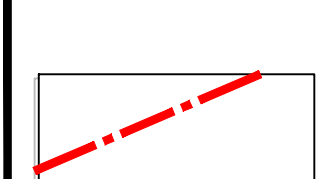


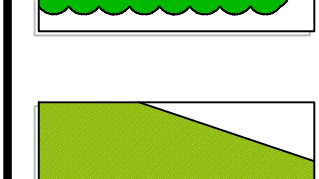


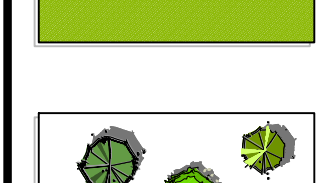
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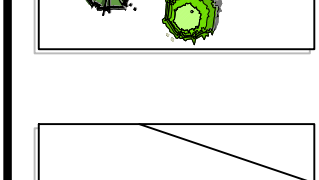
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Site Boundary
- 

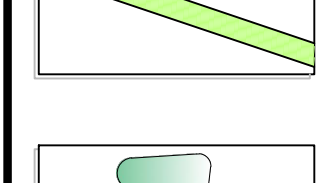
Proposed Native Whip Planting with Specimen Tree Planting
- 

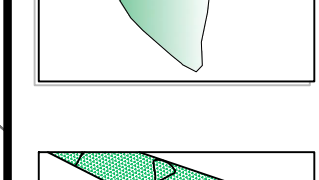
Proposed Native Hedgerow
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Proposed Adaptive Ornamental Shrubs
- 

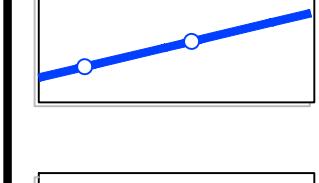
Proposed Tree Planting
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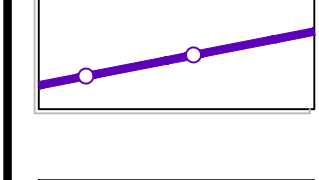
Proposed Meadow
- 

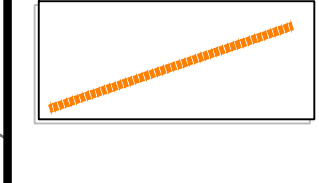
Proposed Grass Verge
- 

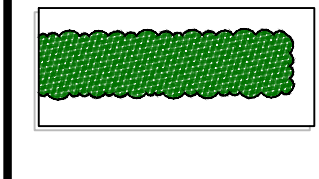
Proposed Attenuation Pond
- 

Proposed Wetland Meadow Mix
- 

Proposed Palisade Fence  
(Refer to Engineers Details)
- 

Proposed Post & Rail  
(Refer to Engineers Details)
- 

Existing 220KV Corridor
- 

Retain Existing Hedgerow
- 

Retain Existing Trees

LANDSCAPE SPECIFICATION

Landscape works will be undertaken by an ALCI approved landscape contractor and in accordance with BS 4428:1989 Code of Practice for general landscape operations.

Existing field boundaries and hedgerows are to be retained where feasible to assist with the visual screening of the proposed development into the surrounding landscape in accordance with BS583:2012 Trees in relation to Construction.

Organic mulches will be used to suppress weeds within the woodlands. Residual herbicides will not be used and pesticides will not be required for any landscape works.

Proposed Planting

SLM1: Existing hedgerows where feasible will be retained and augmented with additional native hedgerow species. The hedgerow on the southern boundary is valuable for its biodiversity. A 5m buffer strip will be provided along the hedge and a 7m wide meadow grass verge.

SLM2: Contoured mounds up to 4m high with 1:3 and 1:4 graded side slopes will be provided to the northwest boundaries and to the southwest boundary to enhance screening.

SLM3: Planting will be provided between the M3 and slip roads leading to the proposed junction so as to further enhance the screening. Dense mixed broadleaf woodland planting throughout this zone will assist with integration and the reduction of illumination impacts. It will also screen the traffic in views from local properties to the east, northwest and north east.

SLM4: Boundary treatment comprising native hedgerow will be implemented along the new access road that links the L2009 Derroctown Road. This will form part of an ecological corridor connecting the proposed woodland on the site and remnant field boundaries.

SLM5: Landscape proposals within the service area will be ornamental in character comprising shrubs and lawn.

SLM6: Native hedgerow will be planted within the 220KV power line corridor which will be maintained at 2m high.

SLM7: Meadow will be sown within the site using a native seed source to enhance the biodiversity value.

SLM8: A wetland meadow mix will be used around the retention ponds.

SLM9: Organic mulches will be used to suppress weeds within the woodlands. Residual herbicides will not be used and pesticides will not be required for any landscape works.

The predominant planting species will be native and indigenous hedgerows trees, shrubs and climbers, typically planted at spacings of between 1.2 to 1.8m centres, including:

Hedgerow & Sub-canopy Mix			
Name	Botanical name	Size (height, root to base)	Percentage of planting mix
Blackthorn	<i>Espinosa europaea</i>	60-90cm, tr	20
Blackthorn	<i>Prunus spinosa</i>	60-90cm, tr	20
Alder	<i>Alnus glutinosa</i>	60-90cm, tr	20
Hazel	<i>Corylus avellana</i>	60-90cm, tr	20
Spende	<i>Eurospora europaea</i>	60-90cm, tr	7.5
Alder	<i>Salix caprea</i>	60-90cm, tr	5
Bird cherry	<i>Prunus avium</i>	60-90cm, tr	5
Holly	<i>Ilex aquifolium</i>	60-90cm, tr	5
Ivy	<i>Hedera helix</i>	60-90cm, tr	2.5
Dog rose	<i>Rosa canina</i>	60-90cm, tr	2.5
Hornbeam	<i>Carinus europaea</i>	60-90cm, tr	2.5
Woodland Mix			
Name	Botanical name	Size	%
Oak	<i>Quercus robur</i>	60-90cm, tr	5
Pine	<i>Pinus sylvestris</i>	60-90cm, tr	5
Birch	<i>Betula pendula</i>	60-90cm, tr	45
Willow	<i>Salix caprea</i>	60-90cm, tr	30
Hazel	<i>Corylus avellana</i>	60-90cm, tr	25
Alder	<i>Alnus glutinosa</i>	60-90cm, tr	20

Proposed Grass & Meadow Seeding

Restoration of any areas disturbed during the construction process (e.g. near the construction compounds or at localised excavations) will be undertaken immediately following completion of the construction period.

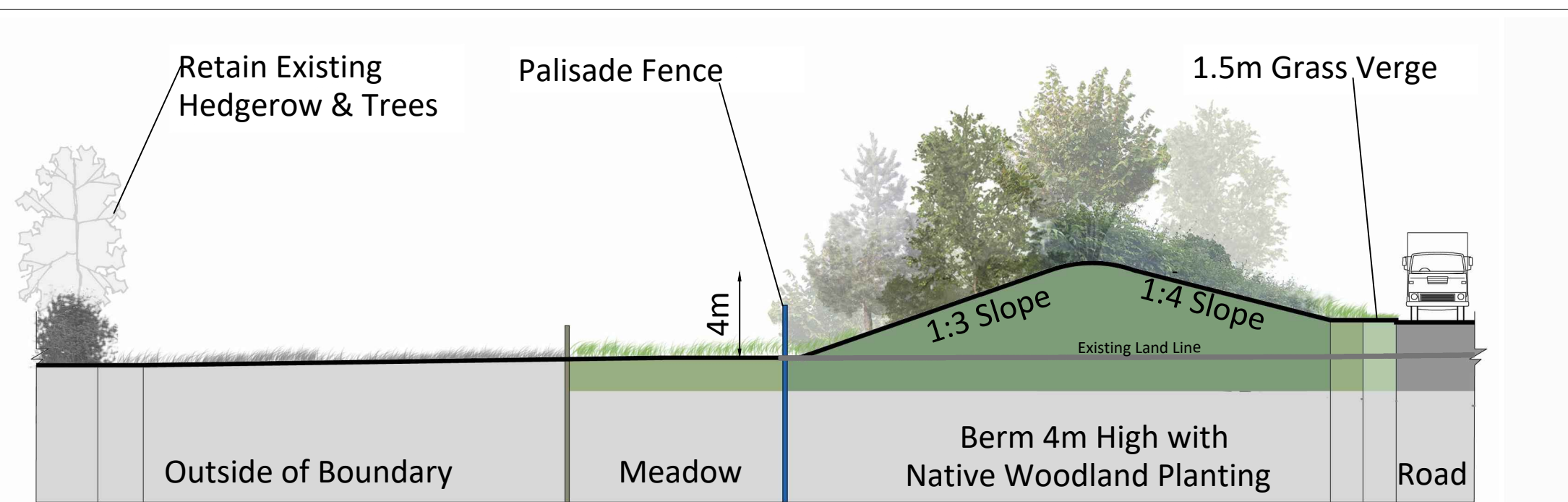
A grass verge shall be established around the perimeter of the Service Station providing a clean edge this space.

A grass and wildflower meadow shall be established within the site using a native seed source to enhance the biodiversity value.

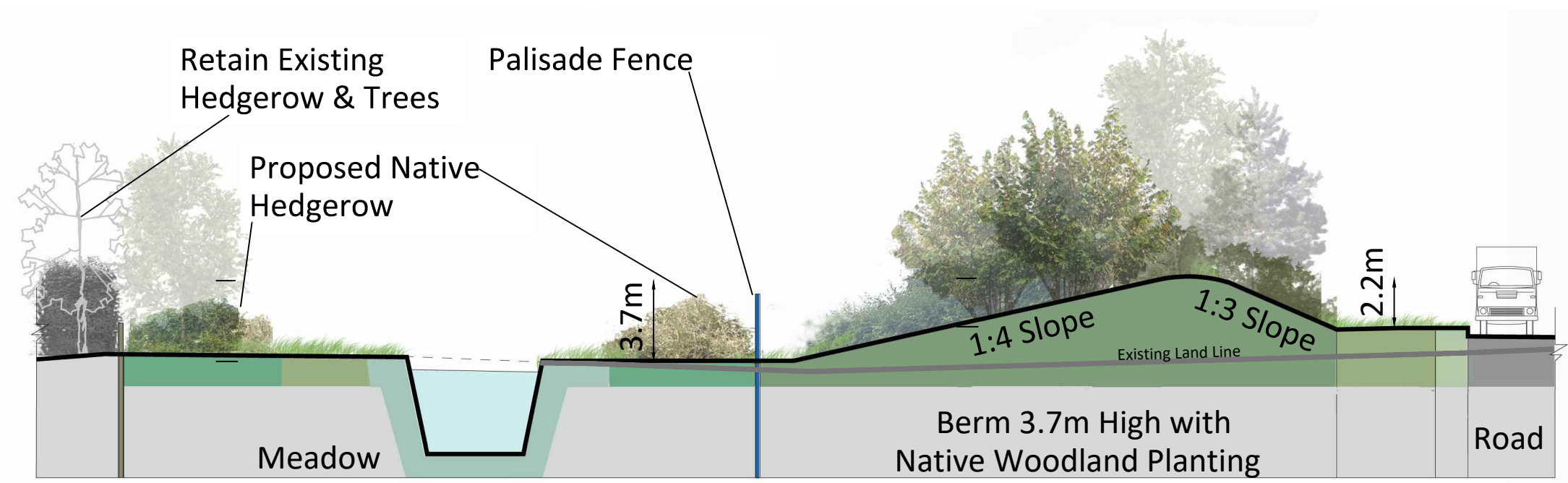
The grass meadow mix will include fine grasses and native wildflower species, including native red clover which is particularly attractive to bumblebees. The perennial meadow mix will typically include:

- Sheep's Fescue (20%),
- Chewing Fescue (20%),
- Creeping Red Fescue (15%),
- Slender Creeping Fescue (15%),
- Red Clover (10%),
- Perennial Ryegrass (5%),
- Bent Grass (5%),
- Birds foot trefoil (5%),
- Yorkshire Fog (2.5%)
- and native wild flowers (2.5%).

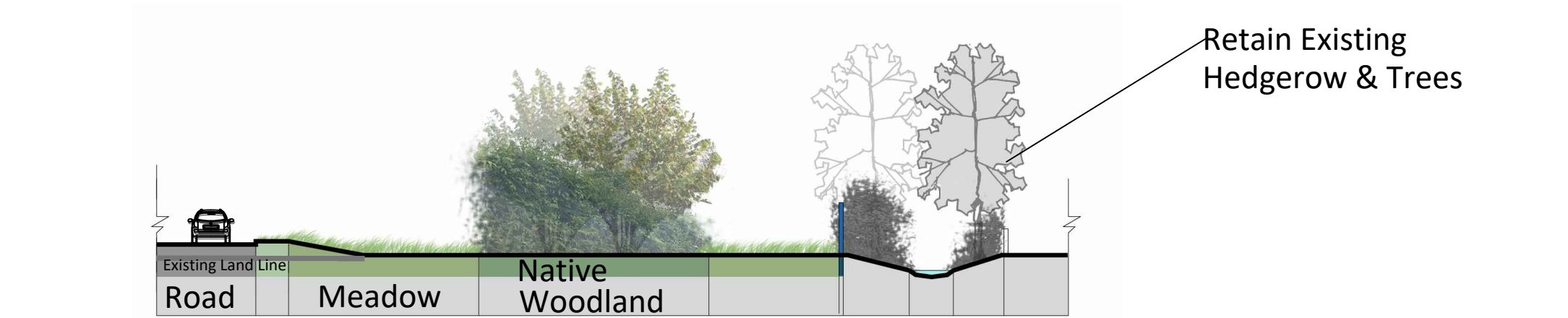
A native wetland meadow mix will be used around the attenuation ponds. The meadows shall give an enriched biodiversity to the site providing seeds and foraging to the surrounding wildlife population.



Boundary Treatment Section A: Scale 1:250 (Proposed Planting in 7 years)



Boundary Treatment Section B: Scale 1:250 (Proposed Planting in 7 years)



Boundary Treatment Section C: Scale 1:250 (Proposed Planting in 7 years)

- SLM2-Berm Approximately 4m high (1:3 side slopes externally, 1:4 side slopes to site) Planted with Native Woodland Mix and Sub Canopy Planting. Refer to Section A
- 68M WIDE LOW PLANTING CORRIDOR UNDER 220KV LINES
- Existing Pylon
- SLM6: Proposed Native Hedgerow Maintained at 2m Height.
- Proposed Native Hedgerow
- SLM2: Berm +3.7m high Refer to Section B
- SLM1: Retain Existing Hedgerow
- Proposed Native Hedgerow
- SLM8: Wetland Meadow planted around Attenuation Pond
- Native Meadow. Refer to Outline Specification
- SLM3: Dense Mixed Broadleaf Woodland Planting provided between M3 & Slip Roads
- Proposed Native Hedgerow
- SLM3: Dense Mixed Broadleaf Woodland Planting provided between M3 & Slip Roads
- SLM8: Wetland Meadow planted around Attenuation Pond
- SLM7: Meadow Planting
- Native Woodland Mix with Semi Mature Specimens giving immediate added Screening
- SLM5: Ornamental Shrub Planting in Service Area with Feature Specimen Street Tree Planting
- 5m Buffer of Meadow Planting
- SLM1: Retain Existing Hedge & Tree Planting
- Hawthorn Hedgerow around Car Park & Pedestrian Route
- 1.5m Wide Grass Verge
- ATTENUATION POND
- CAR FUELING
- AMENITY BUILDING
- CAR PARKING
- HGV PARKING
- STAFF PARKING
- GARDA ENFORCEMENT AREA
- WASTE WATER TREATMENT PLANT & PUMP STATION
- EXISTING ATTENUATION POND EXTENDED
- Site Boundary

Rev	Date	Drawn	Checked	Description
01	15/12/2016	EMD	AP	LS Plan
02	16/12/2016	EMD	AP	LS Plan

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This drawing is to be read in conjunction with relevant (Cognis) T&T drawings.

Notes

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Project: M3 Service Station Co.Meath		Project No: 6200	
Drawing No: 300		Rev: 2	
Scale: 1:1000@A0		Date: 17/01/2017	
Client: BSM		Drawn: EMD	
Checked: AP		Approved: [Signature]	

