

Indicative only

Arboricultural Impacts	
Impact	No. of trees
Trees to be removed	0
Groups / Hedges to be removed (Partial removal of groups)	0.00
Trees with proposed incursions into RPAs	1
Groups / Hedges with proposed incursions into RPAs	0
Trees that require preservation	1
Groups / Hedges that will require pruning	0
Trees to be transplanted	0
Groups / Hedges to be transplanted	0

No.	Species	Proposed structure	Incursion
T20	Common Oak	Basement	RPA & Crown

Arboricultural Impacts - RPAs (Area)			
No.	Species	RPA	Incursion
T20	Common Oak	141.9	0.4

Tree Work Schedule			
No.	Species	Works	Category
T10	Cherry	Full removal tree ground stumps	U
T11	Common Oak	Full removal tree ground stumps	U
T20	Common Oak	Prune/Overhead the southern elevation	U

All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree work - Recommendations.

All stumps are to be removed and the soil left as found. Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of heavy machinery operations. No equipment or vehicles such as timber trucks, tractors, excavators or cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.

No. of individual trees to be removed				
U	A	B	C	D
1	0	1	0	0

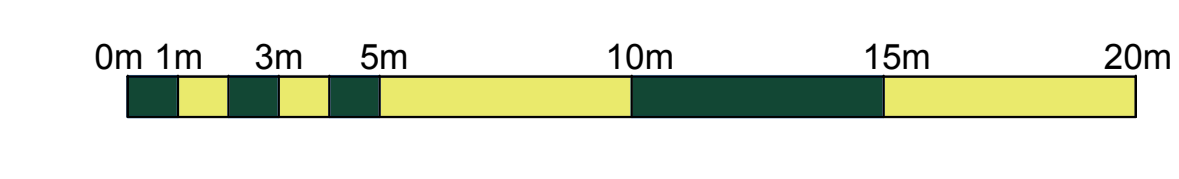
No. of groups / hedges to be removed				
U	A	B	C	D
0.00	0.00	0.00	0.00	0.00

U = Partial removal of a group

Utility apparatus	
Underground utility apparatus	Electrical trenching for the installation of underground apparatus and change covers any roots present and can change the local porosity in a way that adversely affects the health of the tree. For this reason, particular care should be taken in the routing 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 being located outside of the RPAs. If this option is not feasible and providing roots can be retained, and protected excavators should be undertaken using hand held tools (air-spade, forks, shovels) or a combination of hand held tools and manual excavation (broken branch).	Any design and installation should be undertaken in accordance with the National Joint Utilities Guidelines (NJUG).
Above-ground utility apparatus	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 an initial design solution unless this is a suitable management outcome for the tree. Any pruning should be undertaken in accordance with BS3998:2010.

Note: Proposed basement incursion of 0.4% due to excavations within the RPA of retained tree T20.
This will result in minimal root severance at the RPA periphery and so will not impact the trees long term vitality.

Note: The surfacing of the existing tennis courts will be removed, providing improved soil conditions within the RPAs of retained trees T18, T19 & T20



Rev.	Date	Notes
1	17/02/24	NA



Project: **Millicent, Hillgrove Lane, Lurgashall, Petworth, GU28 9EP**

Client: **Mr Gerard Aytron Grime**

Drawing: **Arboricultural Impact Assessment**

Based on: **22-1948_17_A**

Drawing No: **Arbtech AIA 02**

Date: **Feb 2024** Scale: **1:150 @ A0** Drawn: **PDG**

Key:	
Tree Numbers: T01	Trunks
Proposed Canopy Pruning	RPAs
Category 'A' trees	Category 'B' trees
Category 'C' trees	Category 'D' trees
Proposed Site Layout	Trees to be removed
Surface Removal	Excavation

This drawing was produced in accordance with the information provided to the contractor and is not to be used for any other purpose without the written consent of the contractor. The contractor shall be responsible for ensuring that the drawing is used in accordance with the information provided to the contractor and is not to be used for any other purpose without the written consent of the contractor.