

Site:	Ruabon Road Development
Client:	DSJ Architectural Consultants
Brief:	To carry out and Arboricultural Impact Assessment (Phase 1 - Design) at the above site

Surveyor	Dan Hinde/ C.Hocknell		
Assessment Date	01/07/2010 - reassessed Feb-11		
Viewing Conditions:	Good		
Job Ref:	N/A		

Tree Postion	Species (Common Name)	Age Range	Height (m)	Crown Clearance (m)	Radial Crown Spread				Stem/ Multistem diameter (mm)	Vitality	Comments/ Structural Morphology	Estimated Remaining Contribution in years	Preliminary Management	Recommendations	Category Grading BS5837	BS5837 RPA (m2)
					N	E	S	W								
TP1	Beech	Y	2.5m	0m	1.5	1.5	1.5	1.5	80mm	G	Very Poor	<10	Top has snapped out at some point.	Either attempt to utilise as part of hedge or remove	C3	2.9
TP2	Sycamore	Y	2.5m	0m	0.75	0.75	0.75	0.75	100mm	G	Poor	<10	Top has been seriously pruned for telephone lines, leaving specimen of little value.	Remove.	C3	4.5
TP3	Beech (3No)	SM	10m	2m	2.5	4.3	4	4.5	180 each	G	Poor	<10	May have been part of hedge previously, but now grown out. At some point they have been 'topped'.	Remove and replant with beech to recreate hedging along roadside.	C3	14.7
TP4	Beech	Y	4m	0	1.5	0	1.5	2	50mm	G	Very Poor	<10	If re-hedged contribution would be extended, but if left with current structure contribution could be compromised.	Re-hedge or remove.	C3	1.1
TP5	Sycamore	SM	12m	0	3	4.5	3	4.5	650 at base	G	Good	10-20.	Multistemmed with sound union.	Retain, crown raise, remove ivy**, crown clean*	B1	132.7
TP6	Ash (3No)	Y	6-10m	2m	1	0	1	2	100mm	F	Poor	<10	Struggling under canopy of larger stronger Sycamore.	Remove	C3	4.5
TP7	Beech	Y	6m	0	1	1.5	1.5	0	60mm	G	Good	<10	Poorly positioned. Will struggle to become a worthwhile tree as under large Sycamore canopy	Re-hedge or remove.	C3	1.6
TP8	Sycamore	M	15m	1.5m	4	8	3	6	610	G	Good	20-40	Showing some epicomic growth at base.	Retain, crown raise to 3-4m including removal of one large low branching limb, remove ivy, crown clean*	B1	168.4
TP9	Beech	Y	6m	0	0	1	0.5	1	70mm	G	Good	<10	Poorly positioned. Will struggle to become a worthwhile tree as under large Sycamore canopy	Re-hedge or remove.	C3	2.2
TP10	Hawthorn (2No)	Y	7m	0	0.75	0.75	0.75	0.75	Coppiced (50mm each)approx 10 stems	G	Poor	<10	Poor specimen as tree, but will hedge well and possible remaining contribution may be increased.	Remove for entrance to site.	C3	0.3

TP11	Sycamore	M	17m	0	7	4	8	4	640	F	Fair	20-40	Specimen showing slight signs of stress including small leaf growth. Ash tree growing out at base,	This tree requires removal for entrance.	C2	185.3
TP12	Hawthorn	M	6m	0	2.5	2.5	2.5	2.5	Coppiced (10mm each) Approx 8 stems	G	Poor	<10	Poor specimen as tree, but will hedge well and possible remaining contribution may be increased.	Remove for entrance to site.	C3	0.3
TP13	Hawthorn	M	10m	0	2	2	2	2	Coppiced (10mm each) Approx 8 stems	G	Poor	<10	Poor specimen as tree, but will hedge well and possible remaining contribution may be increased.	Remove for entrance to site.	C3	0,3
TP14	Elm	SM	11m	2.5m	2.5	4.5	2.5	4.5	180mm	G	Fair	10.-20	Although structure is suitable within a group, where reductions/removals are carried out around specimen its leggy stem may become a problem.	If retaining, reduce to encourage denser growth or remove.	C3	14.7
TP15	Hawthorn	M	10m	0	2	2	2	2	Coppiced (10mm each) approx 10 stems	G	Poor	<10	Poor specimen as tree, but will hedge well and possible remaining contribution may be increased.	Re-hedge or remove.	C3	0.3
TP16	Sycamore	SM	8m	4m	1.5	1.5	1.5	1.5	100mm	G	Very Poor	<10	Poor structure	Remove	R	4.5
TP17	Sycamore	M	13m	3.5m	5	6	5	6	430	F	Fair	10.-20.	Slight signs of stress in small leaf growth, though single stemmed at base breaks into multistemmed. Also, growth has engulfed wire fencing.	Retain, crown clean*, remove ivy and monitor.	B1	83.7
TP18	Elm	Y	10m	0	1.5	1.5	1.5	1.5	100mm	G	Good	<10	Positioned under canopy of large sycamore it will struggling for light, space and nutrients, side branches now snapped.	Remove.	C3	4.5
TP19	Sycamore	Y	8m	0	1.5	1.5	1.5	1.5	100mm	G	Good	<10	Positioned under canopy of large sycamore it will struggling for light, space and nutrients	Remove.	C3	2.9
TP20	Elm	Y	8m	0	2.5	2.5	2.5	2.5	120mm	G	Good	<10	Positioned under canopy of large sycamore it will struggling for light, space and nutrients	Remove.	C3	6.5
TP21	Elm	Y	9m	0	3	3	3	3	130mm	F	Fair	<10	Fence engulfed in stem growth	Remove.	C3	7.6
TP22	Ash	SM	13m	3m	6	6	6	6	350 at base	G	Poor	<10	Poor multistemmed structure to be close to highway., now been hit by something and cracked out at base.	Remove.	R	38.5

TP23	Sycamore	M	18m	4m	6	6	6	6	650mm	G	Good	10.-20.		Retain, crown clean*, remove ivy** and monitor.	B1	191.2
TP24	Hawthorn	M	5m	0	5	5	5	5	Coppiced (10mm each) approx 10 stems	G	Poor	<10	Poor specimen as tree, but will hedge well and possible remaining contribution may be increased.	Re-hedge or remove.	C1	0.3
TP25	Hawthorn	M	5m	0	1	1	1	1	100mm	P	Poor	<10	Poor specimen as tree, but will hedge well and possible remaining contribution may be increased.	Re-hedge or remove.	C1	2.9
TP26	Sycamore	M	18m	2m	3	5	3	5	300mm	G	Fair	10.-20.	Twin stemmed.	Retain, crown raise above street light, crown clean* and remove ivy**.	B1	40.7
TP27	Ash	SM	18m	2m	2.5	2.5	2.5	2.5	250mm x3	P	Poor	<10	Multistemmed with one dead, covered in Ivy.	Remove.	R	58.9
TP28	Ash	M	20m	5m	7	7	7	7	500mm	G	Good	10.-20.		Crown clean*, remove ivy** & reduce weight over road	C1	113.1
TP29	Stags Horn	SM	4m	0	3	3	3	3	150mm x 5	G	Good	10.-20.	Multistemmed	Retain	B3	35.3
TP29A	Mixed Hedge (Elm, Ash, Hawthorn, Elder)	M	2m	0	0.5	0.5	0.5	0.5	n/a	G	Good	10.-20.		Retain and maintain as hedging.	C2	
TP30	Ash	M	22m	11m	6	6	6	6	500mm at base	G	Fair/Poor	10.-20.	Engulfing wire fence in stem, this is a leggy specimen situated over a culvert which will be damaged if the tree is allowed to continue	Remove.	R	78.6
TP31	Hawthorn	M	15m	3m	2.5	2.5	2.5	2.5	200mm	G	Fair	<10		Retain, crown clean*.	C1	18.1

TP32	Oak	M	17m	8m	4.5	4.5	4.5	4.5	380mm	G	Good	10.-20.	Healthy tree being leant on by fallen specimens in woodland area behind.	Retain, Crown clean*, Ivy removal**, Remove fallen specimens leaning on Oak.	B1	65.3
TP33	Alder	M	15m	0	7	7	7	7	450mm	G	Fair	10.-20.	Tree has been 'topped' at some point, but is still a good specimen. Structurally will not affect development, but may cause some evening shade.	Retain.	B1	91.6
TP34	Hazel	SM	7m	0	4	4	4	4	260mm	G	Good	10.-20.	Root plate levels have been modified by ground works. However, will stand such works.	Retain, crown clean*.	B1	21.2
TP35	Ash	M	16m	0	10	10	10	10	Multistemmed 12No x 200mm	F	Poor	10.-20.	Tree showing obvious signs of stress (sparse leafing etc) most likely due to root plate being compromised by ground level change and compaction by previous ground works. Degrading and damage encouraging rot. Therefore unlikely that current height will be continually supported by root plate.	Remove or coppice to ground level.	R	125.7
TP36	Sycamore	M	14m	0	8	8	8	8	8 x 150	F	Fair/Poor	<10	Showing signs of stress (Leaf curl, small leaf growth, sparse canopy) with a weak multistemmed base, same issues with root plate as TP35 Ash.	Remove.	R	56.6
TP37	Woodland Area	M	upto 12m	0				Various	n/a	F	fair	10.-20.	Updated viewing of woodland shows further windblown trees, this needs to be addressed with regard to safety of all trees within the area and the future of this area as a woodland habitat.	Some replanting, felling, thinning, ivy removal and deadwooding required.	B2	n/a
*Crown clean = remove dead wood, split & crossing branches																
**On removal of Ivy further investigation of health and structure is possible and where necessary recommendations should be reviewed.																