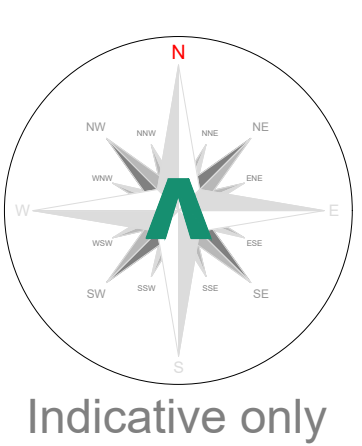
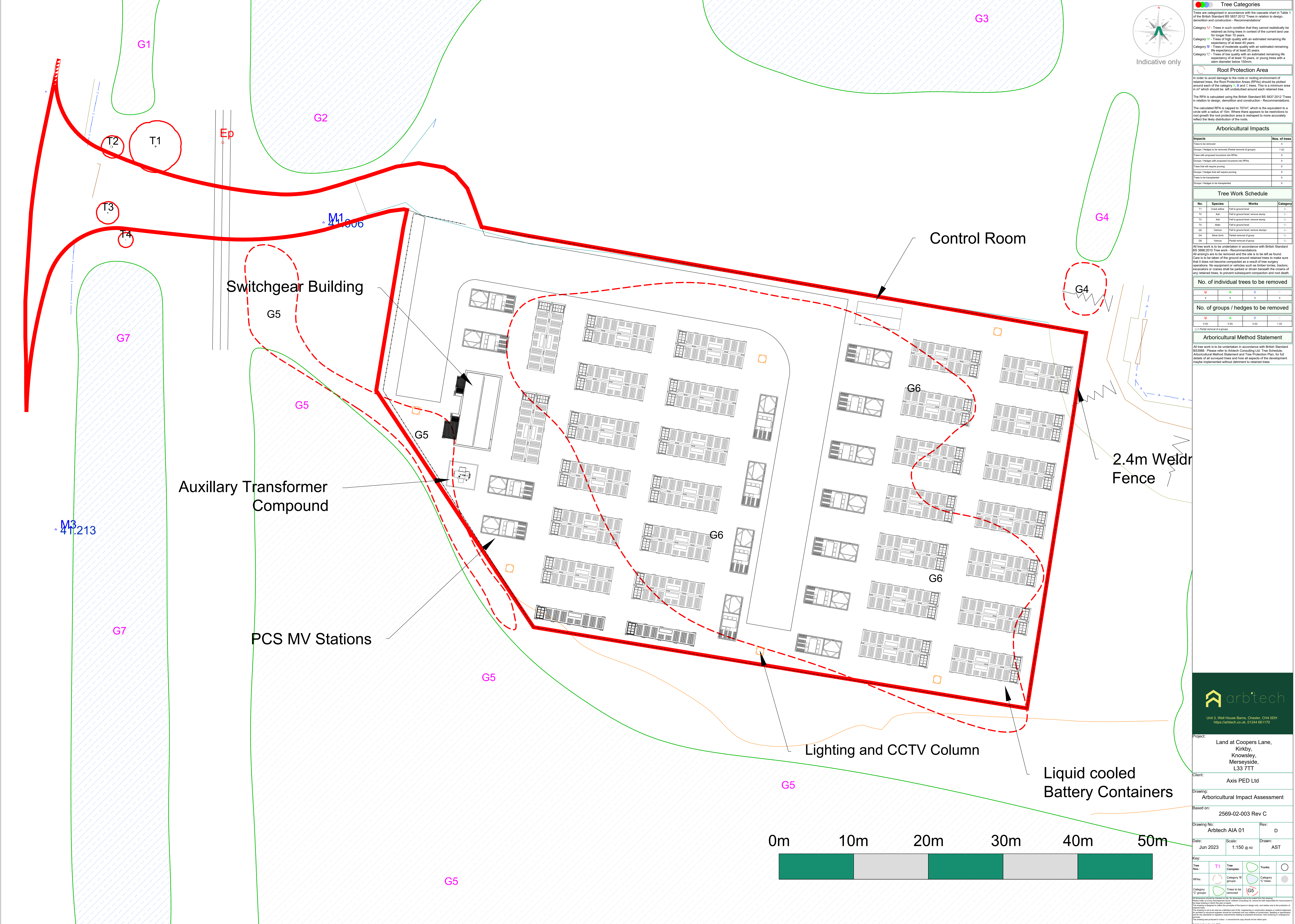




Tree Categories				
Trees are categorised in accordance with the cascade chart in Table 1 of the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'				
Category 'U' - Trees in such condition that they cannot realistically be retained as living trees in context of the current land use for longer than 10 years.				
Category 'V' - Trees of high quality with an estimated remaining life expectancy of at least 40 years.				
Category 'W' - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.				
Category 'X' - Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 100mm.				
Root Protection Area				
In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPAs) should be defined around each of the category 'U', 'V' and 'W' trees. This is a minimum area in m ² which should be left undisturbed around each retained tree.				
The RPA is calculated using the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'.				
The calculated RPA is capped to 707m ² , which is the equivalent to a circle with a radius of 15m. Where there appears to be restrictions to root growth the root protection area is reshaped to more accurately reflect the likely distribution of the roots.				
Arboricultural Impacts				
Impacts	Nos. of trees			
Trees to be removed	4			
Groups / hedges to be removed (Partial removal of groups)	1 (2)			
Trees with proposed measures into RPAs	0			
Groups / hedges with proposed measures into RPAs	0			
Trees that will require pruning	0			
Groups / hedges that will require pruning	0			
Trees to be transplanted	0			
Groups / hedges to be transplanted	0			
Tree Work Schedule				
No.	Species	Works	Category	
T1	Cashew	Fell to ground level	U	
T2	Ash	Fell to ground level remove stump	U	
T3	Ash	Fell to ground level remove stump	U	
T4	Alder	Fell to ground level	U	
G5	Various	Fell to ground level remove stumps	U	
G6	Silver Birch	Partial removal of group	U	
All tree work is to be undertaken in accordance with British Standard BS 3998:2010 'Tree work - Recommendations'. All existing trees 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 canopies of any retained trees, to prevent subsequent compaction and root death.				
No. of individual trees to be removed				
U	A	B	C	D
0	0	0	0	4
No. of groups / hedges to be removed				
U	A	B	C	D
0 (2)	0 (2)	0 (2)	0	1 (2)
(1) = Partial removal of a group				
Arboricultural Method Statement				
All tree work is to be undertaken in accordance with British Standard BS 3998:2010. Please refer to ArborTech 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.				



Unit 3, Well House Barns, Chester, CH4 0DH
https://arbtech.co.uk 01244 661170

Project: Land at Coopers Lane, Kirkby, Knowsley, Merseyside, L33 7TT

Client: Axis PED Ltd

Drawing: Arboricultural Impact Assessment

Based on: 2569-02-003 Rev C

Drawing No: Arbtech AIA 01 Rev: D

Date: Jun 2023 Scale: 1:150 @ A0 Drawn: AST

Key:

Tree No.	T1	Tree Category	Trunk	Circle
RPAs	Category 'U' groups	Category 'V' trees	Category 'W' trees	Category 'X' trees
Category 'U' groups	Trees to be removed	G5		

Arboricultural Impact Assessment (AIA) is a technical drawing that shows the location and condition of trees on a site. It is used to assess the impact of proposed development on trees and to develop a tree management plan. The AIA is a key part of the planning process and is used to inform the design of the development. It is a technical drawing that shows the location and condition of trees on a site. It is used to assess the impact of proposed development on trees and to develop a tree management plan. The AIA is a key part of the planning process and is used to inform the design of the development. It is a technical drawing that shows the location and condition of trees on a site. It is used to assess the impact of proposed development on trees and to develop a tree management plan. The AIA is a key part of the planning process and is used to inform the design of the development.

© ArborTech Consulting Ltd. 2023