

TREE SURVEY SCHEDULE FOR PRELIMINARY ARBORICULTURAL IMPACT APPRAISAL
Site: Waddow View, Clitheroe, Lancashire, BB7 3DE
Clients: The Huntroyde Estate, Clitheroe Auction Mart Co Ltd, Mr J Taylor, Ms Sarah Howard & Ms Samantha Howard

Surveyor: Phill Harris – Chartered Arboriculturist
Survey Date: 19 June 2014
Job Reference: BTC298

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No.	Species	Height	Stem Diam.	Branch Spread	Branch & Canopy Clearances	Life Stage	PC	General Observations and Comments	Management Recommendations	ERC	Cat. Grade	RPA (m ²)	RPA Radius (m)	
T1	Ash	15	2x500 1x450 (ms)	N E S W	10.5 9 8.5 9.5	0.5-NE 1	M	G	<ul style="list-style-type: none"> Stem trifurcates into sub-stems at a height of approximately 1.2m with very tight forks. 	<ul style="list-style-type: none"> Retain in context of proposed development. 	20+	B1/2	318	10
T2	Horse Chestnut	8.5	310	N E S W	4 4 4 4	2-N 2	SM	G	<ul style="list-style-type: none"> No visible structural defects. 	<ul style="list-style-type: none"> Retain in context of proposed development. 	20+	B1	43	3.72
T3	Ash	15	870	N E S W	7.5 10.5 8 4.5	5-E 5	M	M	<ul style="list-style-type: none"> Has sustained very large diameter branch failure at a height of approximately 4.5m leaving very large wound to stem with decay evident. Several <i>Daldinia concentrica</i> white-rot decay causing fungal fruiting bodies evident to stem. High risk of further primary branch failures. Short projected remaining safe life expectancy. 	<ul style="list-style-type: none"> Where practicable tree should be retained for ecological value and pruned in order to reduce risk to site users to acceptable level. 	<10	U	342	10.44
T4	Ash	9.5	280	N E S W	5 4 3 3	2-N 1	Y	G	<ul style="list-style-type: none"> Minor stem lean to east. 	<ul style="list-style-type: none"> Retain in context of proposed development. 	20+	B1	35	3.36
T5	Ash	11	1x300 1x260 (ts)	N E S W	6 5 5 5	4-NE 2.5	EM	G	<ul style="list-style-type: none"> Stem bifurcates into sub-stems at a height of approximately 1m. Large diameter partially occluded pruning wound to south side of stem at a height of approximately 0.7m. 	<ul style="list-style-type: none"> Retain in context of proposed development. 	20+	B1/2	71	4.76
T6	Common Alder	15.5	770	N E S W	8 7 8 7	6-NW 4	M	M	<ul style="list-style-type: none"> Moderate amount of deadwood to approximately 100mm. Crown showing signs of a minor reduction in vitality. 	<ul style="list-style-type: none"> Retain in context of proposed development. 	40+	A2	268	9.24

Headings and Abbreviations:

No. Allocated sequential reference number - Tree ('T'), Group ('G'), Woodland ('W') or Hedge ('H') reference number - refer to plan and to numbered tags where applicable

Species: Common name

Height: In metres, to nearest half metre – where possible approximately 80% are measured using an electronic clinometer and the remainder estimated against the measured trees. In the case of Groups and Woodlands the measurement listed is that of the highest tree

Stem Diam.: Stem diameter in millimetres, to nearest 10mm - measured and calculated as per Annex C of BS5837:2012. MS = multi-stemmed, TS = twin-stemmed

Branch Spread: Crown radius measured (or estimated where considered appropriate) from the four cardinal points (north, east, south and west) to give an accurate visual representation of the crown

Branch & Canopy Clearances: Existing height above ground level, in metres, of first significant branch and direction of growth (e.g. 2.5-N) and of canopy at lowest point – to inform on crown to height ratio, potential for shading, etc.

Life Stage: Estimated age class - Y = young, SM = semi-mature, EM = early-mature, M = mature, PM = post-mature

PC: Physiological Condition - a measure of the tree(s)' overall vitality, i.e. D = Dead, MD = Moribund, P = Poor, M = Moderate, G = Good

General Observations and Comments: Comments relating to the tree(s)' overall condition and any other pertinent factors including structural defects, current and potential direct structural damage, physiological decline, poor form, etc.

Management Recommendations: Either Preliminary or In Consideration of the Proposal - In the case of Arboricultural Constraints Surveys the recommended management works only take existing site and tree circumstances and conditions into account and not proposed developments. Arboricultural Impact Assessment and Method Statement related Surveys take the proposed development into consideration with recommendations made accordingly. More than one option may be given if considered appropriate

ERC: Estimated Remaining Contribution - in years as per BS5837:2012 (i.e. <10, 10+, 20+, 40+)

Cat. Grade: Category Grading - tree retention value listed as U, A, B or C - in accordance with BS5837:2012 Table 1

RPA m²: Root Protection Area in m² - calculated area around the tree that must be appropriately protected throughout the development process in order avoid root damage

RPA Radius (m): Root Protection Area Radius - in metres measured from the centre of the stem to the line of tree protection

(Estimated Dimensions): Where trees are located off-site, or are inaccessible for any other reason, and accurate measurements or other information cannot be taken then the information provided is estimated and is duly suffixed with a "#" symbol

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T7	Common Alder	13	700	N E S W 7	8 5 7 4.5	2-W	PM	M	<ul style="list-style-type: none"> Very large basal cavity to west with extensive and evidently progressive decay within. Stem cavity at a height of approximately 5m. Short projected remaining safe life expectancy. 	<ul style="list-style-type: none"> Where practicable tree should be retained for ecological value and pruned in order to reduce risk to site users to acceptable level. 	<10	U	222	8.4
T8	Common Alder	13	610#	N E S W 6	6 6 6 5	4-N	M	M	<ul style="list-style-type: none"> Not inspected in detail due to dense ground vegetation. Crown showing signs of a minor reduction in vitality. 	<ul style="list-style-type: none"> Retain in context of proposed development. 	40+	A2	168	7.32
T9	Common Alder	15	550	N E S W 5	3 5 5 5	N/A	EM	D	<ul style="list-style-type: none"> Dead. 	<ul style="list-style-type: none"> Where practicable tree should be retained for ecological value and pruned in order to reduce risk to site users to acceptable level. 	<10	U	137	6.6
T10	Grey Willow	7	1x100 2x150 1x200 1x320 (ms)	N E S W 5	6 5 5 5	1-E	M	M	<ul style="list-style-type: none"> Multi-stemmed from ground level. Evidently coppice regrowth. 	<ul style="list-style-type: none"> Retain in context of proposed development. Coppice at ground level. 	10+	C1	89	5.33
T11	Ash	7	180	N E S W 4	0 4.5 4.5	N/A	Y	G	<ul style="list-style-type: none"> Growing below crown of neighbouring larger tree. Highly biased crown and moderately severe stem lean to south due to suppression. 	<ul style="list-style-type: none"> Retain in context of proposed development. 	10+	C1	15	2.16
T12	Ash	13	470	N E S W 5	5.5 5.5 5.5 5.5	4-SW	SM	M	<ul style="list-style-type: none"> Crown showing signs of a moderate reduction in vitality. 	<ul style="list-style-type: none"> Retain in context of proposed development. 	20+	B1/2	100	5.64
T13	Ash	9	580#	N E S W 2	3 5 5 2	4-E	EM	MD	<ul style="list-style-type: none"> Located on neighbouring land to opposite side of ditch. Not inspected in detail. Crown showing signs of a significant reduction in vitality. In decline with short projected remaining safe life expectancy. 	<ul style="list-style-type: none"> Protect in context of proposed development. Inform tree owners of condition. 	<10	U	152	6.96
T14	Ash	15	550#	N E S W 3	5 7.5 5 3	4-W	EM	M	<ul style="list-style-type: none"> Located on neighbouring land to opposite side of ditch. Not inspected in detail. 150mm diameter cavity to stem base that evidently opens into hollow. Significant stem lean to east. Short projected remaining safe life expectancy. 	<ul style="list-style-type: none"> Protect in context of proposed development. Inform tree owners of condition. 	<10	U	137	6.6

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T15	Ash	10	500#	N E S W 4.5 6.5 2.5 4.5	2.5-W 7	EM	MD	<ul style="list-style-type: none"> Located on neighbouring land to opposite side of ditch. Not inspected in detail. Crown showing signs of a significant reduction in vitality. In decline with short projected remaining safe life expectancy. 	<ul style="list-style-type: none"> Protect in context of proposed development. Inform tree owners of condition. 	<10	U	113	6
T16	Ash	13	720#	N E S W 8 8 8 8	4 4	M	M	<ul style="list-style-type: none"> Located on neighbouring land and therefore not inspected in detail. On opposite side of water filled ditch. Crown showing signs of a moderate reduction in vitality. 	<ul style="list-style-type: none"> Protect in context of proposed development. 	40+	A1/2	235	8.64
T17	Ash	10	200#	N E S W 3 4 3.5 2.5	2	Y	G	<ul style="list-style-type: none"> Located on neighbouring land and therefore not inspected in detail. On opposite side of water filled ditch. Growing below crown of neighbouring larger Oak, with subsequent suppression. 	<ul style="list-style-type: none"> Protect in context of proposed development. 	40+	C1	18	2.4
T18	Ash	16.5	700#	N E S W 7 7 7 7	6-N 5	M	D	<ul style="list-style-type: none"> In late stages of decline with short projected remaining safe life expectancy. 	<ul style="list-style-type: none"> Where practicable tree should be retained for ecological value and pruned in order to reduce risk to site users to acceptable level. 	<10	U	222	8.4
T19	Common Alder	9.5	580	N E S W 5 6 4 3.5	1.5-W 3.5	M	M	<ul style="list-style-type: none"> Crown showing signs of a moderate reduction in vitality. 	<ul style="list-style-type: none"> Implementation of development as proposed will necessitate tree's removal. 	20+	B1/2	152	6.96
T20	Whitebeam	10	250#	N E S W 3 1 3.5 3.5	2.5-S 2	SM	G	<ul style="list-style-type: none"> Located on neighbouring land and therefore not inspected in detail. Stem bifurcates into co-dominant primary branches at a height of approximately 4.5m. Growth partially suppressed by larger neighbouring tree in group. 	<ul style="list-style-type: none"> Protect in context of proposed development. 	20+	B1/2	29	3
T21	Ash	12.5	260	N E S W 3 3 4.5 4	2.5-E 4	Y	G	<ul style="list-style-type: none"> Severe stem curvature at a height of approximately 3m, evidently at point where previously topped. 	<ul style="list-style-type: none"> Retain in context of proposed development. 	10+	C1	31	3.12
T22	Common Alder	10.5	600	N E S W 5 6.5 6.5 5	3-S 4.5	EM	M	<ul style="list-style-type: none"> Stem bifurcates into primary branches at a height of approximately 2m. Crown showing signs of a minor reduction in vitality. 	<ul style="list-style-type: none"> Implementation of development as proposed will necessitate tree's removal. 	20+	B1/2	163	7.2

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T23	Grey Willow	9.5	6x400 (ms)#	N E S W	5 8 9 4	1-S 1	PM M	<ul style="list-style-type: none"> Main stem and number of sub-stems arise at ground level. Largest stems have partially failed at ground level. Short projected remaining safe life expectancy. 	<ul style="list-style-type: none"> Where practicable tree should be retained for ecological value and pruned in order to reduce risk to site users to acceptable level. 	<10	U	434	11.76
T24	Ash	12	520	N E S W	6 6 6 6	5-S 6	EM M/P	<ul style="list-style-type: none"> Dense ivy up stem. Evidently in in early stages of decline. Widespread adventitious growth to branches and widespread crown dieback. 	<ul style="list-style-type: none"> Where practicable tree should be retained for ecological value and pruned in order to reduce risk to site users to acceptable level. 	10+	C1	122	6.3
T25	Ash	10	350#	N E S W	4.5 4.5 4.5 4.5	4.5-S 4.5	SM M/G	<ul style="list-style-type: none"> Located on neighbouring land on opposite side of stream and therefore not inspected in detail. Dense ivy up stem. 	<ul style="list-style-type: none"> Protect in context of proposed development. 	40+	A1/2	55	4.2
T26	Ash	13.5	450#	N E S W	5.5 5.5 5.5 5.5	2.5 4	EM M/P	<ul style="list-style-type: none"> Located on neighbouring land on opposite side of water filled ditch. Not inspected in detail. Dense ivy up stem and into branches. Crown showing signs of a moderate reduction in vitality with widespread twig dieback. 	<ul style="list-style-type: none"> Protect in context of proposed development. Recommend tree owner to sever ivy. 	10+	C1	92	5.4
T27	Ash	12	600#	N E S W	7 7 7 7	3-S 4	M P	<ul style="list-style-type: none"> Located on neighbouring land on opposite side of water filled ditch. Not inspected in detail. Dense ivy up stem and into branches. Crown showing signs of a substantial reduction in vitality. 	<ul style="list-style-type: none"> Recommend tree owner to sever ivy. 	10+	C1	163	7.2
T28	Ash	13.5	320#	N E S W	3 2 4 3	5 4	SM G	<ul style="list-style-type: none"> Located on neighbouring land and therefore not inspected in detail. On opposite side of water filled ditch. 	<ul style="list-style-type: none"> Recommend tree owner to sever ivy. 	20+	B1	46	3.84
T29	English Elm	15.5	360#	N E S W	2 4 3 4.5	6-N 6	SM G	<ul style="list-style-type: none"> Located on neighbouring land and therefore not inspected in detail. 	<ul style="list-style-type: none"> Protect in context of proposed development. 	20+	B1	59	4.32
T30	Ash	11	230	N E S W	3 5 5 0	3-S 2	SM M	<ul style="list-style-type: none"> Highly biased crown and severe stem lean to south-east. Severe lower stem curvature. Crown showing signs of a minor reduction in vitality. 	<ul style="list-style-type: none"> Formation of access will necessitate tree's removal. 	10+	C1	24	2.76

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T31	Ash	7	140	N E S W 0 3 3 3	N/A 2	Y	M	<ul style="list-style-type: none"> Highly biased crown and severe stem lean to south. 1.5m long partially occluded stock damage wound up lower stem with no signs of progressive decay within. 	Formation of access will necessitate tree's removal.	10+	C1	9	1.68
T32	Ash	11	190	N E S W 3 3 2 2.5	3-SW 2	Y	G	<ul style="list-style-type: none"> Stem base abutted up to concrete path edge. Stem in contact with barbed wire and wooden rail fence. 	Formation of access will necessitate tree's removal.	20+	B1	16	2.28
T33	Ash	10	210	N E S W 2.5 3.5 2.5 2.5	3-E 3.5	Y	G	<ul style="list-style-type: none"> Stem base abutted up to concrete path edge. Moderately severe curvature to lower stem. 	Formation of access will necessitate tree's removal.	20+	B1	20	2.52
T34	Ash	9	210	N E S W 3 3.5 2.5 2.5	3 2	Y	G	<ul style="list-style-type: none"> Stem base abutted up to concrete kerb edge. 	Formation of access will necessitate tree's removal.	20+	B1	20	2.52
T35	Ash	12	1x260 1x220 1x190 (ms)	N E S W 5 5 5 6	3-SW 1.5	SM	G	<ul style="list-style-type: none"> Stem divides into multiple sub-stems at a height of approximately 0.7m, evidently at point where previously topped, with a partially included bark union, with wooden fence rails wedged between sub-stems. 	Formation of access will necessitate tree's removal.	10+	C1	69	4.68
G1	2no. Common Alder	≤ 11	≤ 450#	N E S W ≤ 5 ≤ 5.5 ≤ 5 ≤ 5	≥ 5-N ≥ 4	EM	M/P	<ul style="list-style-type: none"> Closely spaced group located on neighbouring land on opposite side of water filled ditch. Not inspected in detail. Crowns showing signs of a substantial reduction in vitality, with sparse foliage cover and extensive dieback. 	Protect in context of proposed development.	10+	C1	≤ 92	≤ 5.4
G2	2no. Common Alder	≤ 11	≤ 500	N E S W ≤ 4.5 ≤ 5 ≤ 5 ≤ 5	≥ 5-N ≥ 5.5	EM	M/P	<ul style="list-style-type: none"> Closely spaced group located in hedge. Crowns showing signs of a substantial reduction in vitality, with sparse foliage cover and extensive dieback. 	Implementation of development as proposed will necessitate trees' removal.	10+	C1	≤ 113	≤ 6
G3	approx. 5no. Ash	≤ 12	≤ 350#	N E S W ≤ 4 ≤ 4 ≤ 4 ≤ 4	≥ 1 ≥ 3	Y-SM	G	<ul style="list-style-type: none"> Loose group located on neighbouring land in hedge. Not inspected in detail. Several are multi-stemmed. 	Protect in context of proposed development.	40+	B1/2	≤ 55	≤ 4.2

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G4	1no. Elder, 1no. Hawthorn	≤ 7	≤ 6x80 (ms)	N E ≤ 1 S ≤ 3 W ≤ 2.5 ≤ 3	N/A ≥ 0.5	Y-M	M-G	<ul style="list-style-type: none"> Very closely spaced group growing below crown of T25. Hawthorn is young and Elder is mature. 	Formation of access will necessitate tree's removal.	10+	C1	≤ 17	≤ 2.35
G5	1no. Hawthorn, 1no. Sycamore, 1no. Ash	≤ 8	≤ 2x150 (ms)	N E ≤ 2 S ≤ 4 W ≤ 2 ≤ 2	N/A ≥ 0.5	Y-M	M/P-G	<ul style="list-style-type: none"> Very closely spaced group. Stems abutted to low stone walls. Ash is young with severe stem lean to east. 	Formation of access will necessitate tree's removal.	10+	C1	≤ 20	≤ 2.55
H1	Hawthorn, Elder, Blackthorn, Hazel	≤ 10	≤ 200	≤ 6 wide	N/A	PM	MD-G	<ul style="list-style-type: none"> Overgrown hedge with various small to large spaces between sections. Many plants are post-mature and in decline. Sections of hedge will require removal in order to implement development. 	<ul style="list-style-type: none"> Retain, as far as is practicable, in context of proposed development. Manage retained sections through laying and infill planting. 	10+	B2/3	N/A	2.4
H2	Blackthorn, Hawthorn, Elder	≤ 2	≤ 150	≤ 2 wide	N/A	EM	G	<ul style="list-style-type: none"> Maintained hedge. 	Retain in context of proposed development.	10+	C1/2	N/A	1.8
H3	Hazel, Hawthorn, Elder, Holly, Bird Cherry, Blackthorn, etc.	≤ 10	≤ 200	≤ 6 wide	N/A	M	G	<ul style="list-style-type: none"> Overgrown hedge 	Retain in context of proposed development.	10+	C1/2	N/A	2.4
H4	Blackthorn, Hawthorn	≤ 2	≤ 150	≤ 2 wide	N/A	EM	G	<ul style="list-style-type: none"> Maintained hedge. 	Retain in context of proposed development.	10+	C1/2	N/A	1.8
H5	Hawthorn	≤ 1.5	≤ 150	≤ 2 wide	N/A	EM	G	<ul style="list-style-type: none"> Maintained hedge. 	Implementation of development as proposed will necessitate hedge's removal.	10+	C1/2	N/A	1.8
H6	Hawthorn, Holly, Elder	≤ 1.5	≤ 150	≤ 2 wide	N/A	EM	G	<ul style="list-style-type: none"> Maintained hedge. 	Implementation of development as proposed will necessitate hedge's removal.	10+	C1/2	N/A	1.8
H7	Hawthorn, Holly, Ash, Hazel, Elder, Blackthorn	≤ 8	≤ 200	≤ 6 wide	N/A	EM	G	<ul style="list-style-type: none"> Maintained to eastern section and overgrown to western section. Several young Ash trees within western section. 	Retain in context of proposed development.	10+	C1/2	N/A	2.4
H8	Hawthorn, Elder	≤ 1.5	≤ 150	≤ 2 wide	N/A	M	G	<ul style="list-style-type: none"> Several short lengths of partially maintained hedge. 	Formation of access will necessitate tree's removal.	10+	C1/2	N/A	1.8