

Tree species		Life stage		Overall condition:	
				Structural - Fair	Physiological - Fair
Oak		Early mature		Structural - Fair	Physiological - Fair
Height (m)	Stem dia. (mm)	Crown spread (m)			
19	550 x 2 @ 1.3m	North - 8.5	East - 5	South - 6	West - 5.5
Most likely failure		Target range	Size	Probability of failure	Risk of harm
Stem base		2	P	5	1 in 300k
Dead wood		4	4	3	< 1 in 1M
Root area					
The tree stands in an open border with shrubs & plants. There is paving on the north side & beyond fences there are neighbouring lawns on the south & east sides					
Base					
Possible very old fire damage has caused a cavity at ground level 100 - 200mm deep & approx. 400mm wide. There is good, recent reaction growth all around this cavity. This injury extends up the stem base to approx. 900mm, semi occluded exposed wood 250mm wide without apparent decay. Good reaction wood either side					
Stem					
No visible defects. Stem divides into two at <1m. Fair to good union, no visible defects. Both stems show recent secondary thickening. There are epicormic shoots up the stems and several pruning wounds to 150mm dia., mostly occluded. Very minor exudates from two of these.					
Crown - branches					
No visible defects. Several old pruning wounds leaving small stubs to 100mm dia. Crown bias north & east. Good branch unions. Small diameter dead wood in the crown. The tree overhangs two neighbouring gardens.					
Crown - leaves					
Good size, shape & colour. No bare patches					
Comments & recommendations					
These were possibly two trees planted together in one pit along what was an historical agricultural field boundary. The tree is very prominent and can be seen from properties and public roads on three sides. It is recommended that dead wood of 30mm dia. & greater be removed from the crown and that the height & upper lateral branches be reduced by 1 - 1.5m maximum. These works, if done carefully and to British Standard 3998:2010 Tree work - Recommendations, will decrease pressure on the crown, further diminishing the possibility of any failure in high winds, rain or snow. It is recommended these works be completed within 9 months of receipt of this report					