Preliminary BS5837 Arboric Canopy Radius (m)											cultural Assessment - This should not be referred to as a specification of Arboricultural Works					
TAG No.	Species	Age	Height (m)	Underside of Canopy (m)	Ht FSB (m)	North	anopy H tino S	, adius ( East E	West (3	Vitality	Safe Life	Category	Diameter @ 1.5m (mm)	No. Stems	Observations / Comments	Recommendations
Γ1	London Plane	ОМ	22	9		4.5	12.5	12	12	Fair	10+	C3	1230	1	Located next to neighbouring building & brick built boundary wall - Direct damage visible. Adaptive growth suggests decay present – Confirmed by Tomography. Significant decay visible within the upper stem. Ivy has started to develop on the main stem. Significant quantities of small deadwood can be seen in the outer canopy. Unbalanced crown shape due to the management and local growing conditions. Elongated branches visible within the canopy which have High-end loading and are predisposed to failure. High lifted canopy has left wounding on the stem & affected the centre of gravity. Canopy has been reduced (topped) historically & redeveloped with multiple attachments. Wounding on branches suggests that the tree is affected with Massaria (Splanchnonema platani) indicating branches predisposed to collapse.	Establish a replacement tree in a more appropriate location. In the short term remove large deadwood. Formative pruning to improve main branch architecture and to provide clearance of nearby

## BS5837:2012 Cascade chart for tree quality assessment

Category & Definition	Criteria (including subcategories	Identification on pla							
Trees unsuitable for reter	ntion			•					
Category U									
<ul> <li>hose in such a condition nat they cannot realistically e retained as living trees in econtext of the current and use for longer than 0 years</li> <li>• Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning)</li> <li>• Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline</li> <li>• Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality</li> <li>NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve</li> </ul>									
Trees to be considered for	or retention								
	1. Mainly arboricultural qualities	2. Mainly landscape qualities	3. Mainly cultural values, including conservation						
Category A									
<b>Trees of high quality</b> with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	Light Green RG					
Category B									
<b>Trees of moderate quality</b> with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	Trees with material conservation or other cultural value	Mid blue RGB					
Category C									
<b>Trees of low quality</b> with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value	Grey RGB					

