KTML Survey data sheet.

Site: St Edward the Confessor Church, Netley																Surveyor: Sarah Kiss, Kiss Tree Management Limited		Survey date: 4thApr &21 Apr 2012
Client	Peter Hoadley				Age class: S=sapling, Y=first 1/4 of life expectancy, Mi=middle aged - second quarter of life expectancy, Ma=Mature - Third 1/4 of life expectancy, OM=final 1/4 of life expectancy,V=Veteran - beyond normal life expectancy & displaying certain characteristics. Based on life expectancy for species.										Condition key: D= Dead or unstable, P=poor, F=Fair, G=Good, E=Excellent		
Reference: proposed extension to existing property																		
Tree no	Species	Ht (m)	Dia mms(@1.5)	RPA radius in m*	Crown Spread N,	E,	S,	W	Canopy Height N	E	S	W	Age Class	Retention class - see key	Remaining life contribution	Physiological condition	Structural condition	Preliminary Management Recommendations
T1	Sycamore* 1 x 540, 1 x 400	14	688	8.26	2	3	6	2	8	8	8	8	Mi	C1,2	40+	Fair:larger stem forks at 2m	Fair: etoliated	Remove basal suckers, prune away from building to clear 3m
T2	Sycamore	14	260	3.12	1	2	4	2	9	9	9	9	Y	R	20-40	Fair	Fair: etoliated	
T3	Sycamore	13	670	8.04	3	5	8	3	7	7	7	7	Mi	C1,2	40+	Fair	Poor: fork union showing reaction growth indicating lack of fusion between stems & ongoing movement.	
T4	Ash	15	420	5.04	4	6	6.5	6	5	5	5	5	Mi	C1,2	40+	Fair	Fair. Forlk at 2.2m shows some included bark	
T5	Holly* 2 x 120	4	169	2.03	1.5	1.5	1.5	1.5	0	0	0	0	Y	C1,2	20-40	Fair	Fair: previsouly reduced to c. 1.2m	
T6	Hawthorn	4	100	1.20	0	0.5	1	2	1	1	1	1	Y	C1,2	Oct-20	Fair. Undergrowing T7	Fair	
T7	Sycamore	11	250	3.00	1	3	4	4	1.5	1.5	1.5	1.5	Mi	C1,2	40+	Fair	Fair: three way fork from 1.2m	
G8	Group of similar age 2 x Sycamore, 1 x	10	200	2.40	2	3	6	3	3.5	3.5	3.5	3.5	Y	C1,2	20-40	Fair	Fair: single straight stem	
T9	Beech ☼	23	1690	15.00	12	10	12	8	2.5	4	6	6	V	A1,2,3	40+	Good. Full canopy with no visible dieback from tips, good extention growth and bud density, starting to flush. Old pruning wounds have total or partial occlusion with evident decay behind & some hollowing.	Fair: characterisitcs of veteran tree in evidence -rot holes, internal cavities, deadwood stubs: no visible signs to indicate structure is compromised and soundings indicate better than espected residual wall at base, even near cavity. Probing incicates decay extends c.20cm down & 30cm radially.	Ivy has been carefully removed - continue with this to enable full visual assessment. Valuable veteran tree in appropriate setting.
T10	Blue Cedar	8	350	4.20	3	3	3	3	0.5	0.5	1	0.5	Y	C1,2	40+	Good	Good	Remove one lower limb extgending to East to pre-empt need to clear access.
T11	Group of one small english oak & shrub	4	110	1.32	1.5	1.5	1.5	1.5	0	0	0	0	Y	B1,2	20-40	Fair	Fair	Consider removing oak to location further from building.
T12	Bay 7x220 +	4	300	3.60	2.5	2	3	2	0	0	0	0	Mi	R	10-20	Fair	Fair. Has been pruned to miantain height at several points and the RPA has been adjusted to reflect this.	Remove due to proximity to building
Note: The root protection zone suggested by BS5837 is twelve times the stem diameter measured radially from the centre of the stem. The RPA is capped at 15.0m, indicated by ☼.																		
Note: Minor deadwood is taken as less than 50mm in diameter. Major deadwood is taken as 50mm or more in diameter.																		
* Denotes a multiple stem tree where the stem diameter is calculated as the √(sum of the dia² of each stem for trees with 1-5 stems), or the √ (average dia² of each stem x no of stems) for trees with > 5 stems. Numbers following speceis are stem diameters for 2-5 stem trees																		