

TREE 6360

GIANT REDWOOD

Sequoiadendron giganteum



Spare Plot

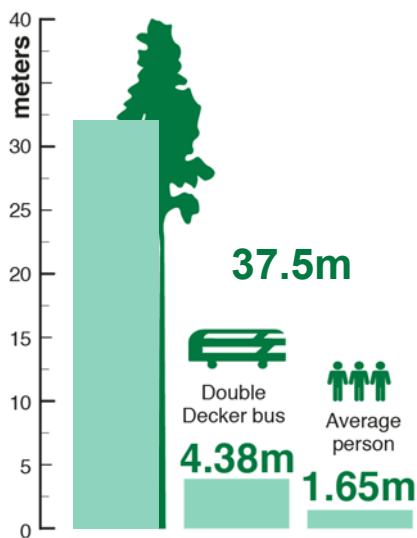
Tree survey report by
**Mr. David Challice and
Dr. Glynn Percival**

22/04/2021

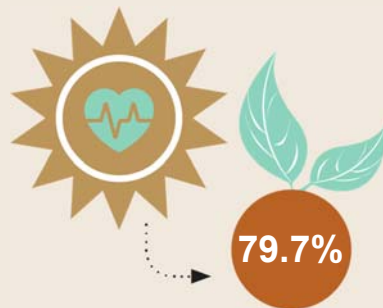
Our Ref: AR4606

Survey results

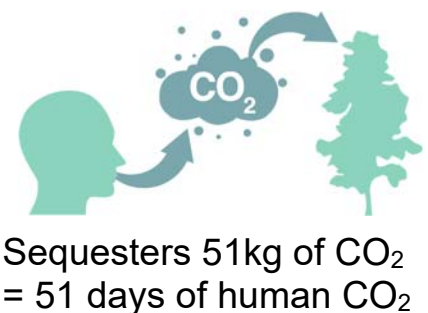
Height of Tree



Photosynthetic Efficiency



CO₂ Sequestered Per Year



49L
Water absorption/potential air cooling

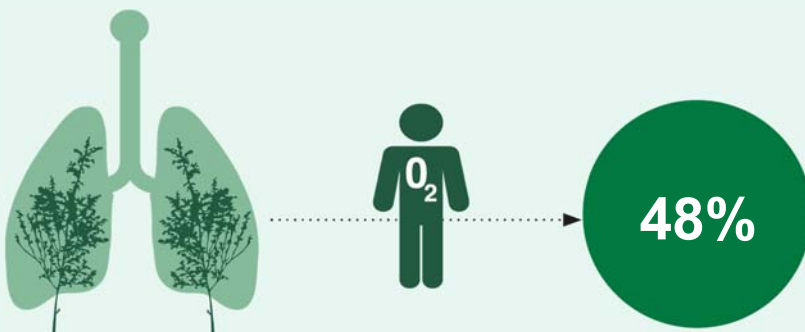
49 litres per hour which would fill
9% of an Olympic swimming pool



Oxygen produced per year

148
kg

Oxygen produced by this tree is 48%
of a human's requirements for a year



Carbon storage in metric tonnes per year



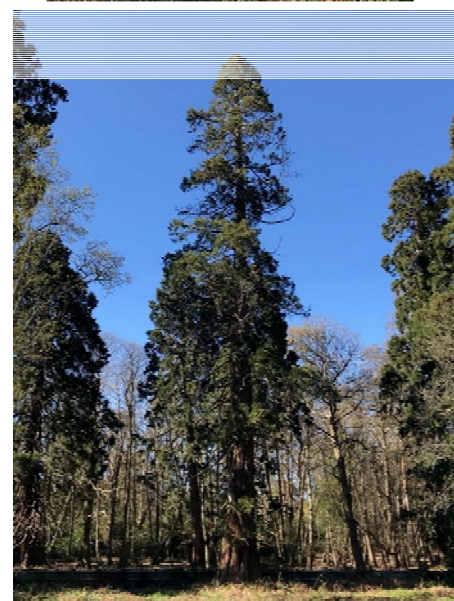
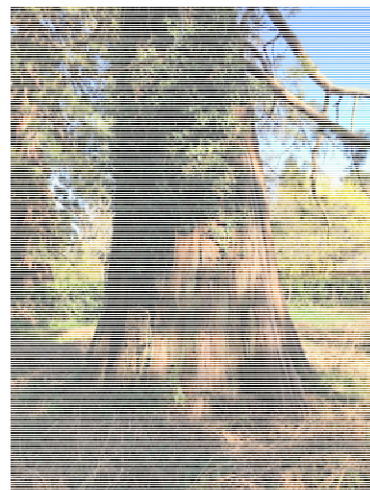
The carbon would be in the atmosphere
if not in the tree and equals the amount
of carbon produced by an average
car exhaust per year

What your tree is
worth/CAVAT Value

£114,795

Tree data results continued

TPO reference	TPO 55/1972 (G2)
WDVTA Reference	6360
Tag number	133
Circumference (m)	6.40
Diameter (m)	2.04
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	Reduced shoot density
Crown Density	60%
Hard Surfacing coverage	30%
Roots	Hard surfacing to the north.
Stem Base	Well buttressed and sound.
Stem	Sound and stable.
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



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For more information please contact:

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