

TREE 7

Giant Redwood

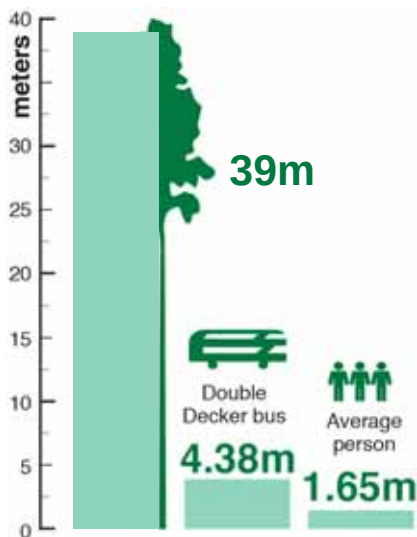
Sequoiadendron giganteum



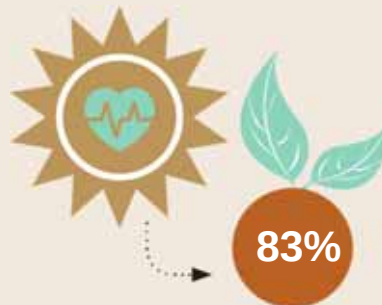
Site: Simons Wood
Wellingtonia Avenue
Finchampstead
Surveyed by
Mr. David Challice and
Dr. Glynn Percival
17/03/2020
Our Ref: CC/2265 AR4252

Tree 7 Survey Results

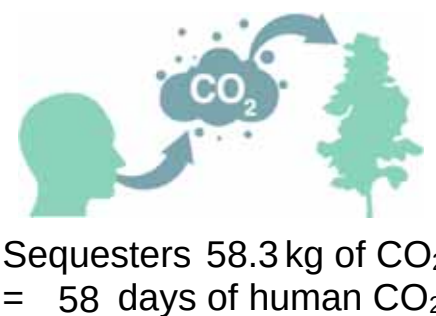
Height of Tree



Photosynthetic Efficiency



CO₂ Sequestered Per Year



Water absorption/potential air cooling

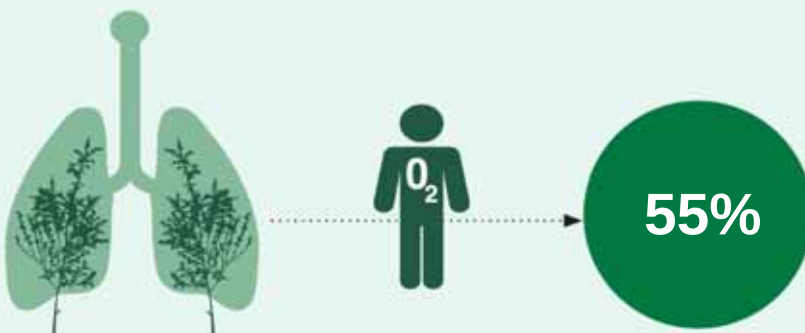
78.59 litres per hour which would fill
14% of an Olympic swimming pool



Oxygen produced per year

169.35kg

Oxygen produced by this tree is 55%
of a human's requirements for a year



Carbon storage in metric tonnes per year

4.2MT

The carbon would be in the atmosphere
if not in the tree and the carbon
produced by an average
car exhaust per year = 4.5MT

**What your tree is
worth/CAVAT value**

£512,673.00

Tree 7 Data Results Continued

Wokingham District Veteran Tree Association reference	2488
TPO Yes/No	Not covered.
Circumference (metres)	6.25
Crown Spread N (metres)	8.6
Crown Spread E (metres)	8.0
Crown Spread S (metres)	8.6
Crown Spread W (metres)	8.9
Age	Mature
Shoots	Normal for species and season.
Crown Density	85%
Roots	Partially covered by hard surfacing, few visible. Competition from young Oak and Sweet Chestnut. Bridleway has been moved and replaced with woodchip which has improved the rooting environment and tree longevity.
Stem Base	Well buttressed and sound.
Stem	Sound and clear of branches up to 7m.
Branches	Dead and hanging limbs in crown up to 200mm in diameter.
Management History	Medium sized limb removal.
Recommended Works	Remove young trees within 10m radius to reduce competition. Apply 200mm of composted woodchip under the canopy to improve rooting environment and reduce competition from grass. Remove all deadwood over 25mm in diameter over the highway.
Work Priority	Within 12 months of the survey date.
Pests Present	None visible during inspection.
Disease Present	None visible during inspection.



Tree 7 Tree Scale

Wildlife Habitat Scale	3
Risk of Failure Scale	1
Target Scale	2



Tree 7 Location



For more information please contact:

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