Tree Protection Barrier

All Tree Protection Barriers to be in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*. Tree Protective Barrier to be 2.0 m height 'Heras' Welded Wire Mesh Fencing.

T 38 - *Crataegus monogyna*; B, RPA min. 9.3m

Proposed Tree Surgery Works T38 - The south aspect will require the low branches to be lifted to ensure there is a minimum clearance of 3.5m from the ground to enable construction and fencing works.

Tree Protection Zone - Limited Manual Excavation

*While working with in the RPA of **T38,** a Limited Manual Excavation Zone* shall be implemented, in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'*. All of the tree protection fencing must stay in place for as long as is practical, then when the time comes for the gardens to be landscaped access to the protection area can be give and a supervised removal of the turfs and top soil layers can commence. This process must be agreed upon with the site manger and the project arboricultural consultant. No machinery should be taken into the tree protection zone with out an agreed level of ground protection installed over the RPAs.

2nd Location- Tree Protection Barrier

Tree Protection Zone - Limited Manual Excavation

*While working with in the RPA of **T34,** a Limited Manual Excavation Zone* shall be implemented in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'*. All of the tree protection fencing must stay in place for as long as is practical, then when the time comes for the gardens to be landscaped access to the protection area can be give and a supervised removal of the turfs and top soil layers can commence, and all **fence post hole must be manually excavated** using hand tools under arboricultural supervision. This process must be agreed upon with the site manger and the project arboricultural consultant. **No machinery should be taken into the tree protection zone** with out an agreed level of ground protection installed over the RPAs, in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'*

Tree Protection Zone - Additional Ground Protection

Will be required in this area, which must be fit for the expected level of traffic for the duration of the construction period in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*. These newly exposed areas of bare ground must not be tracked or driven over by machines of any size. The Ground Protection requirements will need to be practical. Moderate Duty Ground Protection Access Mats of Medium Density Polyethylene (HDPE) are recommended.

T 36 - *Quercus robur*; A, RPA min. 14.7m

T 35 - *Quercus robur*; B, RPA min. 4.8m

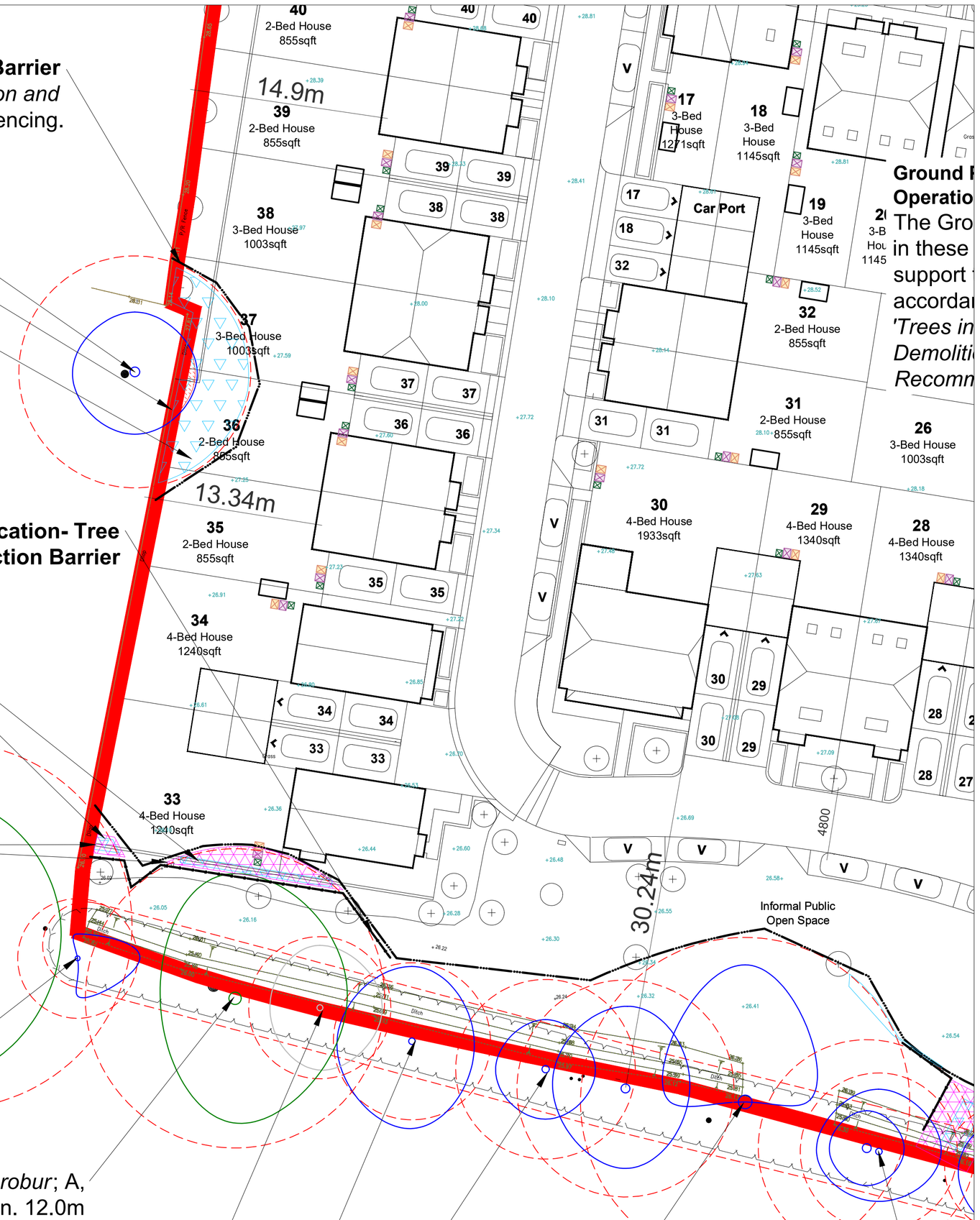
T 34 - *Quercus robur*; A, RPA min. 12.0m

T 33 - *Quercus robur*; C, RPA min. 5.7m

T 32 - *Quercus robur*; B, RPA min. 6.3m

T 31 - *Quercus robur*; B, RPA min. 7.2m

T 30 - *Quercus robur*; B, RPA min. 13.2m



Legend

T02 Tree, Hedgerow and Shrub Numbers.

Tree Root Protection Areas
Specified in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*.

Category A Trees
Trees of High Quality and Value to be Retained.

Category B Trees
Trees of Moderate Quality and Value to be Retained.

Category C Trees
Trees of Low Quality and Value to be Retained.

Category U Trees
Trees unsuitable for long term retention.

Existing Trees to be Removed
All operations to be in accordance with *BS3998:2010- 'Tree Works- Recommendations'*

Existing Shrubs and Hedges to be Removed

Tree Protection Barrier
All Tree Protection Barriers to be in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*.
2.0 m height 'Heras' Welded Wire Mesh Fencing.

Proposed Tree Surgery Works
Tree Surgery operations to be in accordance with *BS 3998:2010 - 'Tree Works - Recommendations'*.

Protection Zone - 'No Dig' Construction
Works to be implemented without intrusion or change of existing ground levels, in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*.

Protection Zone - Operation Zone During Construction.
An Operation Zone shall be implemented within the Root Protection Area. Ground protection, fit for the expected level of traffic, shall be secured for the duration of the construction period in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*.

Protection Zone - Manual Excavation / Demolition
Limited Manual Excavation / Demolition Zone shall be implemented, in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*. All works shall be undertaken with due care with hand held tools under *Arboricultural Supervision* only.

Protection Zone - 'Pile and Beam' Construction
Implementation of foundations to proposed structures within RPAs of existing trees shall be carried out using small diameter piles and beams to minimise disturbance to rooting zone. Location and density of piles subject to site/ ground investigation. Construction details to the Engineer's specification.

Notes:
1. Drawing to be read in colour.
2. For details of existing trees and vegetation refer to: *LLD3503-ARB-SCH-001 - Existing Tree Schedule;*
3. *For assessment of effects of the proposed development on existing trees refer to LLD3503-ARB-REP-001- Arboricultural Impact Assessment and Method Statement.*

DRAFT ISSUE

Rev	Description	Date	Initials
01	Draft Issue	04.08.25	LEB
00	Draft Issue	17.07.25	LEB

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Client
Rocco Homes
Project Title and Location
Land East of Mousdell Close
Rectory Lane, Ashington

Drawing Title
Tree Retention and Protection Plan

Scale	Drawn	Approved	Date
1:250@A1	LEB	GO	17/07/2025

Drawing No	Revision
LLD3503-ARB-DWG-022	01

N

0 1 2.5 5 10 m
Scale 1:250

Tree Retention and Protection Plan: Land East of Mousdell Close.