

Aerial Photograph

Note: Image illustrates the location and extent of hedgerows before the works to install the pipe were undertaken. These planting proposals seek to reinstate these hedgerows and reconnect the wildlife corridors. Extent of drawing illustrated by dashed red line.



Biodiverse Native Planting

The proposed planting objectives are to provide an environment based on sound ecological principles which will be both visually attractive, functional and has been developed to maximise biodiversity gain on site.

The baseline condition of the site is a typical rural field pattern, with paddocks in between.

Existing hedgerows were removed to facilitate the installation of a new 600mm diameter pipe, to aid field drainage. The approximate route of the installed pipe is illustrated by the dashed blue line on the adjacent plan.

The landscape proposals illustrated on this plan look to enrich the ecological value of the site and create a diverse series of native hedgerows, trees and wildflower meadow.

Planting Typologies

Proposed planting typologies specified on this plan are:

- Specimen Tree Planting (UK Native)
- Hedge Planting (UK Native)
- Wildflower & grass seeding (UK Native)

Tree Planting Objectives

A tree planting strategy has been developed and is based on a number of key objectives:-

- Provide a network of trees across the site building on the existing
- Enhance wildlife habitats in the rural area to improve local biodiversity
- Promote sustainable planting
- Provide visual amenity

Tree Planting Specification

- All tree planting is specified as rootballed and must be planted during the planting season, i.e. when the tree is 'dormant' from November to March.
- Proposed tree sizes are minimum sizes at time of planting.
- All tree planting to be in accordance with BS3936 - Nursery Stock Specification for Trees and Shrubs.
- Note: Tree heights are shown for indicative purposes only. Tree heights vary between species and nursery and are shown for indicative purposes only.
- All trees to be planting in appropriate tree pits using 7 parts landscape quality topsoil to 3 parts compost and with appropriate tree staking. The base of the tree pit is to be broken and loosened to aid drainage.

Softworks Maintenance

General Tasks

1. Maintenance visits to be made fortnightly during the growing season and as necessary thereafter.
2. Keep planted areas clear of weeds. Do not use herbicides within planting areas.
3. Keep all planting areas clear of litter and rubbish.
4. Ensure plants have adequate supply of water.
5. Ensure all trees & shrubs are checked for wind damage including staking requirements.
6. Remove all arisings from site and do not fertilise

Hedge Planting

No regular pruning necessary but must be kept trimmed and kept in the desired shape once established.

Tree Planting

Water as required. Re-mulch, fertilize and prune, removing any dead or damaged wood.

Topsoil Requirements

Tree & Hedge planting requires imported topsoil to BS3882:2015. All topsoil to meet the requirements of BS3882:2015. All aspects of the standard must be complied with, including soil handling and storage.

Planting Schedules

Proposed Native Mixed Hedge

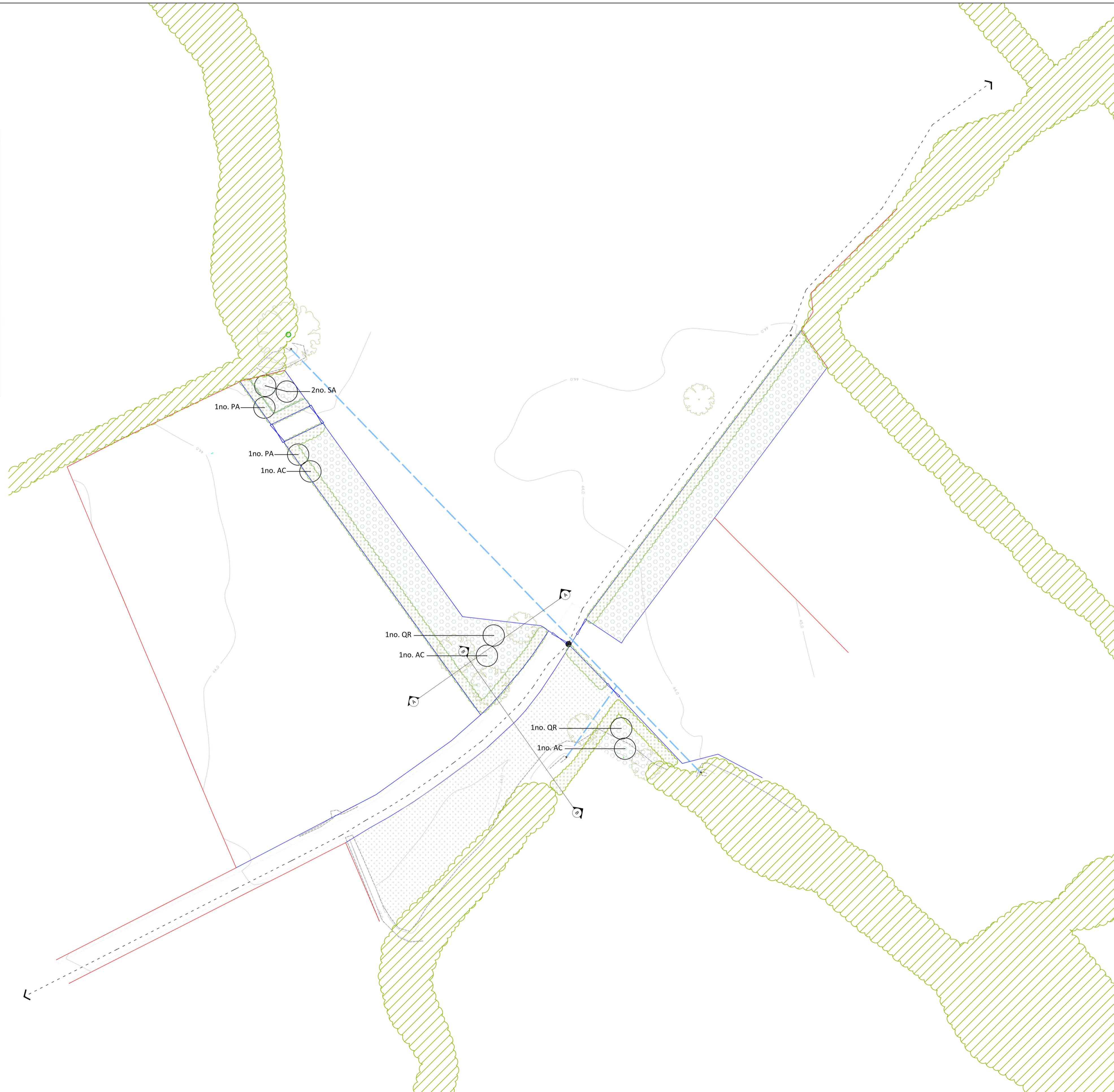
Number	Abbrev.	Species	Size	Specification	Density
30	Cm	<i>Crataegus monogyna</i> (Hawthorn)	2L	Full-Pot: C	5/m ²
152	Ca	<i>Corylus avellana</i> (Hazel)	2L	Full-Pot: C	5/m ²
30	Fs	<i>Fagus sylvatica</i> (Beech)	2L	Full-Pot: C	5/m ²
30	Ia	<i>Ilex aquifolium</i> (Holly)	2L	Full-Pot: C	5/m ²
30	Ps	<i>Prunus spinosa</i> (Blackthorn)	2L	Full-Pot: C	5/m ²
30	Rc	<i>Rhamnus cathartica</i> (Buckthorn)	2L	Full-Pot: C	5/m ²

Proposed Tree Planting

Number	Abbrev.	Species	Size	Specification
3	AC	<i>Acer campestre</i> (Field Maple)	12-14cm girth - Heavy Standard (approx. 3-4m height)	Clear stem. Root balled. Staked.
2	PA	<i>Prunus avium</i> (Sweet Cherry)	12-14cm girth - Heavy Standard (approx. 3-4m height)	Clear stem. Root balled. Staked.
2	QR	<i>Quercus robur</i> (Common Oak)	12-14cm girth - Heavy Standard (approx. 3-4m height)	Clear stem. Root balled. Staked.
2	SA	<i>Sorbus aucuparia</i> (Mountain Ash)	12-14cm girth - Heavy Standard (approx. 3-4m height)	Clear stem. Root balled. Staked.

Proposed Wildflower Meadow

Emorsgate Seeds: EM2 – Standard Purpose Meadow Mixture	Sowing rate
Wildflowers (15%)	4g/m ²
(1%) <i>Betonica officinalis</i> , (3.5%) <i>Centaurea nigra</i> , (0.1%) <i>Daucus carota</i> , (1%) <i>Filipendula ulmaria</i> , (0.3%) <i>Galium verum</i> , (0.5%) <i>Leucanthemum vulgare</i> , (0.9%) <i>Lotus corniculatus</i> , (1%) <i>Malva moschata</i> , (2%) <i>Plantago lanceolata</i> , (0.1%) <i>Primula veris</i> , (0.1%) <i>Prunella vulgaris</i> , (1%) <i>Ranunculus acris</i> , (3.5%) <i>Vicia cracca</i>	
Grasses (85%)	
(8.5%) <i>Agrostis capillaris</i> , (34%) <i>Cynosurus cristatus</i> , (25.5%) <i>Festuca rubra</i> , (17%) <i>Poa pratensis</i>	



LEGEND

SOFTWORKS

- Proposed Native Mixed Hedgerow**
Refer to planting schedule
- Proposed Mixed Native Whip Tree Planting**
Planted on a grid to 3m x 3m density. Area to be seeded with wildflower and grass standard purpose Meadow Mixture EM2 by Emorsgate Seeds (or similar). Refer to planting schedule
- Proposed Wildflower Meadow Seeding**
Standard Purpose Meadow Mixture EM2 by Emorsgate Seeds (or similar). Refer to planting schedule
- Existing Hedgerow**
Extent of existing hedgerows outside area of topographical survey shown for illustrative purposes only. Location of hedgerows inferred from aerial photography.
- Proposed Tree**
Refer to planting schedule
- Existing Tree Retained**
- Fencing - Existing**
Note - extent of existing fence lines outside area of topographical survey unknown.
- Fencing - Proposed**
Horse stock fencing, specification TBC
- Gate - Proposed**
Timber 5 bar field gate
- Stile - Proposed**
Timber stile with dog gate
- Public Right of Way**
Shown for illustrative purposes only
- Approximate route of new 600mm dia pipe**

Notes:

- Extent of existing hedgerows outside area of topographical survey shown for illustrative purposes only. Location of hedgerows inferred from aerial photography.
- For sections refer to drawings:
Section A-A refer to drawing 0151-GLA-XX-00-DR-L-0050
Section B-B refer to drawing 0151-GLA-XX-00-DR-L-0051

Revision	POI	Rev	Author	Apvnt	Date
For Planning	S4	P06	EGA	AGA	08/08/22
For Planning	S4	P05	EGA	AGA	22/06/22
For Planning	S4	P04	EGA	AGA	15/06/22
For Planning	S4	P03	EGA	AGA	13/06/22
For Planning	S4	P02	EGA	AGA	08/06/22
Draft for comment	S2	P01	EGA	AGA	01/06/22

Gant Landscapes Architects
Three Storeys, Old Bristol Road

Client: [Redacted]
Project: Cross Farm, Colethrop, Haresfield
Title: Planting Plan

Dwg. No. 0151-GLA-XX-00-DR-L-0030 Scale: 1:500 @A1
Revision: P06 Date: May 2022

For Planning