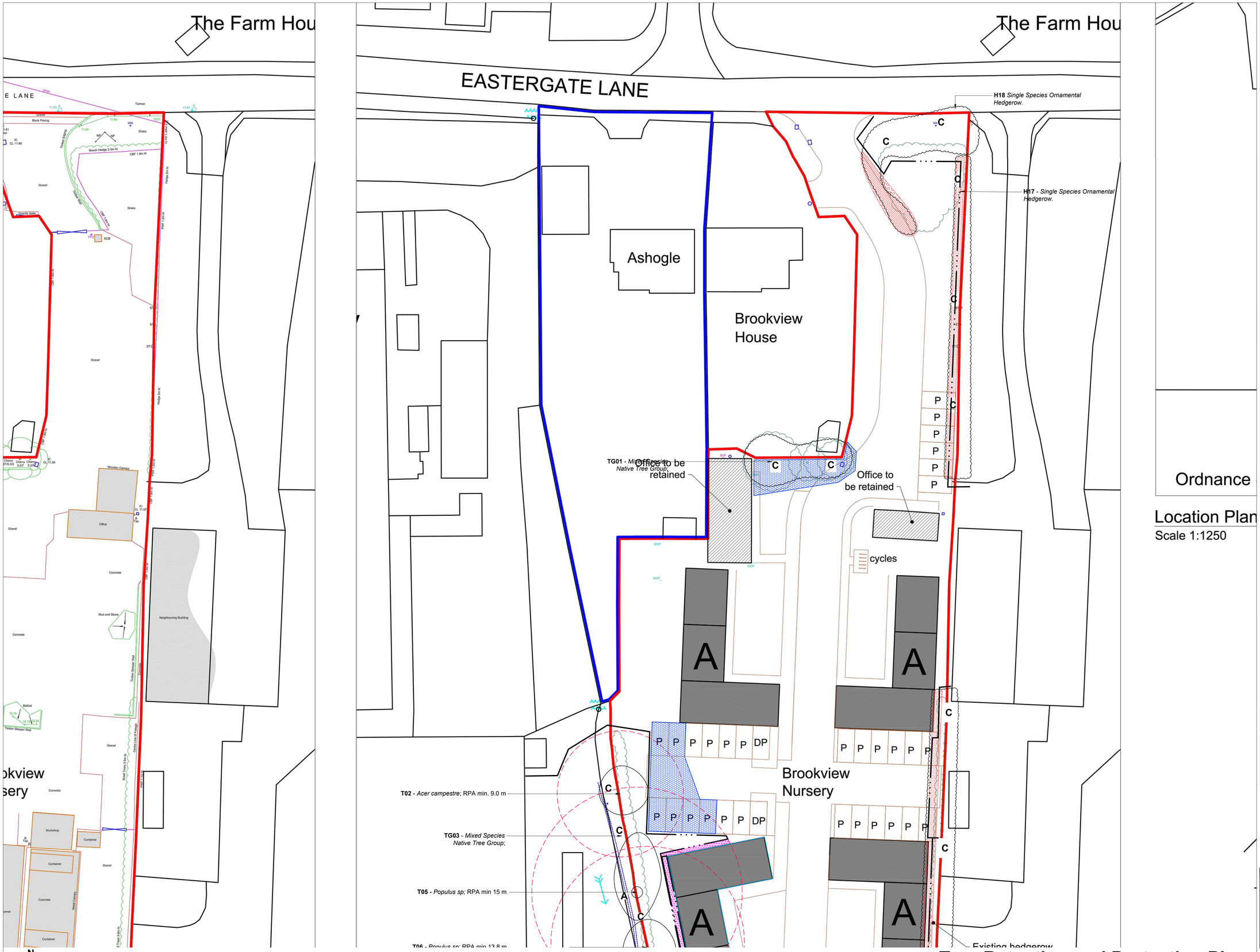


Tree Retention and Protection Plan
Brookview Nursery, Eastergate Lane, Walberton

Legend

Tree and Shrub Numbers.

Tree Root Protection Areas
Tree Root Protection Areas calculated and 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.

Category B Trees
Trees of Moderate Quality and Value.

Category C Trees
Trees of Low Quality and Value.

Category U Trees
Trees unsuitable for retention.

Category C Tree Groups
Tree Groups of Low Quality and Value.

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

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

Proposed Tree Surgery Works
Existing trees to have crown reduced prior to protection measures being implemented.
Tree Surgery operations to be in accordance with *BS 3998:2010 - 'Tree Works - Recommendations'.*

Tree Protection Zone - 'No Dig' Construction
A 'No Dig' Construction shall allow for construction 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'.*

Ground Protection Zone - Operation Zone During Construction.
An Operation Zone to enable construction work within the Root Protection Area is to be secured beneath the canopy of the existing trees with a ground protection layer, fit for the expected level of traffic, above a compression resistant layer for the duration of the construction period in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'.*

Tree 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'.* The excavation of bank to widen the vehicular access to demolition site shall be undertaken with due care with hand held tools under *Arboricultural Supervision* only.

Tree Protection Barrier
All Tree Protection and 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 metres height 'Heras' Welded Wire Mesh Fencing secured to a scaffolding framework, set into the existing ground, and positioned to the outside edge of the existing Tree Root Protection Area, or as specified.

Notes:
1. Drawing to be read in colour.
2. For details of existing trees and vegetation refer to: *LLD-2442-ARB-SCH-001 - Existing Tree Schedule;*
3. *For assessment of effects of the proposed development on existing trees refer to LLD-2442-ARB-REP-001- Arboricultural Impact Assessment and Method Statement;*

PLANNING ISSUE

Rev	Description	Date	Initials
00	Planning Issue	07.09.21	GO

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Client
Mr & Mrs Sowden

Project Title and Location
Brookview Nursery
Eastergate Lane, Wallberton

Drawing Title
Tree Retention and Protection Plan
Page 2 of 2

Scale	*Drawn*	*Approved*	*Date*
1:250@A1	GO	GS	07.09.2021

Drawing No **LLD2442-ARB-DWG-004** *Revision* 00