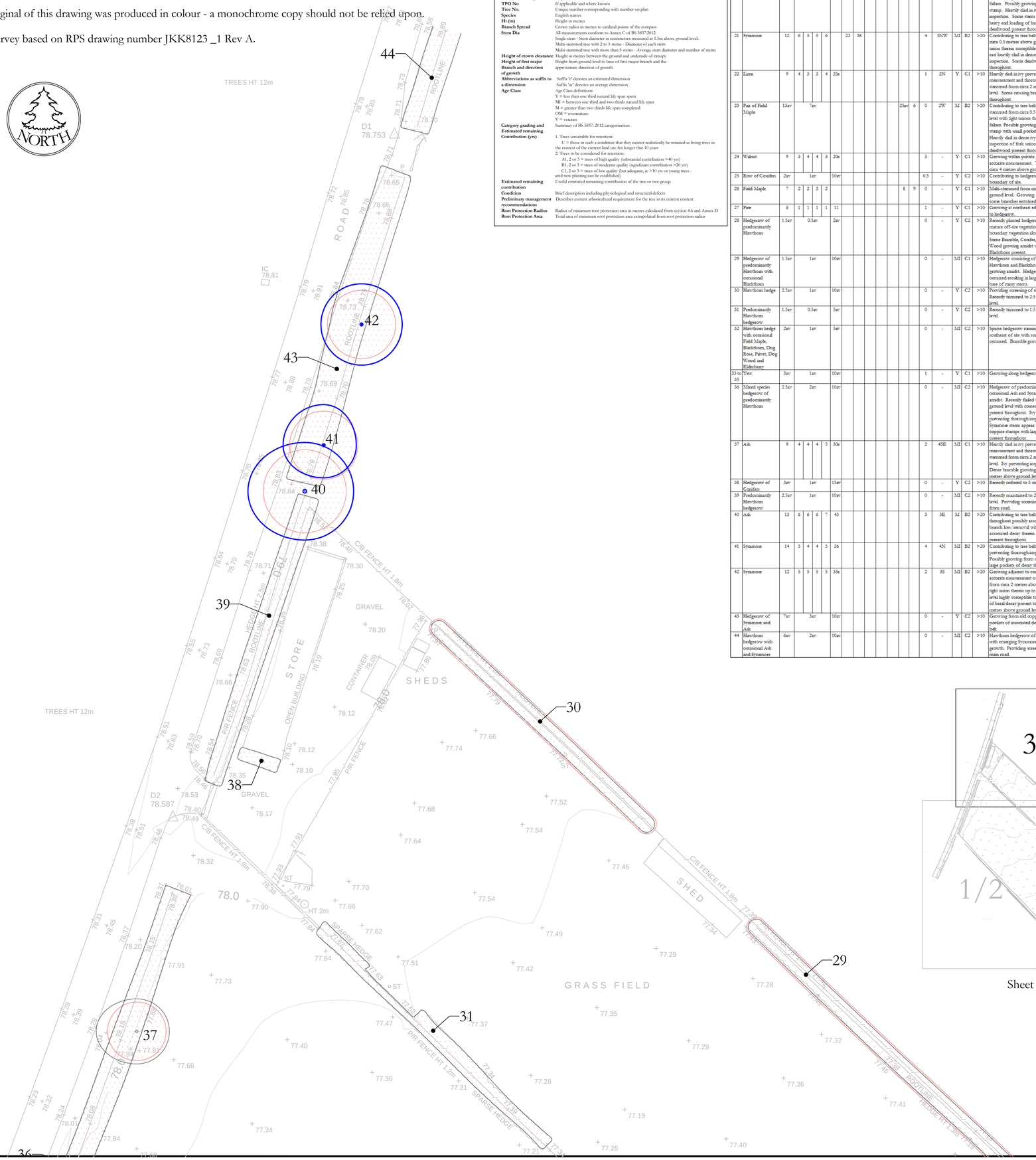
Note:
The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

Tree survey based on RPS drawing number JKK8123 _1 Rev A.

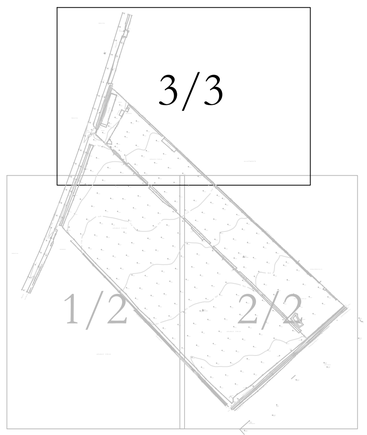


Key to Schedule of Trees

Column Heading	Explanation
TPO No	If applicable and where known
Tree No.	Unique number corresponding with number on plan
Species	English names
Ht (m)	Height in metres
Branch Spread	Crown radius in metres to cardinal points of the compass
Stem Dia	All measurements conform to Annex C of BS 5837:2012 Single stem - Stem diameter in centimetres measured at 1.5m above ground level. Multi-stemmed tree with 2 to 5 stems - Diameter of each stem Multi-stemmed tree with more than 5 stems - Average stem diameter and number of stems
Height of crown clearance	Height in metres between the ground and underside of canopy
Height of first major branch	Height from ground level to base of first major branch and the
Branch and direction of growth	approximate direction of growth
Abbreviations as suffix to a dimension	Suffix 'a' denotes an estimated dimension Suffix 'av' denotes an average dimension
Age Class	Age Class definitions: Y = less than one third natural life span spent MI = between one third and two thirds natural life span M = greater than two thirds life span completed OM = overmature V = veteran
Category grading and Estimated remaining Contribution (yrs)	Summary of BS 5837: 2012 categorisation: 1. Trees unsuitable for retention: 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 that 10 years 2. Trees to be considered for retention: A1, 2 or 3 = trees of high quality (substantial contribution >40 yrs) B1, 2 or 3 = trees of moderate quality (significant contribution >20 yrs) C1, 2 or 3 = trees of low quality (but adequate, ie >10 yrs or young trees - until new planting can be established)
Estimated remaining contribution	Useful estimated remaining contribution of the tree or tree group
Condition	Brief description including physiological and structural defects
Preliminary management recommendations	Describes current arboricultural requirement for the tree in its current context
Root Protection Radius	Radius of minimum root protection area in metres calculated from section 4.6 and Annex D
Root Protection Area	Total area of minimum root protection area extrapolated from root protection radius

SURVEY OF TREES AT GREEN LANE, CHESTERTON

Tree No.	Species	Ht (m)	Branch Spread (m) N	E	S	W	Stem diameters (cm) Single Stem	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	More than 5 stems Mean dia	No. stems	Height of crown clearance (m)	Height of first branch (m) and direction (compass point)	Age class	Category grading	Estimated remaining contribution (yr)	Condition Physiological / Structural	Preliminary management recommendations	Root protection radius (m)	Root protection area sqm
1	Pair of Ash	7av	3av				<23								1	1W	Y	C2	>10	Growing at edge of road. Tree to south exhibits stemmed from ground level with tight union susceptible to failure. Some deadwood present.		2.76	24
2	Ash	10	4	5	3	6		31	31						1	3NW	MI	C2	>10	Contributing to line of trees. Twin-stemmed from ground level with tight union up to circa 1 metre above ground level susceptible to failure. Large pocket of decay and cavity present on north face of trunk at circa 0.5 metres above ground level. Old pruning wounds present throughout crown with pockets of associated decay. Large deadwood present.		5.26	87
3	Ash	10	8	7	6	7							22av	7	1	1N	MI	C2	>10	Multi-stemmed from ground level with tight unions therein susceptible to failure. Large pockets of decay present at base of stem within central area of trunk. Small pockets of decay present throughout crown possibly associated with previous branch removal. Large deadwood present.		6.98	153
4	Hawthorn	5	4	1	3	3							10	14	0	-	MI	C2	>10	Contributing to line of trees. Multi-stemmed from ground level.		4.49	63
5	Group of Ash	13av	7av										<25	6	2	2N	MI	C2	>10	Contributing to line of hedgerow trees. Heavily clad in dense ivy preventing any inspection of multi-stemmed union. Multi-stemmed from circa ground level with tight unions therein susceptible to failure. Small wounds present throughout with small pockets of associated decay. Small deadwood present throughout.		7.35	170
6	Ash	9	6	4	5	6		21	25	8	20e			3	4NW	MI	C2	>10	Contributing to hedgerow. Multi-stemmed from ground level with tight unions therein susceptible to failure. Ivy present preventing accurate measurement of one stem. Large crossing branch with large wound present to northwest of crown at circa 4 metres above ground level. Large pocket of decay on smaller stem to the northeast at circa 0.5 metres above ground level. Small deadwood present throughout.		4.69	69
7	Hedgerow of predominantly Hawthorn, Blackthorn, Dog Rose, Privet, Elderberry	3av	2av			10av								0	-	MI	C2	>10	Providing screening of site from surrounding arable field. Ivy present throughout much of the hedgerow preventing thorough inspection. Small pockets of basal decay present in many stems, some having failed. Some deadwood present.		1.20	5
8	Group of Ash	9av	5av										<20	6	3	4N	MI	C2	>10	Contributing to hedgerow. Heavily clad in dense ivy preventing thorough inspection. Multi-stemmed from ground level with tight unions therein susceptible to failure.		3.88	109
9	Group of Ash	8av	4av										15	6	3	-	MI	C2	>10	Contributing to hedgerow. Multi-stemmed from ground level with tight unions therein susceptible to failure. Ivy present preventing thorough inspection. Small deadwood throughout.		4.41	61
10	Pair of Ash	8av	4av										15	6	4	3NE	MI	C2	>10	Growing amidst dense Blackthorn preventing thorough inspection of base. Multi-stemmed from ground level with tight unions therein.		4.41	61
11	Ash	7	4	4	3	4							15	7	3	4N	MI	C2	>10	Growing amidst dense Hawthorn preventing thorough inspection of base. Multi-stemmed from circa 0.2 metres above ground level with tight unions therein highly susceptible to failure. Large deadwood present.		4.76	71
12	Pair of Ash	8av	3av				<20	<20	<20	<20				4	2NW	MI	C2	>10	Contributing to hedgerow. Multi-stemmed from ground level with tight unions therein susceptible to failure. Ivy preventing thorough inspection. Small deadwood throughout.		4.80	72
13	Sycamore	10	4	3	4	3		20e	20e	20e				4	3E	MI	C2	>10	Growing amidst dense bramble and Hawthorn preventing accurate measurement. Multi-stemmed from 0.2 metres above ground level. Small deadwood present throughout.		4.16	54
14	Ash	9	5	5	3	4		10e	15e	25e	16			4	1.5NE	MI	C1	>10	Contributing to hedgerow. Multi-stemmed from ground level. Crossing stems from circa 1.4 to 2 metres above ground level resulting in an estimated diameter. Ivy preventing accurate measurement of these stems. Small deadwood present throughout.		4.17	55
15	Ash	14	7	6	5	7		28	30					4	4W	MI	B2	>20	Twin-stemmed from circa 1 metre above ground level with tight union therein susceptible to failure. Growing to north of older Field Maple coppice stump. Small deadwood present throughout.		4.92	76
16	Field Maple	15	6	5	5	7							<30	8	4	5W	M	B2	>20	Contributing to hedgerow. Possibly an old coppice stump allowed to regrow. Multi-stemmed from ground level with tight unions therein susceptible to failure. Ivy present on one large stem to south preventing thorough inspection. Tree consisting mainly of two large stems with 6 smaller stems of circa 20cm in diameter. Small deadwood present.		10.18	326
17	Field Maple	11	6	7	6	8		18	23	20	30e			2	2W	M	B2	>20	Multi-stemmed from ground level possibly growing from old coppice stump. Large pocket of decay within central area of stump. Ivy present. Growing amidst dense Dog Rose and Blackthorn preventing accurate measurement of two stems to east. Small pocket of decay present at circa 5 metres above ground level on stem to west. Small deadwood present throughout.		3.57	97
18	Mixed species hedgerow	10av	7av				<30							0	2W	MI	B2	>20	Providing screening of site of residential properties to east. Hedgerow consists of Hawthorn, Field Maple, Goat Willow, Hazel, Dog Rose, Blackthorn, Elderberry all growing within a 30 metre section. Some stems heavily clad in ivy with some stem failure having occurred. Large pockets of decay associated with previous branch loss throughout. Growing amidst dense under thicket of bramble preventing thorough inspection of many stems. Large deadwood present throughout.		3.60	41
19	Pair of Field Maple	13av	8av										<35	6	0	2W	M	B2	>20	Visually significant contribution to tree belt. Multi-stemmed from ground level with tight unions therein susceptible to failure. Possibly originates from old coppice stump. Large stem to southeast of crown has split main fork with subsequent adaptive growth. Significant lean on many stems with heavy end loading of branches. Ivy throughout preventing further inspection.		10.29	333
20	Pair of Field Maple	13av	7av				<30	6	0	2N	M	B2	>20	Visually significant contribution to tree belt. Multi-stemmed from 0.5 metres above ground level with tight union therein susceptible to failure. Possibly growing from old coppice stump. Heavily clad in ivy preventing thorough inspection. Some stems have significant lean with heavy end loading of branches. Large deadwood present throughout.		8.82	244
21	Sycamore	12	6	5	5	6		23	38					4	3NW	MI	B2	>20	Contributing to tree belt. Twin-stemmed from circa 0.5 metres above ground level with tight union therein susceptible to failure. Stem to the east heavily clad in dense ivy preventing thorough inspection. Some deadwood present throughout.		5.33	89
22	Lime	9	4	3	3	4	25e							1	2N	Y	C1	>10	Heavily clad in ivy preventing accurate measurement and thorough inspection. Multi-stemmed from circa 2 metres above ground level. Some crossing branches present throughout.		3.00	28
23	Pair of Field Maple	13av	7av									25av	6	0	2W	M	B2	>20	Contributing to tree belt along boundary. Multi-stemmed from circa 0.5 metres above ground level with tight unions therein susceptible to failure. Possible growing from old coppice stump with small pockets of basal decay therein. Heavily clad in dense ivy preventing thorough inspection of fork union and crowns. Some deadwood present throughout.		7.35	170
24	Walnut	9	3	4	4	3	20e							3	-	Y	C1	>10	Growing within private garden preventing accurate measurement. Twin-stemmed from circa 4 metres above ground level.		2.40	18
25	Row of Conifers	2av	1av				10av							0.5	-	Y	C2	>10	Contributing to hedgerow along northeast boundary of site.		1.20	5
26	Field Maple	7	2	2	3	2						8	9	0	-	Y	C1	>10	Multi-stemmed from circa 0.5 metres above ground level. Growing amidst fencing with some branches entwined within wire mesh.		2.88	26
27	Pine	6	1	1	1	1	11							1	-	Y	C1	>10	Growing at northeast edge of site. Contributing to hedgerow.		1.32	5
28	Hedgerow of predominantly Hawthorn	1.5av	0.5av				2av							0	-	Y	C2	>10	Recently planted hedgerow growing to south of mature off-site vegetation. Contributing to the boundary vegetation along northeast of site. Some Bramble, Conifer, Field Maple and Dog Wood growing amidst with occasional Blackthorn present.		0.24	0
29	Hedgerow of predominantly Hawthorn with occasional Blackthorn	1.5av	1av				10av							0	-	MI	C1	>10	Hedgerow consisting of predominantly Hawthorn and Blackthorn with Bramble growing amidst. Hedge laying has recently occurred resulting in large wounds present at the base of many stems.		1.20	5
30	Hawthorn hedge	2.5av	1av				10av							0	-	Y	C2	>10	Providing screening of site from allotments. Recently trimmed to 2.5 metres above ground level.		1.20	5
31	Predominantly Hawthorn hedgerow	1.5av	0.5av				5av							0	-	Y	C2	>10	Recently trimmed to 1.5 metres above ground level.		0.60	1
32	Hawthorn hedge with occasional Field Maple, Blackthorn, Dog Rose, Privet, Dog Wood and Elderberry	2av	1av				5av							0	-	MI	C2	>10	Sparse hedgerow running from northwest to southeast of site with some new planting having occurred. Bramble growing amidst.		0.60	1
33 to 35	Yew	3av	1av				10av							1	-	Y	C1	>10	Growing along hedgerow.		1.20	5
36	Mixed species hedgerow of predominantly Hawthorn	2.5av	2av				10av							0	-	MI	C2	>10	Hedgerow of predominantly Hawthorn with occasional Ash and Sycamore trees growing amidst. Recently flailed to 2.5 metres above ground level with consequent large wounds present throughout. Ivy present on many stems preventing thorough inspection. Ash and Sycamore stems appear to have grown from old coppice stumps with large pockets of decay present throughout.		1.20	5
37	Ash	9	4	4	4	5	30e							2	4SE	MI	C1	>10	Heavily clad in ivy preventing accurate measurement and thorough inspection. Twin-stemmed from circa 2 metres above ground level. Ivy preventing inspection of main fork. Dense bramble growing amidst up to circa 4 metres above ground level.		3.60	41
38	Hedgerow of Conifers	3av	1av				15av							0	-	Y	C2	>10	Recently reduced to 3 metres above ground level.		1.80	10
39	Predominantly Hawthorn hedgerow	2.5av	1av				10av							0	-	MI	C2	>10	Recently maintained to 2.5 metres above ground level. Providing screening of sheds and barns from road.		1.20	5
40	Ash	13	6	6	6	7	43							3	3E	M	B2	>20	Contributing to tree belt. Small wounds present throughout possibly associated with previous branch loss / removal with small pockets of associated decay therein. Small deadwood present throughout.		5.16	84
41	Sycamore	14	5	4	4	5	36							4	4N	MI	B2	>20	Contributing to tree belt. Heavily clad in ivy preventing thorough inspection of crown. Possibly growing from old coppice stump with large pockets of decay therein.		4.32	59
42	Sycamore	12	5	5	5	5	35e							2	3S	MI	B2	>20	Growing adjacent to corrugated shed preventing accurate measurement of stem. Triple-stemmed from circa 2 metres above ground level with tight union therein up to 4 metres above ground level highly susceptible to failure. Large pocket of basal decay present to north of stem at 0.5 metres above ground level.		4.20	55
43	Hedgerow of Sycamore and Ash	7av	3av				10av							0	-	Y	C2	>10	Growing from old coppice stumps with large pockets of associated decay. Contributing to tree belt.		1.20	5
44	Hawthorn hedgerow with occasional Ash and Sycamore	6av	2av				10av							0	-	MI	C2	>10	Hawthorn hedgerow of circa 4 metres in height with emerging Sycamore and Ash coppice growth. Providing screening of allotments from main road.		1.20	5



Sheet Layout

0 5m 10m 20m

Key:

1. Trees to be considered for retention:
   - Tree Category A 1,2 or 3 - trees of high quality
   - Tree Category B 1,2 or 3 - trees of moderate quality
   - Tree Category C 1,2 or 3 - trees of low quality
2. Trees unsuitable for retention:
   - Tree Category U - trees that cannot realistically be retained due to their condition
3. Protected areas:
   - Root Protection Area (RPA)
4. Tree numbering
   - 16 Tree number - refer to schedule for information

CLIENT: CSA Environmental Planning

PROJECT: Land at Green Lane, Chesterton

TITLE: Tree Constraints Plan

DRAWING NUMBER: 8364/01 3/3

STATUS: For Information

DATE: April 2014 | SCALE: 1:250 @ A1

DRAWN BY: ML | CHECKED BY: JTK

Do not scale from this drawing: All dimensions to be checked on site

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