

BS 5837: 2005 TREE SURVEY SCHEDULE

SITE:	SOUTH END OF GROUP 2 – GATEWEN ROAD SITE, WREXHAM
CLIENT:	BLOOR HOMES
BRIEF:	ARBORICULTURAL IMPACT ASSESSMENT

SURVEYOR:	A. HENDERSON
ASSESSMENT DATE:	05/07/2010
VIEWING CONDITIONS:	CLEAR
JOB REFERENCE:	10/AIA/WXM/37 (D)

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Ref T – Tree G – Group H- Hedge	Species	Age	Height (m)	Crown Spread (m)	D.B.H (mm)	Vitality	Comments	Management	BS 5837 Retention Category	BS5837 RPA Radius (m)
T1	Sycamore	FM	19 C- 3	N: 6 S: 7 E: 7 W: 2	950	G	- Large fully mature tree with ivy clad stem and canopy impeding inspection - Forks to 3 stems from 3m - Requires removal for engineering works to form raised soil verge to proposed cycleway - E.R.C 20+	Fell & replace with good quality specimen native tree (Oak or Ash)	B2	11.5 408m²
T2	Sycamore	FM	19 C- 4	N: 8 S: 7 E: 2 W: 3	890	M/G	- Deadwood in lower crown - Suppressed canopy from adj. trees – forms part of group of 5 with closed canopies 2 co-dominant stems from 2m - Ivy clad throughout & tip dieback - E.R.C 20	As T1	B2	10.5 358m²
T3	Sycamore	M	18 C- 3	N: 6 S: 7 E: 2 W: 2	720	M/G	- All as T2 - E.R.C 10	May require crown reduction to north & south to balance crown due to removal of T1 & 2	B2	7 152m²
T4	Sycamore	FM	18 C- 8	N: 6 S: 6 E: 2 W: 3	670	M/G	- As T3 - E.R.C 20	As T3	B2	8.5 235m²

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T5	Sycamore	FM	18 C- 5	N: 6 S: 6 E: 2 W: 3	700	M/G	- As T3 - E.R.C 20	As T3	B2	8.5 235m²
T6	Ash	EM	15 C- 2	N: 7 S: 2 E: 7 W: 2	300 Largest stem	M/P	3 stems from base due to past coppice - Large hangers in canopy - Top missing to west - Ivy clad stem and canopy - Excessive end loading on asymmetric crown - E.R.C 10	Re-coppice & allow new health stems to form or plant replacement native trees	C2	3.5 41m²
T7	Hazel	M	6 C- 1	N: 2 S: 2 E: 4 W: 5	200 (multi)	M	- Mass multi stem from past coppice - E.R.C 10	Re-coppice & allow new healthy stems to grow to form good thick understory	C2	2.5 18m²
T8	Ash	M	17 C- 2	N: 5 S: 5 E: 6 W: 6	300 (largest Stem)	M/P	5 Ivy clad stems from old coppice stool - Asymmetric canopy due to suppression - E.R.C 10	As T6	C2	3.5 41m²
T9	Ash	M	19 C- 1	N: 7 S: 6 E: 7 W: 6	450 (largest Stem)	M	4 Ivy clad stems from old coppice stool - Asymmetric canopy due to suppression - End loading - E.R.C 10	As T6	B2	5.5 92m²

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T10	Sycamore	M	18 C- 1	N: 2 S: 5 E: 6 W: 4	500 (largest Stem)	M/P	- Entire tree Ivy clad - Top missing to west - Fused limbs - Poor quality tree that requires to be re-coppiced - E.R.C 10	• As T6	C2	6 113m²
T11	Sycamore	M	19 C- 2	N: 5 S: 4 E: 7 W: 6	450 (largest Stem)	M	5 stems from past coppice - Large Ivy clad tree - E.R.C 20	• As T6	B2	5.5 92m²
T12	Sycamore	M	19 C- 1	N: 7 S: 2 E: 7 W: 6	600 (largest Stem)	M	5 stems from past coppice - Ivy clad - Rising main excavation at base - E.R.C 20	• Fell for excavation required for installation of Rising Main – see plan	B2	7 163m²
T13	Sycamore	M	18 C- 1	N: 4 S: 1 E: 6 W: 6	390	M	3 stems from past coppice - Ivy clad - Located at top of embankment - E.R.C 10	• N/A	C2	5 69m²

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T14	Sycamore	M	18 C- 2	N: 5 S: 4 E: 5.5 W: 6	400 (largest Stem)	M	6 stems from past coppice - Included stem unions to east - E.R.C 10	Re-coppice	C2	5 72m²
T15	Sycamore	M	16 C- 1	N: 4 S: 1 E: 6 W: 6	390 (largest Stem)	M	3 stems from past coppice - Ivy clad - Located at top of embankment - E.R.C 10	N/A	C2	4.5 69m²

HEADINGS & ABBREVIATIONS

TREE NO.

AGE RANGE:

DBH:

CROWN SPREAD:

VITALITY:

BS 5837 RETENTION CATEGORY:

BS 5837 RPA RADIUS:

E.R.C.

REFERENCE NUMBER. REFER TO PLAN OR NUMBERED TAGS WHERE APPLICABLE

Y = YOUNG, SM = SEMI MATURE, EM = EARLY MATURE, M = MATURE, FM = FULLY MATURE, PM = POST MATURE

STEM DIAMETER – MEASURED AT 1.5 METRES

MEASURED DIAMETER OF CROWN AT 4 CARDINAL COMPASS POINTS

A MEASURE OF PHYSIOLOGICAL CONDITION. D = DEAD, MD = MORIBUND, P = POOR, M = MODERATE, G = GOOD

RETENTION VALUE BASED ON TABLE 1 BS 5837 (2005)

RADIUS FROM STEM TO THE LINE OF THE TREE PROTECTION AS SET OUT IN TABLE 2 OF THE STANDARD

ESTIMATED REMAINING CONTRIBUTION (YEARS)