Surgery/Pruning List - Gatewick House with no TPO

Tree Tag Number	Species	Statistics	Bernie Haverson Arboriculturist's Health report	Hockley and Dawson Structural Surveyor's Report/Recommendation	Planned works	Photo
33	**Common Ash** *Fraxinus excelsior*	Age — M Diameter — 450mm & 350mm Height — 16m Grade — B Est. Life Expectancy - 30-40 years	Bifurcated trunk at 0.5m with significant area of included bark 0.5m up the trunk. Deadwood throughout the crown and pigeon browsing damage noted. Branches touching roof and gutters on west side.	"There are a number of trees adjacent to the garages/barns which are immediate adjacent and in contact with the relatively fragile structures. As a minimum there should be a 2 m exclusion zone around the buildings and ideally the trees moved or reduced to give 5 m clear."	**Crown reduction by 20% to counter basal defect, to lift branches touching roof and gutters and to reduce long term risk to adjacent building**	 *Approx. pruning in red. Inclusion marked in green.*

37	**Red horse chestnut** Aesculus x carnea	Age — M Diameter — 550mm Height — 4m Grade — D Est. Life Expectancy - <10 years	The basal area was 'sounded' and produced irregular sound resonance that would indicate internal decay. Bark has generally died and deaminated. Woodworm holes visible in exposed sapwood. Stunted by crown failure at 4m agl. Only three low laterals remain alive to the south side. Long attenuated limbs which are unsafe and prone to failure.	N/A	**Remove the attenuated limbs and leave as a 'Habitat tree for wildlife'.**	 *Damage self evident. Side limbs would be removed/cut back to 1m off main stem*
84	**Broad Leaf Lime** Tilia Platyphyllos	Age — SM Diameter — 470mm Height — 14m Grade — A Est. Life Expectancy	Trunk is bifurcated at 3m agl. Crown has low branching habit. Group of neighbouring trees	N/A	**Simple but carefully prune back branches from the power cables for**	

		- >40 years	interferes with its full development.		**safety reasons.**	
Group 11	Multi stemmed clump of **Sycamore**	Age – M Diameter – 750mm + 400mm + 200mm + 20mm Height – 10m Grade – C Est. Life Expectancy - 10 -20 years	The basal area of the largest tree is undermined by a large open cavity and fungal decay. Acute lean of all trees to north side towards Orchard and crown weighted to the north side	N/A	**To leave the largest tree as a 3m deadwood stump for wildlife.** **To remove all smaller shoots and immature side shoots/self-sown saplings on bank**	 *Large basal cavity circled in red. Lean of tree obvious.*

Group 15	Myrobalan Plum English Yew Hawthorn Holly Sycamore (saplings)	Age — SM Diameter — av l20mm x 3 Height —4 to 6m Grade — B Est. Life Expectancy - 30-40 years	Trunks are smothered by ivy. Linear belt of trees	N/A	**To return to a hedge by layering existing trees and adding more hawthorn and introducing some hazel, field maple and hornbeam to thicken the hedge as a wildlife habitat**	 *Line of outgrown hedge marked. Two large trees at either end for scale and which would not be touched*
Group 22	Hollies	Age — EM Diameter — 2l0mm & l80mm Height — 14m Grade — C Est. Life Expectancy - 20-30 years	Bifurcated trunk agl/ Crown suppressed and swamped by the adjacent Sycamore and Lime.	N/A		