



20<sup>th</sup> October 2023

Chestnut Cottage,  
Sheldons Lane,  
Hook,  
Hampshire,  
RG27 9LH

This report has been prepared along the guidance of B.S.5837:2012 the objective being to provide the case officer Miguel Martinez with information relating to the planning approval ref 21/00439/CON. Condition 7. This was issued in April 2021, With the main planning approval for the removal of the existing house and its replacement granted in February 2021.

There appears to be some uncertainty on the installation of the tree protection measurers as detailed in the Arboricultural Development report to B.S.5837:2012 prepared by Michael Honey. As Mr honey is no longer providing these reports, we have been commissioned by the client to provide this report to clarify these issues.

Mr Honey's report was prepared on 12<sup>th</sup> March 2016 and made comments to many trees poor conditions. The client has provided us with a list of trees which have been removed and then replaced with more suitable species. Their removal is generally in accordance with the reports comments and should not be considered to be a result of detrimental effects from the buildings construction.

The replacement trees include 2 Norway Maples and an ornamental Cherry. The boundary Leyland cypress hedges removed and replaced with Laurel hedges. An inspection of these confirmed they have been planted correctly and all are in good health and will fully compensate for the removed trees.

We have prepared from our own measurements, a new Tree Protection Plan. Then shown where our protective barriers would have been installed. There is a slight variation from Mr Honeys to ours , this is mainly due to our plan showing the correct RPA for all recorded trees. The main area of disparity is of considerable distance from the construction area, consequently this will not have resulted in any construction impingement.

Naturally it's not possible to comment if the tree protection measures were correctly installed. From a thorough inspection of each present tree, we haven't discovered any effects towards their health, although the repeated crown reductions is resulting in some pruning wounds which would benefit from more sympathetic pruning to the correct secondary growth points.

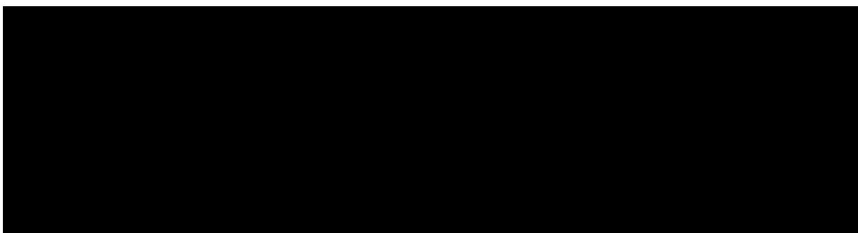
Ground level changes can cause trees to decline due to the roots receiving less moisture and, as importantly, reduced gaseous exchange. We conducted a thorough visual inspection of each tree's base noting the rooting distribution at the stem base and the rooting buttresses. All were easily visible thus strongly indicating that there has not been any alteration to the rooting area of these trees. We have included some photographs to further support this observation.

Collectively all this information provides us with substantiated information that there has not been any detrimental effects towards any of the retained trees and that trees removed were due to natural decline and not associated with the construction of the house.

Hopefully this report demonstrates accurately the trees present are in an acceptable health and that there should not be any reason why the condition cannot be released.

# FINAL REPORT

**For and on Behalf of**



**SMW (Tree) Consultancy**

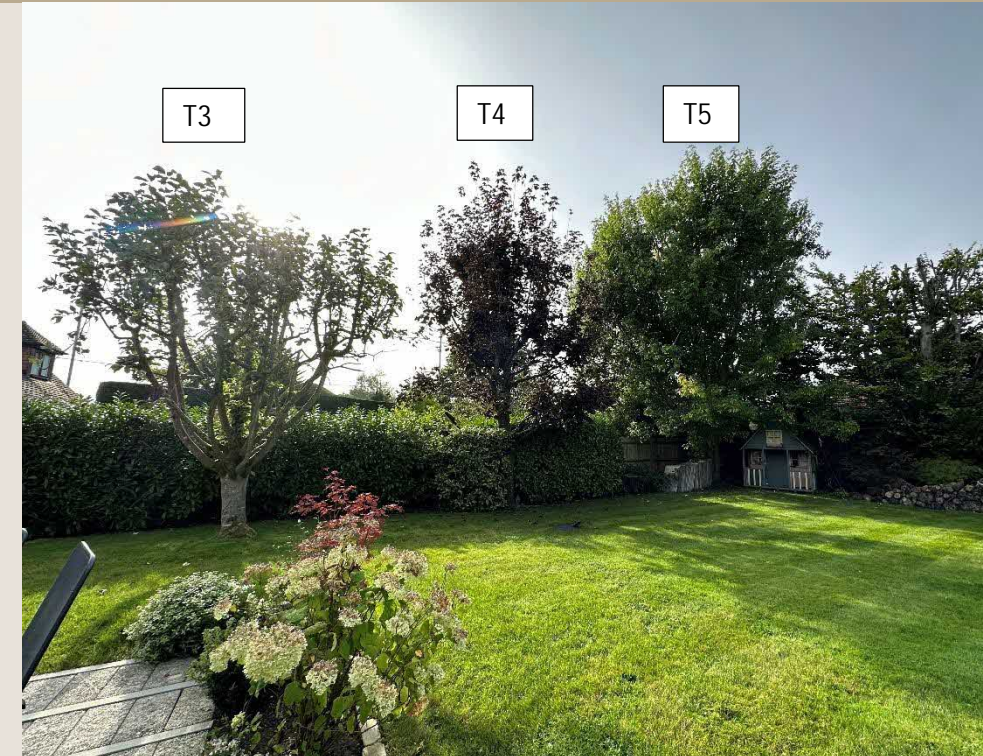




T1



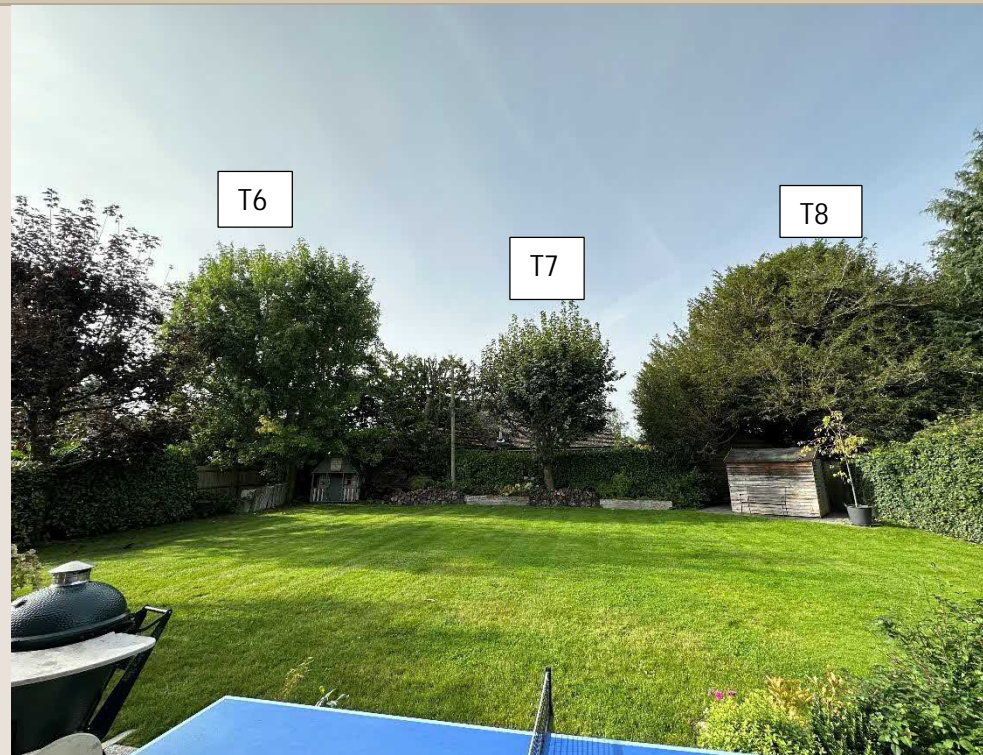
T2



T3

T4

T5



T6

T7

T8

View across the main lawn from the new house, which has a level aspect.



View from the main house towards 'The Annex' note the level ground area of the lawn



View from the entrance towards the main house





Replacement tree



Replacement tree



Replacement tree



Basal area of T3



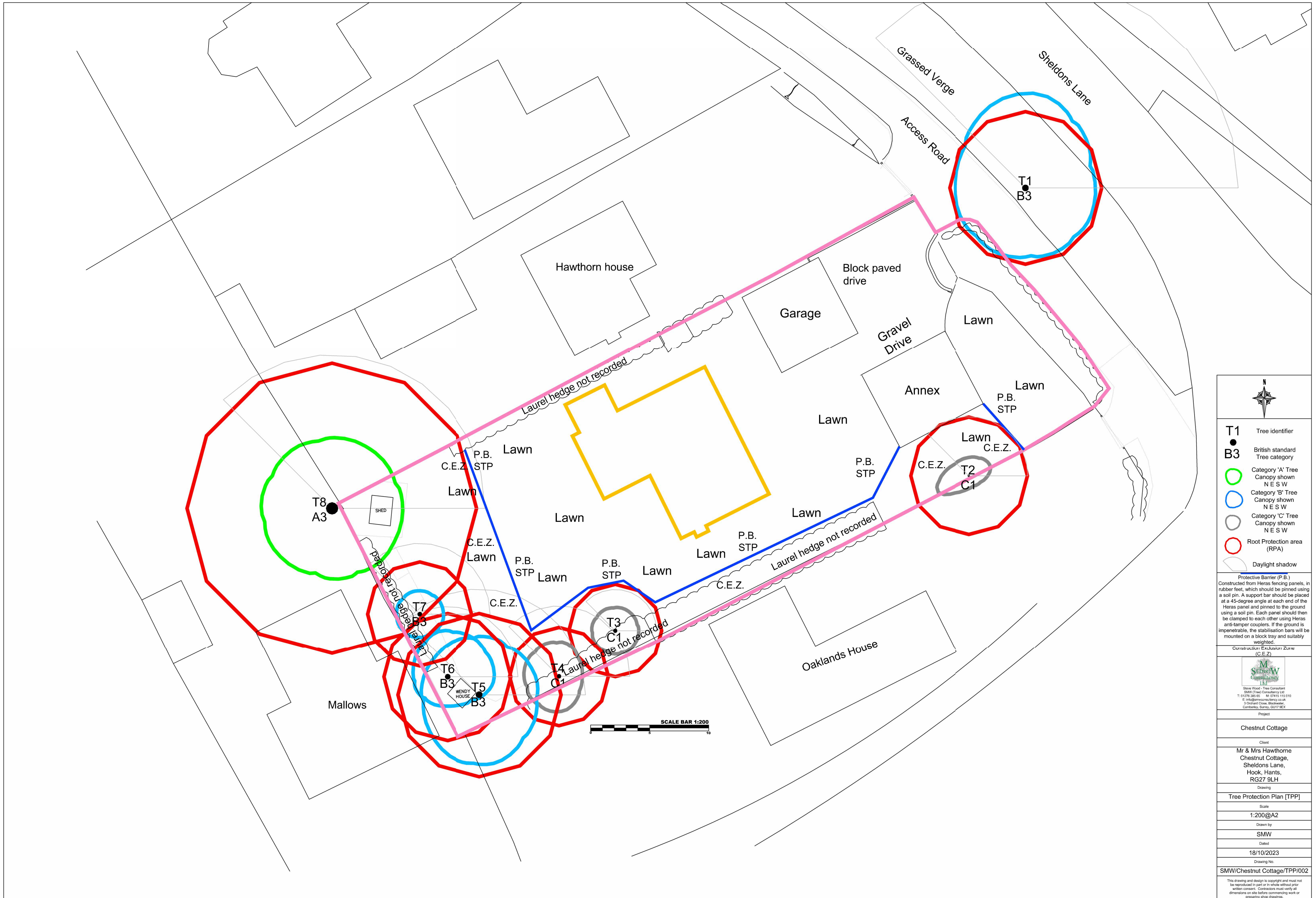
Basal area of T4 both of the closest proximity to the construction area and clearly indicating no ground level alterations have taken place.



Tree ID	In Conservation Area/PO	Species & Maturity	Likely Bat Habitat	Measurements estimated	Height (m)	Height and direction of first significant branch (m)	Number of stems	Stem 1 (mm) or average diameter for trees with more than 5 stems	Stem 2 (mm)	Stem 3 (mm)	Crown Spread (m)					Crown height (average)	Crown, Stem, Basal Area	Category	Life Expectancy	Physical Condition	Build Stage	Recommended action	Date	Comment
											N	E	S	W										
T 1	No	Species: Common Ash  Latin: Fraxinus excelsior  Maturity: Mature	Unknown	No	18	5n	1	525			8	6	6	6	6	Crown-Declining, Stem-Fair, Basal Area-Fair	B3	<10 yrs.	Declining	Post construction	Recommended action: No action	09.10.23	Tree is located in the grass verge between Sheldon's Lane and access road to the client's property, presumably in highway ownership. Tree is showing classic characteristics of Ash dieback infection. There is also a large wound on the lower stem from ground level to 800mm which has some minor decay. No ground level alterations around this tree.	
T 2	No	Species: Common Hazel  Latin: Corylus avellana  Maturity: Mature	No	No	5	1s	6	165			2	1	3	2	2	Crown-Fair, Stem-Fair, Basal Area-Poor	C1	10 to 20 yrs.	Fair	Post construction	Recommended action: No action	09.10.23	Multi stemmed tree at 0.3m above ground level to the south of the Annex. Basal area is mainly shingle surfacing with a boundary fencing immediately to the south. Root buttress formation indicates no ground level alterations.	
T 3	No	Species: Whitebeam  Latin: Sorbus aria  Maturity: Mature	No	No	3.5	1n	1	320			2	2	2	2	2	Crown-Fair, Stem-Fair, Basal Area-Good	C1	10 to 20 yrs.	Fair	Post construction	Recommended action: No action	09.10.23	Tree is located in the rear garden which is of a large grassed area. Tree is multi stemmed at 1.2m and previously reduced. Root buttress formation indicates no ground level alterations have been conducted.	
T 4	No	Species: Purple Maple  Latin: Acer palmatum 'Atropurpureum'  Maturity: Mature	No	No	6	1.5w	1	340			3	2	3	3	2	Crown-Fair, Stem-Fair, Basal Area-Fair	C1	10 to 20 yrs.	Fair	Post construction	Recommended action: No action	09.10.23	Located on the south boundary where there is a established Laurel hedge of 2m in height. Crown has been repeatedly reduced. Root buttress formation indicates there have been no level changes during the construction.	
T 5	No	Species: Sugar Maple  Latin: Acer saccharum  Maturity: Mature	Unknown	No	9	1.5w	3	350	305	320	5	5	6	5	2	Crown-Fair, Stem-Fair, Basal Area-Good	B3	20 to 40 yrs.	Fair	Post construction	Recommended action: No action	09.10.23	Locate in the corner of the rear garden multi-stemmed at 1m and the crown also repeatedly reduced. Proximity to the house and root buttress indications are that no ground level alterations occurred during the construction process.	







**T1** Tree identifier  
**B3** British standard Tree category

Category 'A' Tree Canopy shown N E S W  
 Category 'B' Tree Canopy shown N E S W  
 Category 'C' Tree Canopy shown N E S W  
 Root Protection area (RPA)  
 Daylight shadow

Protective Barrier (P.B.)  
 Constructed from Heras fencing panels, in rubber feet, which should be pinned using a soil pin. A support bar should be placed at a 45-degree angle at each end of the Heras panel and pinned to the ground using a soil pin. Each panel should then be clamped to each other using Heras anti-tamper couplers. If the ground is impenetrable, the stabilisation bars will be mounted on a block tray and suitably weighted.

Construction Exclusion Zone (C.E.Z.)

**SMW Tree Consultants Ltd**  
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Project  
 Chestnut Cottage

Client  
 Mr & Mrs Hawthorne  
 Chestnut Cottage,  
 Sheldon's Lane,  
 Hook, Hants,  
 RG27 9LH

Drawing  
 Tree Protection Plan (TPP)

Scale  
 1:200@A2

Drawn by  
 SMW

Date  
 18/10/2023

Drawing No.  
 SMW/Chestnut Cottage/TPP/002

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