

[illegible]

An engineered solution is likely require a level of excavation for site specific investigations to locate roots to aid in foundation design so that a suitable foundation can be designed to avoid roots and for the installation the structure.

[illegible]

Above-ground utility 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



Arboricultural Impacts - RPA's (Area)				
No.	Species	RPA (m ²)	Incursion (%)	
T39	Common Horse Chestnut	85.3	1.5	2.3 2.77%
T81	Turkey Oak	72.4	2.5	3.5
T81	Turkey Oak	72.4	17.8	24.6

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

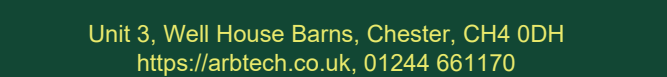
All arising's are to be removed and the site is to be left as found.

Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of tree surgery operations. No equipment or vehicles such as timber lorries, 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 groups / hedges to be removed			
U	A	B	C
0 (3)	0 (3)	1 (3)	7 (4)

() = Partial removal of a groups

Rev:	Date:	Notes:
A	12.07.24	Updated with revised layout.



Project: Land at Reed House,
Jackson's Lane,
Reed,
Royston,
Hertfordshire,
SG8 8AB

David Tait

Drawing:
Arboricultural Impact Assessment

Based on: S1017 - Pl 22 P11

Drawing No:	Rev:
Arbtech AIA 01	A

Date:	Scale:	Drawn:
May 2024	1:250 @ A0	EK

Key:					
Tree Nos.:		Tree Canopies:		Trunks:	
RPA's:		Category 'U' trees:		Category 'B' trees:	
Category 'B' groups:		Category 'C' trees:		Category 'C' groups:	
Existing Site Topo):		Proposed Site:		Trees to be removed:	

All dimensions should be checked on site. No dimensions are to be scaled from this drawing.
 Please notify us of any discrepancies found. Atotech Consulting Ltd. cannot be held responsible for inaccuracies in the data drawn in which this plan is based.
 Its drawing is designed to reflect the principles of the layout or design only, and relates only to the pretension of strained tendons.
 It is not to be read as a definitive part of the engineering or construction design or method statement.
 An exhibited or structural engineer should be contacted over any matters of construction, detailing or specification and for any standards or regulatory requirements relating to proposed structures, hard surfacing or underground services.
 This report was produced in colour - a monochrome version should not be relied upon.