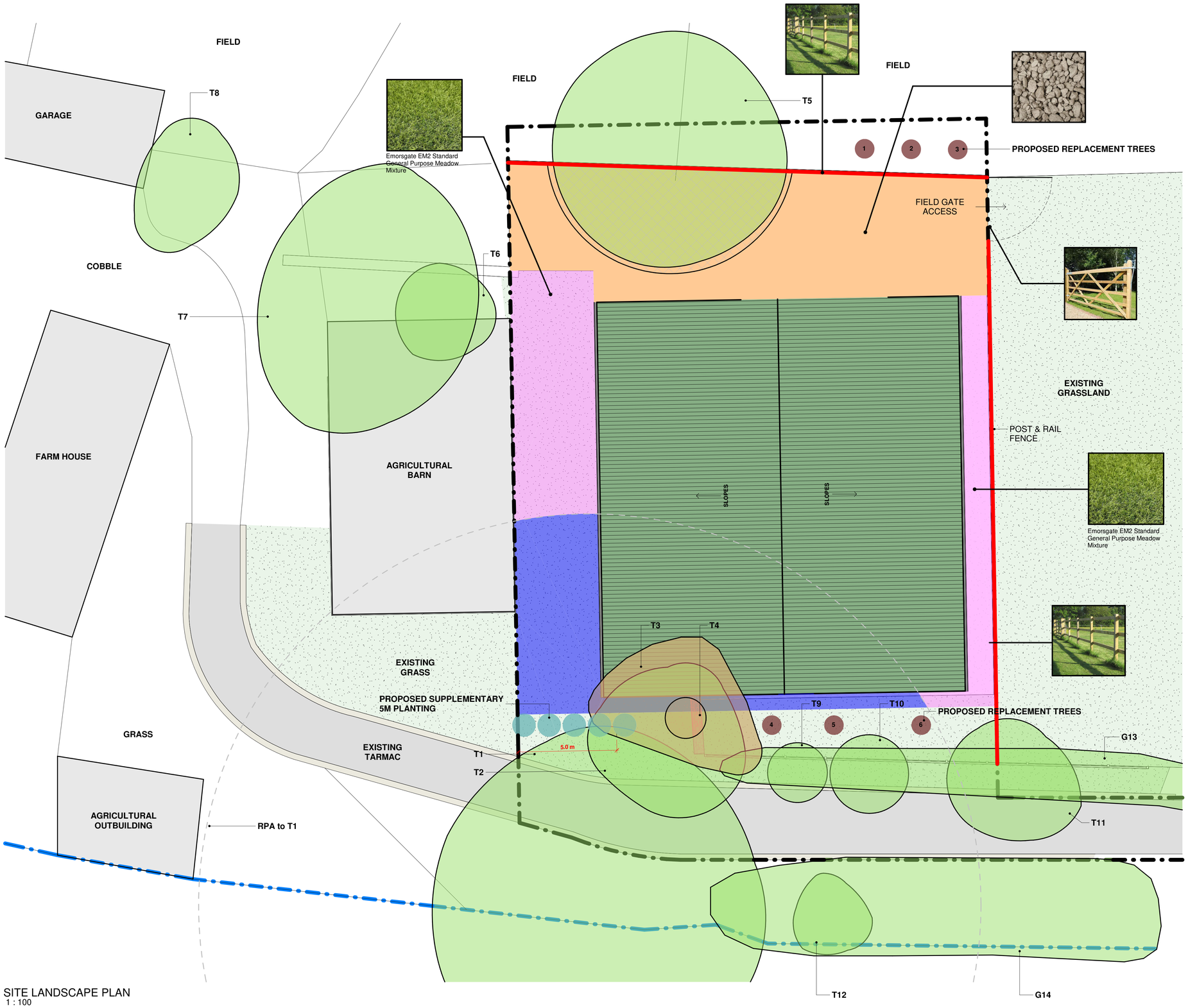

SITE LANDSCAPE PLAN
1 : 100

Graphical Scale **1:100**

0 1 2 3 4 5 10m

All drawings should be read in conjunction with the entire **PL Series** drawings. Full details and specifications will be provided following approval of the planning application and through a formal Building Control submission prior to commencement of site works & construction.

Application Boundary Adjacent Buildings

Hard Landscaping Key

Permeable Compact Gravel - Limestone Crushed Base Type 1 or similar
The use of a cellular confinement system will be utilised to create the hardstanding area that encroaches into the RPA of T5 without having adverse effects

Cellular Confinement System (Below Gravel)
The use of a cellular confinement system will be utilised to create the hardstanding area that encroaches into the RPA of T5 without having adverse effects

A cellular confinement system provides a load transfer mattress which prevents direct loads on tree roots and reduces the bearing pressure on subsoil's by stabilising aggregate surfaces against rutting under wheel loads. Figure 5 shows a side view of the cellular confinement system.

Methodology
Surface layer such as grass or gravel to be scraped off for levelling purposes. This can be done either by hand or by very small machinery to a maximum depth of 50mm.
• Spread a thin layer of 4/20 or 20/40 aggregate material over the length of the proposed hardstanding area to fill any small rut and to level area.
• Lay base geotextile material with at least 30cm overlaps. It is recommended that the base geotextile is made of polypropylene or polyester (min. 300g/m2) with a CBR puncture resistance of 4000N.
• Extend the cellular confinement systems over the area of the proposed hardstanding.
• Fill the voids within the Geoweb with a 4/20 or 20/40 aggregate material working into the voids. Help settlement of the stone by a minimum of four passes of a smooth roller (max. weight of 1000kg/m width without vibration), or alternatively by several passes with a tracked excavator
• Install peg and board edge supports of other approved edging.
• Lay an upper layer of geotextile over the Cellular Confinement System (not for tarmac surfaces). The upper geotextile is required for protecting the infill matrix; this can be of the same thickness as the base layer or slightly thinner (100–300g/m2)
• Construct finished permeable surface

Ground Protection (beneath grass / replanting)
The areas around T1 & T2 will need to be protected by ground protection measures during construction. For pedestrian access and for the use of pedestrian-operated plant up to a gross weight of 2 t, interlinked ground protection boards placed on top of a compression-resistant layer (e.g. 150 mm depth of woodchip), laid onto a geotextile membrane can be used as ground protection.

Post & Rail Fence
Pressure-treated softwood or oak, approx. 1.1–1.2m height, or 3 horizontal rails. Sensitive installation methods to be utilised around trees T5 and T11. Timber rails and posts sourced from local builder / agricultural merchants.

Planting / Soft Landscaping Key

Replanted Grass - Emorsgate EM2 Standard General Purpose Meadow Mixture
After construction of new agricultural shed, top soil to be made good and levelled to approximate existing site along building boundaries. Debris to be cleared, ground to be cultivated and high quality grass seeds to be sown evenly in places shown in pink on plan to match existing soft landscaped areas. Areas to right side of new barn to have native species rich wildflower meadow mix appropriate to local soil conditions.

Proposed Supplementary Planting: 5m additional planting for Bio-diversity Gain Planted as mixed native hedge, 5 plants per linear meter in a staggered double row. Around 0.5 - 1.2m high at planting. Primary species to be Hawthorn, Blackthorn, Hazel, Dog Rose and Dogwood. Planted in order to support birds, pollinators and small mammals all year round.

Proposed Replacement Trees:
To give a greater diversity of age class on the site, increasing sustainability. Give a greater diversity of species and therefore wildlife habitat. All tree sizes to be 10-12 cm girth and 1.0 - 1.2m in height at planting. Varieties as follows: Acer campestre, Betula pendula, Pinus sylvestris, Quercus robur, Sorbus aucuparia and Fagus Sylvatica. Planting in line with 20240600 Arboricultural Impact Assessment.

Tree Reference	Category	Notes (from Arboriculturist)	Retained Y	Retained N
T1	B1	English Oak - Good Vitality		
T2	C1	Wild Cherry - Aysmmetric Crown, Low Aesthetic Value Reduce Crown by 2.5m		
T3	C1	Wild Cherry - Aysmmetric Crown, Low Aesthetic Value		
T4	C1	Lawson's Cypress - Multi-stemmed at base, no defects		
T5	B1	English Oak - Good Structure, No Defects Crown lift by 2.5m		
T6	B1	Silver Birch - Single Straight Stem, No Defects		
T7	B1	Sycamore - Good Form & Vitality		
T8	C1	Laburnum - Reduced Vitality		
T9	C1	English Oak - Single Stem, no defects		
T10	C1	English Oak - Single Stem, no defects		
T11	B1	Horse Chestnut - Slender, no defects		
T12	C1	Norway Maple - Slightly suppressed. No defects.		
G13	C1	Red Cedar, Oak, Hazel, Chestnut & Holly - Young Screening Group		
G14	C1	Cypress, Cedar, Oak, Magnolia, Cotoneaster - Dense, no defects noted		
G15	B1	Ash, Wild Cherry Oak - Ash in decline, no defects noted		

Notes:
All planting shall be carried out in the first planting and seeding season following completion of the development. Any trees or plants which die, are removed or become diseased within five years shall be replaced in accordance with the approved details. The approved landscaping details shall be implemented no later than the first planting and seeding season following the completion of the new building; and any trees or plants which die within a period of 5 years from first being planted, or removed, or become seriously damaged or diseased shall be replaced in the next planting season with others of similar size and species.

CONDITION 05

Rev	Description	Date	By
A	Updated based on Ecologist comments	30/04/26	EP

A² STUDIO.

CONDITIONS

INFORMATION | COMMENT | APPROVAL ■ | TENDER | CONSTRUCTION | AS-BUILT

CLIENT
Mr & Mrs Priest

PROJECT
0462 - 001 Proposed erection of agricultural barn at Hollin Royd Farm

DWG. NO.
HRF - A2 - CON - 001

REV.
A

SITE LANDSCAPE PLAN

DRAWN BY: EP | DATE: 09/02/26 | SCALE: 1 : 100 | SHEET SIZE: A1