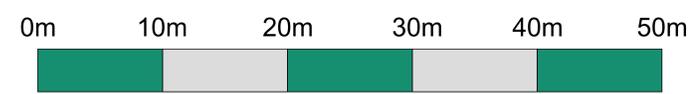




Note: No unauthorised excavations are to be carried out within the RPAs of any retained trees. Any level changes must form part of a construction method statement & must protect the rooting environments of all retained trees.



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 Area (RPA) should be defined around each of the category 'U' and 'X' trees. This is a minimum area in which should be left unexcavated 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 757m², 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	6
Groups / hedges to be removed (Partial removal of groups)	1/05
Trees with proposed measures (RPA)	2
Groups / hedges with proposed measures (RPA)	1
Trees that will require pruning	2
Groups / hedges that will require pruning	1
Trees to be transplanted	0
Groups / hedges to be transplanted	0

No.	Species	Proposed construction	Incursion
T03	Sycamore	Hard surfacing	RPA
T09	Lime	Hard surfacing	RPA
G04	Various	Excavate	RPA

Tree Work Schedule

No.	Species	Works	Category
T02	Elder	Prune canopy back to boundary	C1
T03	Sycamore	Close off to 2m above parking spaces	B1
T04	Hedgerow	Fell to ground level, remove stump	C1
T05	Sycamore	Fell to ground level, remove stump	C1
T06	Elder	Fell to ground level, remove stump	C1
T10	Hedgerow	Fell to ground level, remove stump	U
T11	Hedgerow	Fell to ground level, remove stump	C1
T17	Apple	Fell to ground level, remove stump	C1
G03	Various	Fell to ground level, remove stumps	C2
G04	Various	Prune canopy back to boundary	C2

All tree work is to be undertaken in accordance with British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'. All areas 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 tractor trailers, 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
1	0	0	6

No. of groups / hedges to be removed			
U	A	B	C
0/05	0/05	0/05	1/05

(1) = Partial removal of groups

Arboricultural Method Statement
 All tree work is to be undertaken in accordance with British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'. Please refer to Arboricultural Method Statement, Tree Schedule, Arboricultural Method Statement and Tree Protection Plan, for full details of all retained trees and how all aspects of the development may be implemented without detriment to retained trees.

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Project: Land off Leeds Road, Heckmondwike West Yorkshire WF16 9DB

Client: Orion Homes Ltd

Drawing: Arboricultural Impact Assessment

Based on: 2403-02-001 - Proposed Site Layout

Drawing No: Arbtech AIA 01 Rev: B

Date: Mar 2026 Scale: 1:200 @ A0 Drawn: AST

Key:

Tree Nos.	T1	Tree Categories	U	V	W	X
RPA	○	Category 'U' trees	●	●	●	●
Category 'U' trees	○	Category 'X' trees	○	○	○	○
Incursion - Hard surfacing	■	Tree to be removed	✗	✗	✗	✗

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