



BARNSLEY

Metropolitan Borough Council

Wombwell Cemetery Tree Survey - March 2009

Contents:

Tab - 1 to 8	Details of the 8 trees surveyed within the redevelopment area of the Crematorium
Tab - Photos	A series of photographs of the various defects noted on individual trees.
Tab - Boundary	Condensed plan showing the surveyed area. All trees within the RED boundary have been surveyed.
Tab - Postions	Postions of each tree surveyed.
Tab - Aerial View	Aerial photo of the surveyed area (taken from Google Earth)
Glossary	Glossary of terms.

Wombwell Cemetery Tree Survey - Mar 2009

Surveyor	Andie Nixon
Survey Date	13th March 2009
Tree ID No.	001
General Position Details	On the grass plot in front of the Northern-most chapel - on the east side of the building. On the top of a slight banking.
Site Type	Cemetery
Authority Protected ?	No
Site Owner	BMBC Bereavement Services
Tree Species	<i>Aesculus x carnea - Red Horse Chestnut</i>
Age Class	Mature
Height (mts)	9.30
Diameter (mts)	0.49
Canopy Spread (mts)	North 4.10 East 4.70 South 4.60 West 4.20
Comments on Tree Form	Form is typical of this species, with cankers throughout the tree.
Defects : Roots	Some surface roots are visible at the top of the banking.
Defects : Trunk	Several areas of callousing are present on the whole of the trunk. See photo T001 - Trunk.
Defects : Scaffolds	There are several large callouses on the major limbs.
Defects : Crown	The crown has several areas of canker. See photo T001 - Crown.
Obstructions to Growth	Nearby hard surfaces, tarmac and kerb edging.
Obstruction By Tree	Several branches in the lower crown are touching the building
Defect / Problem Control	None required att his time. However, some formative pruning may be required to stop some branches rubbing on the building in the near future.
Estimated Cost of Control	Not requested at this time.

Wombwell Cemetery Tree Survey - Mar 2009

Surveyor	Andie Nixon								
Survey Date	13th March 2009								
Tree ID No.	002								
General Position Details	Adjacent to Tree 001. Near the front entrance of the chapel. Situated on the edge of a grassed bank and the access-driveway to the chapel.								
Site Type	Cemetery								
Authority Protected ?	No								
Site Owner	BMBC Bereavement Services								
Tree Species	<i>Sorbu aucuparia</i> - Rowan								
Age Class	Mature								
Height (mts)	8.20								
Diameter (mts)	0.26								
Canopy Spread (mts)	<table style="display: inline-table; border: none;"> <tr> <td style="border: 1px solid black; padding: 2px;">North</td> <td style="border: 1px solid black; padding: 2px;">3.60</td> <td style="border: 1px solid black; padding: 2px;">East</td> <td style="border: 1px solid black; padding: 2px;">3.40</td> <td style="border: 1px solid black; padding: 2px;">South</td> <td style="border: 1px solid black; padding: 2px;">2.90</td> <td style="border: 1px solid black; padding: 2px;">West</td> <td style="border: 1px solid black; padding: 2px;">2.20</td> </tr> </table>	North	3.60	East	3.40	South	2.90	West	2.20
North	3.60	East	3.40	South	2.90	West	2.20		
Comments on Tree Form	Form is typical for this species, with no major defects noted at this time.								
Defects : Roots	None noted, however several are very near or on the surface of the grass. See photo T002 - Root								
Defects : Trunk	Small amount of damage to the bark on the east side of the trunk. See photo T002 - Trunk								
Defects : Scaffolds	None								
Defects : Crown	None								
Obstructions to Growth	Close to the access-driveway.								
Obstruction By Tree	None								
Defect / Problem Control	Monitor the damage to the trunk for further development of the scar.								
Estimated Cost of Control	Not requested at this time.								

Wombwell Cemetery Tree Survey - Mar 2009

Surveyor	Andie Nixon
Survey Date	13th March 2009
Tree ID No.	003
General Position Details	In the grassed area to the west of the driveway, where the drive forks to the chapel.
Site Type	Cemetery
Authority Protected ?	No
Site Owner	BMBC Bereavement Services
Tree Species	<i>Ulmus glabra</i> - Wych Elm
Age Class	Mature
Height (mts)	12.20
Diameter (mts)	0.62
Canopy Spread (mts)	North 4.00 East 7.10 South 6.10 West 5.60
Comments on Tree Form	Form is typical for this species, with no major defects noted at this time.
Defects : Roots	None
Defects : Trunk	None
Defects : Scaffolds	None
Defects : Crown	None
Obstructions to Growth	Close to several gravestones
Obstruction By Tree	The tree appears to be disturbing the nearby gravestones.
Defect / Problem Control	None required at this time.
Estimated Cost of Control	Not requested at this time.

Wombwell Cemetery Tree Survey - Mar 2009

Surveyor	Andie Nixon
Survey Date	13th March 2009
Tree ID No.	004
General Position Details	In the grassed area, adjacent to the rear fence of no. 30 Cemetery Road
Site Type	Cemetery
Authority Protected ?	No
Site Owner	BMBC Bereavement Services
Tree Species	<i>Ilex aquifolium</i> - Common Holly
Age Class	Mature
Height (mts)	7.10
Diameter (mts)	0.24
Canopy Spread (mts)	North 2.30 East 2.50 South 2.00 West 4.50
Comments on Tree Form	Form is typical for this species, with no major defects noted at this time. Trunk divides at 1.0 metres.
Defects : Roots	None
Defects : Trunk	None
Defects : Scaffolds	None
Defects : Crown	None
Obstructions to Growth	Nearby driveway and path.
Obstruction By Tree	None
Defect / Problem Control	None required at this time.
Estimated Cost of Control	Not requested at this time.

Wombwell Cemetery Tree Survey - Mar 2009

Surveyor	Andie Nixon
Survey Date	13th March 2009
Tree ID No.	005
General Position Details	In the grassed area, adjacent to the rear fence of no. 30 Cemetery Road
Site Type	Cemetery
Authority Protected ?	No
Site Owner	BMBC Bereavement Services
Tree Species	<i>Ilex aquifolium</i> - Common Holly
Age Class	Mature
Height (mts)	7.50
Diameter (mts)	0.18
Canopy Spread (mts)	North 2.00 East 3.20 South 3.60 West 4.10
Comments on Tree Form	Form is typical for this species, with no major defects noted at this time. Trunk divides at the base.
Defects : Roots	None
Defects : Trunk	None
Defects : Scaffolds	None
Defects : Crown	None
Obstructions to Growth	Nearby driveway and path.
Obstruction By Tree	Nearby wooden fence.
Defect / Problem Control	None required at this time.
Estimated Cost of Control	Not requested at this time.

Wombwell Cemetery Tree Survey - Mar 2009

Surveyor	Andie Nixon
Survey Date	13th March 2009
Tree ID No.	006
General Position Details	In the triangular plot of grass adjacent to the small entrance building. Opposite side of the driveway from no.30 Cemetery Road.
Site Type	Cemetery
Authority Protected ?	No
Site Owner	BMBC Bereavement Services
Tree Species	<i>Ilex aquifolium</i> - Common Holly
Age Class	Mature
Height (mts)	7.80
Diameter (mts)	0.23
Canopy Spread (mts)	North 2.80 East 3.60 South 4.20 West 1.90
Comments on Tree Form	Form is typical for this species, with no major defects noted at this time. Trunk divides at the base.
Defects : Roots	None
Defects : Trunk	None
Defects : Scaffolds	None
Defects : Crown	None
Obstructions to Growth	Nearby driveway and path.
Obstruction By Tree	Nearby wooden boundary fence.
Defect / Problem Control	None required at this time.
Estimated Cost of Control	Not requested at this time.

Wombwell Cemetery Tree Survey - Mar 2009

Surveyor	Andie Nixon
Survey Date	13th March 2009
Tree ID No.	007
General Position Details	In the triangular plot of grass adjacent to the small entrance building. Opposite side of the driveway from no.30 Cemetery Road.
Site Type	Cemetery
Authority Protected ?	No
Site Owner	BMBC Bereavement Services
Tree Species	<i>Ilex aquifolium</i> - Common Holly
Age Class	Mature
Height (mts)	8.30
Diameter (mts)	0.17
Canopy Spread (mts)	North 2.90 East 2.00 South 2.80 West 3.30
Comments on Tree Form	Form is typical for this species, with no major defects noted at this time. Trunk divides at the base.
Defects : Roots	None
Defects : Trunk	None
Defects : Scaffolds	None
Defects : Crown	None
Obstructions to Growth	Nearby driveway and path.
Obstruction By Tree	None
Defect / Problem Control	None required at this time.
Estimated Cost of Control	Not requested at this time.

Wombwell Cemetery Tree Survey - Mar 2009

Surveyor	Andie Nixon
Survey Date	13th March 2009
Tree ID No.	008
General Position Details	In the triangular plot of grass adjacent to the small entrance building. Opposite side of the driveway from no.30 Cemetery Road.
Site Type	Cemetery
Authority Protected ?	No
Site Owner	BMBC Bereavement Services
Tree Species	<i>Ilex aquifolium</i> - Common Holly
Age Class	Mature
Height (mts)	10.40
Diameter (mts)	0.27
Canopy Spread (mts)	North 3.30 East 4.40 South 6.10 West 4.10
Comments on Tree Form	Form is typical for this species, with no major defects noted at this time. Trunk divides at the base.
Defects : Roots	None
Defects : Trunk	None
Defects : Scaffolds	None
Defects : Crown	None
Obstructions to Growth	Nearby driveway and path & birds-mouth-fence.
Obstruction By Tree	None
Defect / Problem Control	None required at this time.
Estimated Cost of Control	Not requested at this time.



Wombwell Cem Tree 001 - Crown





Wombwell Cem Tree 001 - Trunk





Wombwell Cem Tree 002 - Root



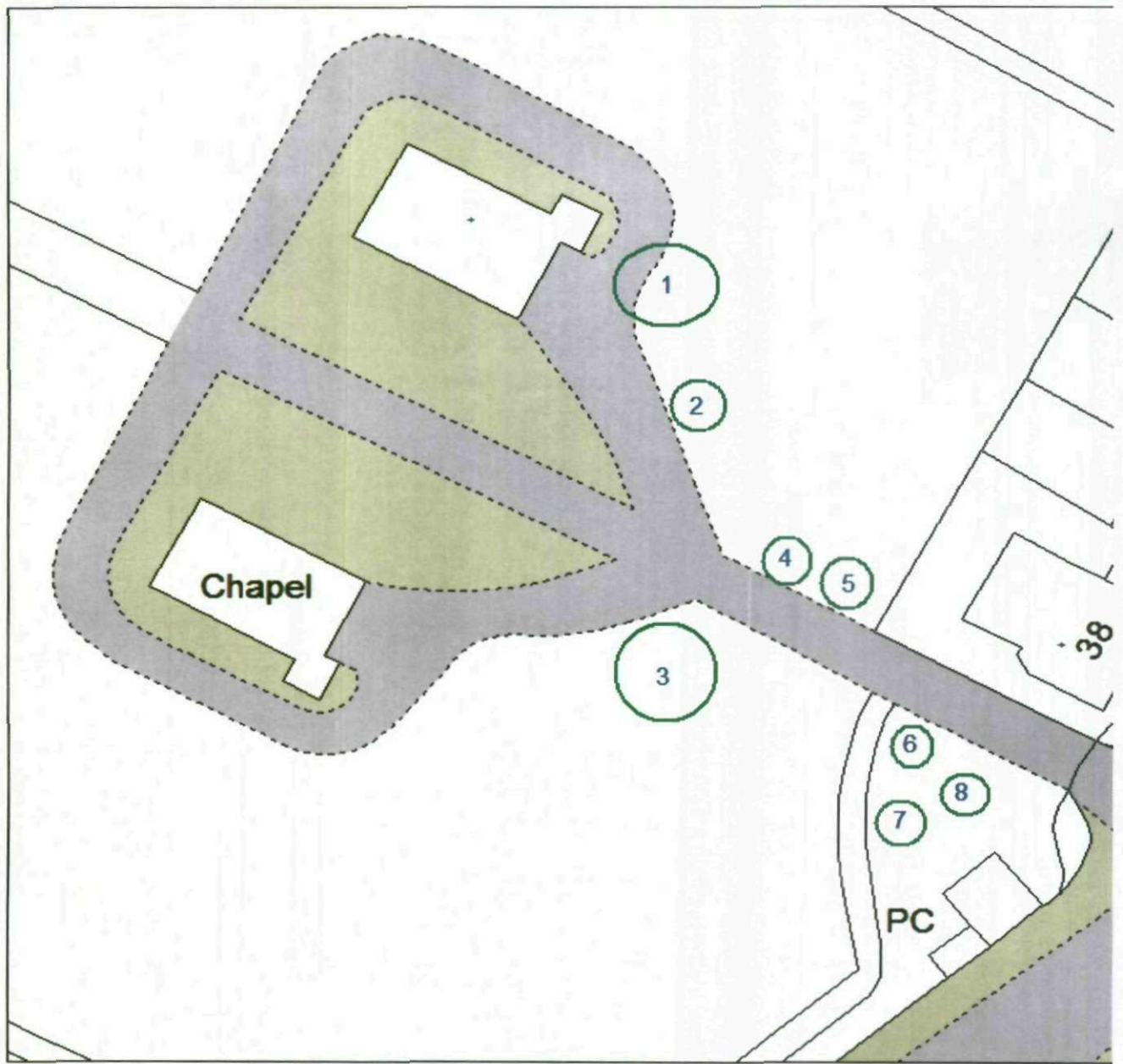
Wombwell Cem -Tree 002 - Trunk



Wombwell Cem -Tree 002 - Trunk

Red line indicates the area surveyed.







Wombwell Cemetery Tree Survey 2009 - Area outlined in RED has been surveyed





Glossary of Terms

Age Class	A general indication of how old a tree is. i.e. Young, Semi-Mature, Mature, Senescent or Dead.
Authority Protected	Identifies if a tree is covered by a Tree Preservation Order or Conservation Area Order.
Basal Rot	An area of rot near the base of the trunk.
Callouses	New areas of bark, that forms around and over an injury.
Co-Dominant	Two or more trees that are equal in crown-size, that often appears as a single large crown.
Crown Cleaning	Removing all dead branches, stubs and deformities from the whole of the tree
Crown Lift	To remove the lower branches of a tree, usually to give adequate clearance for people to walk or work underneath.
Dead Wood	The presence of dead branches within the tree, either still fixed to the tree or hanging from other branches.
Dead Wood (To)	To remove any dead wood remaining in the crown of a tree.
Epicormic Shoots	Small branches / shoots that grow from either the base of the tree or from an area of injury.
Fruiting Bodies	The visible parts of a fungal infection. These generally appear in autumn, but can persist throughout the year. They can be found on all parts of a tree.
Hazard Beam	The horizontal splitting of a branch in line with the grain. Generally regarded as a dangerous weak point, however some trees such as Oak can retain these branches for long periods.
Heartwood	Wood under the bark, often seen after the tree has been damaged.
Regeneration	The growth of new stems from an old stump after the original tree has died or been removed.
Ring Barked	The removal of bark from the full circumference of a tree. Usually leads to the tree's demise.
Scaffolds	The larger branches, supporting the crown of the tree.
Stubbs	Sections of branches left attached to the tree when a limb breaks off.
Suppressed	When a tree is overshadowed by larger nearby trees. Often the crown of a 'suppressed' tree will be smaller and more sparse than an equivalent sized tree growing on its own.
Thin Out (1)	To remove branches from the crown of a tree to increase light penetration into the crown or to give the tree a more structured shape or to remove mis-shapen or damaged branches.
Thin Out (2)	To remove one or more poor specimen trees from a group of trees, to allow the remaining trees to develop their natural shape.
Twin-Stemmed	A tree is regarded as having twin stems if the division is below 1.3 metres