Note: No unauthorised excavations are to be carried out within the RPAs of any retained trees. Any level changes must form part of a construction method statement & must protect the rooting environments of all retained trees.

Replacement Hedge Planting

Issue: Proposed footpath is situated partially within RPAs of trees T01.
Solution: Proposed footpaths are designed to be constructed entirely above the existing soil level, and to be permeable.

Issue: The proposed access road is partially situated within the RPAs of trees T01 & T02.
Solution: A cellular confinement system (cell-web) no-dig engineering system will be used to achieve construction of the access road hard surface treatments above the RPAs. This will require no excavations into the tree's RPAs.

0m 10m 20m 30m 40m 50m

Indicative only

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 'A' - Trees of high quality with an estimated remaining life expectancy of at least 40 years.
Category 'B' - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.
Category 'C' - Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm.

Root Protection Area

In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPAs) should be plotted around each of the category A, B and C 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
Individual trees to be removed	0
Hedges to be removed (Partial removal of hedge)	0 (2)
Trees with proposed incursions into RPAs	2
Groups / Hedges with proposed incursions into RPAs	0
Trees that will require pruning	2
Groups / Hedges that will require pruning	0
Trees to be transplanted	0
Groups / Hedges to be transplanted	0

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 (0)	0 (0)	0 (0)	0 (0)

( ) = Partial removal of a groups

Arboricultural Method Statement

All tree work is to be undertaken in accordance with British Standard 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 maybe implemented without detriment to retained trees.

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Client:
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Drawing:
Arboricultural Impact Assessment

Based on:
360MWT01 - Planning

Drawing No:		Rev:
Arbtech AIA 01		
Date: Mar 2026	Scale: 1:200 @ A0	Drawn: AST

Key:

Tree Nos.:	T01	Tree Canopies:		Trunks:	
RPAs:		Category 'U' trees:		Category 'A' trees:	
Category 'B' trees:		Category 'B' groups:		Category 'C' trees:	
Category 'C' groups:		Section of hedge to be removed:		Incursion - Access road:	
Incursion - Footpath:					

All dimensions should be checked on site. No dimensions are to be scaled from this drawing. Please notify us of any discrepancies found. Arbtech Consulting Ltd. cannot be held responsible for inaccuracies in the base drawing in which this plan is based.
This drawing is designed to reflect the principles of the layout or design only, and relates only to the protection of retained trees.
This drawing is not to be read as a definitive part of the engineering or construction designs or method statement. Arbtech Consulting Ltd. cannot be held responsible for any errors or omissions within these designs or method statement and for any standards or regulatory requirements relating to proposed structures, hard surfacing or underground services.
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