



Tree Position Showing Crown Extents and BS5837 Category A

Tree Position Showing Crown Extents and BS5837 Category B

Tree Position Showing Crown Extents and BS5837 Category C

Tree Position Showing Crown Extents and BS5837 Category U

Root Protection Area - to remain free from disturbance

Group of Trees

Hedgerow

Veteran Tree Buffer Zone

1/G1 Tree/Group

A1/B1/C1/U BS5837 Retention Category

Tree and Root Protection Area within Adjacent Property (position and size possibly estimated)

Position of Tree within Adjacent Property

Average Crown Spread within Site

Root Protection Area

N1 ID of Tree Located within Adjacent Property

APPENDIX 3

Drawing Title: Tree Constraints Plan

Project: Normanton Larches, Worktop

Drawing Number: ARB/CP/3322/TCP

Date: February 2024

Scale: 1:2000 @ A0

Tree Survey Data

No.	Species	Age	DBH	Stems	Height	Crown Spread				CH	EstD	General Observations	EstCont	BS Cat	Recommendation
						N	S	E	W						
1	Hawthorn	M	15	1	2.8	2	1	2	1	0.5	N	Minor basal decay.	40+	C1	No work required
2	Birch spp	EM	38	1	12	3	5	5	2	1	N	Minor deadwood.	40+	B1	No work required
3	Rowan	SM	14	1	5.5	2	3	3	3	0.5	N	Codominant stems at base.	40+	C1	No work required
4	Sweet Chestnut	M	90	1	18	9	8	9	8	3.5	N	Branch failure stubs. Moderate deadwood.	40+	A1	No work required
5	Sweet Chestnut	M	87	1	18	7	9	9	8	3.5	N	Branch failure stubs. Moderate deadwood.	40+	A1	No work required
6	Horse Chestnut	M	78	1	16	8	8	7	8	3.5	N	Branch failure stubs. Moderate deadwood.	40+	A1	No work required
7	Horse Chestnut	M	54	1	15	6	7	3	7	0.5	N	Stem leaning 10 degrees. Branch failure stubs. Moderate deadwood.	40+	A2	No work required
8	Sweet Chestnut	M	110	1	19	8	10	9	9	3.5	N	Branch failure stubs. Moderate deadwood.	40+	A1	No work required
9	Oak spp	Y	29	1	8	6	5	4	4	0.5	N	Good health, reasonable form.	40+	B1	No work required
10	Oak spp	Y	19	1	7.5	3	2	2	2	0.5	N	Good health, reasonable form.	40+	B1	No work required
11	Oak spp	SM	47	1	14	6	9	8	7	0.5	N	Stem leaning 25 degrees. Branch failure stubs. Minor deadwood. Position of tree(s) not located on topo - position estimated.	40+	B1	No work required

No.	Species	Age	DBH	Stems	Height	Crown Spread				CH	EstD	General Observations	EstCont	BS Cat	Recommendation
						N	S	E	W						
12	Oak spp	SM	61	5+	18	6	10	9	7	0.5	N	Multi-stemmed. Branch failure stubs. Minor deadwood. Position of tree(s) not located on topo - position estimated.	40+	B1	No work required
13	Sweet Chestnut	EM	47	1	18	6	7	7	7	0.5	N	Branch failure stubs. Minor deadwood. Position of tree(s) not located on topo - position estimated.	40+	B1	No work required
14	Oak spp	SM	21	5+	5.5	2	5	5	2	1	N	Slightly suppressed form. Branch failure stubs. Minor deadwood. Position of tree(s) not located on topo - position estimated.	40+	B2	No work required
15	Sycamore	SM	41	2-5	16	1	6	5	5	1.5	N	Codominant stems at base. Codominant canopy. Position of tree(s) not located on topo - position estimated.	40+	B2	No work required
16	Sycamore	SM	49	2-5	14	4	6	6	5	1.5	N	Multi-stemmed. Codominant canopy. Position of tree(s) not located on topo - position estimated.	40+	B2	No work required
17	Sweet Chestnut	M	72	1	15	8	6	7	8	0.5	N	Branch failure stubs. Minor deadwood. Position of tree(s) not located on topo - position estimated.	40+	A1	No work required
18	Sweet Chestnut	SM	52	1	20	4	5	6	5	0.5	N	Epicormic growth at base. Branch failure stubs. Minor deadwood.	40+	A1	No work required
19	Oak spp	V	111	1	18	9	8	8	8	2	N	Moderate deadwood. Branch failure stubs. Retrenching crown.	40+	A3	No work required
20	Oak spp	V	115	1	17	9	11	9	11	2	N	Moderate deadwood. Branch failure stubs. Numerous Branch failure tear wounds	40+	A3	No work required

No.	Species	Age	DBH	Stems	Height	Crown Spread				CH	EstD	General Observations	EstCont	BS Cat	Recommendation
						N	S	E	W						
21	Oak spp	SM	41	1	13	7	4	6	6	1	N	Codominant stems at 1.8m. Minor deadwood.	40+	B1	No work required
22	Birch spp	M	37	1	16	4	5	6	3	1.5	N	Stem leaning 10 degrees. Continuous canopy with adjacent trees.	40+	B2	No work required
23	Birch spp	M	33	1	16	6	4	5	4	1.5	N	Stem leaning 10 degrees. Continuous canopy with adjacent trees.	40+	B2	No work required
24	Oak spp	EM	81	5+	9	8	8	8	7	0.5	N	Multi-stemmed. Branch failure stubs. Minor deadwood.	40+	B1	No work required
25	Birch spp	M	50	2-5	21	8	9	7	9	0	N	Codominant stems at 1m. Minor deadwood.	40+	B1	No work required

Trees Within Adjacent Properties

Note: Reduced details recorded to ensure constraints within site are represented but typical lack of direct access does not allow for full assessment. Estimate of BS Category provided based on limited view

No.	Species	Age	DBH (cm)	Height (m)	Crown Spread Affecting Site (m)	CH (m)	General Observations	BS Cat
N1	Sycamore	EM	58	16	6	3.5		B1
N2	Sycamore	EM	67	15	6	3.5		B1
N3	Sycamore	EM	46	14	6	3		B1
N4	Sycamore	EM	46	14	6	3		B1

Group Data

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
1	Oak spp Lime spp Sycamore Horse Chestnut	Cherry spp Norway Maple Birch spp Sweet Chestnut	60	22	SM-M	7	Linear woodland adjacent to site. Varied health & form. Wide grass verge between woodland and cultivated land. Branch failure stubs. Deadwood. Occasional dead tree and some in a state of physiological decline. 1 maple has failed into field.	No work required	40+	A2
2	Sycamore Lime spp Norway Maple Oak spp	Scots Pine Birch spp Sweet Chestnut	60	22	SM-M	7	Linear woodland adjacent to site. Varied health & form. Wide grass verge between woodland and cultivated land. Branch failure stubs. Deadwood. Occasional dead tree and some in a state of physiological decline.	No work required	40+	A2
3	Scots Pine Sycamore Birch spp Sweet Chestnut	Larch spp Holly	50	20	SM-M	7	Linear woodland adjacent to site. Varied health & form. Wide grass verge between woodland and cultivated land. Branch failure stubs. Deadwood. Occasional dead tree and some in a state of physiological decline.	No work required	40+	A2
4	Pine spp	Birch spp Gorse	6	2	Y	1	Young plantation group.	No work required	40+	C2

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
5	Pine spp	Birch spp	6	2	Y	1	Young plantation group.	No work required	40+	C2
6	Cypress spp	Pine spp	4	2	Y	1	Young plantation group.	No work required	40+	C2
7	Pine spp Birch spp	Holly Oak spp Hazel Sycamore	50	20	SM-M	6	Plantation woodland. Varied health & form. Wide grass verge between woodland and cultivated land. Branch failure stubs. Deadwood. Occasional dead tree and some in a state of physiological decline. Numerous failed trees.	No work required	40+	A2
8	Sycamore Beech Birch spp Oak spp	Sweet Chestnut	55	21	SM-M	6	Predominantly broadland woodland between track and conifer plantation. Varied health & form. Branch failure stubs. Deadwood. Numerous basal wounds with varied degrees of decay at base of many sycamores.	No work required	40+	A2

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
9	Pine spp		45	20	SM-M	6	Plantation woodland. Varied health & form. Branch failure stubs. Deadwood. Occasional dead tree and some in a state of physiological decline.	No work required	40+	A2
10	Oak spp Lime spp Sycamore		90	22	M	10	Linear group of trees which form a continuous canopy. Position of tree(s) not located on topo - position estimated. Varied health & form. Moderate deadwood. Branch failure stubs.	No work required	40+	A2
11	Hawthorn Willow spp Oak spp Birch spp	Sweet Chestnut	30	7	Y-M	5	Group of sporadically located trees, western half form a contiguous canopy.	No work required	40+	B2
12	Lime spp Horse Chestnut Norway Maple Oak spp	Cherry spp Sycamore	60	22	SM-M	7	Linear woodland adjacent to site. Varied health & form. Wide grass verge between woodland and cultivated land. Branch failure stubs. Deadwood. Occasional dead tree and some in a state of physiological decline. 1 fallen tree.	No work required	40+	A2

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
13	Ash	Hawthorn	40	15	SM	6.5	Small linear group of 4 trees. Position of tree(s) not located on topo - position estimated.	No work required	20+	B2
14	Ash Sycamore		55	17	SM-M	8	Small group of trees which form a continuous canopy. Branch failure stubs. Minor deadwood.	No work required	40+	B2
15	Blackthorn Elder Hawthorn		12	5	M	3	Dense thicket	No work required	10+	C2
16	Sycamore Ash Oak spp Sweet Chestnut	Elm spp Beech Birch spp	60	22	SM-M	6	Linear woodland adjacent to site. Varied health & form. Branch failure stubs. Deadwood. Occassional dead tree and some in a state of physiological decline. Some trees have ivy covered stems	No work required	40+	A2

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
17	Sycamore	Elm spp Holly Birch spp	40	17	SM-M	5	Linear woodland adjacent to site. Mostly semi-mature sycamore with occasional mature trees. Varied health & form. Branch failure stubs. Deadwood. Occasional dead tree and some in a state of physiological decline. 1 mature tree has failed into site.	No work required	40+	A2
18	Beech Horse Chestnut Sweet Chestnut	Hawthorn Oak spp	80	19	SM-M	10	Linear group of predominantly mature trees to the north of a plantation woodland. Varied health & form. Branch failure stubs. Deadwood.	No work required	40+	A2
19	Hawthorn Elder Beech Oak spp	Elm spp Ash Sycamore	34	8	SM	4	Linear group of trees which form a continuous canopy. Eastern section trimmed as hedgerow	No work required	40+	C2
20	Beech		45	17	EM	8	Linear group of trees which form a continuous canopy. Possibly an outgrown hedgerow	No work required	40+	B2

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
21	Sycamore Birch spp Lime spp Oak spp	Holly Sweet Chestnut	40	17	SM	5	Linear woodland adjacent to site. Varied health & form. Branch failure stubs. Deadwood. Occassional dead tree and some in a state of physiological decline.	No work required	40+	A2
22	Birch spp Alder spp Sycamore Oak spp	Hawthorn	45	16	SM-M	4.5	Woodland adjacent to site. Varied health & form. Numerous dead trees. Deadwood. Branch failure stubs.	No work required	40+	A2
23	Pine spp	Birch spp Oak spp	7	2.5	Y	1	Young plantation group.	No work required	40+	C2
24	Sycamore	Pine spp Holly Sycamore	45	15	SM-M	7.5	Linear group of trees which form a continuous canopy. Varied size. Branch failure stubs.	No work required	40+	B2

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
25	Sweet Chestnut Oak spp Birch spp		45	18	SM-EM	5	Linear woodland. Varied health & form. Branch failure stubs. Deadwood. Occasional dead tree and some in a state of physiological decline.	No work required	40+	A2
26	Pine spp Oak spp Birch spp	Sweet Chestnut	50	19	SM-EM	5	Linear woodland. Varied health & form. Branch failure stubs. Deadwood. Occasional dead tree and 1 tree has fallen and hung up in adjacent canopy (leaning over track).	Remove failed, hung-up tree	40+	A2
27	Sycamore Sweet Chestnut Oak spp Beech	Birch spp	55	20	SM-M	7	Copse adjacent to young plantation. Most sycamore are multi-stemmed and some have basal decay. Small number of dead trees. Deadwood.	No work required	40+	B2
28	Birch spp Oak spp	Sweet Chestnut Broom	20	5.5	Y-SM	2	Small group of trees which form a continuous canopy.	No work required	40+	B2

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
29	Pine spp	Birch spp	45	21	SM-M	6	Linear plantation woodland of trees which form a continuous canopy. Moderate deadwood. Branch failure stubs.	No work required	40+	A2
30	Birch spp	Oak spp	22	13	SM	3	Group of trees which form a continuous canopy adjacent to river.	No work required	40+	B2
31	Birch spp	Oak spp	25	17	SM-EM	4	Group of trees which form a continuous canopy adjacent to river.	No work required	40+	B2
32	Birch spp	Oak spp	30	16	EM	3.5	Group of trees which form a continuous canopy adjacent to river.	No work required	40+	B2

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
33	Birch spp Oak spp		15	7	Y	2	Small group of trees which form a continuous canopy.	No work required	40+	C2
34	Willow spp		70	19	M	9	Small group of multi-stemmed trees which form a continuous canopy. Within wetland area. Varied health & form. Crown dieback. Deadwood.	No work required	40+	B2
35	Willow spp		70	19	M	9	Small group of multi-stemmed trees which form a continuous canopy. Within wetland area. Varied health & form. Crown dieback. Deadwood.	No work required	40+	B2
36	Willow spp		70	19	M	9	Linear group of multi-stemmed trees which form a continuous canopy. Adjacent to river. Varied health & form. Crown dieback. Deadwood.	No work required	40+	B2

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
37	Hawthorn	Elder	27	5.5	M	2.5	Linear group of trees. Possibly a remnant of an old hedgerow.	No work required	20+	C2
38	Birch spp		16	12	SM	2.5	Group of trees which form a continuous canopy.	No work required	40+	B2
39	Birch spp	Oak spp Hawthorn Sycamore	16	12	SM	2.5	Group of trees which mostly form a continuous canopy, but includes some sporadically located trees to the north.	No work required	40+	B2
40	Blackthorn	Hawthorn	14	3	M	1.5	Linear dense thicket.	No work required	20+	C2

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
41	Birch spp	Alder spp	19	6	Y-SM	3	Group of varied age trees in wetland area with no access.	No work required	40+	C2
42	Pine spp	Birch spp	47	20	SM-M	6.5	Linear woodland adjacent to site. Varied health & form. Wide grass verge between woodland and cultivated land. Branch failure stubs. Deadwood. Occasional dead tree and some in a state of physiological decline.	No work required	40+	A2
43	Birch spp Sycamore	Sweet Chestnut Holly Oak spp	25	16	Y-SM	6	Linear group of trees which form a continuous canopy. Small number of dead trees.	No work required	40+	B2

Hedgerow Data

Hedge Number	Dominant Species	Lesser Species	Age	Average Height	Average Depth	Historically Managed Height	Historically Managed Depth	Condition/Comments	Recommendations	EstCont	BS Cat
1	Hawthorn	Elder	M	1.5	0.5	As current height	As current depth	Managed hedgerow adjacent to woodland. Gaps of varied size along length.	No work required	40+	B2
2	Hawthorn	Elder	M	1.5	0.5	As current height	As current depth	Managed hedgerow.	No work required	40+	B2
3	Hawthorn	Elder	M	1.5	0.75	As current height	As current depth	Managed hedgerow.	No work required	40+	B2