

TREE 6361

GIANT REDWOOD

Sequoiadendron giganteum



Spare Plot

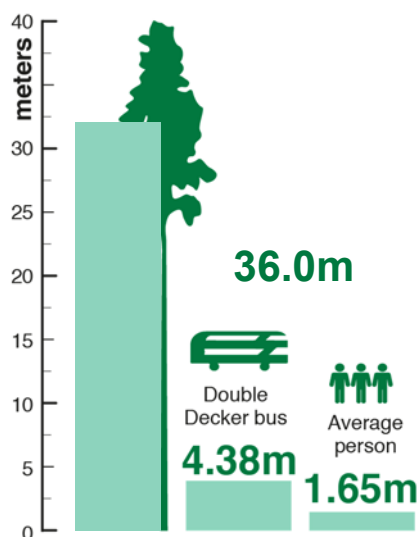
Tree survey report by
**Mr. David Challice and
Dr. Glynn Percival**

22/04/2021

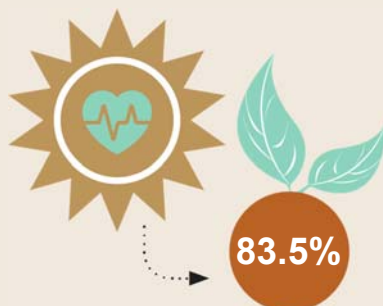
Our Ref: AR4606

Survey results

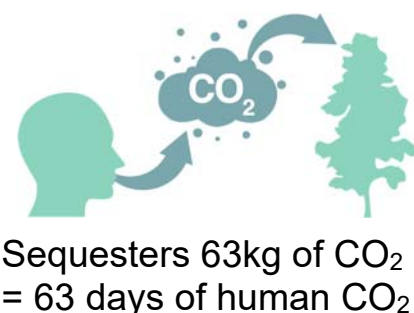
Height of Tree



Photosynthetic Efficiency



CO₂ Sequestered Per Year



76L
Water absorption/potential air cooling

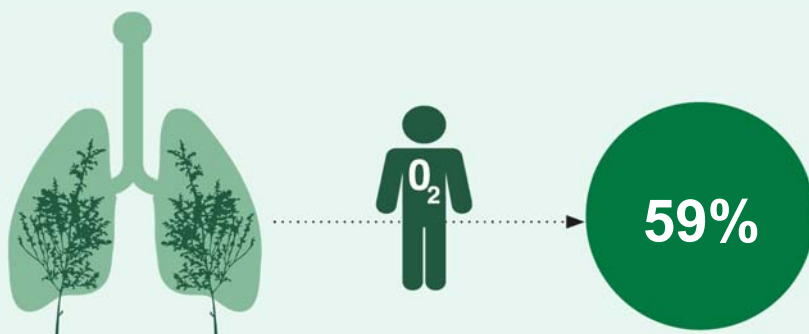
76 litres per hour which would fill
13% of an Olympic swimming pool



Oxygen produced per year

**183
kg**

Oxygen produced by this tree is 59%
of a human's requirements for a year



Carbon storage in metric tonnes per year



The carbon would be in the atmosphere
if not in the tree and equals the amount
of carbon produced by an average
car exhaust per year

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

£210,087

Tree data results continued

TPO reference	TPO 55/1972 (G2)
WDVTA Reference	6361
Tag number	134
Circumference (m)	7.50
Diameter (m)	2.39
Crown Spread North (m)	5.0
Crown Spread East (m)	5.0
Crown Spread South (m)	5.0
Crown Spread West (m)	5.0
Age Class	Mature
Shoots	Normal for species and season.
Crown Density	85%
Hard Surfacing coverage	30%
Roots	Hard surfacing to the north.
Stem Base	Well buttressed and sound.
Stem	Sound and stable. Historic stem damage at 16m.
Branches	Deadwood in crown over 25mm in diameter. Retain deadwood for wildlife habitat.
Pests Present	None visible during inspection.
Disease Present	None visible during inspection.
Management History	None visible.
Recommended Works	No works proposed.
Work Priority	
Is the Tree Infected with Honey Fungus ie. Honey Fungus found on the root system	Not tested please refer to full report
Honey Fungus Population in the Soil	



Tree scale

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



TREE 6361

For more information please contact:

David Challice
Office – 01306 743374
Mobile – 07831 855764
info@challiceconsulting.co.uk
www.challiceconsulting.co.uk

