low interlocking crowns Minor and major dead wood evident in the crowns Typical woodland form Woodpecker holes observed	222	8.4	A (ii)
W4	Austrian Pine Pinus nigra ssp. Nigra Scots Pine Pinus sylvestris Elder Sambucus nigra Sycamore Acer pseudoplatanus English Elm Ulmus procera Dogwood Cornus sanguinea	14	upto 460	7	EM,M	G	Branch stubs and broken branches evident Crossing and rubbing branches Dead elms noted Dense ivy cover on main stems with dense undergrowth Etiolated forms Low interlocking crowns minor and major dead wood evident in the crowns Typical woodland forms Woodpecker holes observed	96	5.5	B (ii)

Wood No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
W5	Austrian Pine Pinus nigra ssp. Nigra Common Larch Larix decidua Grand Fir Abies grandis Norway Spruce Picea abies Scots Pine Pinus sylvestris Beech Fagus sylvatica Elder Sambucus nigra Sycamore Acer pseudoplatanus English Elm Ulmus procera Hazel Corylus avellana Holly Ilex aquifolium Hornbeam Carpinus betulus	25	upto 1480	12	EM,M	G	Branch stubs and broken branches evident Crossing and rubbing branches Dense ivy cover on main stems with dense undergrowth Dieback of the crown observed Etiolated forms Low interlocking crowns Minor and major dead wood evident in the crowns Storm damage present Typical woodlans forms Woodpecker holes observed Large oaks on woodland edge Fungi present	707	Capped at 15m	A (i), A(ii), A(iii)
W6	Ash Fraxinus excelsior Blackthorn Prunus spinosa Field Maple Acer campestre Goat Willow Salix caprea English Elm Ulmus procera Goat Willow Salix caprea Hazel Corylus avellana Dogwood Cornus sanguinea	23	upto 650	6	EM,M	G	Branch stubs and broken branches evident Crossing and rubbing branches Dead elms noted Dense ivy cover on main stems with dense undergrowth Dieback of the crowns observed Etiolated forms Low interlocking crowns Minor and major dead wood evident in the crowns Storm damage present Typical woodland forms Woodpecker holes observed	191	7.8	B (ii)

Wood No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
W7	Austrian Pine Pinus nigra ssp. Nigra Common Larch Larix decidua Grand Fir Abies grandis Norway Spruce Picea abies Scots Pine Pinus sylvestris Beech Fagus sylvatica Elder Sambucus nigra Sycamore Acer pseudoplatanus English Elm Ulmus procera Hazel Corylus avellana Holly Ilex aquifolium Hornbeam Carpinus betulus	22	upto 700	6	EM,M	G	Branch stubs and broken branches evident Crossing and rubbing branches Dense ivy cover on main stems with dense undergrowth Dieback of the crown observed Etiolated forms Low interlocking crowns Minor and major dead wood evident in the crowns Storm damage present Typical woodlans forms Woodpecker holes observed	222	8.4	A (ii)



Standard specification for protective barrier

1. Standard scaffold poles
2. Heavy gauge 2m tall galvanized tube and welded mesh infill panels
3. Panels secured to scaffold frame with wire ties
4. Ground level
5. Uprights driven into the ground until secure (min depth of 0.6m)
6. Standard scaffold clamps
7. Construction Exclusion Zone signs



Above ground stabilising systems

1. Stabiliser strut with base plate secured with ground pins
2. Feet blocks secured with ground pins
3. Construction Exclusion Zone signs

Protective Fencing to be positioned to the specified dimensions in accordance with Figure 3 Tree Retention Plan

NOTES

This drawing is the property of FPCR Environment and Design Ltd and is issued on the condition it is not reproduced, retained or disclosed to any unauthorised person, either wholly or in part with written consent of FPCR Environment and Design Ltd.



masterplanning ■
 environmental assessment ■
 landscape design ■
 urban design ■ FPCR Environment and Design Ltd
 ecology ■ Lockington Hall
 architecture ■ Lockington
 arboriculture ■ Derby DE74 2RH

t: 01509 672772
 f: 01509 674565
 e: mail@fpcr.co.uk
 w: www.fpcr.co.uk

drawing title

APPENDIX B PROTECTIVE FENCING SPECIFICATIONS