Tree Removal and Replacements – Gatewick House. Trees with TPO

Number	Species	Statistics	Bernie Harveson Arboricuturalist Report	Planned Replacement	Hockley and Dawson Structural Surveyor's Report/Recommendation	Photo
5	**Common Ash** *Fraxinus excelsior* **TPO 0391/T53**	Age — EM Diameter — 780mm Height — 20m Grade — C Est. Life Expectancy - 20-30 years	Roots and trunk in direct contact with flint wall and causing cracking damage. Previously heavily topped out and crown comprised of regrowth. Dominates over adjacent Tulip Tree and Purple Beech which are the better trees for the future. Pigeon browsing damage noted throughout crown. Deadwood	Given the size of the tree I would like to replace with other significant trees and would plant **1 x Japanese Zelkova and 1 x Chestnut Oak** Away from the wall but in the immediate vicinity	"Significant cracking and distress is evident in the masonry as a result of the tree and its root action. This distress will progress to eventual failure of the wall in due course unless some remedial measures are taken."	

			throughout and has a low branching habit. Animal burrowing activity beneath bole on north side. Significant buttressing at ground level.			
54	**Norway Maple Acer** platanoides **TP0 0391/T1**	Age — SM Diameter — 290mm Height — 10m Grade — D Est. Life Expectancy - <l0 years	Single stemmed trunk. Crown has been heavily topped out. Dieback at old pruning points. Extensive Squirrel browsing damage throughout. Suppressed by others around it. Low crown density and	**1 x acer campestre** and **1x hornbeam** in the adjacent field away from wall	"Significant cracking and distress is evident in the masonry as a result of the tree and its root action. This distress will progress to eventual failure of the wall in due course unless some remedial measures are taken."	

			vigour and vitality.			 photo shows tree totally overshadowed and dominated by the adjacent lime and the poor previous pruning.
55	**Common Ash** *Fraxinus excelsior* **TPO 0391/T2**	Age — M Diameter — 480mm Height — 22m Grade — C Est. Life Expectancy - 10-20 years	Multi stemmed at 3m agl. Crown suppressed to south side by dominant Maple. Pigeon browsing damage noted throughout crown. Some dieback noted which may be the start of ADD. Deadwood throughout.	**1 x silver maple acer saccharinum** in field with sufficient space to mature	N/A	

89	**Common Ash** *Fraxinus excelsior* **TPO 0391/G1**	Age — M Diameter — 570mm Height — 28m Grade — D Est. Life Expectancy - <10 years	Single stemmed trunk. Crown has significant dieback due to ADD infection. Removal advised for sanitation reasons and to try to protect other ash	**1 x acer freemanii in field** with sufficient space to mature	N/A	

99	**Horse Chestnut** Aesculus hippocastanum **TPO 0391/T41**	Age — M Diameter —1100 mm & 950mm Height — 25m Grade — C Est. Life Expectancy <10 years years	Black bacterial weep from various points around the lower trunk indicative of Bleeding Chestnut Canker (Pseudomonas syringae). White fungal fruiting bodies from fungus *Ganoderma resinaceum* now on 3 sides of trunk. The basal area was 'sounded' and produced irregular sound resonances which would further indicate internal hollowing or decay. Patches of dead bark are also	Given the significance and stature, I would replace with three similar park land trees in this area: **1 x cedar of Lebanon** **1 x cut leaf plane tree** **1 x disease resistant elm**	N/A	

			delaminating and peeling off. Significant dieback in upper reaches of crown. Low crown density and small leaf size.			

Group 27	**Sycamore x 3** *Acer pseudoplatanus* **TPO 0391/G2**	Age — Y to EM Diameter — av 200mm Height — 5 to 12m Grade — D Est. Life Expectancy - <10 years	Contorted trunks. Crown suppressed and totally dominated by others around them. Poor quality trees and impinging on veteran beech and plane	**1 x acer freeman** **1 x acer campestre** **1x Austrian Pine**	N/A	 *The three sycamores marked in red, overshadowed by the veteran plane tree*