EA Lidar Contours @ 0.5m Intervals

Canopy Mapping derived from National Tree Map By BlueSky®

Tree Noted on Inco Topographic Survey

Tree Survey by St Aubyn Tree Consultancy

T91 Oak

Existing Mature Vegetation Retained

Ancient Woodland 15m Buffer Zone as Setout in Tree Survey by St Aubyn Tree Consultancy with area identified by Cross Hatch

Proposed Contours @ 0.5m Intervals

Existing Rough Grass Retained and Allowed to Naturally Regenerate into Pond Edge Scrub Through Minimal Management Intervention

Area Seeded with Emorsgate EG4 Meadow Grass Mixture for Clay Soils

EG4 is composed of grasses that are adapted to growing on soils with a high clay content. Clay soils are generally mildly acid to neutral, prone to waterlogging, sticky and heavy when wet, and hard to crumble when dry.

Area Seeded with Emorsgate EM4 Meadow Mixture for Clay Soils

EM4 is composed of species that are adapted to growing on soils with a high clay content. Clay soils are generally mildly acid to neutral, prone to waterlogging, sticky and heavy when wet, and hard to crumble when dry

Native and Ornamental Species Shrub & Ground Cover Planting mixes

Planted at 3 to 4 plants per m² (30-45 to 45-60cm high plant stock) including herbaceous species

New Native Species Hedging with Scattered Feathered Trees (Allowed to grow to full height) with Emorsgate Hedgerow Seed mix Emorsgate EH1 below.

Area Seeded with Emorsgate EP1 Pond Edge Mixture

Pond edge mixture EP1 contains wild flowers and grasses suitable for sowing at the wet margins of ponds, streams and ditches.

Reeb Bed for Water Filtration

Using

- Common Reed Phragmites australis
- Reedmace (Bullrush) Typha latifolia

Rain Garden Areas

Guelder Rose Viburnum opulus	Iris pseudocorus
Dogwood Cornus sanguinea	Iris sibirica
Veronicastrum virginicum	Garlic and onions Allium spp.
Helleborus foetidus	Juncus effusus
Bugle Ajuga reptans	Panicum virgatum
Inula Inula hookeri	Osmunda regalis
Eupatorium cannabinum	Dryopteris felix-mas
	Dryopteris dilatata

New Woodland Planting

Planting to achieve the objective of a NVC W10 (Quercus robur - Pteridium aquilinum - Rubus fruticosus woodland) mix of species with area seeded down with Emorsgate EW1 Woodland Mixture. Native Trees and Shrubs Whips and Transplant to be planted on 1.5m matrix with shrub species to the edge. Tree & Shrub Shelters are to be used to aid early establishment

Proposed Structural Tree Planting 10/12cmg and 14/16cmg 3m to 4m high species to include:

Acer campestre 'Streetwise'	Field Maple
Carpinus betulus 'fastigiata'	Upright Hornbeam
Prunus avium 'Plena'	Double Flowered Gliean
Sorbus aucuparia	Rowan
Tilia cordata 'Greenspire'	Small leafed lime
Acer platanoides 'Deborah	Norway Maple
Sorbus aria	Whitebeam

Focal Point Tree Planting 20/25cmg up to 6m high species to include:

Acer campestre 'Streetwise'	Field Maple
Carpinus betulus	Hornbeam

Equestrian Post & Rail Fence 1.5m High

Porous Block Paving (Marshalls Priora or Similar Approved) Natural Gray Colour

Rubberised Safety Block Paving in areas of regular routes walked by horses.

Existing Compacted Stone Surfacing regularised and made good with new Type 1 stone

Surface finished with Selfbinding Breedon Gravel or similar approved

Existing Compacted Stone Surfacing to be removed and Formation lightly de-compacted before receiving No Dig Surface make-up in accordance with St Aubyn detail. Surface finish to be Tarmac ULTIPOROUS porous tarmacadam

Existing Entrance and Parking Area Surfacing

To be regularised in level and structure to receive surface finish to be Tarmac ULTIPOROUS porous tarmacadam

New Tarmacadam Surface

with full ULTIPOROUS porous tarmacadam make up in accordance with manufacturers recommendations with depths derived from engineers CBR% values

South Downs National Park Boundary

Existing Farm Track Retained

Rain Water Harvesting & Storage System

Surface & Sub Surface Drainage System

Foul Drainage Leading to Bio-Digester

Menage Land Drainage Linked into Rain Garden

Specialist Menage Surfacing

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5.0 0.0 10.0 20.0 30.0 40.0 50.0 60.0

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no.	revision	date	by	check

status: PLANNING

project: Eastwood Farm

client: MR & MRS T CULLUM

planning consultant: Sadler Planning

architect: Gould Baxter

New Private Equestrian Center
General Arrangement
South

scale 1:250 @ A1 drawn by TRF date 05/01/25 checked

drawing ref FLA-EAS-LS-002 rev