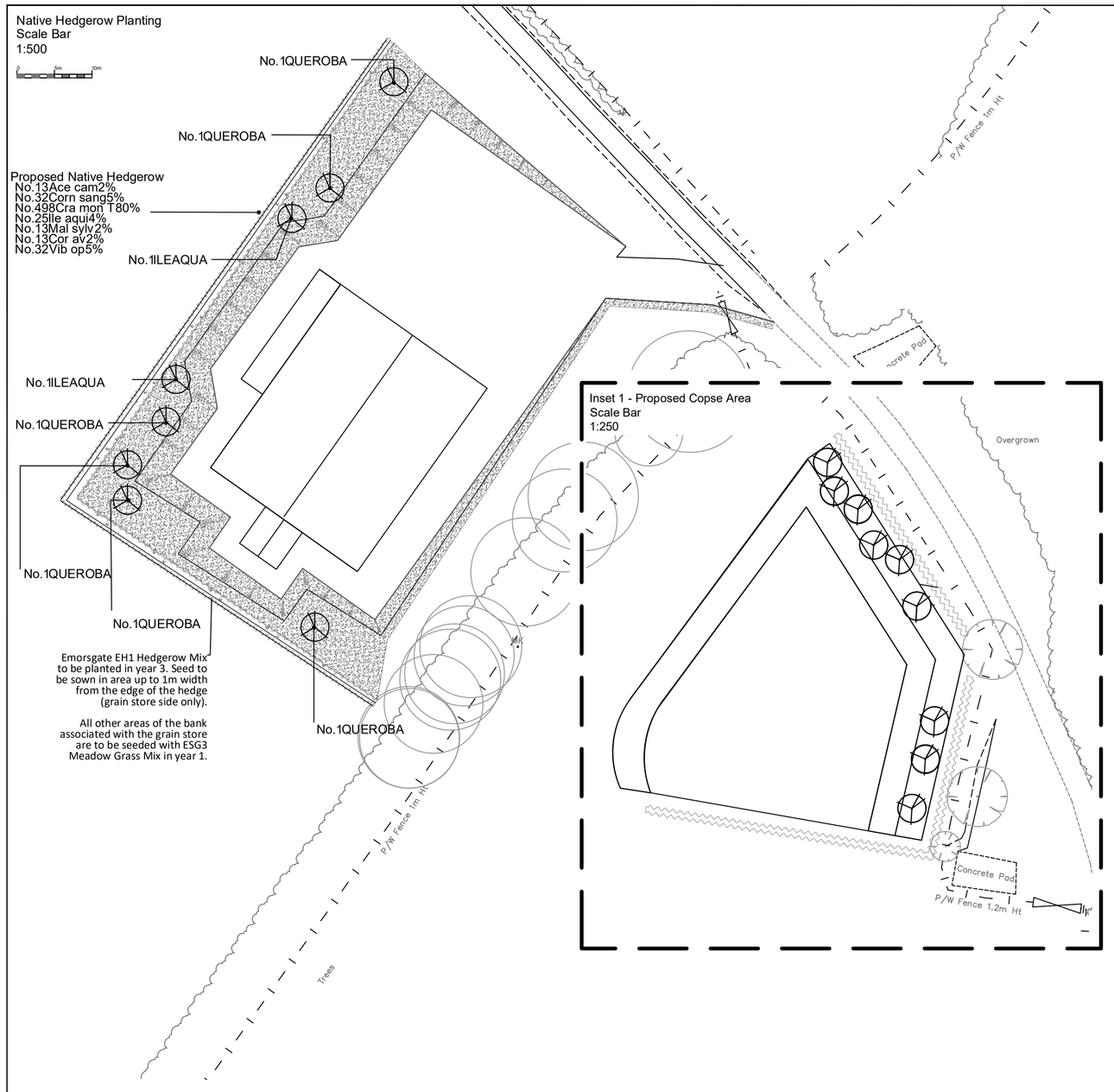
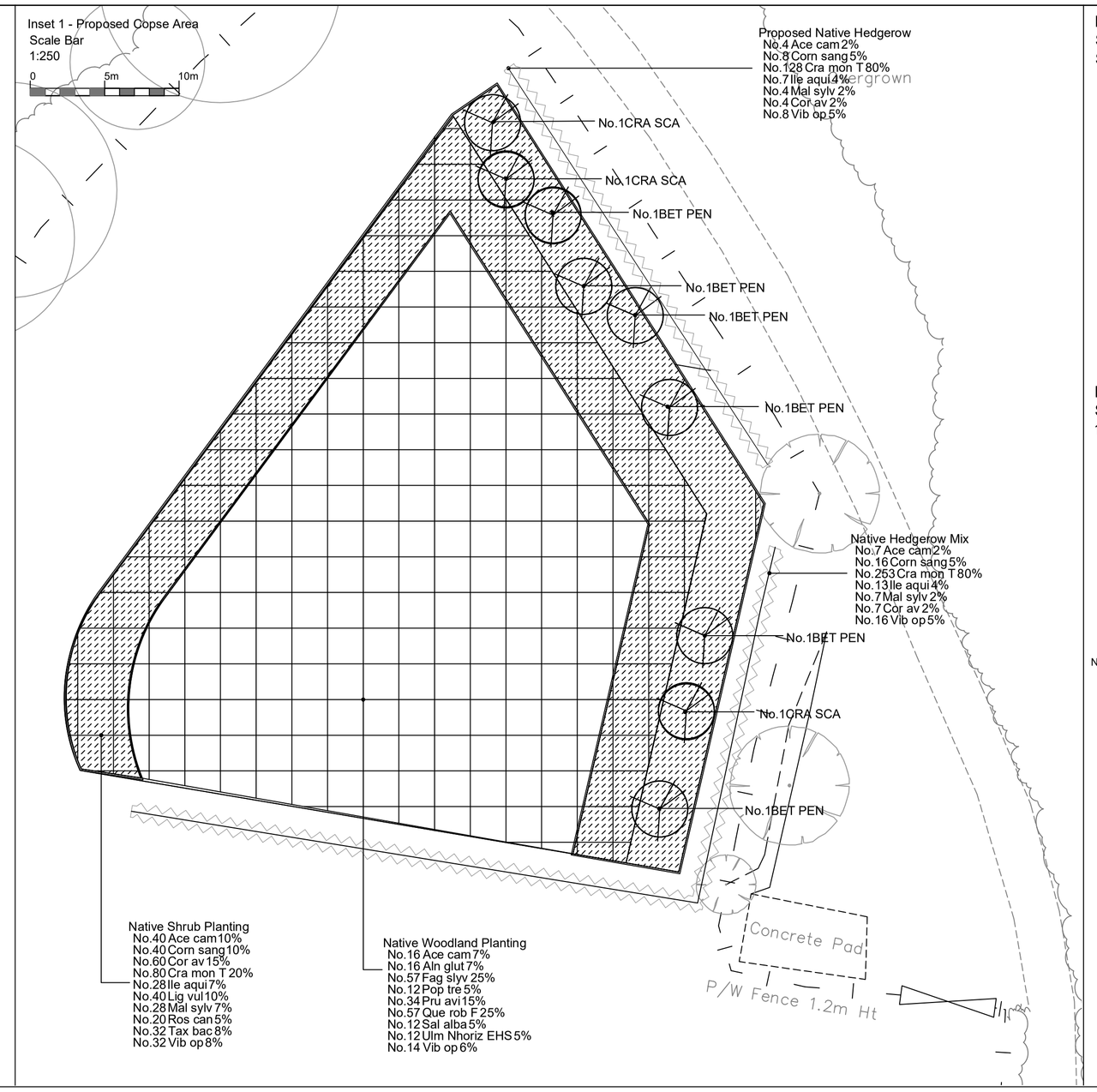
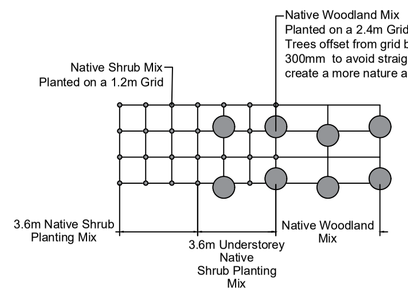
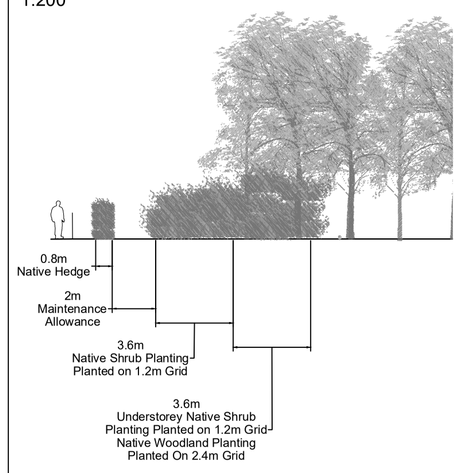




Example of Planting Intervals
See Planting Specification
Scale 1:200



Indicative Woodland Planting
Section
1:200



NOTES

1. The use of this data by the recipient acts as an agreement of the following statements. Do not use this data if you do not agree with any of the following statements.
2. This drawing remains the copyright of Illman Young Landscape Design.
3. Do not scale the drawing, except for planning purposes. All dimensions are in millimetres unless otherwise indicated. Use figured dimensions in all cases. Check all dimensions on site.
4. Report any discrepancies or omissions to the Landscape Architects before proceeding.
5. This document is to be read in conjunction with the specification and all other project documentation.
6. OS information reproduced from Ordnance Survey Map with permission of Promap, Crown Copyright; Illman Young Landscape Design Licence number LIG0169

KEY:

Soft Landscape Areas

Individual Proposed Tree Planting
Planted as shown

Proposed Hedge Planting
TYPE: NATIVE (SEE SCHEDULE)
PREPARED SITE SOIL
DENSITY: DOUBLE STAGGERED ROW AT 0.4m CTR

Proposed Native Woodland
TYPE: NATIVE (SEE SCHEDULE)
TOPSOIL DEPTH: 450mm
DENSITY: 2.4m CENTRES

Proposed Native Shrub Planting
TYPE: NATIVE (SEE SCHEDULE)
PREPARED SITE SOIL
DENSITY: 1.2m CENTRES

Meadow Grass Mix
SEED MIX: Emorsgate ESG3 Meadow Grass Mix
TOPSOIL PREPARATION: AS REQUIRED
APPLICATION RATE: 2g/m2

GENERAL PLANTING SPECIFICATION

NOTE:These implementation and maintenance guidelines are for planning purposes only to indicate the level of workmanship to be specified and do not constitute a detailed specification.

GENERAL
All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE. All plants shall be of the species and sizes shown in the plant schedule. Planting shall not be carried out when the ground is waterlogged, frost bound or during periods of cold drying winds. All stock to be of native provenance. All bare root stock shall be root dipped in an approved water-retained polymer.

TREES AND SHRUBS

Ground Preparation -
Where necessary treat existing weeds with a glyphosate based herbicide and allow a suitable period as recommended by the manufacture for this to be effective. A general purpose slow release fertiliser at the rate of 75gms/sqm and Tree Planting and Mulching Compost at the rate of 20ltrs/sqm are to be incorporated into the top 150mm of topsoil during final cultivations. All extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from the planting bed.

Individual Trees Planting-
All individual feathered trees to be planted as drawn within tree pits. Tree pits to the specified size are to be excavated and the base broken up a further 150mm with the sides well scarified to prevent smearing.

TREE SIZE	TREE PIT MM	TPMC lts	ENMAG gms
Fthd	1200x1200x600	20	75

TREES AND SHRUBS CONTINUED...
All feathered trees are to be protected with spiral guards and supported with 75mm diameter stump stakes (600mm above GL) either side of the tree and a crossbar. Stakes shall be driven 500mm into undisturbed ground before planting the tree. Tree pitts to be backfilled with topsoil incorporating slow release fertiliser and Tree Planting and Mulching Compost as specified, firm trees in well and secure with proprietary rubber tree ties and spacers.

Copse Woodland -
Tree (transplants) are to be notch planted container grown trees are to be pitt planted. All tree will be set out on an informal 2.4m grid, to avoid straight lines each planting station can be adjusted by up to 300mm in any direction. All transplant trees are to be protected with Green Guard Compostable Tree Shelters or similar and supported with 90cm x 24mm-26mm Cane. Bushy container grown species such as Holly are to be protected by Shrub Shelters.

Shrub Planting-
Shrubs are to be notch planted on an informal 1.2m grid. All shrubs are to be protected with Shrub Shelter Mesg Guards and supported with 90cm x 24mm-26mm Cane.

Water in all trees and shrubs at the end of each day of planting.

MAINTENANCE AND FIVE YEAR MANAGEMENT

All stock deemed to be dead, dying or diseased shall be replaced after year the 1st and 4th growing season. The following operations should be undertaken from year 1 to 5:

Weed clearance: All planting areas to be kept weed free using approved herbicides a 1m diameter (for trees) and 750mm (for the shrubs) circle centered on each planting station shall be kept weed free for first two years of growth. To be undertaken twice per year in Early May and September.
Litter clearance: All litter is to be removed from planting beds.
Watering: Planting should not be require watering unless under exceptionally dry circumstances. Trees should be inspected once a week during prolonged dry periods and watered if required. This is more important in the first two growing seasons plants are unlikely to require watering in year 3-5.
Checking trees: All trees should be checked following any storms for signs of damage.

MANAGEMENT OF EXISTING TREES ADJACENT TO SITE
Replacements to any ash trees adjacent to the store that die of Ash dieback are to be replaced.
For every one ash tree lost it is to be replaced 1 to 3 with either one oak or one beech in addition to two hollies for every tree lost.

Fag slyv	Fagus sylvatica	Feather : C	Height: 1.20m
Que rob F	Quercus rubur	Feather : C	Height: 1.20m
Ile aqui	Ilex aquifolium	Bushy : C	Height: 600-900mm

YEAR 5 MANAGEMENT-
All stakes, canes ties and guards shall be removed and recycled/composted/disposed of as per the manufacturers instructions.

NATIVE HEDGE PLANTING

Ground Preparation and Setting Out
The hedge line shall be set out using 38x38x1200 stakes. All herbaceous material within 500mm of the centreline shall be sprayed out using an approved herbicide at least two weeks before planting (copse only). A 600mm wide and 300-400mm deep trench shall be dug and the backfill mixed with 80ltrs TPMC and 100gms slow release fertiliser per 4 linear metres. Plants shall be set out in two rows 400mm apart and staggered at 400mm centres.

Maintenance
Following planting cut hawthorn back by 50% to encourage bushy growth. Hedge lines shall be kept weed free. Each Autumn during the first two years after planting all plants which are dead, dying or diseased and are to be replaced during the following planting season.

MEADOW GRASS SEEDING

Amenity grass seed shall be Emorsgate ESG3 Meadow Grass Mix sown at 2g/m2 into prepared ground as per the plans.

Preparation for seeding
During any fallow period prior to sowing, the tilth shall be maintained free from weeds. No seed shall be sown until the cultivation and preparatory works have been completed. Areas of existing grass and weeds shall be sprayed out with a glyphosate based herbicide no less than 24 hours prior to cultivations to create a stale seed bed. Areas to be seeded shall be cultivated to a depth of 100mm, and all weeds, deleterious material and stones exceeding 25mm diameter removed. Areas to be seeded shall have an even surface, be lightly consolidated and raked to a fine tilth to receive the seed.

Sowing
Sowing shall be undertaken between April and October within a wet/warm period; dry or cold periods to be avoided. Sowing shall be carried out during calm, weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at the rates as specified.

HEDGEROW MEADOW (HEDGE BY GRAIN STORE)

In year 3 (post hedge planting) an area up to 1m width from the edge of the hedge shall be seeded with Emorsgate EH1 Hedgerow Mixture sown at 4g/m2.

Remove weeds with a glyphosate herbicide and lightly roughen an area 300mm width from the hedge plants and lightly cultivate the following 700mm of 1m width, removing all weeds debris and stones within the 1m area from the hedge.

Sowing
The sowing of the Hedgerow Mix shall be undertaken between April and October within a wet/warm period; dry or cold periods to be avoided. Sowing shall be carried out during calm, weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at the rates as specified.

Planting Schedule

TREES

Abbreviation	Species	Girth	Height	Pot Size	Specification	Density	Number
Ace cam	Acer campestre		2.0-2.5m		Feather :C :Multi-Stemmed	Counted	3
BET PEN	Betula pendula		2.5-3.0m		Feather :C	Counted	6
CRA SCA	Crataegus laevigata 'Paul's Scarlet'		1.2-1.5 m		Feather :C :Multi-Stemmed	Counted	3
ILEAQUA	Ilex aquifolium		100-120cm		C :Feather	Counted	2
QUEROBA	Quercus robur		1.2m		C :Feather	Counted	6
							Total :20

SHRUB UNDERSTOREY MIX

Abbreviation	Species	Height	Percentage Contribution	Specification	Density	Number
Ace cam	Acer campestre	40-60cm	10%	Transplant :1+1 :B	1.2Ctr	40
Corn sang	Cornus sanguinea	40-60cm	10%	1+1 :BR :Branched	1.2Ctr	40
Cor av	Corylus avellana	40-60cm	15%	Transplant :1+1 :B	1.2Ctr	60
Cra mon T	Crataegus monogyna	40-60cm	20%	Transplant :1+1 :B	1.2Ctr	80
Ile aqui	Ilex aquifolium	40-60cm	7%	C :Bushy	1.2Ctr	28
Lig vul	Ligustrum vulgare	40-60cm	10%	Transplant :1+1 :B	1.2Ctr	40
Mal sylv	Malus sylvestris	40-60cm	7%	Transplant :1+1 :B	1.2Ctr	28
Ros can	Rosa canina	40-60cm	5%	1+1 : :BR :Branched	1.2Ctr	20
Tax bac	Taxus baccata	40-60cm	8%	C :Leader	1.2Ctr	32
Vib op	Viburnum opulus	40-60cm	8%	1+1 :Branched	1.2Ctr	32
						Total :400

WOODLAND MIX

Abbreviation	Species	Height	Percentage Contribution	Specification	Density	Number
Ace cam	Acer campestre	40-60cm	7%	Transplant :1+2 :B	2.4Ctr	16
Aln glut	Alnus glutinosa	40-60cm	7%	Transplant :1+1 :BR	2.4Ctr	16
Fag slyv	Fagus sylvatica	40-60cm	25%	Bushy :C	2.4Ctr	57
Pop tre	Populus tremula	40-60cm	5%	Transplant :1+2 :B	2.4Ctr	12
Pru avi	Prunus avium	40-60cm	15%	Transplant : :1+1 :BR	2.4Ctr	34
Que rob F	Quercus robur	40-60cm	25%	Feather :C	2.4Ctr	57
Sal alba	Salix alba	40-60cm	5%	Transplant :1+2 :B	2.4Ctr	12
Ulm Nhoriz EHS	Ulmus 'New Horizon'	40-60cm	5%	Feather :C	2.4Ctr	12
Vib op	Viburnum opulus	40-60cm	6%	1+1 :Branched :BR	2.4Ctr	14
						Total :230

NATIVE HEDGE MIX

Abbreviation	Species	Height	Density	Specification	Percentage Contribution	Number
Ace cam	Acer campestre	40-60cm	0.4Ctr Double Staggered at 0.4m offset	Transplant :1+1 :B	2%	49
Corn sang	Cornus sanguinea	40-60cm	0.4Ctr Double Staggered at 0.4m offset	1+1 :BR :Branched	5%	117
Cor av	Corylus avellana	40-60cm	0.4Ctr Double Staggered at 0.4m offset	1+1 :BR :Bushy	2%	49
Cra mon T	Crataegus monogyna	40-60cm	0.4Ctr Double Staggered at 0.4m offset	Transplant :1+1 :B	80%	1845
Ile aqui	Ilex aquifolium	40-60cm	0.4Ctr Double Staggered at 0.4m offset	C :3 brks :Bushy	4%	94
Mal sylv	Malus sylvestris	40-60cm	0.4Ctr Double Staggered at 0.4m offset	Transplant :1+1 :B	2%	49
Vib op	Viburnum opulus	40-60cm	0.4Ctr Double Staggered at 0.4m offset	1+1 :BR :Branched	5%	117
						Total :2320

N

REV	DATE		BY	CHKD
1	30.11.20	Additional tree planting and species amendments following conversation with Landscape Officer.	IWK	SEI

illmanYOUNG

Project
ANDOVER GRAIN STORE

Client
C S HUNT AND SON

Title
PLANTING PLAN
AND 5 YEAR MANAGEMENT PLAN

Scale	Size	Date	Drawn	Checked
VARIES	A1	NOV 20	IFW	SEI

Status: PLANNING
Revision: 1
Drawing no.
21807-IYL-8450-XX-DR-L-4100