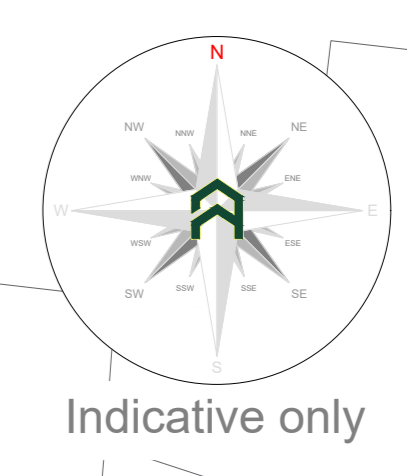


The Lawn



Note: The existing foundations have been confirmed as suitable by the structural engineer to support the proposed upper storey extension. Therefore no excavations are required along the existing western elevation and there is no incursion to the RPA of T13.

Note: The existing dwelling and concrete patio have previously been accepted as a root barrier by the Local Authority Tree Officer. The RPAs of trees T01 and T13 have been amended to reflect this (Arbtech TCP 01a).

Note: Existing garage to be demolished as part of planning application.

Note: New outbuilding has been constructed, and is not part of the current planning application.

Issue: Proposed building situated within the RPA of tree T01.
Solution:
 1. Roots will be uncovered using manual excavation techniques under direct arboricultural supervision and pruned at a 200mm offset from the proposed building line as indicated by the dashed orange line;
 2. A retaining system such as trench sheeting or similar is to be installed between the pruned roots and the proposed building line to maintain a stable rooting volume for retained trees.

Arboricultural Impacts	
Impacts	No. of trees
Trees to be removed	0
Grouped hedges to be removed (Partial removal of groups)	0/0
Trees with proposed retention into RPAs	1
Group 1 Hedges with proposed incursions into RPAs	0
Trees that will require pruning	0
Group 1 Hedges that will require pruning	0
Trees to be transplanted	0
Group 1 Hedges to be transplanted	0

No.	Species	Proposed structure	Incursion
T13	Common Oak	Dwelling	RPA

Arboricultural Impacts - RPAs (Area)			
No.	Species	RPA Area (sqm)	Incursion (sqm)
T01	Cornish Pine	483.4	12
			0.3

No. of individual trees to be removed			
U	A	B	C
0	0	0	0

No. of groups / hedges to be removed			
U	A	B	C
0/00	0/00	0/00	0/00

Utility apparatus
 Mechanical trenching for the installation of underground apparatus and drainage serves any roots present and can change the local hydrology in a way that adversely affects the health of the tree. For this reason, particular care should be taken in the risk and methods of installation of all underground apparatus. Wherever possible, apparatus should be routed outside of RPAs. Where this is not possible, it is preferable to keep apparatus together in common ducts, all inspection chambers should be sited outside of the RPAs.
 Where underground apparatus is to pass within the RPAs, detailed plans showing the proposed route should be drawn up in conjunction with the project arboriculturist. In such cases trenchless insertion methods should be used with entry and retrieval pits located outside of the RPAs. If this option is not suitable, and providing roots can be retained, and protected excavations should be undertaken using hand held tools (air-spade, forks, axes) or a combination of trenchless and manual excavation (broken trench).
 Any design and installation should be undertaken in accordance with the National Joint Utilities Guidelines (NJUG).
 Above-ground apparatus (including CCTV cameras and lighting) should be sited to avoid the need for detrimental tree pruning, as such the current and future crown size of the tree should be assessed. Tree branches can be pruned back with care to provide space, though it is not appropriate for repetitive and significant tree work to be undertaken unless this is a suitable management outcome for the tree. Any pruning should be undertaken in accordance with BS3998:2010.

Arboricultural Method Statement

All tree work to be undertaken in accordance with British Standard BS3998:2010. Please refer to Arbtech Consulting Ltd. Tree Schedule, Arboricultural Method Statement and Tree Protection Plan for full details of all surveyed trees and how all aspects of the development may be implemented without detriment to retained trees.



Project: 61 Horton Road, Datchet, Berkshire, SL3 9HD
 Client: Amy Lawrence
 Drawing: Arboricultural Impact Assessment
 Based on: FLU.1625.06
 Drawing No: Arbtech AIA 01
 Date: April 2022
 Scale: 1:100 @ A0
 Drawn: EK

Key:	Tree	Trunk
T01	Tree	Trunk
Category 'A' trees	Category 'A' trees	Category 'A' trees
Category 'B' trees	Category 'B' trees	Category 'B' trees
Category 'C' trees	Category 'C' trees	Category 'C' trees
Category 'D' trees	Category 'D' trees	Category 'D' trees
Category 'E' trees	Category 'E' trees	Category 'E' trees
Category 'F' trees	Category 'F' trees	Category 'F' trees
Category 'G' trees	Category 'G' trees	Category 'G' trees
Category 'H' trees	Category 'H' trees	Category 'H' trees
Category 'I' trees	Category 'I' trees	Category 'I' trees
Category 'J' trees	Category 'J' trees	Category 'J' trees
Category 'K' trees	Category 'K' trees	Category 'K' trees
Category 'L' trees	Category 'L' trees	Category 'L' trees
Category 'M' trees	Category 'M' trees	Category 'M' trees
Category 'N' trees	Category 'N' trees	Category 'N' trees
Category 'O' trees	Category 'O' trees	Category 'O' trees
Category 'P' trees	Category 'P' trees	Category 'P' trees
Category 'Q' trees	Category 'Q' trees	Category 'Q' trees
Category 'R' trees	Category 'R' trees	Category 'R' trees
Category 'S' trees	Category 'S' trees	Category 'S' trees
Category 'T' trees	Category 'T' trees	Category 'T' trees
Category 'U' trees	Category 'U' trees	Category 'U' trees
Category 'V' trees	Category 'V' trees	Category 'V' trees
Category 'W' trees	Category 'W' trees	Category 'W' trees
Category 'X' trees	Category 'X' trees	Category 'X' trees
Category 'Y' trees	Category 'Y' trees	Category 'Y' trees
Category 'Z' trees	Category 'Z' trees	Category 'Z' trees

