

CASCADE CHART FOR TREE QUALITY ASSESSMENT (BS 5837:2012)

TREES FOR REMOVAL			
Category	Criteria		
Category U Those in such a condition that any existing value would be lost within 10 years and which should, in the current context, be removed for reasons of sound arboricultural management.	Trees that have a serious irremediable structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other 'F' category trees (i.e. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning). Trees that are dead or are near dead, in the current context, and which should, in the current context, be removed for reasons of sound arboricultural management. NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve.		
TREES TO BE CONSIDERED FOR RETENTION			
	1. Mainly arboricultural values	2. Mainly landscape values	3. Mainly cultural values, including conservation
Category A Trees of high quality and value: in such a condition as to be able to make a substantial contribution (a minimum of 40 years is suggested).	Trees that are particularly good examples of their species, especially if rare or unusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue).	Trees, groups or woodlands which provide a definite screening or softening effect to the locality in relation to views into or out of the site, or those of particular visual importance (e.g. avenues or other arboricultural features assessed as groups).	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood pasture).
Category B Trees of moderate quality and value: in such a condition as to make a significant contribution (a minimum of 20 years is suggested).	Trees that might be included in the high category, but are downgraded because of impaired condition (e.g. presence of remediable defects including unsympathetic past management and minor storm damage).	Trees present in numbers, usually growing as groups or woodlands, such that they form distinct landscape features, thereby attracting a higher collective rating than they might as individuals but which are not, individually, essential components of formal or semi-formal arboricultural features (e.g. trees of moderate quality within an avenue that includes better 'A' category specimens) or trees situated mainly internally to the site, occurring as collectives but situated so as to make little visual impact on the wider locality.	Trees with material conservation or other cultural benefits.
Category C Trees of low quality and value: currently in adequate condition to remain until new planting could be established (a minimum of 10 years is suggested) or young trees with a stem diameter below 150 mm.	Trees not qualifying in higher categories.	Trees present in groups or woodlands, but without this conferring on them significantly greater landscape value and/or trees offering low or only temporary/transient landscape benefits.	Trees with no material conservation or other cultural value.

NOTE: Whilst 'C' category trees will usually not be retained where they would impose a significant constraint on development, young trees with a stem diameter of less than 150 mm should be considered for relocation.

SITE: Elmrige Farm, Near Chipping
CLIENT: Mrs Hayhurst
JOB NO: 1828
DATE OF SURVEY: 21.03.2012
SURVEYOR: LAC
WEATHER: Cool, Overcast, No Wind

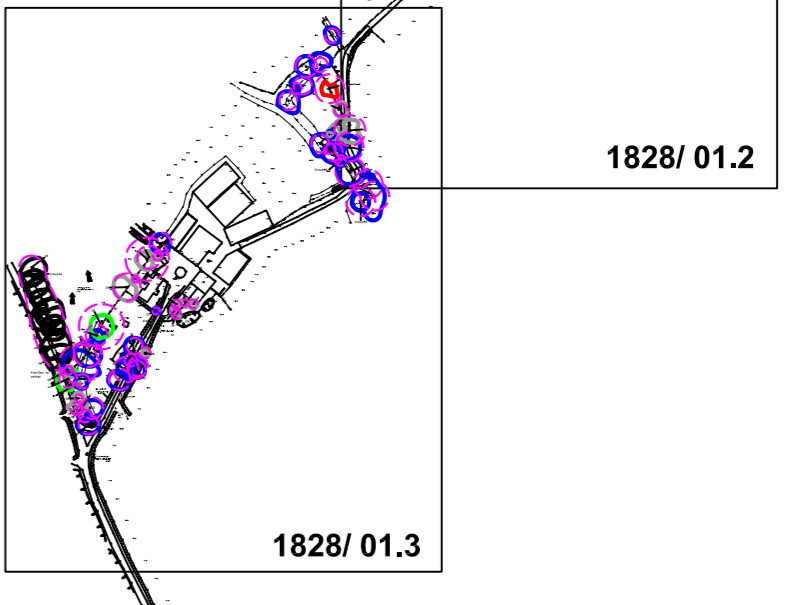
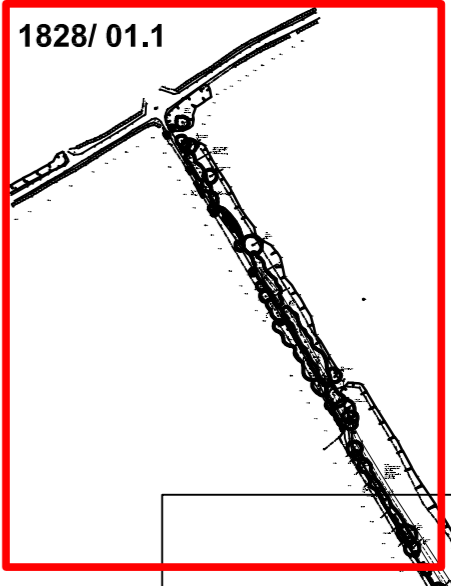
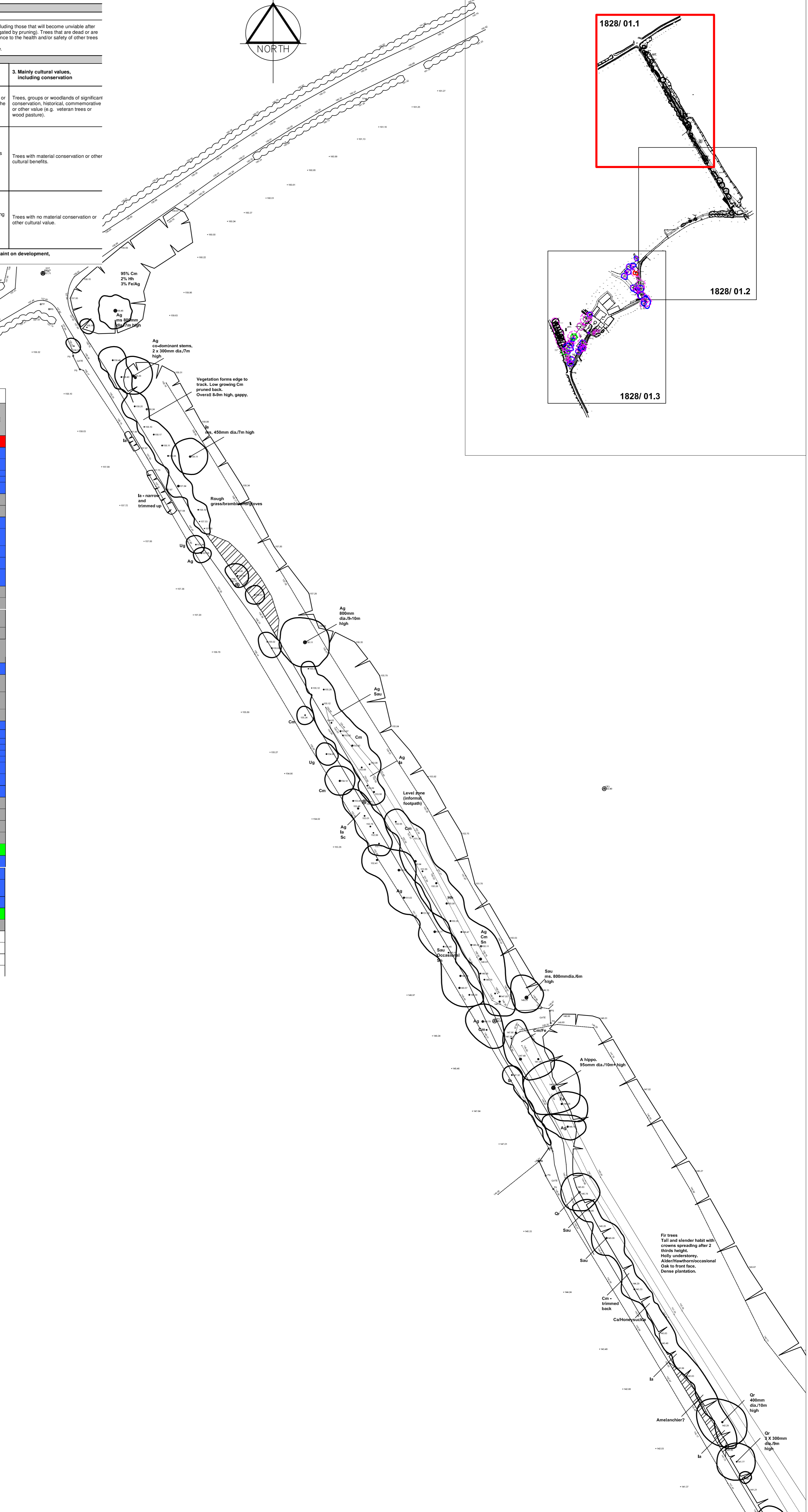
Cop - coppice Y - young (pole size) SM - semi-mature EM - early mature M - mature FM - fully mature OM - over-mature Sap - sapling SI - standard B - bush S - scrub

Tree No	Species	Height (m)	DBH (cm)	Age Class	Health	Quality	Notes	Category	
1	Ash	6	800	9.6	2	OM	C	C	Central heartwood decayed out but still producing leaves. Main canopy scaffolding lost.
2	Sycamore	12+	2 x 400	4.8	2	M	B	B	Co-dominant stems. Canopy overalls barn roof. Good vigour. Reasonably well balanced.
3	Ash	12+	600	7.2	1	M	B	B	Low spreading branches. Minor dead wood. Good vigour. Well balanced.
4	Sycamore	12	500	6.0	3	M	B	B	On edge of ditch/grassy area. Some dead wood. Both straight with well balanced canopies.
5	Sycamore	12	500	6.0	2	M	B	B	Shrub habit.
6	Holly	5	300	3.6	-	M	B	B	Dead wood/secondary branches lost to top of canopy. Co-dominant stems. Reasonably well balanced.
7	Sycamore	9	400 + 300	4.2	5	M	B	C	Loss of vigour and becoming stag headed. Dead wood in canopy. Will remain stable if undisturbed. Good wildlife value.
8	Oak	9-10	850	10.2	2	OM	C	C	Large, wide spreading specimen. Minor dead wood with good vigour.
9	Ash	12+	800	9.6	3	M	B	B	Group set along edge of ditch. Forms a foliage screen to buildings beyond. Retain for this reason. Dead wood to sycamore which are the more mature.
G10	Sycamore/Ash/Elder	Up to 12	200 - 500	6.0	-	M	C	C	Ivy in canopy. Some secondary branches with lost ends. Dead wood. Reasonable vigour.
11	Ash	12+	900	9.6	6	M	B	B	Generally set over ditch and sloping ground by gate. Dead wood in canopy. Makes an overall foliage thicket.
G12	Predominantly Sycamore	Up to 12	900	9.6	-	M	B	B/C	Neat, small, well balanced crown. Rooted at base of a bank to adjacent field. Ivy clad. Lightly branched. Hole/cavity at base. Reasonable vigour.
13	Sycamore	10	600	7.2	3	M	B	B/C	Small tree - expendable. Some lower branches pruned up.
14	Sycamore/Field Maple	6	275	3.3	3	EM	B	A	Main canopy lost with open top to trunk. 75% of canopy lost.
15	Ash	7	650	7.8	6	OM	C	C	Large internal cavity - most heartwood gone, central canopy lost. Reduced crown, deadwood but still leafing. Good wildlife value - retain if possible for this reason.
16	Ash	8	1200	14.4	3	OM	C	C	Self set small tree. Replaceable.
17	Sycamore	7	200	2.4	1	EM	C	B	Old small orchard trees. Replaceable.
18	Fruit	6	250	3.0	-	OM	C	C	Small conical tree (old xmas tree?). Replaceable.
19	Apple	7	200	2.4	-	EM	B	B	Wide at base. Old fruit tree. Replaceable.
20	Apple	5	175	2.1	1	OM	C	C	One sided canopy. Crown reduced away from telephone cable. Several pockets at old removed branch sides. Weeping at recent prune site. Potential cavity.
21	Shrub	7	200	2.4	-	EM	B	B	Small compact canopy, over run with ivy.
22	Fruit	5	175	2.1	1	OM	C	C	Rooted adjacent ditch. Both with low cavities at base. Dead wood. Light fairly compact canopies. Straight main stems. Visually prominent on edge of access road.
23	Sycamore	12	750	9.0	2	OM	C	C	Line of 4 sycamores forming good spread of canopy. All rooted on rise of banking to adjacent field. Minor dead wood. Reasonable vigour. Dense foliage (29 less so).
24	Sycamore	12	550	6.6	3	M	B	B	Large, side spreading tree, prominent at entrance. Rooted on banking. Minor dead wood.
25	Sycamore	12	550	6.6	4	M	B	B	One sided canopy, leaning/bias to road. Good density. Minor dead wood.
26	Oak	10	600	7.2	1	M	B	B	Tall straight stem with canopy at top.
27	Pine	12	350	4.2	8	M	B	B	Large limb lost and torn off; loss of 40% of timber to stem. One sided. Small canopy. Replaceable. Some ivy.
28	Acer/Field Maple	9	350	4.2	4	M	C	C	Small oak, poor form. Replaceable.
29	Oak?	9	200 + 300	2.5	4	M	C	C	Small tree, small high canopy.
30	Pine	10	350	4.2	8	EM	C	B	Small, domed shaped tree.
31	Oak	7-8	200	2.4	1	EM	C	B	Large expansive tree with large base to 4/5 primary branches. Visually good. Appears structurally sound. Compact, slightly one-sided canopy.
32	Oak	12+	1400	15.0	3	M	A	A	Small tree, small high canopy.
33	Sycamore	12+	600	7.2	2	M	B	B	Broad based multi-stemmed, giving rise to 3 main stems. Wide spreading. Minor dead wood.
34	Oak	12	3 x 500	8.8	5	M	B	B	Large wide spreading tree with long overhanging branches towards road side. Heavy secondary limbs. Some dead wood and branch loss. Old nest.
35	Oak	10	400	4.8	6	M	C	C	Small, meshpan canopy. Replaceable.
36	Beech	12	500	6.0	7	M	A	A	Tall, upright compact tree, adjacent road.
37	2 X Oak	9	300 + 775	2.8	4	M	C	C	2 small trees, reduced canopies. Replaceable.
38	Beech	12+	900	10.8	-	M	-	-	Visually prominent. Some limb loss at end of branches.
39	Beech	12+	900	10.8	-	M	-	-	Visually prominent. Some limb loss at end of branches.
G48	Oaks	12+	200 - 700	8.4	-	M	-	-	Avenue of visually prominent trees. Good foliage screen. Some dead wood and limb loss.
49	Sycamore	12+	2 x 700	8.4	-	M	-	-	Co-dominant stems.

BRITISH 5837:2012 4.5 TREE CATEGORIZATION
Detailed criteria of these categories are given above. These categories do not necessarily represent or correspond to recommendations for action in any relevant report.

	CATEGORY U: Serious, irremediable defect with early loss expected/trees showing signs of overall decline/suppressing trees of better quality. Unsuitable for retention but may have desirable conservation value
	CATEGORY A: Good/moderately good quality and value. Retention most desirable.
	CATEGORY B: Moderately/fair quality and value. Retention desirable but has some defect which downgrades value.
	CATEGORY C: Low quality and value. Tree possibly expendable but should be retained if appropriate to development.
	TREES OFF SITE - trees not surveyed in detail and location and statistics are estimates only. Category grade not necessarily provided.
	CONIFER SPECIES - any category
	CENTRE OF TREE/SHRUB.
	TREES PROTECTED BY TREE PRESERVATION ORDER (Area, Group, Woodland or Individual)
	ROOT PROTECTION AREA (RPA) The root protection Area is the minimum area around a tree which should be left undisturbed in order to avoid damage to the roots or rooting environment. If work needs to be carried out within the RPA then specialist surfaces or specialist construction techniques must be considered. Care must also be taken to avoid ground compaction within the RPA and storage of materials is not permitted. No excavations shall be carried out within the RPA unless agreed with the LPA. Any agreed excavations must only be carried out by hand.

KEY



ELMRIDGE FARM, CHIPPING
Tree survey

REVISIONS	

Project	ELMRIDGE FARM, CHIPPING		
Title	TREE SURVEY PLAN		
Client	MRS HAYHURST		
Date	DECEMBER 2012	Scale	1:500 @ A1
Drawn	LAC	Drawing No.	1728_01.1
Checked		Revision	

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