

**LIDL : CWMANN
NEAR LAMPETER
SA48 8DR**

**GREEN INFRASTRUCTURE
STATEMENT**



14 October 2024
Rev 26 November 2025
Rev 20 January 2025
Rev 27 July 2026

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GREEN INFRASTRUCTURE STATEMENT

LIDL STORE : CWMANN : NEAR LAMPETER SA48 8DR

1.0 INTRODUCTION

This is the Green Infrastructure Statement for the proposed Lidl store, carpark, and associated landscape and an adjacent field area. The Site is located at the junction of the A482 and A485 close to the River Teifi at a postal code SA48 8DR and grid reference SN 582473 at the northern edge of the village of Cwmann and is referred to as the 'Site' in this document. The area of the Site is 1.46 Hectares (3.62 Acres) and is roughly rectangular in shape.

2.0 TERMS

The definition of Green Infrastructure in Chapter 6 of Planning Policy Wales 12 February 2024 is

'Green infrastructure is the network of natural and semi-natural features, green spaces, rivers and lakes that intersperse and connect places. Component elements of green infrastructure can function at different scales and some components, such as trees and woodland, are often universally present and function at all levels. At the landscape scale green infrastructure can comprise entire ecosystems such as wetlands, waterways peatlands and mountain ranges or be connected networks of mosaic habitats, including grasslands. At a local scale, it might comprise parks, fields, public rights of way, allotments, cemeteries and gardens or may be designed or managed features such as sustainable drainage systems.. At smaller scales, individual urban interventions such as street trees, hedgerows, roadside verges, and green roofs/walls can all contribute to green infrastructure networks'.

The Environment (Wales) Act 2016 provides a context for the delivery of multi-functional green infrastructure. Its provision can make a significant contribution to the sustainable management of natural resources. Green infrastructure is capable of providing several functions at the same time and as a result offers multiple benefits, for social, economic and cultural as well as environmental resilience and respond to challenges presented by the climate emergency.

A Step Wise Approach is required to be demonstrated in the Green Infrastructure Statement.

To assess impacts on habitats and species

Step 1 Avoid

Step 2 Minimise

Step 3 Mitigate/Restore

Step 4 Compensate on Site

Step 4 Compensate Off-Site

Steps 1-4 Using the DECCA Framework for all relevant steps that require enhancement

Step 5 Long Term Management Plan

These steps will indicate how Net-Benefit-for-Biodiversity is achieved.

Without an achievement Step 6 would result in a refusal for a development.

Mitigation' to mean 'measures taken to avoid or reduce negative impacts', as separate from 'compensation' meaning 'measures taken to make up for the loss of, or permanent damage to, biological resources through the provision of replacement areas'

3.0 DOCUMENTS

Refer to the following documents as reference for the statement

- CA 2024-LMP-02 Rev A Lidl Cwmann Landscape Existing Features
- CA 2024-LMP-03 Rev E Cwmann Landscape Existing Features and Overlay
- CA 2024-LMP-04 Rev E Cwmann Landscape Proposals Overall
- CA 2024-LMP-05 Rev D Cwmann Landscape Trees, Hedges and Grass
- CA 2024-LMP-06 Rev D Cwmann Landscape Native Blocks and Planting Beds

- CA 2024-LMP-07Rev C Cwmann Landscape General Sections
- CA 2024-LMP-08 Rev A Lidl Cwmann Rear Elevation
- CA 2024-LMP-10 Rev A Lidl Cwmann Green Infrastructure
- CA Lidl Cwmann Planting Schedule rev 27 July 2026
- Arboricultural Report Pen-y-bont, Cwmann (ArbTS September 2026)
- Preliminary Ecological Appraisal (Biodiverse Consulting, 2026)
- Ecological Management Plan (Biodiverse Consulting, October 2026)
- 119796.642269-LIDL.NNMS_2024-10-23 (Lucion)
- 3384 P1403 Proposed GA Site Plan
-

4.0 EXISTING SITE DETAIL

EXISTING SITE

The existing Site is fenced on all sides with a hedgerow with off-site trees only on the western boundary. The western part of the Site is pasture field for horse grazing with a mound of timber debris and burnt material in the northern area.

The eastern side of the Site is a fenced off area has a mix of grass and hardstanding and has a burger van, a toilet facility and picnic tables and an access off the A485. The which with its space is able to serve as a convenient stop for lorry drivers going through the area. There are fragments at ground level of a tank foundation and other items from its previous use as Pen-y-Bont farm and the start of an access road construction from a previous planning approval. The pasture field and grass area around the Burger van are considered to be of low value due to their low diversity supporting a range of locally and nationally common species.

The western hedgerow and off-site trees is a mix of overgrown Goat Willow, Hazel and Ash (one Ash showing signs of ash die-back) and also Holly and Blackthorn will not be impacted by the impacted by the proposals and will be protectively fenced off during construction period.

There are areas of mixed scrub in eastern section of the Site and a small stand of Japanese Knotweed by the A482 fence adjacent to a large existing grass verge and these are of low ecological value due to their low diversity and the presence of a invasive non-native species. Some standing water lies over an old tank foundation again of low ecological value.

There are major overhead lines crossing the Site from east to west and a pole off Site at the south east corner with multiple overhead lines going along the Site frontage and connecting to the adjacent buildings across the road to east and south. A disused gas pipe line crosses the Site in a north south diagonal on the western side of the Site.

The Site is located in a rural area on the northern edge of the settlement of Cwmann in Carmarthenshire separated from the town of Lampeter in the county of Ceredigion by the River Teifi and its flood plain. The river meanders through the floodplain and the Site is separated in the north from the river by a and pasture field and treelined disused railway embankment and to east by the A482. A drainage ditch crosses the northern pasture field and goes under the A482 and forms an open drain alongside the stone retaining wall at the east side of the A482.

To the west is a pumping station behind the western boundary hedgerow and off-site trees. There are residential properties along the A485 to the west on both sides of the road.

To the south directly opposite the Site is a line of terraced houses some stone faced and some rendered. The distinctive yellow rendered Cwmanne Tavern is on the corner. A track and public right of way (PROW) lies in a break in the centre of the terrace. This track rises steeply uphill through woodland to further residential properties and a farm.

To the east there is a large existing grass verge by the Site boundary fence and over the road a mix of residential and commercial properties. One a shop with blue walls which is distinctive in some western views. To the side of the frontage buildings is a large access to industrial units at the rear. The side of this access facing the river floodplain has a low stone retaining wall which continues along

the east side of the A482 up to the river bridge in Lampeter. There is PROW from the A482 which crosses the floodplain to the east of the Site exiting onto Cellan Road.

There are pasture fields on each side of the river. These fields are bounded by fences or hedgerows, hedgerows with trees and tree groups according to location. These are mainly native species and provide good habitats for a range of protected and priority species outside the Site area within the floodplain. The disused railway line embankment is treelined and curves across the River Teifi from the northeast is cut through by the A482 about 60metres below the river bridge and then straightens to a westward line terminating by the Cwmann Rugby Training Ground. This feature is not typical of the flood plain landscape character.

4.2 PROPOSED SITE

The proposed development is constrained by a number of factors which are addressed within the proposals

- Overhead lines across the Site are to be undergrounded and diverted with an easement around the east and north boundary to link up with the overhead lines again at the western boundary. This constrains tree planting along part of the northern boundary area.
- The building is located at a level in the south east section of the Site to address the flood risk.

The scope of the landscaping of the landscape proposals are

- Planting beds at vehicle and pedestrian access points .
 - Native blocks combined with the internal hedgerow.
 - Native hedgerows along north and east boundaries and an internal boundary.
 - Proposed trellis/fence with semi-mature climbers and a wide planting bed with trees at the rear of the store.
 - Tree planting on all boundaries.
 - Tree groups of mainly alder and aspen in the western drainage field area for visual amenity and ecological benefit.
 - An Apple Orchard planted in the western drainage field with associated herringbone drainage to reduce phosphorus levels
 - Amenity grass areas around the store area in combination with trees and hedgerows. and western field meadow grass area to provide a landscape which feels more open and in keeping with adjacent the flood plain landscape features of fields, hedgerows and tree groups and lines and open feel.
 - Meadow grass area is to have a winter and autumn cut and arisings removed to enhance wildflower development and also contribute reduce phosphate levels.
 - A standing water pond will be located in the meadow grass area and the construction and management to the Engineer's detail.
 - Provision of ecological elements - hedgehog house and installation of bird and bat boxes.
 - Management for 5 years for the general Site.
 - Maintenance of landscaping for one year in landscape contract
 - Four years by Client agent five years total.
- 1-60 years to manage the drainage field pond, meadow grass and apple orchard all are actions to reduce phosphorus to a neutral level for the Site

The development has the potential to adversely impact the existing low value ecological features and many of these impacts are addressed at the design stage with a range of good practice avoidance, mitigation and compensation measures. Due to the proximity of ponds, river and ditches, precautionary measures will be provided as necessary for great crested newts, and otters until full assessments can be made for these species. The proposals for the Site intend to increase the biodiversity of the area and reduce phosphorus levels overall with design principles compatible with the general floodplain landscape character.

5.0 TREES

The Tree Report indicates that there are no trees only hedgerow on the western Site boundary. The hedgerow including off-Site trees is Goat Willow, Ash, Hazel, Blackthorn and Holly and is overgrown. One off-Site Ash shows signs of ash dieback.

The whole boundary is to be to have protective fencing. The diverted overhead line will be alongside the northern section of this hedgerow.

AVOIDANCE MEASURES

- implementation of fencing for tree protection prior to any demolition or clearance works is to avoid damage to the retained trees.

COMPENSATION/ENHANCEMENT

- Compensation is not required but enhancement is proposed with the planting of 311 linear metres of native hedgerow and 71 new trees. (including 15 No Apples as an Orchard to reduce phosphate levels)

6.0 ECOLOGY

6.1 HABITATS

The Preliminary Ecological Assessment (PEA) notes there are no priority habitats or ancient woodland on or bordering the Site. The following habitats on Site are :-

- Modified Grassland – two distinct types
 - Main field which is horse pasture of low value and diversity.
 - Mown grass area by the burger van of low value and low diversity.
- Mixed Scrub –of low value and low diversity.
- Developed Land Sealed Surfaces- hardstanding –of negligible value.
- Standing water over tank foundation – poor condition.
- Hedgerow and dry ditch on western boundary

Note the modified pasture grassland on Site is similar to the adjacent northern pasture field up to the disused treelined railway embankment.

PHOSPHORUS SENSITIVITY

The Site lies within the River Teifi Special Area of Conservation catchment and an assessment is required to assess the net change in phosphorus due to the proposed development and this has been made utilising the available Phosphorus Budget Calculator published by Ceredigion County Council. The results detail action which has to be undertaken and these are considered alongside the ecological works and timings

Nutrient Neutral Mitigation Strategy for the Site requires the following actions to reach a neutral point:

- A standing water pond which will remove phosphorus by sedimentation and every so often the sediment will be removed from Site. Pond construction and management to the Engineer's detail.
- The grass around the pond is to be cut and arisings removed as part of phosphorus control.
- 15No Malus Cox Self Fertile apple trees to be planted in the drainage field for phosphorus control .
- The apple orchard is to be monitored and restocked as necessary over a 60 year period – the life span of the store. All apples are to be collected and removed from Site.
- Use of inorganic and organic fertiliser are not to be used. The PAS fertiliser/compost is suitable for use and will be used for all planting on site.

6.2 PROTECTED AND PRIORITY SPECIES

The protected species which may occur on site are

- Great Crested Newt
 - Precautionary measures until further assessment determines likely impact on Site.
- Bats
 - No roosting potential and limited foraging potential
 - Site considered as low value to bats.
- Birds
 - The Site offers limited foraging and roosting opportunities for wintering birds.

- Badgers
 - Low value to badgers.
- Otter
 - Precautionary approach will be taken during construction to avoid impacts on this species.
- Reptiles
 - The Site is considered to be of low value to reptiles and a precautionary approach will be taken during construction to avoid impacts on this species.
- Dormouse
 - The Site provides limited suitable habitat for hazel and this species is scoped out of further assessment.
- Priority Species
 - The Site has the potential to support the priority species of hedgehogs, hares and toads. No evidence found on Site.

6.3 INVASIVE NON-NATIVE SPECIES

Invasive non-native species (INNS) Japanese Knotweed is noted as a single small standard on the easy boundary by the fence. It will be removed by treatment before any works occur in this location.

6.4 ECOLOGY SUMMARY

AVOIDANCE

The following measures should be incorporated into the design of the development, including the construction phase, to avoid and reduce impacts on wildlife:

- Avoid site clearance works during the nesting bird season (March to August inclusive) unless the site is checked by a Suitably Qualified Ecologist (SQE) and active nests are confirmed to be absent no later than 48 hours before works commence.
- External lighting will be designed in line with BCT guidance⁵ to reduce impacts on bats and a range of other wildlife associated with retained and off-site habitats.
- Special care should be taken to protect the River Teifi SAC/SSSI to the north and east of the Site with particular regard to phosphorus sensitivity.
- Precautionary measures for Great Crested Newts and Otters as necessary
- Precautionary measures as necessary for phosphates as necessary.
- Schedule 9 invasive species will be removed by a licensed specialist contractor.

MITIGATION

Mitigation is proposed to reduce the impacts on wildlife that cannot be avoided through design:

- All works will be undertaken in accordance with a CEMP (Construction Ecological Management Plan). Ecological receptors likely to be covered in this plan will include, but not be limited to hedgehog, birds, reptiles, and amphibians.
- All construction activities will be programmed to daytime hours to reduce disturbance to sensitive nocturnal species, such as bats and roosting bird species.
- Excavations should be securely covered or fenced overnight, or otherwise provide a means of escape for animals that may become trapped in the form of a ramp at least 300mm wide and angled no greater than 45°. Excavations should be inspected for the presence of animals before work recommences and, in the event of trapped animals being trapped, an ecologist contacted for advice.
- Gaps of at least 13cm x 13cm will be created within boundaries to facilitate movement of hedgehogs and other small animals through the Site.

COMPENSATION/ENHANCEMENT

Compensation is proposed to address the impacts on habitats which cannot be avoided or mitigated:

- Tree planting along the boundaries and also alongside of the internal store and carpark boundary with the field area. These trees are also important elements for mitigating visual impact.
- Native hedgerow planting along the north and eastern boundaries and along side of the internal store boundary with the field area, here it also includes some native block planting.

- The trees and hedgerows include berrying and fruit bearing species and pollinating species to provide increased foraging opportunities in the local area.
- The tree and hedgerow planting along the northern and eastern boundaries of the Site creates a buffer zone and increased connectivity to existing hedgerow and trees to the west.
- Planting beds with some pollinator species.
- Apple Orchard planted to reduce phosphate levels.
- Provide bird and bat boxes to the store building to provide roosting and nesting opportunities for birds and bats.
- Provide a hedgehog house as a refugia for hedgehogs.
- Manage the field area as meadow grass area to increase biodiversity and address phosphorus levels.
- Management and defects replacements for 5 years to enable the proposals to establish well and achieve their objectives for the general Site
- The western drainage field with the Apple Orchard, pond and meadow grass is to be managed and monitored for an overall 60years. (the life of the project) to address the calculated level of phosphate likely to be caused by the development and be neutralised.

6.5 DECCA FRAMEWORK

DIVERSITY

- Genetic and species diversity increased through habitat creation, enhancement and management to promote a greater diversity and number of fauna and flora species using the Site.

EXTENT

- The extent of the western hedgerow habitat and off-Site trees will be increased through the planting and management trees, hedgerows, native blocks, planting beds and grasslands.

CONDITION

- Habitat condition will be improved through habitat enhancement and management which will include removal of invasive species.

CONNECTIVITY

- Connectivity within the Site will be increased through creation and enhancement of linear boundary and internal habitats.
- Connectivity in the wider landscape will be improved through structural planting on the north and east boundaries that will provide a buffer and increase in extent of habitats to adjacent existing off-site habitat.

ASPECTS OF ECOSYSTEM RESILIENCE

- Adaptability of the local ecosystem to disturbance will be maintained through an increase in connectivity to the western boundary that will allow for movement away from disturbance in the local area.
- Recovery of ecosystems will be improved through an increase in the diversity of habitats providing new homes for nature within the local area.
- Addressing the phosphorus levels in an area of phosphorus sensitivity.

7.0 DRAINAGE AND BUILDING

- The proposed Site will have hard surfaces with gullies and drains the proposed scheme will ensure water pollution into the adjacent ditches and ponds and ultimately the River Teifi SAC and SSSI is avoided.
- The western field grassland will be used to mitigate flooding
- The Building is designed to have photovoltaics on the roof to reduce the required power input for the project.

8.0 SITE SETTING

The Site is not within a designated areas but is within 2 Kilometres of the following : :

DESIGNATIONS

- (SAC) Special Area of Conservation River Teifi. The Site lies within the River Teifi Special Area of Conservation catchment and an assessment is required to assess the net change in

phosphorus due to the proposed development and this has been made utilising the available Phosphorus Budget Calculator published by Ceredigion County Council.

- (SSSI) Site of Special Scientific Interest River Teifi.
 - The northern section of River is 146m from the Site boundary
 - The eastern section of Rive 32m from Site boundary.

The two designations apply to the River itself and does not apply to the flood plain overall.

- The reason for designation is large river flowing over hard rock. It is mainly mesotrophic with some oligotrophic sections and represents an outstanding example of a sub-type 3 river with water-crowfoot.

Annex 1 Habitats Present:

Oligotrophic to mesotrophic standing waters with vegetation, clear soft water with low to moderate levels of plant nutrients characterised by shoreweed (*Littorelletea uniflorae*) and/or of the Isoëto-Nanojuncetea class of . amphibious short annual vegetation, pioneer of land interface zones of lakes, pools and ponds with nutrient poor soils, or which grows during periodic drying of these standing waters

Annex 2 species recorded present

- Brook lamprey
 - River lamprey
 - Atlantic salmon
 - Bullhead
 - Otter
 - Floating water-plantain
-
- National Landscape Character Area NLCA40 Teifi Valley
It is the longest river in West Wales with many small tributaries and wide meanders. The Site is within the middle section of the River Teifi. It has complex patchwork of field patterns and woods with permanent grazing and some improved fields. It is subject to regular floodings in winter. Llyn Pencarreg is a small oligotrophic lake in the Teifi valley south of Lampeter, locally important for the diversity of wintering waterfowl and breeding pochard. The settlements of Cwmann and Lampeter are separated by the River Teifi with a stone bridge again a characteristic of the Area. A stone wall extends from the bridge and along the east side of the A482 to the access to the industrial buildings opposite the Site. The traditional buildings of the Area are simple in form of local stone and slate but modern buildings show great variety in style and material. There is tendency to brightly colour old buildings. The terrace of houses south of the Site some are stone and some rendered and Cwmanne Tavern painted bright yellow. The Site is in a pasture field with the mown grass area and hedgerow on the west boundary and post and rail and wire fences and fits the flood plain character to some extent. The disused railway embankment cutting across the floodplain is a uncharacteristic feature close to the Site within the flood plain.

The area forms a natural boundary between what is now Ceredigion and the areas to the south, and has been at times heavily fortified. Key historic features within the Teifi Valley today are castles, hillforts along the valley sides and stone bridges in the valley bottom. Many of these are Scheduled Ancient Monuments, for example Lampeter Castle mound, Castell Olwen hillfort,

8.1 RURAL EDGE SETTING

The Site is either within or connected or outside and not connected to any of the following:

- Not connected to a Conservation Area
- Not close to any listed buildings or scheduled monuments.
- Not close to Scheduled Ancient Monuments eg Castell Allt-goch, Castell Goetre, Castell Olwen, Forts, Enclosures, Careg y Bwci, and Cairns on the valley sides.
- Residential properties and Cwmanne Taverne.
- A482 and A485 roads and associated footpaths.
- National Cycle Route 82.
- Nearby PROWs (Public Right of Way)

- A track and PROW lies in a break in the centre of the terrace on the opposite side of the A485 south of the Site.
- A PROW in a break in the stone wall on east of the A482 across the flood plain existing on Cellan Road
- Public services and overhead lines.
- A large overhead line which crosses the Site and is to be undergrounded and diverted. An easement has been allowed for the diverted route.
- Service boxes, lampposts, and underground services in adjacent roads and footpaths.
- Pumping Station
- Flood plain of Teifi river which is designated as an SAC and an SSSI.
- Disused tree lined railway embankment.
- Industrial and commercial units
- Grass verge
- Existing access and some associated works
- Some foundations of old Pen-y- Bont farm
- Boundary of Ceridigion and Lampeter town sign
- Hedgerow and off-site trees on western boundary

8.2 GREEN AND BLUE INFRASTRUCTURE

The Site lies within the valley floor of the River Teifi and there is blue infrastructure of the river, its many tributaries, ponds and ditches intertwined with the green infrastructure of hedgerows, tree lines and tree groups and pasture fields. There were no trees on Site and only a western hedgerow and with the new structure planting of trees and hedgerows it provides new continuity links to the areas connected to the western hedgerow. The proposed development also creates new and enhanced local habitats with the increase species diversity. The Site is within a phosphorus area of sensitivity and the proposals include neutralising the project's impact on phosphorus.

9.0 LONG TERM MANAGEMENT

The Site has a Landscape and Ecological Design Scheme with a 5 Year Management Plan which will include landscape annual inspections and reports to assess the establishment of the landscape and undertake defects replacements in this period and will be copied to the ecologist. The ecologist will undertake monitoring inspections in years 1 and 5 with additional visits made if annual reports raise issues. Revisions to the management plan will be made as necessary to assist successful establishment for the General Site. There will be an additional 45 years to address phosphorus actions in the western drainage field Apple Orchard, Pond and Meadow Grass for an overall 60 years (the life of the Project) which include monitoring by an ecologist/horticulturalist every 2 years.

10.0 SUMMARY OF SITE AND NET BIODIVERSITY GAIN.

The Site itself has limited ecological value and is fragmented by fencing into separate areas. The proposed site will provide an opportunity to reduce fragmentation and increase diversity and create and enhance habitats

Overall Site area 14600m²

The existing Site has

- | | |
|-----------------------|---------------------|
| • Existing Hedge | 196m ² |
| • Trees | 0No |
| • Japanese Knotweed | 1m ² |
| • Pasture field | 11048m ² |
| • Grass by Burger Van | 832m ² |
| • Scrub | 599m ² |
| • Water | 100m ² |
| • Hardstanding | 2021m ² |

The proposed Site will have the following

- | | |
|------------------|--------------------------------------|
| • Existing Hedge | 196m ² |
| • Native Hedges | 311 linear metres/ 311m ² |

- Native Blocks 92m2
- Tree planting 71No
- Planting Beds 411m2
- Amenity Grass 854m2
- Meadow Grass 4375m2
- Developed Area 8361m2

Overall the proposals increase the area of hard standing but increase biodiversity of all other habitat areas and with a management plan to ensure the proposed landscape establishes and ecological objectives are met

- Apply good horticultural and ecological practice to all operations.
- Promote healthy growth and establishment of all planting and landscaped areas.
- Promote wildlife value and species diversity where appropriate.
- Monitor bat and bird boxes for usage for nesting or roosting.

The Statement undertakes the Step system within the different disciplines of landscape, arboriculture, building, drainage, ecology and site setting. Avoidance and Mitigation undertaken, Compensation and Enhancement is on-Site.

Overall the proposals, considering the detail of the proposals and the Site's current low ecological value with limited diversity, the Site will provide a significant biodiversity net gain.



Vegetation to be Removed

Rushes

Existing Trees and Vegetation

Grass Areas

Bank/Contours

River,Pond, Ditches

Fence

Application Boundary

Public Rights of Way

National Cycle Route 82

CA-2024- LMP-02 Rev A
7 Oct 2024
Footpaths and cycleway added

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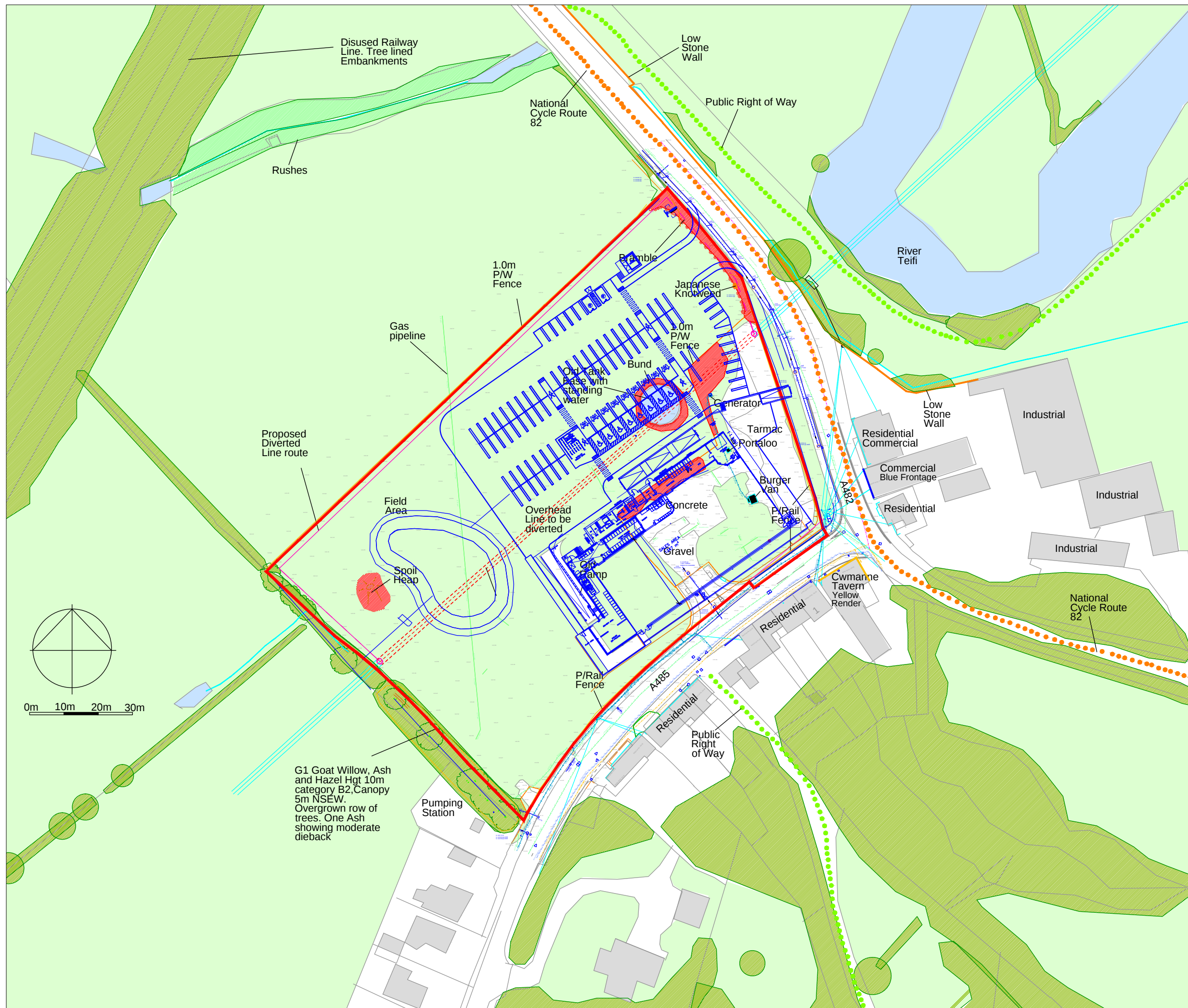
Project
CWMANN
Nr LAMPETER
SA48 8DR

Drawing Title
EXISTING FEATURES

Scale
1:750 at A2

Date
23 September 2024

Drawing No
173 CA-2024- LMP-02 Rev A



Vegetation to be Removed

Rushes

Existing Trees and Vegetation

Grass Areas

Bank/Contours

River,Pond,Ditches

Fence

Application Boundary

Public Rights of Way

National Cycle Route 82

Proposed Development

CA-2024- LMP-03 Rev A

7 October 2024

Revised Layout

CA-2024- LMP-03 Rev B

15 October 2024

Revised Layout

CA-2024- LMP-03 Rev C

26 November 2024

Revised Layout

CA-2024- LMP-03 Rev D

20 January 2025

Drainage and Apple Orchard added

CA-2024- LMP-03 Rev E

26 July 2026

Revised Layout

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Project

CWMANN

Nr LAMPETER

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Drawing Title

EXISTING FEATURES

AND OVERLAY

Scale

1:750 at A2

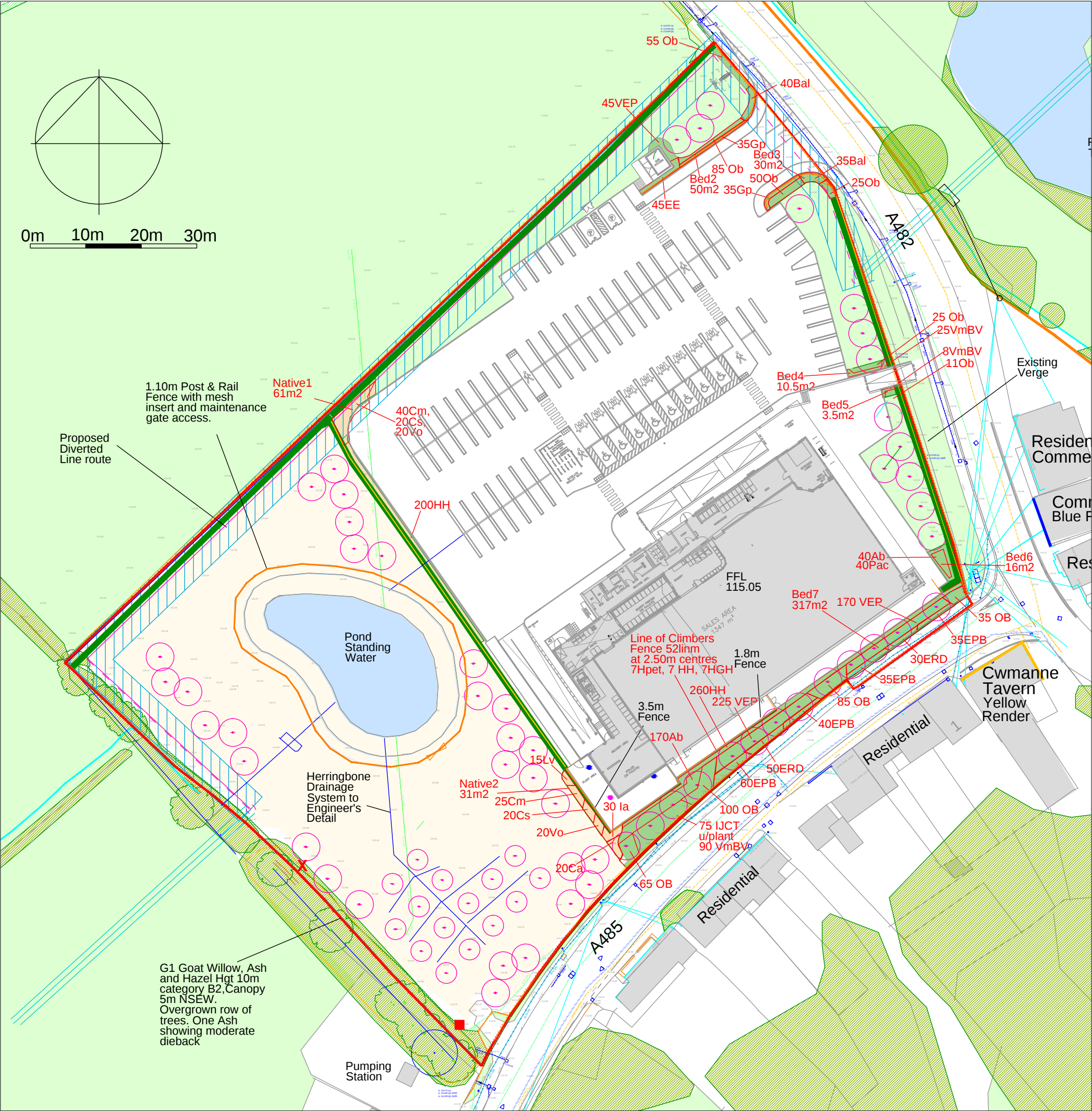
Date

23 September 2024

Drawing No

173

CA-2024- LMP-03 Rev E



NATIVE BLOCKS 1-2				NATIVE 1-2		92 m2
Cm	Crataegus monogyna	N	P	Hawthorn	60-90cm 1+1	65 No
Ca	Corylus avellana	N	P	Hazel	60-90cm 1+1	20 No
Cs	Cornus sanguinea	N	P	Dogwood	60-90cm 1+1	40 No
la	Ilex aquifolium	N	P	Holly	30-45cm 3Lpot	30 No
Lv	Ligustrum vulgaris	N	P	Wild Privet	60-90cm 1+1	15 No
Vo	Viburnum opulus	N	P	Gelder Rose	60-90cm 1+1	40 No
HH	Hedera helix Hibernica	N	P	Ivy	60-90cm 2Lpot	210 No
TOTAL						420 No

PLANTING BEDS 1-7				CLIMBERS		411 m2
Hpet	Hydrangea petiolaris	P		Planted at 2.50m centres		52 linn
HH	Hedera Hibernica	P		Self Climbing Climber	On Frame 90cm + 5L pot	7 No
HGH	Hedera helix Goldheart	P		Self Climbing Climber	On Frame 90cm + 5L pot	7 No
				Self Climbing Climber	On Frame 90cm + 5L pot	7 No
PLANTING BEDS						
Ab	Abelia grandiflora	P		Abelia	40-60cm 3Lpot	210 No
Bal	Ballota pseudodictamnus	P		False Dittany	20-30cm 2Lpot	75 No
EE	Elaeagnus ebingei	P		Oleaster	45-60cm 3Lpot	45 No
EPB	Euonymus Paloma Blanca	P		Dwarf Euonymus	20-30cm 2Lpot	170 No
ERD	Euonymus Red Darts Blanket	P		Dwarf Euonymus	20-30cm 2Lpot	80 No
Gp	Gaultheria procumbens	P		Checkerberry	20-30cm 2Lpot	70 No
HH	Hedera Hibernica	N	P	Form of large leafed Ivy	60-90cm 2Lpot	260 No
UCT	Ilex JC Van Tol	P		Form of Holly	30-45cm 3Lpot	75 No
Pac	Pachysandra terminalis	P		Evergreen Groundcover	2Lpot	40 No
OB	Osmanthus burkwoodii	P		Evergreen scented	45-60cm 3Lpot	536 No
VEP	Viburnum tinus Gwentlian	P		Periwinkle	45-60cm 3Lpot	440 No
VmBV	Vinca minor Bowles Variety	P			20-30cm 2Lpot	123 No
TOTAL						2145 No

CA-2024- LMP-06 Rev A

15 October 2024

Revised Layout

CA-2024- LMP-06 Rev B

26 November 2024

Revised Layout

CA-2024- LMP-06 Rev C

20 January 2025

Drainage and Apple Orchard

added

CA-2024- LMP-06 Rev D

27 July 2026

Revised layout

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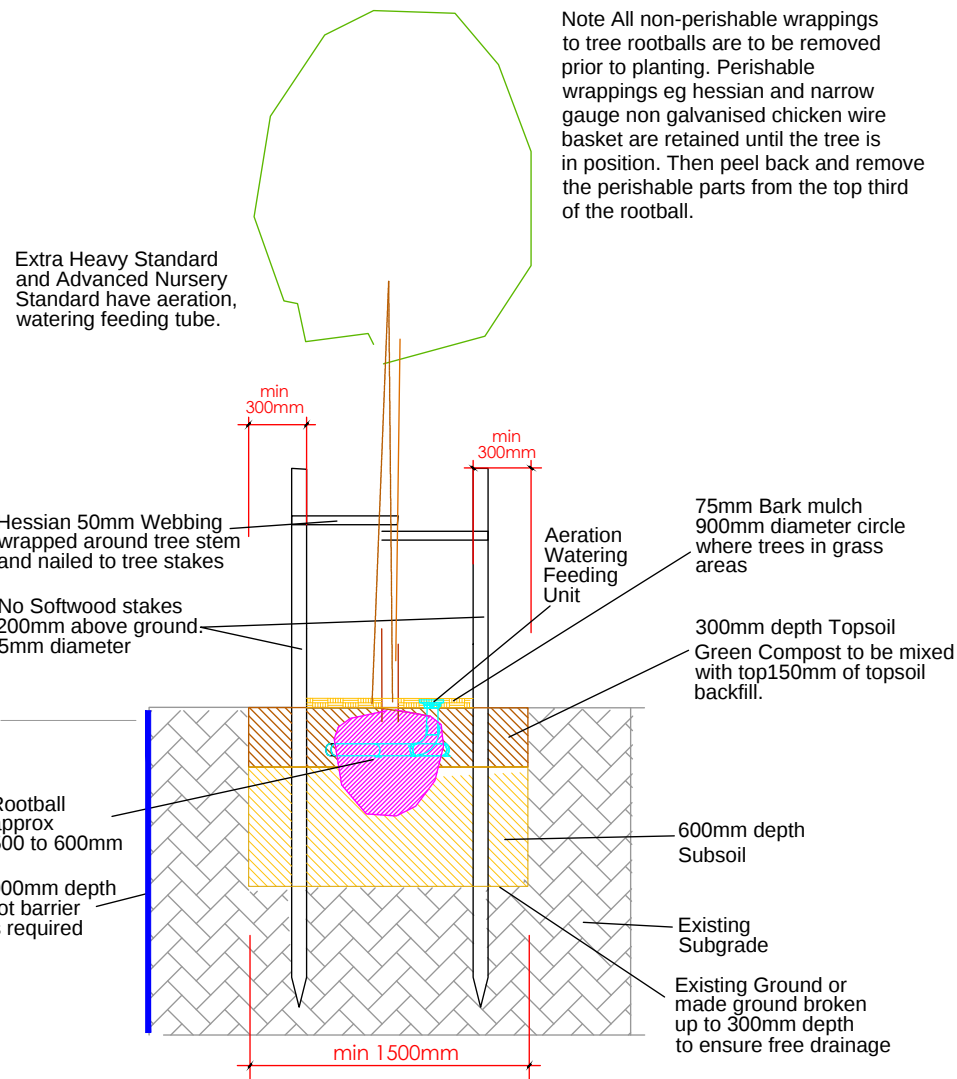
Project
CWMANN
Nr LAMPETER
SA48 8DR

Drawing Title
LANDSCAPE PROPOSALS
NATIVE BLOCKS
& PLANTING BEDS

Scale
1:500 at A2

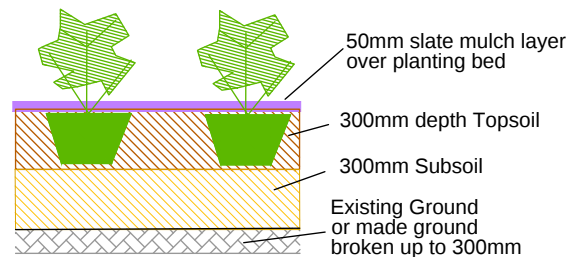
Date
26 Sept 2024

Drawing No
173 CA-2024- LMP-06 Rev D

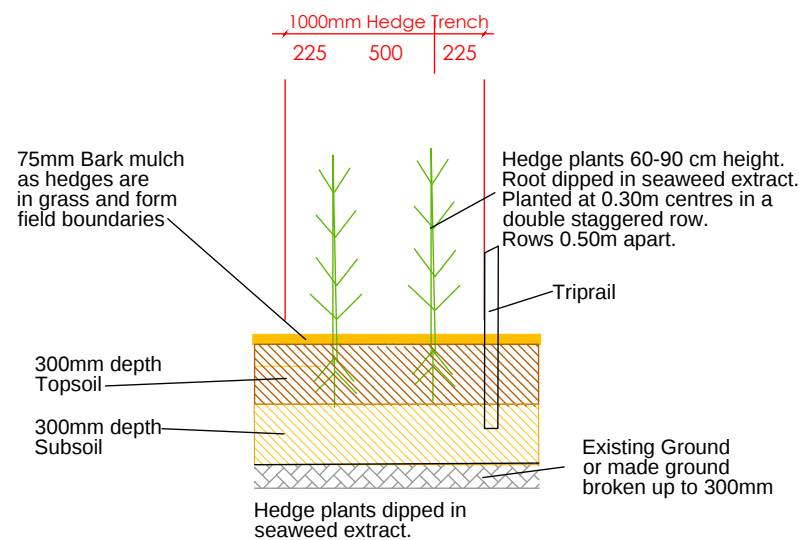
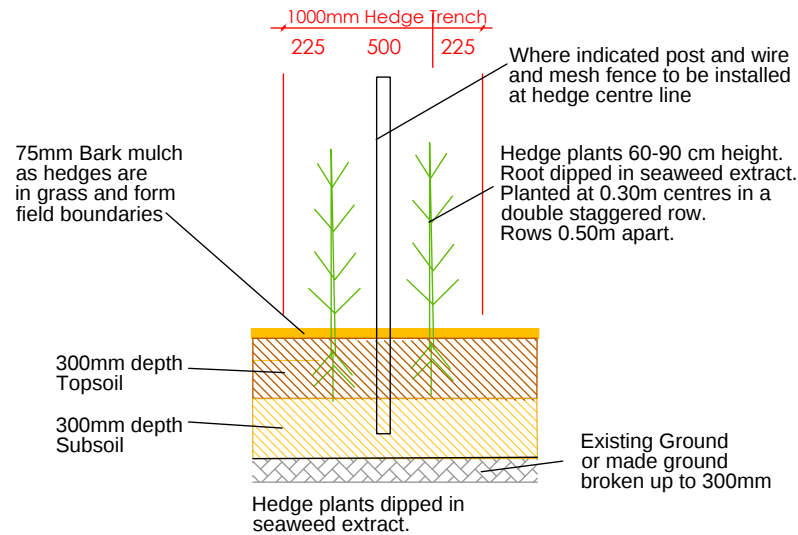


EXTRA HEAVY STANDARD & ADVANCED NURSERY STANDARD

NOTE where trees are located in the planting beds it will be a slate mulch.

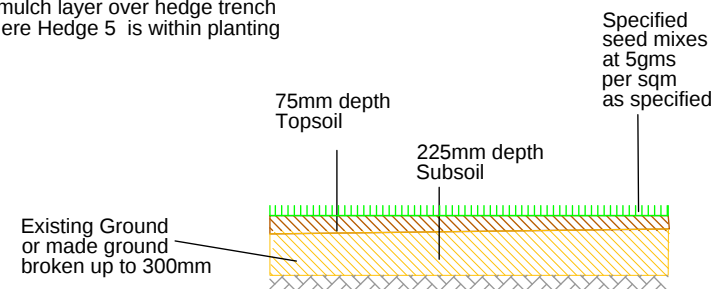


PLANTING BEDS



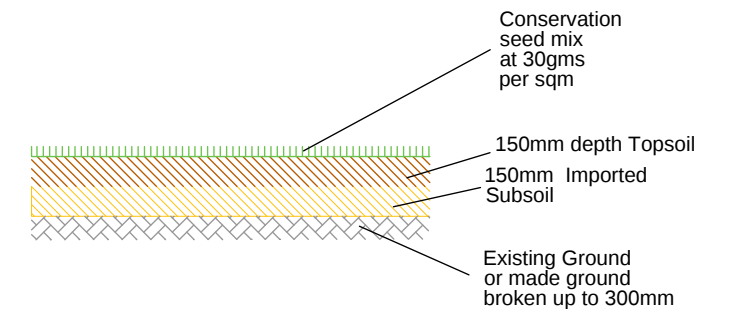
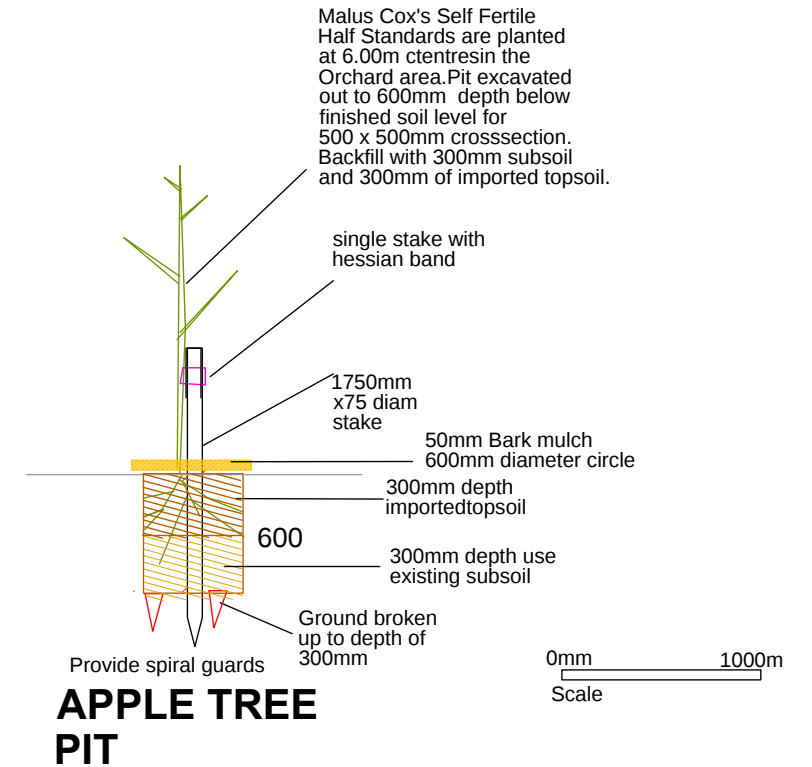
NATIVE HEDGEROW 4 & 5 WITH TRIPRAIL AT SIDE

NOTE 50mm slate mulch layer over hedge trench for short section where Hedge 5 is within planting bed



MEADOW GRASS AREAS

NOTE if ground area undisturbed seeding over existing ground



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Project
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SA48 8DR**

Drawing Title
**LANDSCAPE GENERAL
SECTIONS**

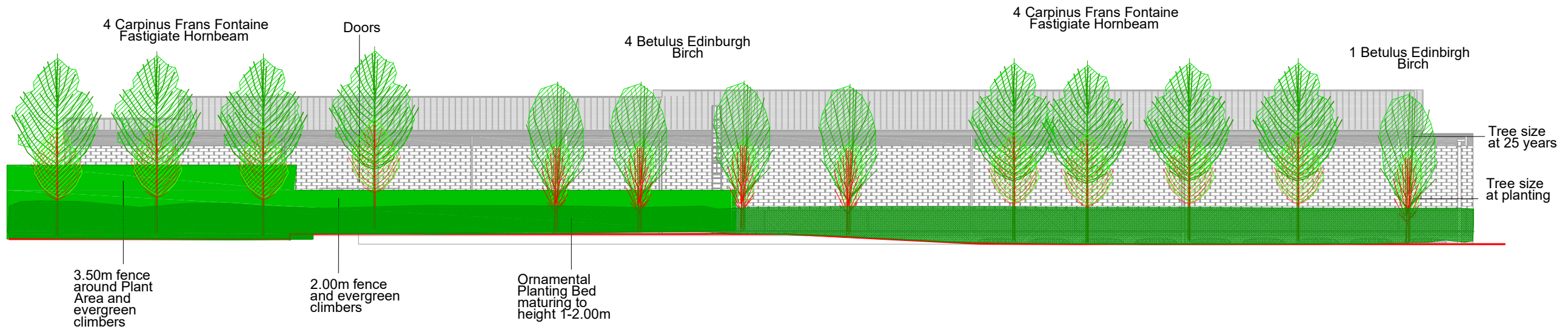
Scale as given at A2 Date 26 Sept 2024

Drawing No
173 CA-2024- LMP-07 Rev C

CA-2024- LMP-07 Rev A
10 Oct 2024
Revisions to hedges

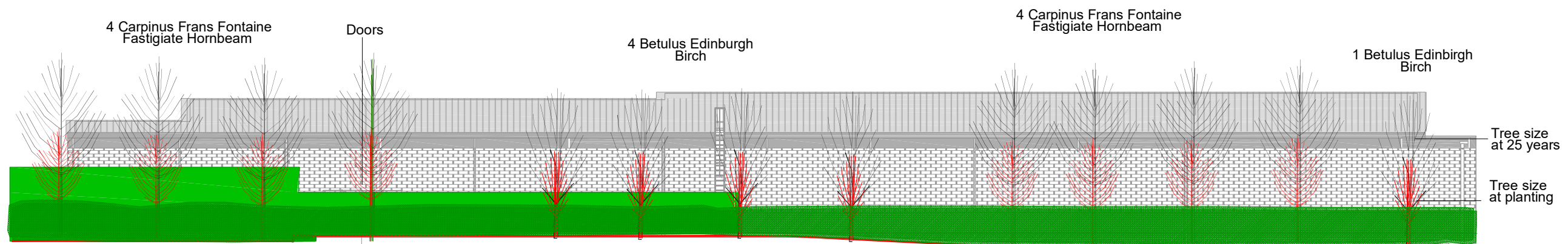
CA-2024- LMP-07 Rev B
20 January 2025
Apple planting Pit

CA-2024- LMP-07 Rev C
27 July 2026
Revised layout



SUMMER

0m 5m



WINTER

CA-2024-LM-09 Rev A

15 October 2024
Revised Layout

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Project

**CWMANN
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SA48 8DR**

Drawing Title

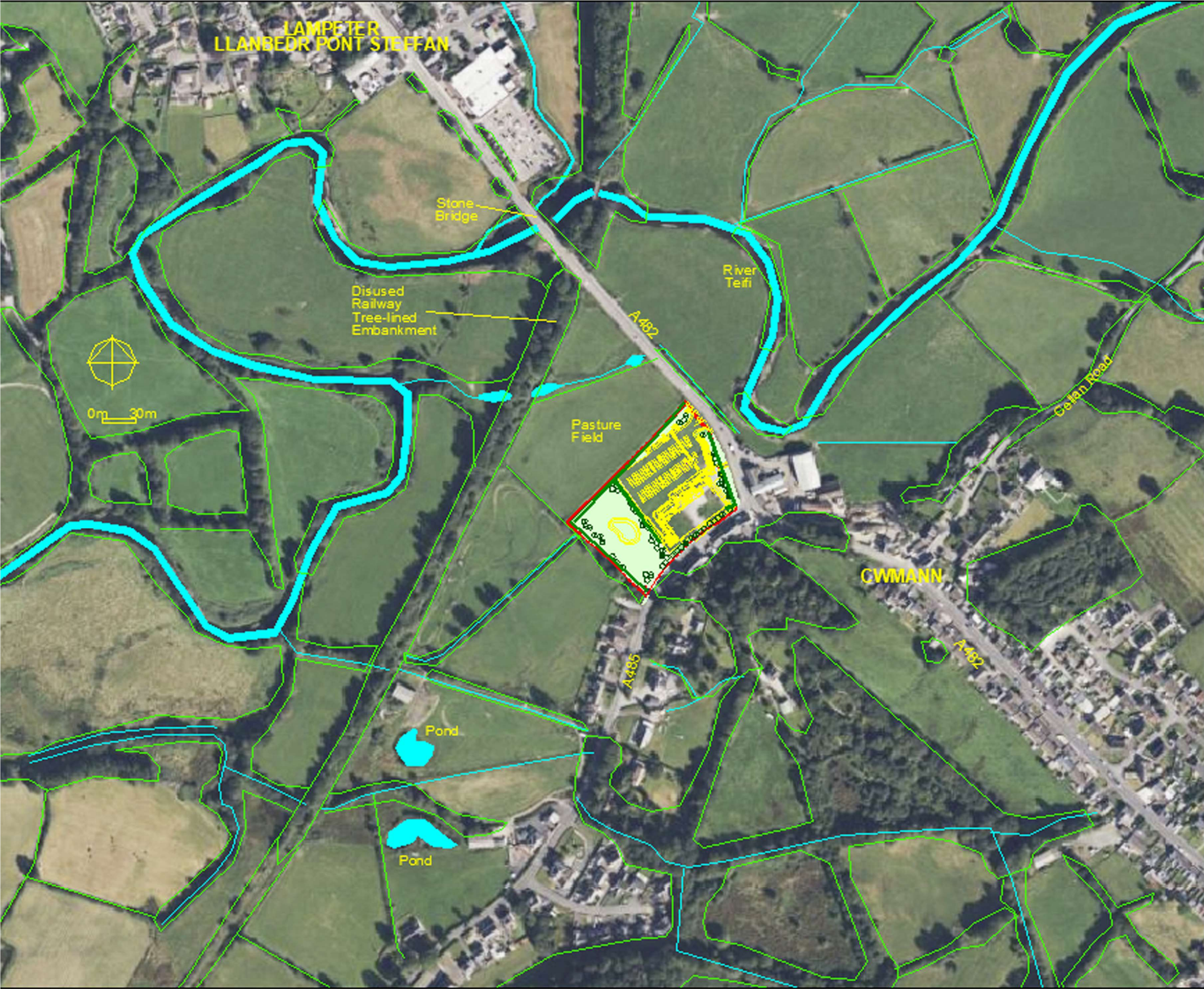
REAR ELEVATION

Scale
As Given

Date
9 October 2024

Drawing No
173

CA-2024-LMP-08 Rev A



- Green Infrastructure Corridors- trees, hedgerows, grasslands, woods
- Blue Infrastructure Corridors- river ditches, ponds & streams
- Site

The Site lies within the valley floor of the River Teifi and there is blue infrastructure of the river, its many tributaries, ponds and ditches intertwined with the green infrastructure of hedgerows, tree lines and tree groups and pasture fields.

There were no trees on existing Site and only a western hedgerow and with the new structure planting of trees and hedgerows it provides new continuity links to the areas connected to the western hedgerow. The proposed development also creates new and enhanced local habitats with the increase species diversity.

CA-2024-LMP-10 Rev A
20 Jan 2025
Drainge added

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Project
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SA48 8DR**

Drawing Title
GREEN INFRASTRUCTURE

Scale As Given Date 15 October 2024

Drawing No
173 CA-2024-LMP-10 Rev A

LIDL STORE : CWMANN : SA48 8DR		Rev 20 January 2025		Rev 14 Oct 2024		
PLANTING SCHEDULE		Rev 27 July 2026		09-Oct-24		
KEY	SPECIES	Native	Pollinator	NAME	SIZE	QTY
CFF ANS	TREE PLANTING					
	All trees to be rootballed for autumn planting/winter planting only					
	All Tree pits 1500 x 1500mm square					
	Carpinus betulus Frans Fontaine	N		Fastigiata Hornbeam	18-20cm girth Adv Nursery Standard	8 No
	AcE EXH	N	P	Field Maple	14-16cm girth Extra Heavy Standard	9 No
	Ag EXH	N		Alder	14-16cm girth Extra Heavy Standard	12 No
	Bpub EXH	N		Downy Birch	14-16cm girth Extra Heavy Standard	7 No
	BE EXH	N		Silver Birch	14-16cm girth Extra Heavy Standard	5 No
	Pt EXH		P	Aspen	14-16cm girth Extra Heavy Standard	3 No
	Sauc EXH	N	P	Rowan	14-16cm girth Extra Heavy Standard	3 No
	TcR EXH	N	P	Small leafed lime	14-16cm girth Extra Heavy Standard	9 No
	Malus Cox's Self Fertile			Apple	MM106 Rootstock Half Standard	15 No
	TOTAL					71 No
	NATIVE BLOCKS 1-2			NATIVE 1-2		92 m2
Cm	Crataegus monogyna	N	P	Hawthorn	60-90cm 1+1	65 No
Ca	Corylus avellana	N	P	Hazel	60-90cm 1+1	20 No
Cs	Cornus sanguinea	N	P	Dogwood	60-90cm 1+1	40 No
Ia	Ilex aquifolium	N	P	Holly	30-45cm 3Lpot	30 No
Lv	Ligustrum vulgaris	N	P	Wild Privet	60-90cm 1+1	15 No
Vo	Viburnum opulus	N	P	Guelder Rose	60-90cm 1+1	40 No
HH	Hedera helix Hibernica	N	P	Ivy	60-90cm 2Lpot	210 No
	TOTAL					420 No
	HEDGEROWS 1-5			HEDGE 1-5		311 linm
	Double Staggered Row plant at 0.30m centres					
	CENTRAL FENCE as indicated					77 linm
Cb	Carpinus betulus	N		Hornbeam	90-120cm 1+1	685 No
Cm	Crataegus monogyna	N	P	Hawthorn	90-120cm 1+1	715 No
Ca	Corylus avellana	N	P	Hazel	90-120cm 1+1	210 No
Cs	Cornus sanguinea	N	P	Dogwood	90-120cm 1+1	140 No
Ps	Prunus spinosa	N	P	Blackthorn	90-120cm 1+1	150 No
Scin	Salix cinerea	N		Sallow	90-120cm 0/1	50 No
Scap	Salix capraea	N		Goat Willow	90-120cm 0/1	50 No
Sn	Sambucus nigra	N	P	Elder	90-120cm 1+1	20 No
Vo	Viburnum opulus	N	P	Guelder Rose	90-120cm 1+1	60 No
	TOTAL					2080 No
	PLANTING BEDS 1-7					411 m2
	CLIMBERS			Planted at 2.50m centres		52 linm
Hpet	Hydrangea petiolaris		P	Self Clinging Climber	On Frame 90cm + 5L pot	7 No
HH	Hedera Hibernica		P	Self Clinging Climber	On Frame 90cm + 5L pot	7 No
HGH	Hedera helix Goldheart		P	Self Clinging Climber	On Frame 90cm + 5L pot	7 No
	PLANTING BEDS					
Ab	Abelia grandiflora		P	Abelia	40-60cm 3Lpot	210 No
Bal	Ballota pseudodictamnus		P	False Dittany	20-30cm 2Lpot	75 No
EE	Eleagnus ebingei		P	Oleaster	45-60cm 3Lpot	45 No
EPB	Euonymus Paloma Blanca			Dwarf Euonymus	20-30cm 2Lpot	170 No
ERD	Euonymus Red Darts Blanket			Dwarf Euonymus	20-30cm 2Lpot	80 No
Gp	Gaultheria procumbens			Checkerberry	20-30cm 2Lpot	70 No
HH	Hedera Hibernica	N	P	Form of large leafed Ivy	60-90cm 2Lpot	260 No
IJCT	Ilex JC Van Tol		P	Form of Holly	30-45cm 3Lpot	75 No
Pac	Pachysandra terminalis			Evergreen Groundcover	2Lpot	40 No
OB	Osmanthus burkwoodii		P	Evergreen scented	45-60cm 3Lpot	536 No
VEP	Viburnum tinus Gwenllian		P	Viburnum	45-60cm 3Lpot	440 No
VmBV	Vinca minor Bowles Variety			Periwinkle	20-30cm 2Lpot	123 No
	TOTAL					2145 No
	AMENITY GRASS AREAS				Grass 1-3	854 m2
	CONSERVATION GRASS MIX					
	Phoenix Amenity Supplies	N		Slender Creeping Red Fescue		20 %
	support@phoenixamenity.co.uk	N		Creeping Red Fescue		40 %
	01684 212020	N		Smooth Stalked Meadow Grass		7 %
	Alternative turfing area can be considered	N		Hard Fescue		10 %
		N		Chewings Fescue		20 %
		N		Browntop Bent		3 %
	Seed at rate of 30 gms per sqm or similar turf to be used					100 %
	MEADOW GRASS AREAS					4375 m2
	EM2 STANDARD GENERAL PURPOSE MEADOW MIXTURE					
	Emorsgate Seeds					

	LIDL STORE : CWMANN : SA48 8DR PLANTING SCHEDULE		Rev 20 January 2025 Rev 27 July 2026		Rev 14 Oct 2024 09-Oct-24	
KEY	SPECIES	Native	Pollinator	NAME	SIZE	QTY
	enquires@emorsdgateseeds.com					
	01553 829028				GRASSES 80%	
	Agrostis capillaris	N		Common Bent		8 %
	Cynosurus cristatus	N		Crested Dogstail		28 %
	Festuca rubra	N		Slender Creeping Red Fescue		24 %
	Phleum bertolonii	N		Smaller Cat's Tail		4 %
	Poa pratensis	N		Smooth-stalked Meadow Grass		16 %
	Achillea millefolium	N	P	Yarrow	WILDFLOWERS 20%	0.2 %
	Centaurea nigra	N	P	Common Knapweed		3.5 %
	Daucus carota	N	P	Wild Carrot		3.0 %
	Galium album	N	P	Hedge Bedstraw		0.5 %
	Knautia arvensis	N	P	Field Scabious		0.5 %
	Leucanthemum vulgare	N	P	Ox Eye Daisy		3.3 %
	Medicago lupulina	N	P	Black Medick		0.1 %
	Prunella vulgaris	N	P	Self Heal		3.6 %
	Ranunculus acris	N	P	Meadow Buttercup		0.2 %
	Rumex acetosa	N	P	Sorrel		0.1 %
	Sanguisorba officinalis	N	P	Great Burnet		3 %
	Silene vulgaris	N	P	Bladder Campion		1 %
	Torilis japonica	N	P	Upright Hedge Parsley		0.5 %
	Vicia cracca	N	P	Tufted Vetch		0.5 %
	TOTAL					100 %
	sow at rate of 4gms per sqm					