



Key to Schedule of Trees

Column Heading	Explanation
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 5872:2012
Height of crown clearance	Height in metres between the ground and underside of canopy
Height of fine major branch and direction of growth	Height from ground level to base of fine major branch and the approximate direction of growth
Abbreviations as suffix to a dimension	Suffix 'V' denotes an estimated dimension
Age Class	Age Class definitions: Y = Young S = Semi-mature I = Fully mature M = Mature O = Over mature
Category grading and Estimated remaining Contribution (yrs)	Summary of BS 5872:2012 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 than 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, < 10 yrs or young trees - until new planting can be established) Useful estimated remaining contribution of the tree or tree group
Condition	Brief description including physiological and structural defects
Tree Works	Works required to be undertaken to the trees to facilitate the construction of remedial a defect encountered during the survey
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 computed from root protection radius

- Key:**
- Existing site features
 - Proposed structures
 - Trees retained
 - Trees removed
 - 2.0m high barrier as detail in Fig 3
 - Area of ground protection

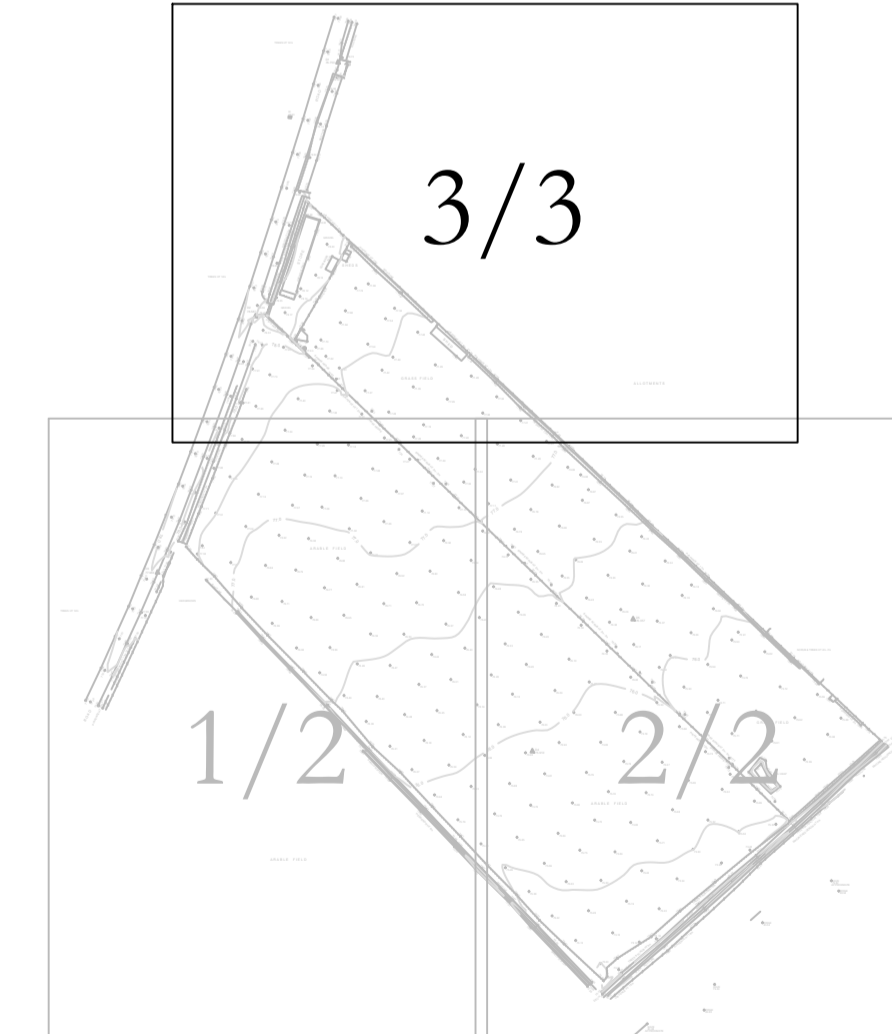
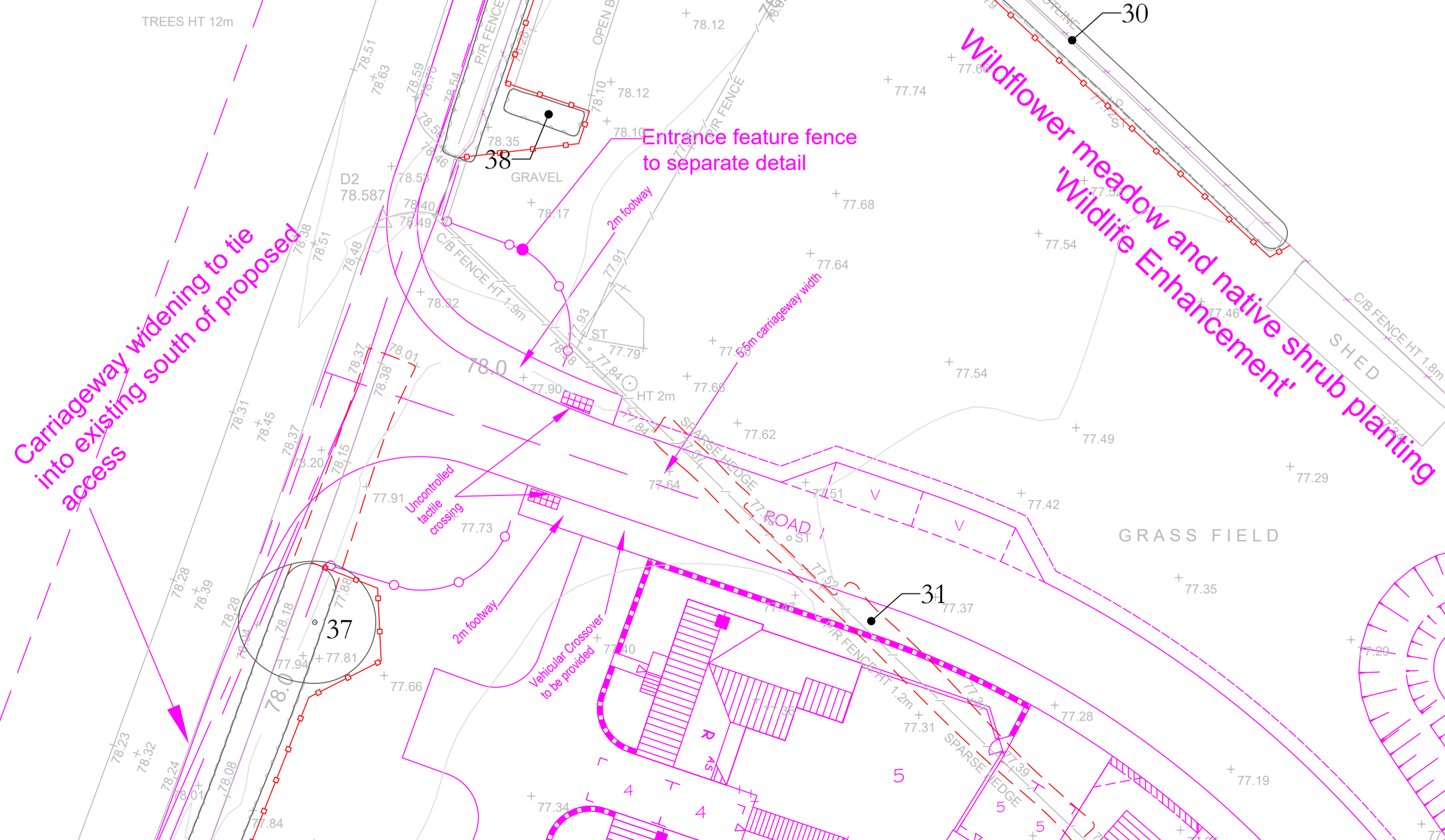
SURVEY OF TREES AT GREEN LANE, CHESTERTON

Tree No.	Species	Ht (m)	Branch Spread (m)				Stem diameters (cm)					More than 5 stems	Condition Physiological / Structural	Tree Works to BS 3998	Root protection radius (m)	Root protection area (sqm)	
			N	E	S	W	Single Stem	2-5 stems	6-10 stems	11-20 stems	21-30 stems						31-40 stems
1	Pair of Ash	7av	3av				<25									2.76	24
2	Ash	10	4	5	3	6	31	31								5.26	87
3	Ash	10	8	7	6	7										6.98	153
4	Hawthorn	5	4	1	3	3										4.49	63
5	Group of Ash	13av	7av				<25	6	2	2N	MI	C2	>10			7.35	170
6	Ash	9	6	4	5	6	21	25	8	20e	3	4NW	MI	C2	>10	4.69	69
7	Hedgehog of predominantly Hawthorn, Blackthorn, Dog Rose, Pines, Elderberry	5av	2av													1.20	5
8	Group of Ash	9av	5av				<20	6	3	4N	MI	C2	>10			5.88	109
9	Group of Ash	8av	4av													4.41	61
10	Pair of Ash	8av	4av				15	6	4	3NE	MI	C2	>10			4.41	61
11	Ash	7	4	4	3	4										4.76	71
12	Pair of Ash	8av	3av				<20	<20	<20	<20						4.80	72
13	Sycamore	10	4	3	4	3	20e	20e	20e							4.16	54
14	Ash	9	5	5	3	4	10e	15e	25e	16						4.17	55
15	Ash	14	7	6	5	7	28	30								4.92	56
16	Field Maple	15	6	5	5	7										10.18	326
17	Field Maple	11	6	7	6	8	18	23	20	30e						5.57	97

18	Mixed species hedgehog	10av	7av															0	2W	MI	B2	>20	Providing screening of site of residential properties to east. Hedgehog 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 thickets of bramble permeating throughout aspect of many stems. Large deadwood present throughout.	Cut back to bring back under management.	3.60	41		
19	Pair of Field Maple	15av	8av															<35	6	0	2W	M	B2	>20	Visually significant contribution to tree belt. Multi-stemmed from ground level with light union 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 and loading of branches ivy throughout preventing further inspection.	Cut to give 2m clearance from building.	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 light 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.	Cut to give 2m clearance from building.	8.82	244
21	Sycamore	12	6	5	5	6													4	SNW	MI	B2	>20	Contributing to tree belt. Twisted stem from circa 0.5 metres above ground level with light union therein susceptible to failure. Stem to the east heavily clad in dense ivy preventing thorough inspection. Some deadwood present throughout.	Cut to give 2m clearance from building.	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 light union 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 cavities. 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. Tree stemmed from circa 4 metres above ground level.		2.40	18	
25	Row of Conifers	2av																	0.5	-	Y	C2	>10	Contributing to hedgehog 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 crossed within site boundary.		2.88	26
27	Pine	6	1	1	1	1	11												1	-	Y	C1	>10	Growing at northeast edge of site. Contributing to hedgehog.		1.32	5	
28	Hedgehog of predominantly Hawthorn	1.5av	0.5av																0	-	Y	C2	>10	Recently planted hedgehog 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.	Cut back to bring back under management.	0.24	0	
29	Hedgehog of predominantly Hawthorn with occasional Blackthorn	1.5av	1av																0	-	MI	C1	>10	Hedgehog consisting of predominantly Hawthorn and Blackthorn with Bramble growing amidst. Hedge lying has recently occurred resulting in large wounds present at the base of many stems.		1.20	5	
30	Hawthorn hedge	2.5av	1av																0	-	Y	C2	>10	Providing screening of site from allotments. Recently thinned to 2.5 metres above ground level.		1.20	5	
31	Predominantly Hawthorn hedgehog	1.5av	0.5av																0	-	Y	C2	>10	Recently thinned to 1.5 metres above ground level.	Remove.	0.60	1	
32	Hawthorn hedge with occasional Field Maple, Blackthorn, Dog Rose, Pines, Dog Wood and Elderberry	2av	1av																0	-	MI	C2	>10	Space hedgehog existing from northeast to southeast of site with some new planting having occurred. Bramble growing amidst.	Remove.	0.60	1	
33	Yew	3av	1av																1	-	Y	C1	>10	Growing along hedgehog.	Remove.	1.20	5	
34	Mixed species hedgehog of Hawthorn	2.5av	2av																0	-	MI	C2	>10	Hedgehog of predominantly Hawthorn with occasional Ash and Sycamore trees growing amidst. Recently thinned 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.	Remove section as shown.	1.20	5	
35	Yew	3av	1av																0	-	Y	C2	>10	Recently thinned to 3 metres above ground level.		1.80	10	
36	Mixed species hedgehog of Hawthorn	2.5av	1av																0	-	MI	C2	>10	Recently thinned to 2.5 metres above ground level. Providing screening of sheds and buses from road.		1.20	5	
37	Ash	15	6	6	6	7	45												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	
38	Hedgehog of Conifers	3av	1av																0	-	Y	C2	>10	Recently thinned to 3 metres above ground level.		1.80	10	
39	Predominantly Hawthorn hedgehog	2.5av	1av																0	-	MI	C2	>10	Recently thinned to 2.5 metres above ground level. Providing screening of sheds and buses from road.		1.20	5	
40	Ash	13	6	6	6	7	45												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	Heavily clad in ivy preventing accurate measurement and thorough inspection. Twisted stem 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.		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 light 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	Hedgehog of Sycamore and Ash	7av	3av																0	-	Y	C2	>10	Growing from old coppice stumps with large pockets of associated decay. Contributing to tree belt.		1.20	5	
44	Hawthorn hedgehog with occasional Ash and Sycamore	6av	2av																0	-	MI	C2	>10	Hawthorn hedgehog of circa 4 metres in height with emerging Sycamore and Ash coppice growth. Providing screening of allotments from main road.		1.20	5	

Carriageway widened to provide a minimum of 4.8m width with full height kerb provided along side of proposed footway

Carriageway widening to tie into existing south of proposed access



Sheet Layout

- Rev A 15.12.15 Revised layout imported. jtk
- Rev B 23.08.16 Latest layout imported. jtk
- Rev C 08.09.16 Latest layout imported. jtk

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.
Site Plan based on Life Space Design drawing number LSD 129.04.01.
For tree protective barrier and ground protection details see drawing number 8364/02 Rev C 1/3.

CLIENT: CSA Environmental Planning

PROJECT: Land at Green Lane, Chesterton

TITLE: Tree Protection Plan

DRAWING NUMBER: 8364/02 Rev C 3/3

STATUS: For Information

DATE: Oct 2015 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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