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TREE SURVEY SCHEDULE FOR ARBORICULTURAL CONSTRAINTS APPRAISAL

Site: Waddow View, Clitheroe Client: Huntroyde Estate

Surveyor: Phill Harris – Chartered Arboriculturist

Assessment Date: 08 April 2011

Job Reference: BTC196

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No.	Species	Height	Stem Diam.	Branch Spread	Height of C.C.	Age	PC	Comments on Condition, etc.	Management Recommendations	ERC	Cat. Grade	RPA (m ²)	RPA Radius (m)
T1	Ash (<i>Fraxinus excelsior</i>)	15.5	700 (ts)	N 6 E 4 S 4.5 W 6.5	3.5	EM	G	- Part of group with interconnecting crowns. - Stem bifurcates at a height of approximately 0.3m with a smaller diameter sub-stem to east with a partially included bark union.	Design proposal to allow tree's RPA to be protected with CEZ throughout development.	20-40	B1	153.96	7
T2	Robinia (<i>Robinia pseudoacacia</i>)	12.5	300	N 3 E 5 S 2 W 0	4	SM	M	- Part of group with interconnecting crowns. - Highly biased crown to east due to partial suppression by neighbouring tree(s).	Design proposal to allow tree's RPA to be protected with CEZ throughout development.	10-20	C1	40.72	3.60
T3	Norway Maple (<i>Acer platanoides</i>)	11	330	N 2 E 4.5 S 3 W 3	4	SM	G	- Part of group with interconnecting crowns. - Stem approx. 0.05m from steel fence and is therefore highly likely to cause structural displacement on incremental growth.	- Protect tree's RPA with CEZ throughout development. - Owner should monitor fence for displacement.	20-40	B1/2	49.27	3.96
T4	Ash	13	350 (ts)	N 3 E 0.5 S 3 W 4	4	SM	G	- Part of group with interconnecting crowns. - Stem bifurcates into co-dominant sub-stems at a height of approximately 0.4m with an included bark union. - Moderately biased crown to west due to partial suppression by neighbouring tree(s).	Design proposal to allow tree's RPA to be protected with CEZ throughout development.	10-20	C1	38.49	3.5
T5	Ash	13	260	N 2 E 2 S 3 W 5.5	4.5	SM	G	- Part of group with interconnecting crowns. - Slightly biased crown to west.	Design proposal to allow tree's RPA to be protected with CEZ throughout development.	>40	B1/2	30.59	3.12
T6	Ash	14	360	N 5 E 3 S 2.5 W 5	4.5	SM	G	- Part of group with interconnecting crowns. - Large partially occluded basal cavity with extensive decay within.	Inform tree owner of tree's condition	<10	R	58.64	4.32

HEADINGS & ABBREVIATIONS

No. Allocated Tree (T), Group (G), Woodland (W) or Hedge (H) reference number - refer to plan and to numbered tags where applicable

Species: Common and botanical name in brackets where appropriate

Height: In metres - where possible approximately 85% 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 - measured or estimated at a height of approximately 1.5 metres above ground level or just above the root flare for multi-stemmed trees. 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.

Height of crown clearance in metres - measured at lowest point above adjacent ground level - to inform on crown to height ratio, potential for shading, etc.

Age: 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

Comments on Condition, etc.: 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 BS5837:2005 (i.e. less than 10, 10-20, 20-40, more than 40)

Cat. Grade: Category Grading - tree retention value listed as R or A to G - broadly in line with BS5837:2005 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 to 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

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