

Wylfa Newydd Project

Volume 2: Plans, Sections and Drawings (Part 13/19)

2.10 A5025 Off-line Highway Improvements – Section 7

PINS Reference Number: EN010007

Application Reference Number: 2.10

June 2018

Revision 1.0

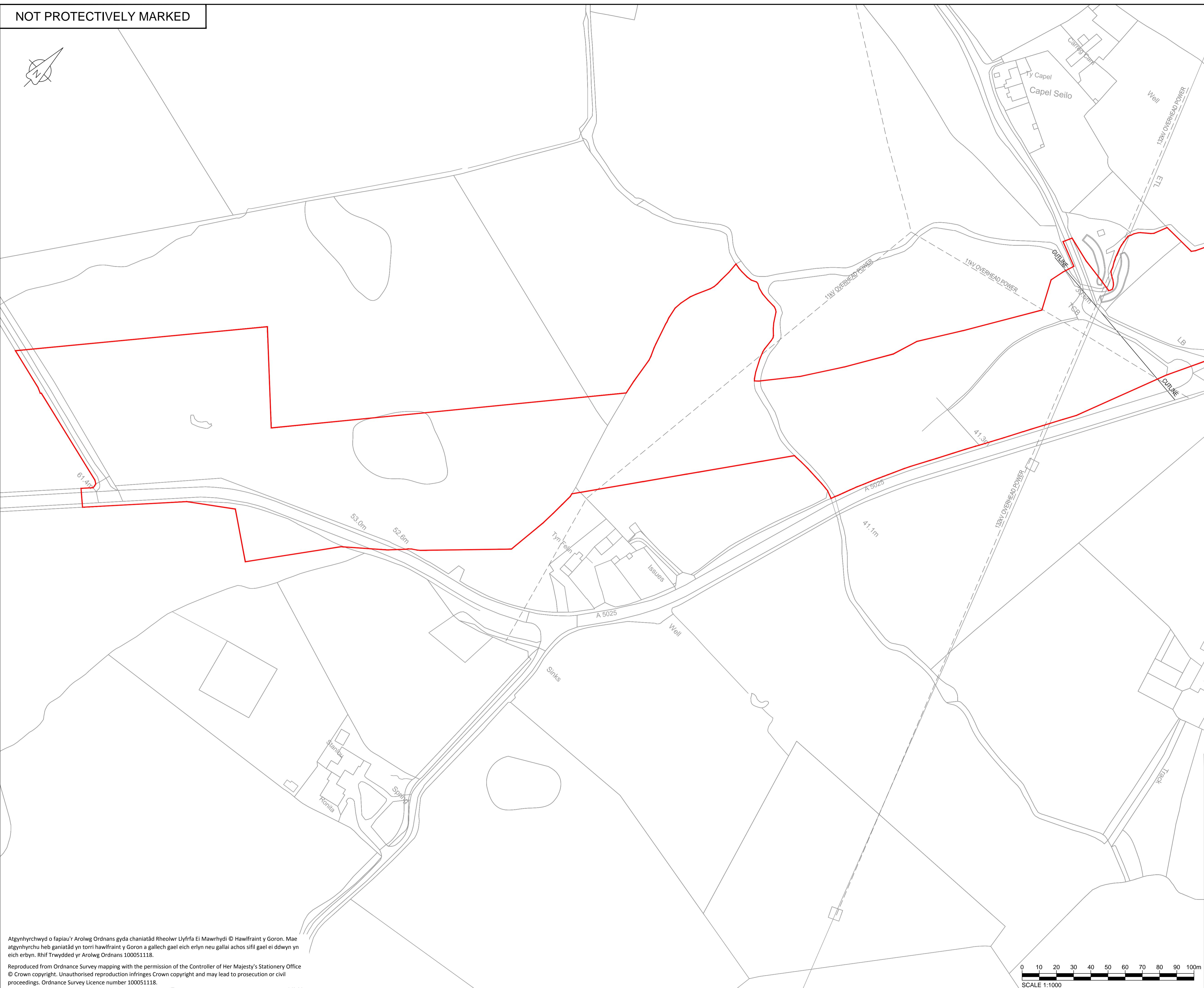
Regulation Number: 5(2)(o)

Planning Act 2008
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

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WN0902-HZDCO-OHW-DRG-00070	A5025 OFF-LINE HIGHWAY IMPROVEMENTS, STANDARD DETAILS, DRAINAGE, SHEET 2

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NOTES

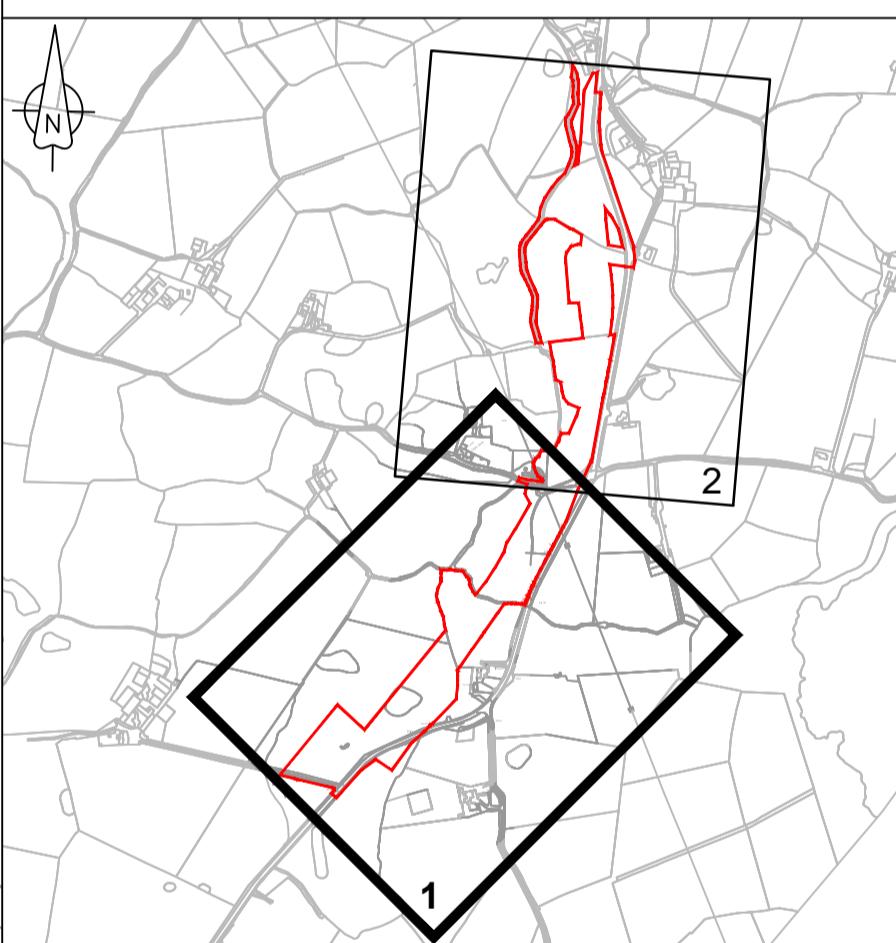
1. Existing ground levels based on topographical survey information from surveys undertaken.

LEGEND

- Order Limits
- Existing overhead services

REFERENCE DRAWINGS

1. WN0902-HZDCO-OHW-DRG-00048 - SHEET 2



KEY PLAN
(NOT TO SCALE)

1.0 MARCH 2018 FOR DCO SUBMISSION HNPW1 HNPW2 HNPW3
Rev. Rev. Date Purpose of revision Drawn Checked Approved

FOR INFORMATION

HORIZON
NUCLEAR POWER

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Project
**WYLFA NEWYDD
DCO PROJECT**

Drawing Title
**A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
EXISTING SITE PLAN
SHEET 1**

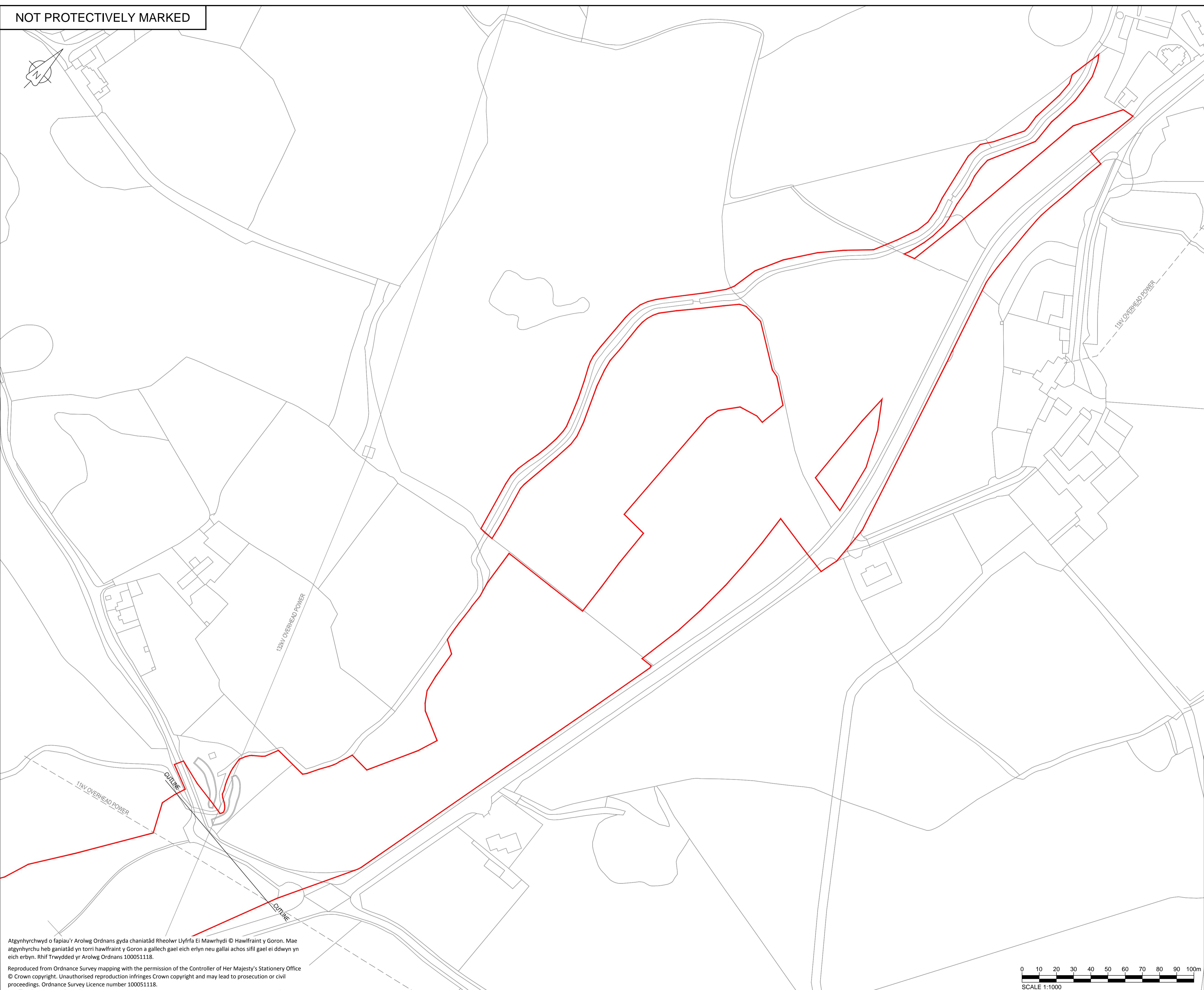
Regulation 5 (2) (o)

Security Status
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Scale 1:1000 Sheet Size A1 Sheet(s) 1 of 1

Drawing Number WN0902-HZDCO-OHW-DRG-00047 Rev 1.0

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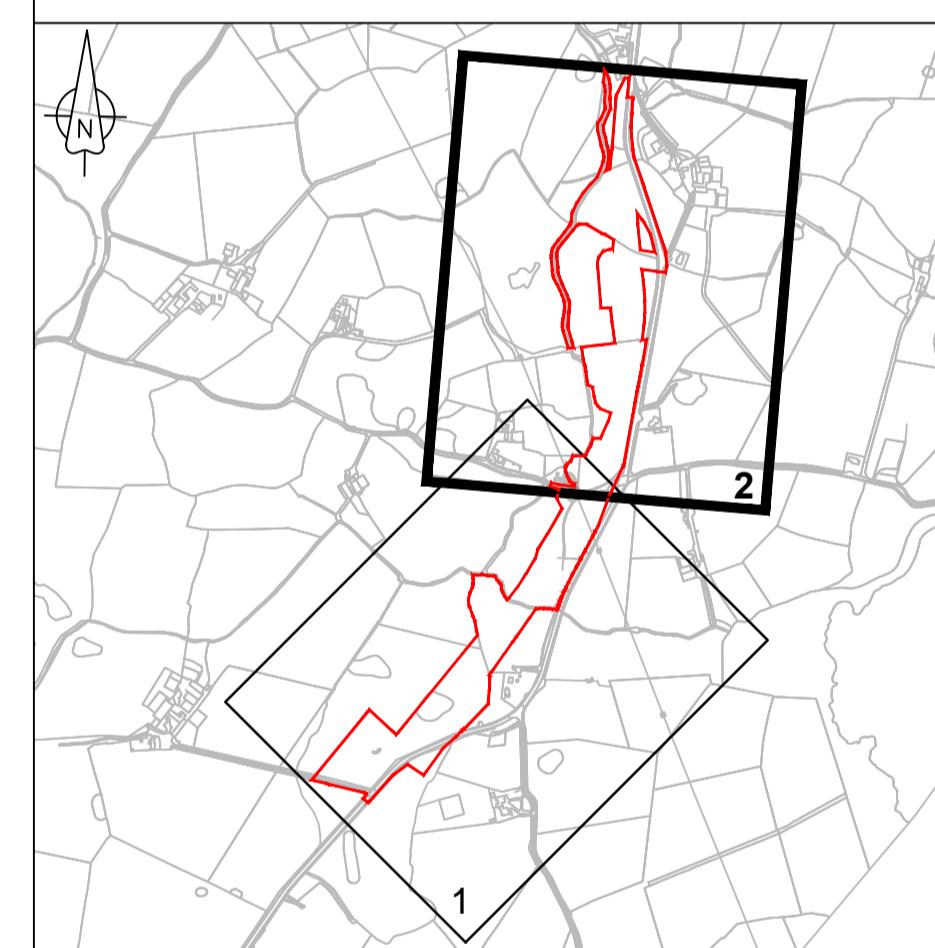
1. Existing ground levels based on topographical survey information from surveys undertaken.

LEGEND

- Order Limits
- Existing overhead services

REFERENCE DRAWINGS

1. WN0902-HZDCO-OHW-DRG-00047 - SHEET 1



KEY PLAN
(NOT TO SCALE)

1.0	MARCH 2018	FOR DCO SUBMISSION	HNPW	HNPWL	HNPWL
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd

FOR INFORMATION

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DCO PROJECT**

Drawing Title

**A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
EXISTING SITE PLAN
SHEET 2**

Regulation 5 (2) (o)

Security Status
NOT PROTECTIVELY MARKED

Scale 1:1000 Sheet Size A1 Sheet(s) 1 of 1

Drawing Number WN0902-HZDCO-OHW-DRG-00048 Rev 1.0

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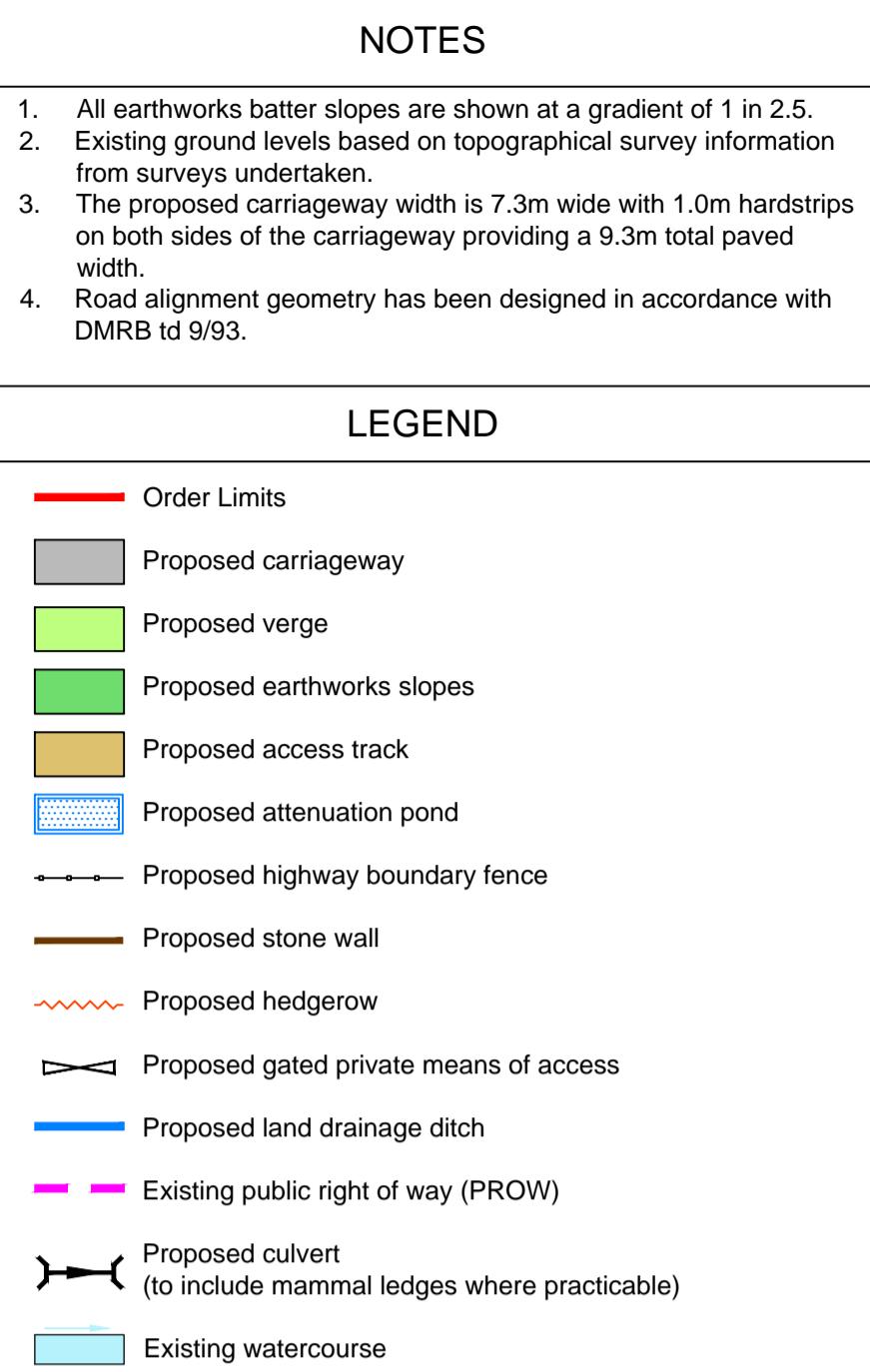
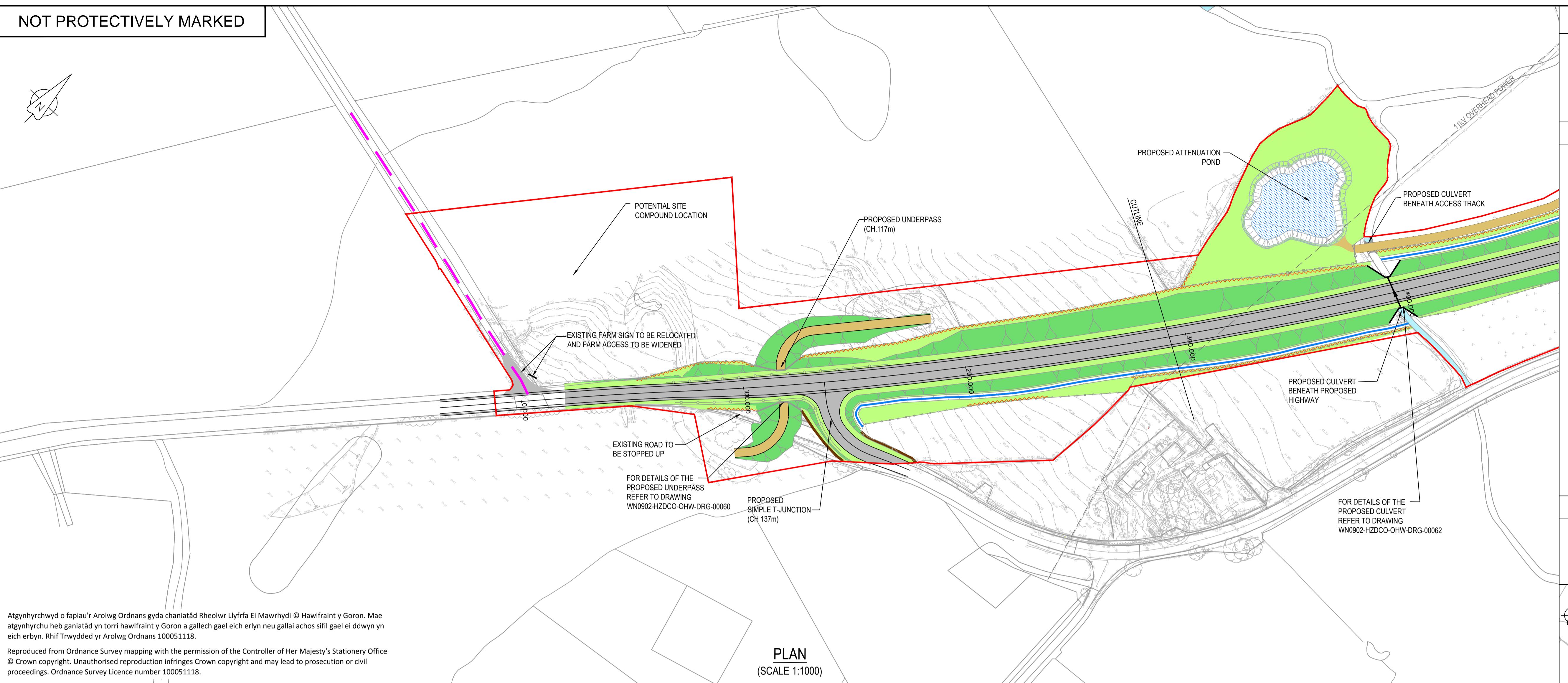
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SCALE 1:1000

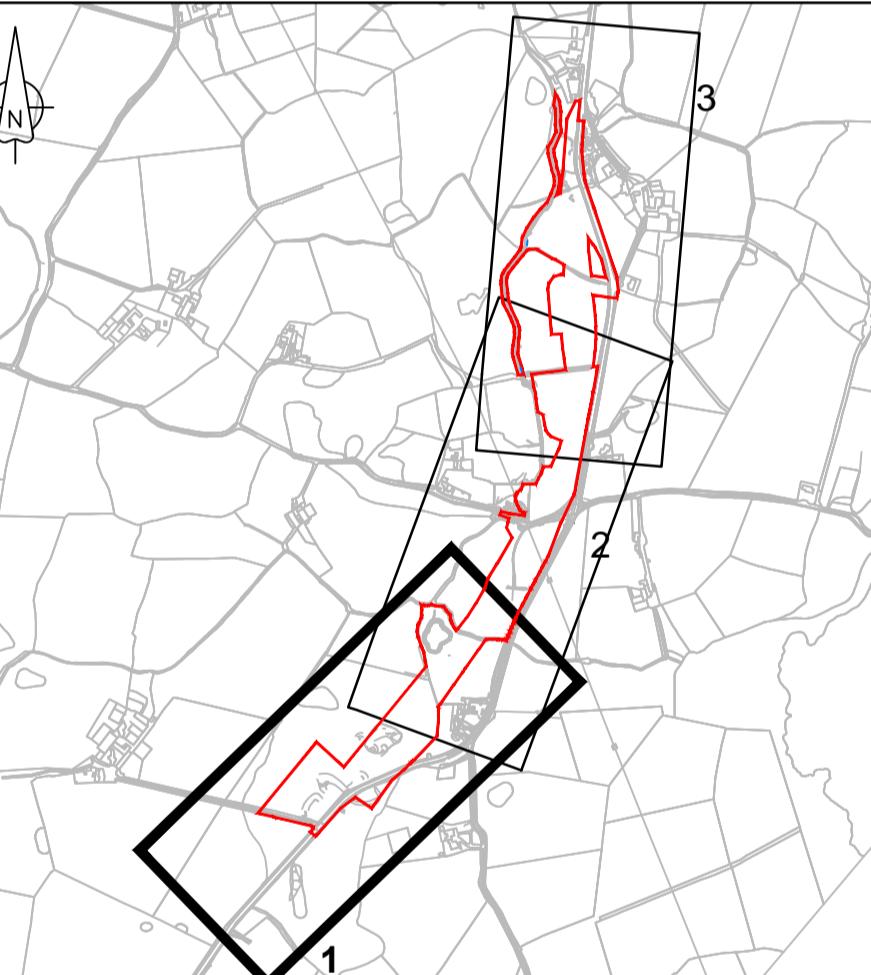
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REFERENCE DRAWINGS

1. For details of the proposed underpass refer to drawing WN0902-HZDCO-OHW-DRG-00060
2. For details of the proposed culvert refer to drawing WN0902-HZDCO-OHW-DRG-00062
3. WN0902-HZDCO-OHW-DRG-00050 - SHEET 2
4. WN0902-HZDCO-OHW-DRG-00051 - SHEET 3



1.0	MAY 2018	FOR DCO SUBMISSION	HNPWL	HNPWL	HNPWL
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd

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DCO PROJECT

Drawing Title
A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
PROPOSED GENERAL ARRANGEMENT
SHEET 1

Regulation 5 (2) (o)

Security Status
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Scale AS SHOWN Sheet Size A1 Sheet(s) 1 OF 1

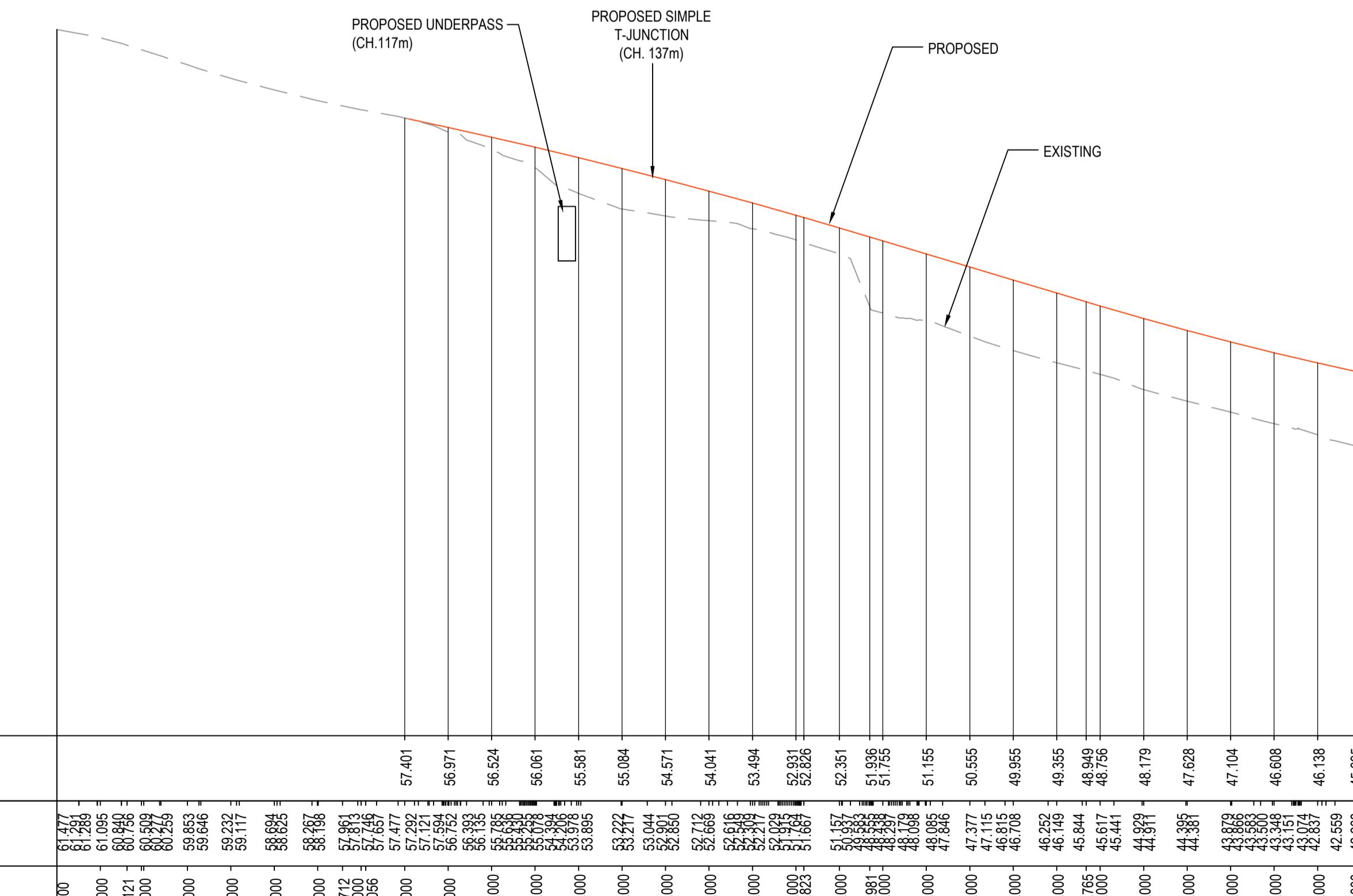
Drawing Number WN0902-HZDCO-OHW-DRG-00049 Rev 1.0

LEVEL DATUM =29.000

DESIGN LEVELS

EXISTING LEVELS

CHAINAGE



LONGITUDINAL SECTION

(CHAINAGE 0m - 300m)
(SCALE 1:1000H & 1:200V)

0 10 20 30 40 50 60 70 80 90 100m
SCALE 1:1000

0 2 4 6 8 10 12 14 16 18 20m
SCALE 1:200

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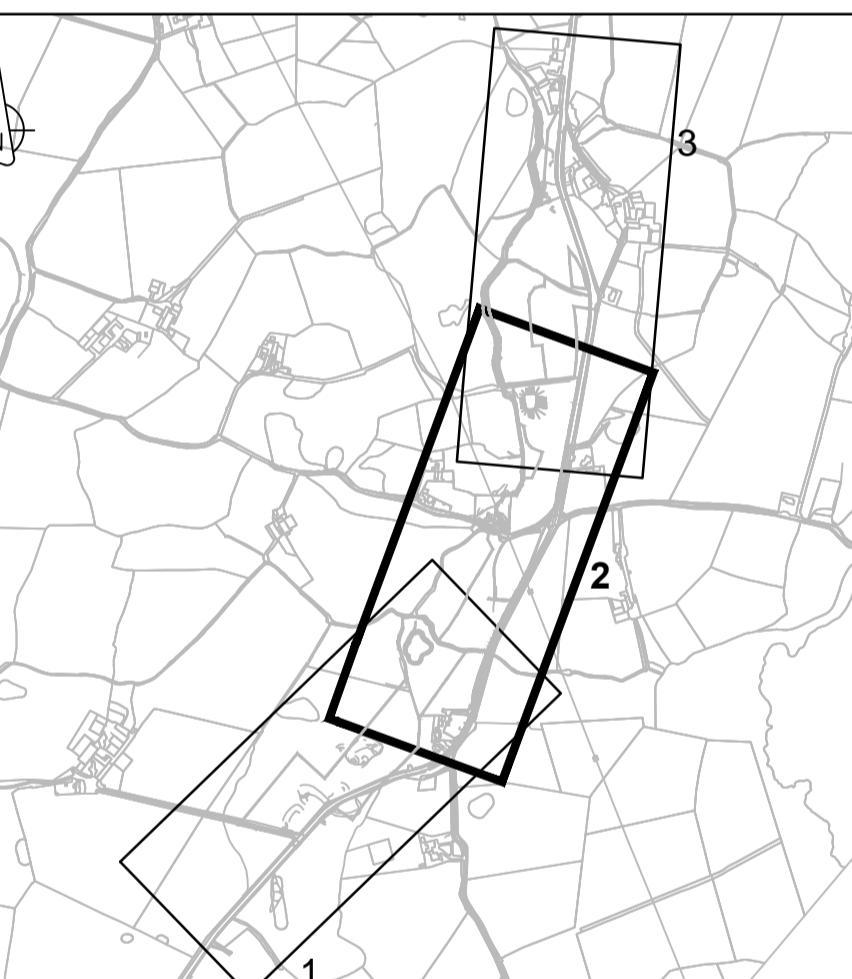
1. All earthworks batter slopes are shown at a gradient of 1 in 2.5.
2. Existing ground levels based on topographical survey information from surveys undertaken.
3. The proposed carriageway width is 7.3m wide with 1.0m hardstrips on both sides of the carriageway providing a 9.3m total paved width.
4. Road alignment geometry has been designed in accordance with DMRB td 9/93.

LEGEND

- Order Limits
- Proposed carriageway
- Proposed shared use footway-cycleway
- Proposed verge
- Proposed earthworks slopes
- Proposed access track
- Existing watercourse
- Proposed attenuation pond
- Ecological mitigation area
- Existing carriageway to be stopped up
- Proposed highway boundary fence
- Proposed stone wall
- Proposed hedgeow
- Proposed gated private means of access
- Proposed land drainage ditch
- Existing public right of way (PROW)
- * PROW to be stopped up
- PROW diversion

REFERENCE DRAWINGS

1. For details of cross section refer to drawing WN0902-HZDCO-OHW-DRG-00058
2. For details of the proposed culvert refer to drawing WN0902-HZDCO-OHW-DRG-00062
3. WN0902-HZDCO-OHW-DRG-00049 - SHEET 1
4. WN0902-HZDCO-OHW-DRG-00051 - SHEET 3



1.0	MAY 2018	FOR DCO SUBMISSION	HNPWL	HNPWL	
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Appr'd

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WYLFA NEWYDD
DCO PROJECT

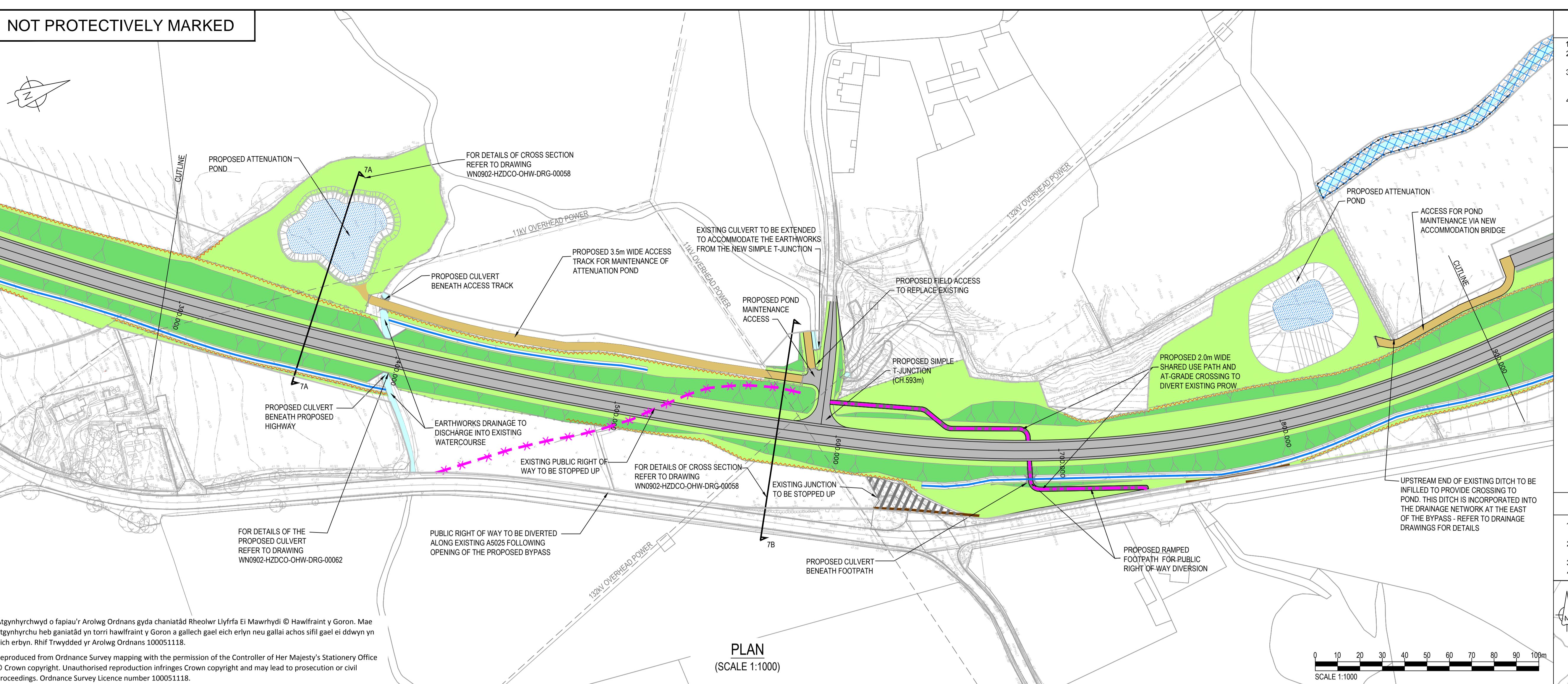
Drawing Title: A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
PROPOSED GENERAL ARRANGEMENT
SHEET 2
Regulation 5 (2) (o)

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Security Status	AS SHOWN	Sheet Size	A1	Sheet(s)	1 OF 1
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Drawing Number	WN0902-HZDCO-OHW-DRG-00050	Rev
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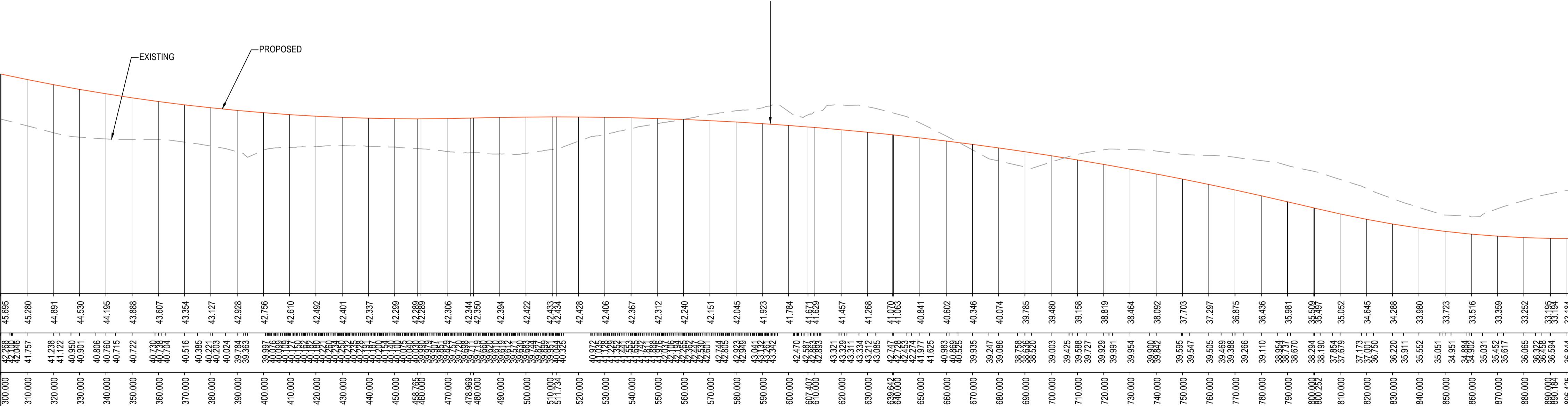
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LEVEL DATUM = 29.000

DESIGN LEVELS

EXISTING LEVELS

CHAINAGE



LONGITUDINAL SECTION

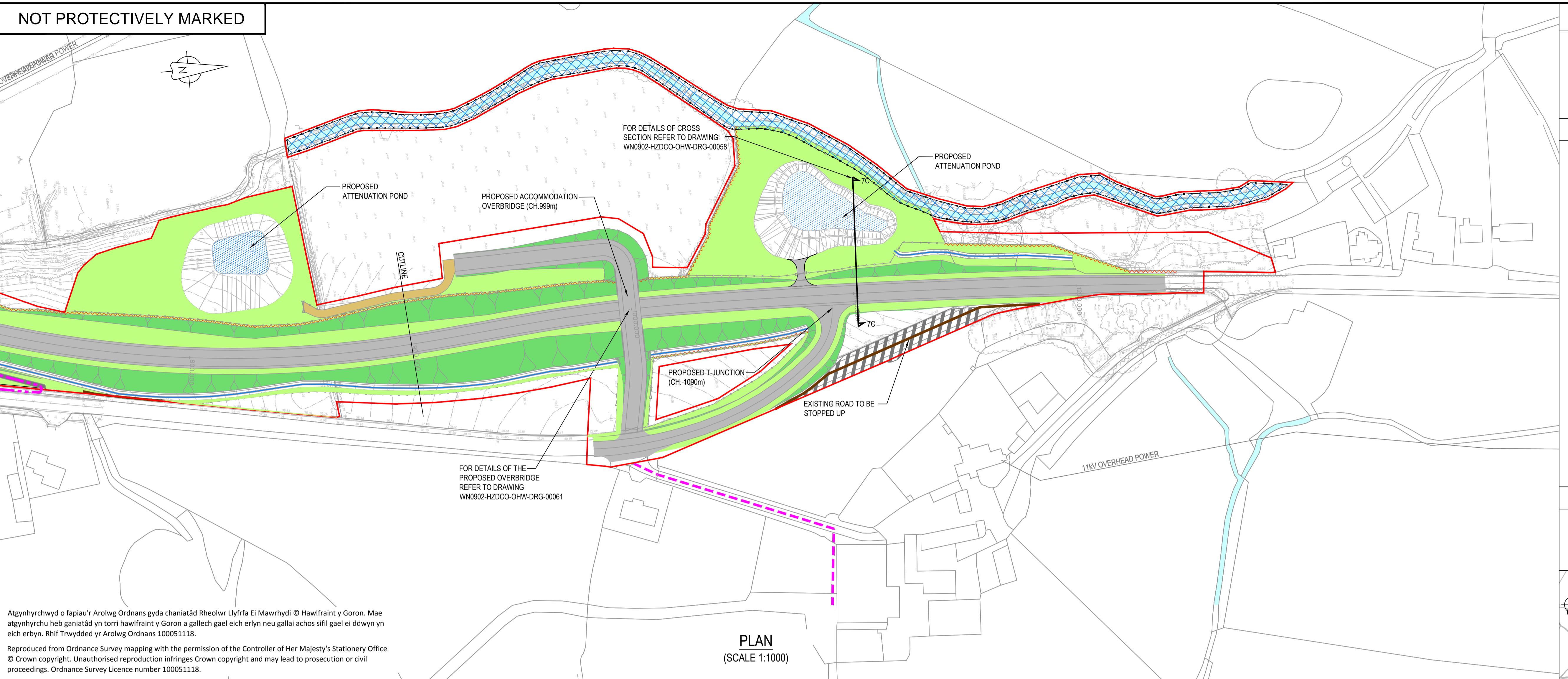
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(SCALE 1:100H & 1:200V)

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SCALE 1:1000

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SCALE 1:200

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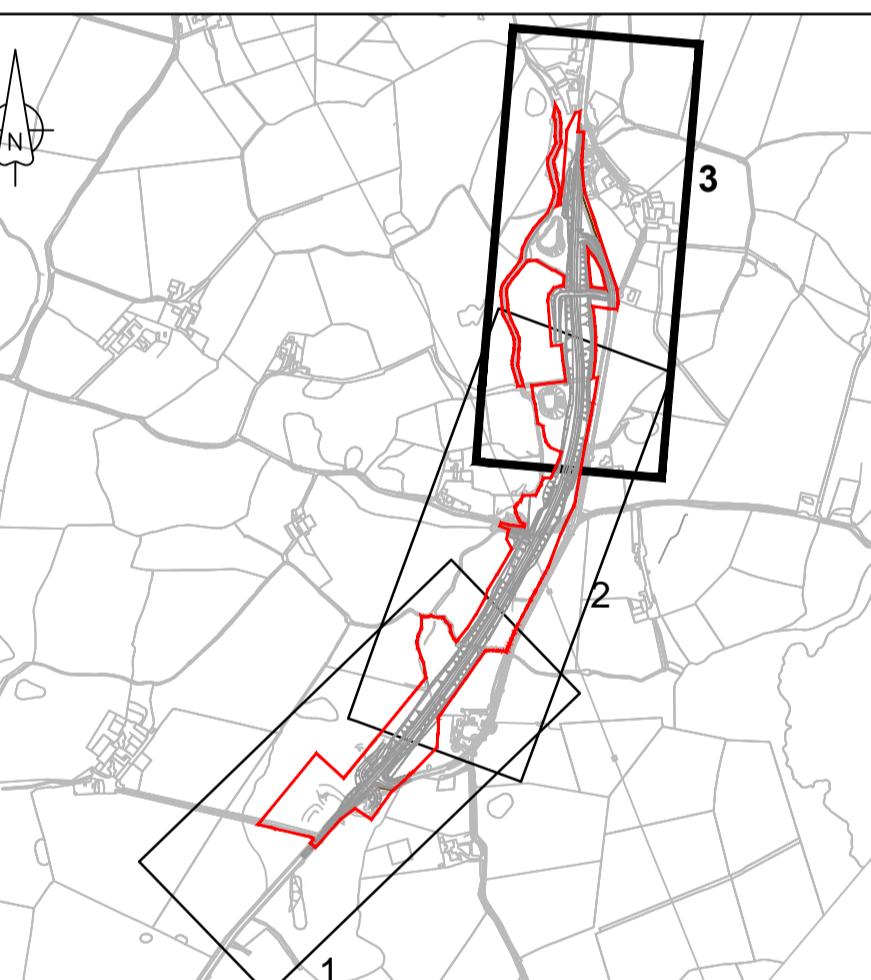
1. All earthworks batter slopes are shown at a gradient of 1 in 2.5.
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LEGEND

- Order limits
- Proposed carriageway
- Proposed shared use footway-cycleway
- Proposed verge
- Proposed earthworks slopes
- Proposed access track
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- Proposed attenuation pond
- Ecological mitigation area
- Existing carriageway to be stopped up
- Proposed highway boundary fence
- Proposed stone wall
- Proposed hedgerow
- Proposed gated private means of access
- Proposed land drainage ditch
- Existing public right of way (PROW)
- PROW diversion

REFERENCE DRAWINGS

1. For details of cross section refer to drawing WN0902-HZDCO-OHW-DRG-00058
2. For details of the proposed culvert refer to drawing WN0902-HZDCO-OHW-DRG-00061
3. WN0902-HZDCO-OHW-DRG-00050 - SHEET 2
4. WN0902-HZDCO-OHW-DRG-00051 - SHEET 3



1.0	MAY 2018	FOR DCO SUBMISSION	HNPWL	HNPWL
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DCO PROJECT**

Drawing Title
**A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
PROPOSED GENERAL ARRANGEMENT
SHEET 3**

Regulation 5 (2) (o)

Security Status
NOT PROTECTIVELY MARKED

Scale AS SHOWN Sheet Size A1 Sheet(s) 1 OF 1

Drawing Number WN0902-HZDCO-OHW-DRG-00051 Rev 1.0

LEVEL DATUM = 29.000	
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NOT PROTECTIVELY MARKED

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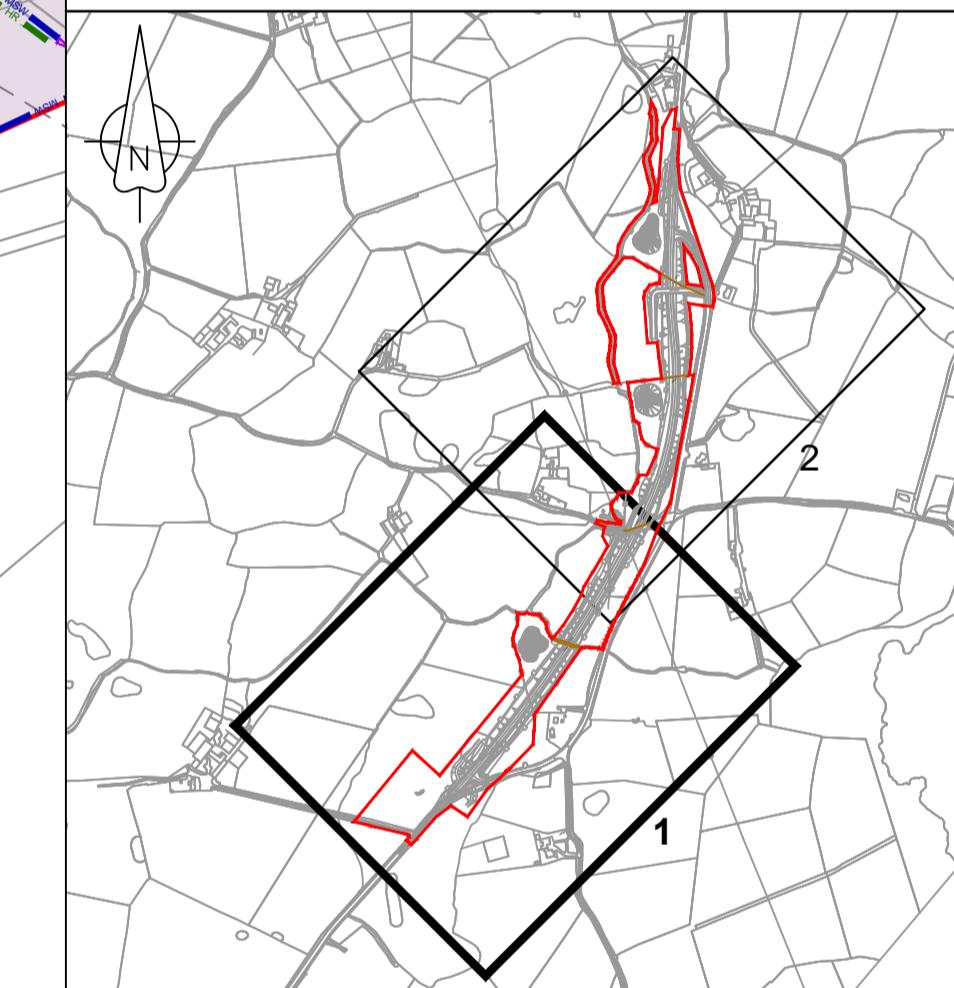
1. The area shown as 'general site clearance' does not mean that everything within this area is to be cleared. Site clearance will be the minimum required to undertake the works; general site clearance consists of removal of overgrowth in verges, topsoil removal and disposal.
2. Only fencing, hedgerows & gates identified in the key are to be removed as part of the site clearance works.
3. Important Hedgerow Reference Number (see Schedule 18 of the draft DCO (Application Reference Number: 3.1).

LEGEND

- Order Limits
- General site clearance area
- Road pavement to be excavated & removed
- MSW
- Stone wall to be removed
- TPW
- Timber post & wire fence to be removed
- HR
- Hedgerow to be removed
- EB
- Earth bank to be removed
- Gate to be removed
- Important Hedgerow (Hedgerow Regulations 1997)
- IH**
- To be removed

REFERENCE DRAWINGS

1. For sheet 2 refer to drawing WN0902-HZDCO-OHW-DRG-00053.



KEY PLAN
(NOT TO SCALE)

1.0	MARCH 2018	FOR DCO SUBMISSION	HNWL	HNWL	HNWL
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd

FOR APPROVAL

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Project
WYLFA NEWYDD
DCO PROJECT

Drawing Title
A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
PROPOSED SITE CLEARANCE PLAN
SHEET 1

Regulation 5 (2) (o)

Security Status
NOT PROTECTIVELY MARKED

Scale 1:1000 Sheet Size A1 Sheet(s) 1 of 1

Drawing Number WN0902-HZDCO-OHW-DRG-00052 Rev

WN0902-HZDCO-OHW-DRG-00052 1.0

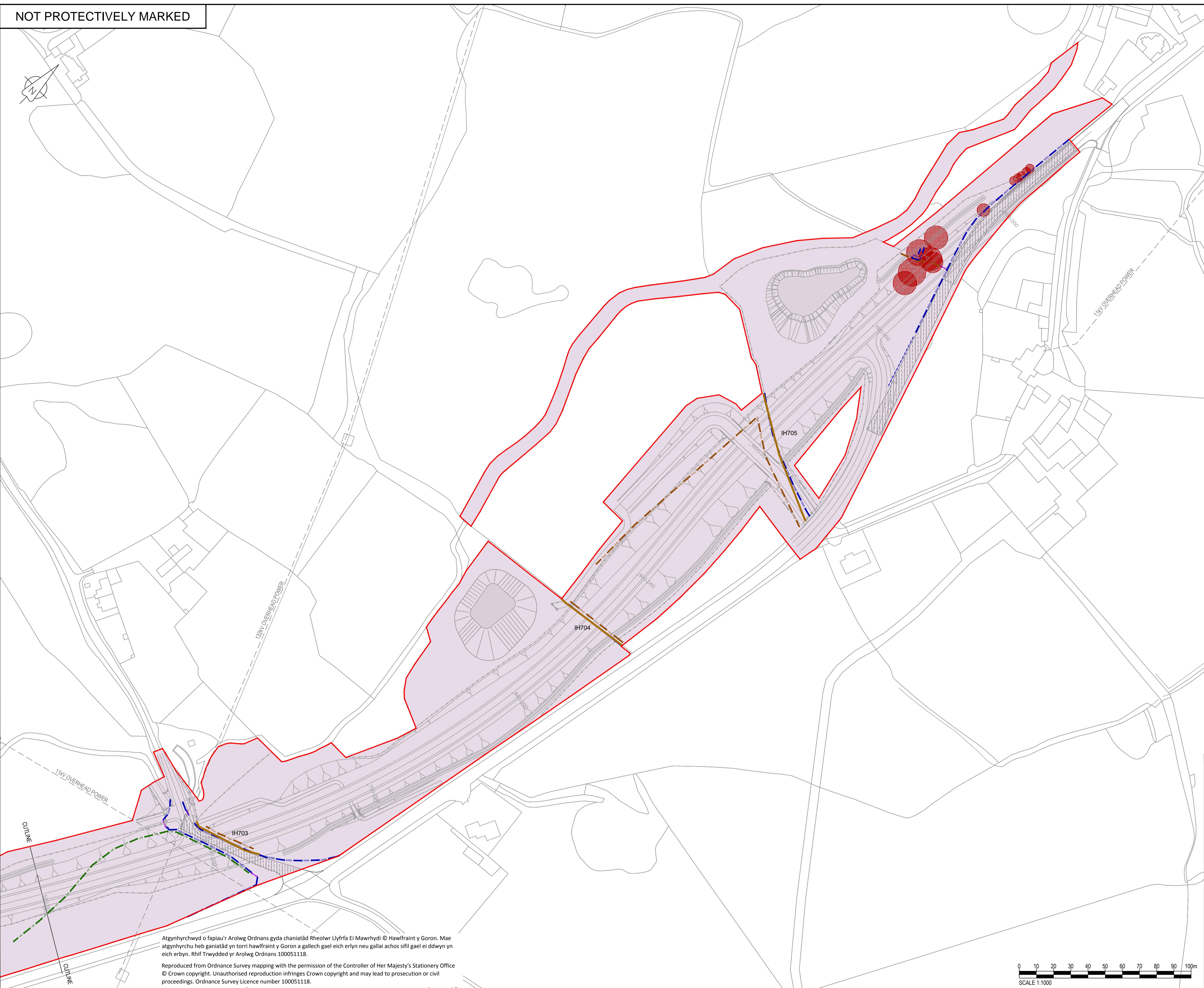
Atgynhyrwyd o fapiau'r Arolwg Ordnans gyda chaniatâd Rheolwr Llyfrfa Ei Mawrhydi © Hawlfraint y Goron. Mae atgynhyrchi heb ganiatâd yn torri hawlfraint y Goron a gallich gael eich erlyn neu gallai achos sifil gael ei ddwym yn eich erbyn. Rhif Trwydded yr Arolwg Ordnans 100051118.

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0 10 20 30 40 50 60 70 80 90 100m
SCALE 1:1000

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NOTES

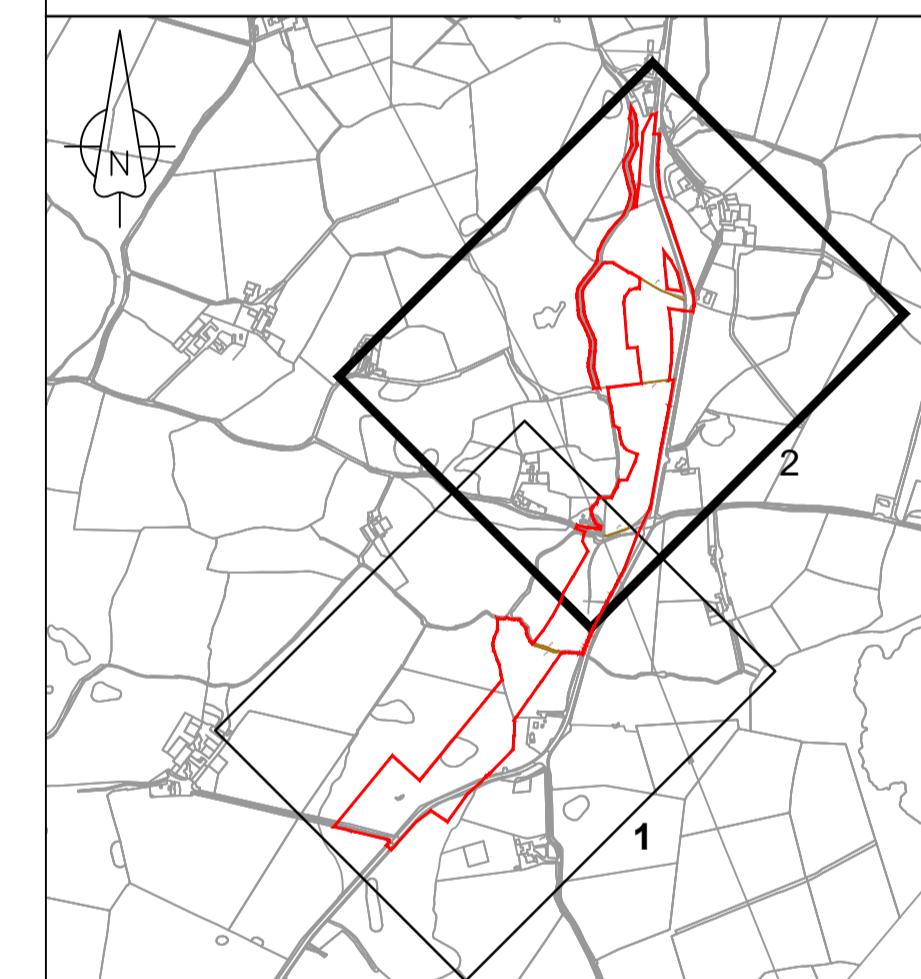
- The area shown as 'general site clearance' does not mean that everything within this area is to be cleared. Site clearance will be the minimum required to undertake the works; general site clearance consists of removal of overgrowth in verges, topsoil removal and disposal.
- Only fencing, hedgerows & gates identified in the key are to be removed as part of the site clearance works.
- Important Hedgerow Reference Number (see Schedule 18 of the draft DCO (Application Reference Number: 3.1).

LEGEND

Order Limits
General site clearance area
Road pavement to be excavated & removed
Stone wall to be removed
Timber post & wire fence to be removed
Hedgerow to be removed
Tree to be removed
Gate to be removed
Important Hedgerow (Hedgerow Regulations 1997) IH** To be removed

REFERENCE DRAWINGS

- For sheet 2 refer to drawing WN0902-HZDCO-OHW-DRG-00052.



KEY PLAN
(NOT TO SCALE)

1.0	MARCH 2018	FOR DCO SUBMISSION	HNPWL	HNPWL	HNPWL
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd

FOR APPROVAL

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Project
**WYLFA NEWYDD
DCO PROJECT**

Drawing Title

A5025 OFF-LINE HIGHWAY IMPROVEMENTS

SECTION 7 - CEFN COCH

PROPOSED SITE CLEARANCE PLAN

SHEET 2

Regulation 5 (2) (o)

Security Status

NOT PROTECTIVELY MARKED

Scale 1:1000 Sheet Size A1 Sheet(s) 1 of 1

Drawing Number WN0902-HZDCO-OHW-DRG-00053 Rev

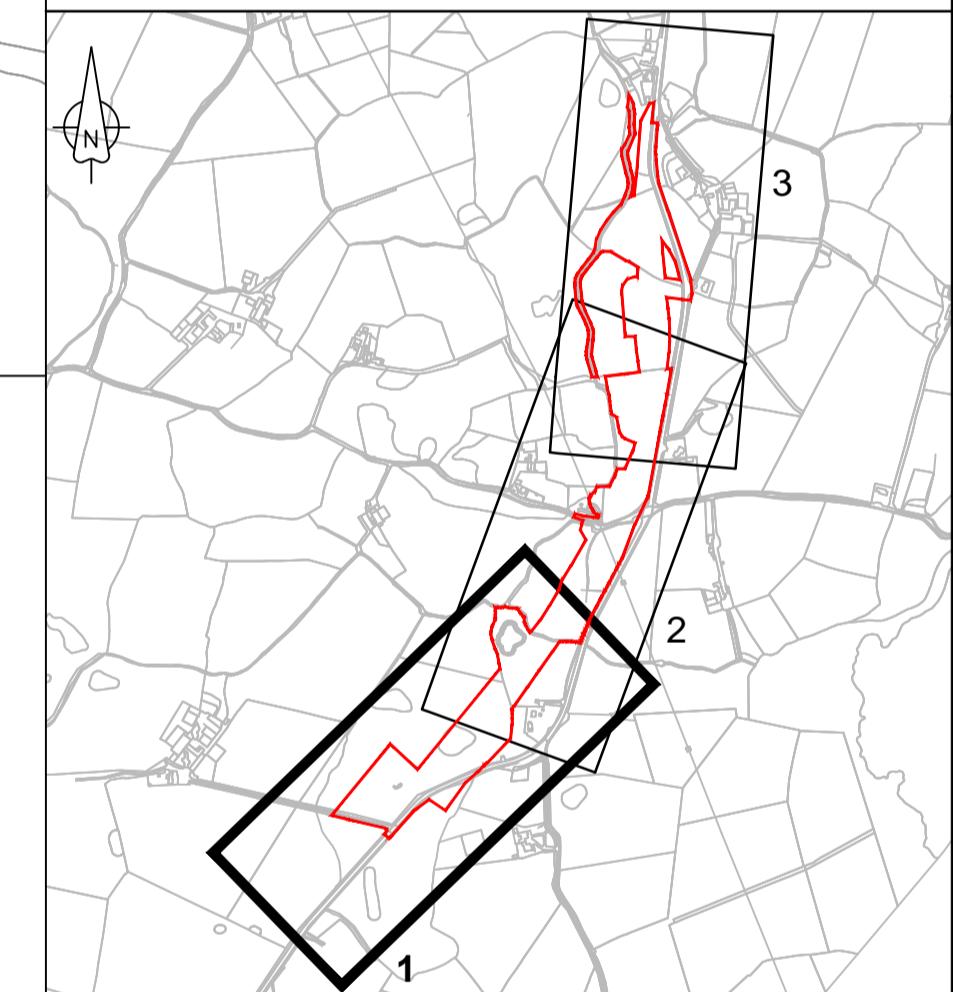
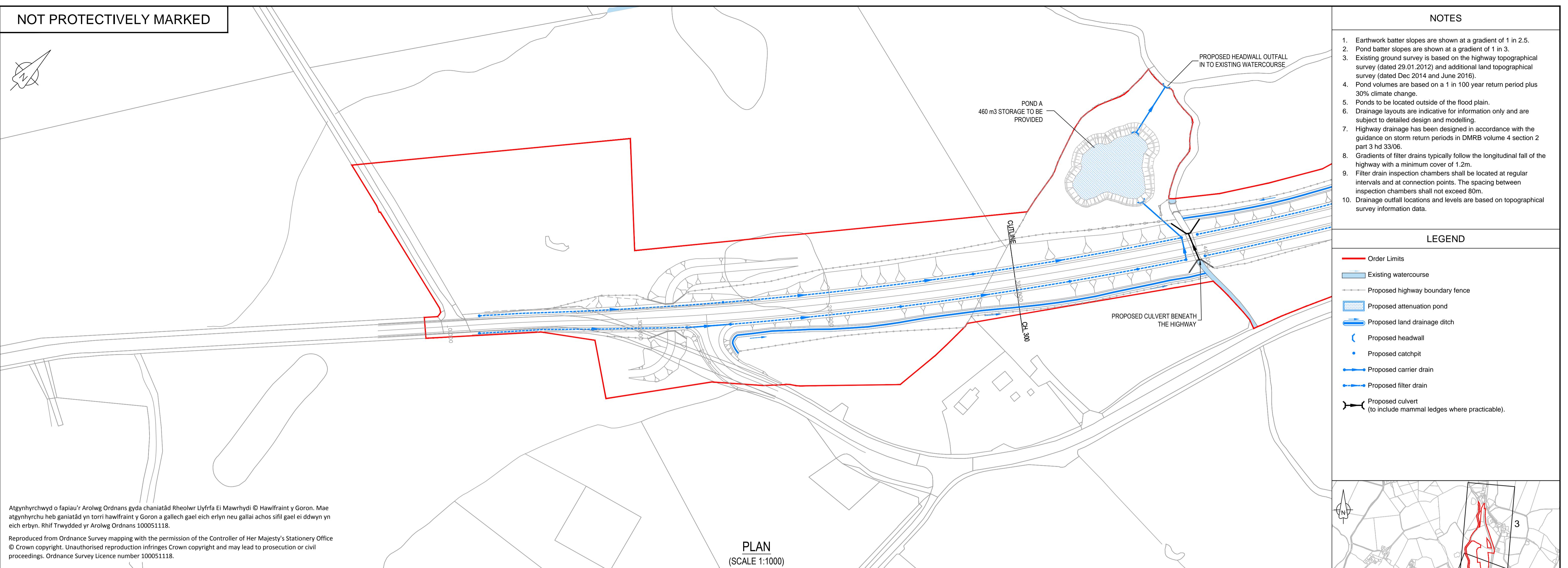
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SCALE 1:1000

Atgynhyrwyd o fapiau'r Arolwg Ordinans gyda chaniatâd Rheolwr Llyfrfa Ei Mawrhydi © Hawlfraint y Goron. Mae atgynhyrchu heb ganiatâd yn torri hawlfraint y Goron a gall eich erlyn neu gallai achos sifil gael ei ddyw yn eich erbyn. Rhif Trywydd yr Arolwg Ordinans 100051118.

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Project
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DCO PROJECT

Drawing Title
A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
PROPOSED DRAINAGE PLAN
SHEET 1

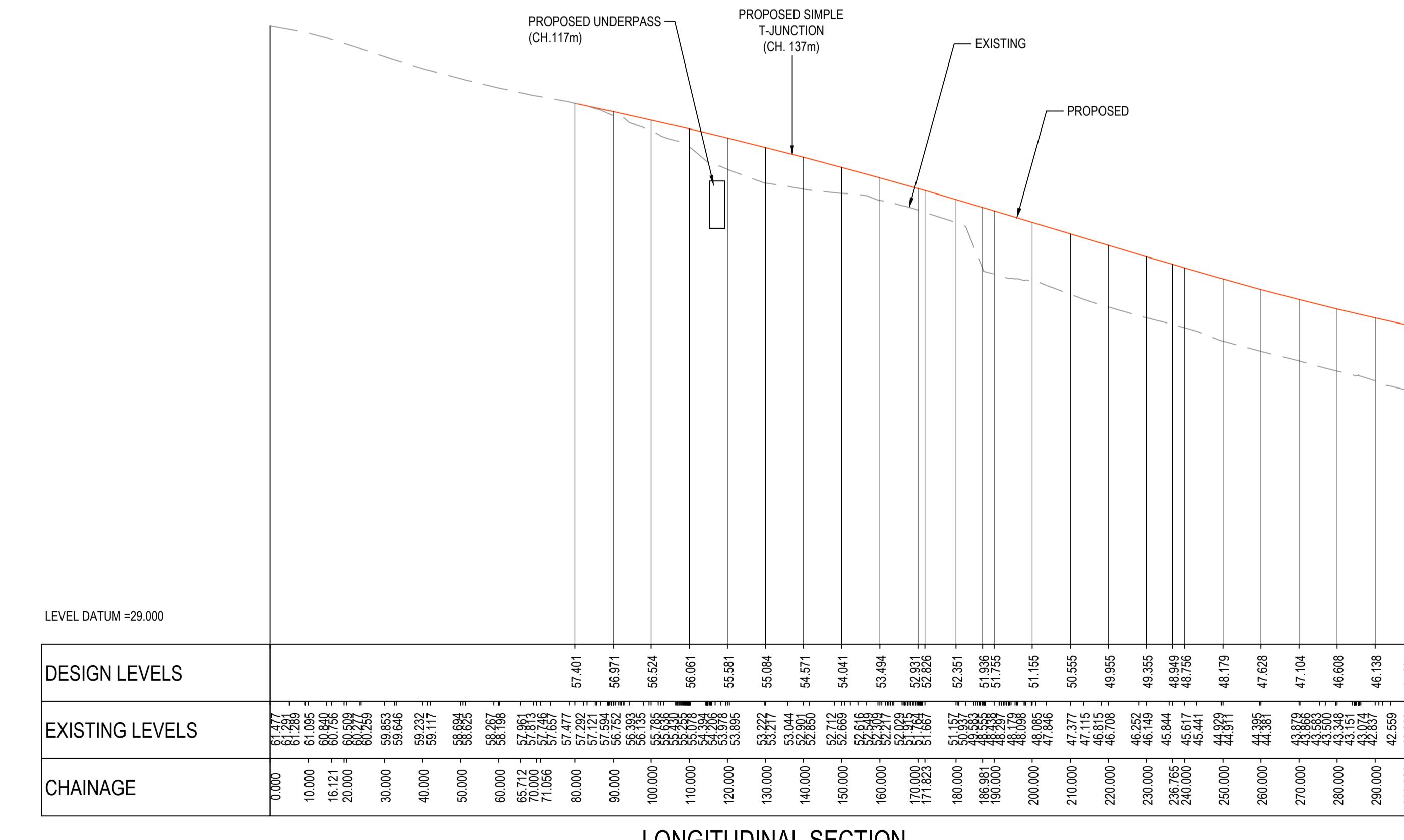
Regulation 5 (2) (o)

Security Status
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Scale AS SHOWN Sheet Size A1 Sheet(s) 1 OF 1

Drawing Number WN0902-HZDCO-OHW-DRG-00054 Rev 1.0

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NOTES

1. Earthwork batter slopes are shown at a gradient of 1 in 2.5.
2. Pond batter slopes are shown at a gradient of 1 in 3.
3. Existing ground survey is based on the highway topographical survey (dated 29.01.2012) and additional land topographical survey (dated Dec 2014 and June 2016).
4. Pond volumes are based on a 1 in 100 year return period plus 30% climate change.
5. Ponds to be located outside of the flood plain.
6. Drainage layouts are indicative for information only and are subject to detailed design and modelling.
7. Highway drainage has been designed in accordance with the guidance on storm return periods in DMRB volume 4 section 2 part 3 HD 33/06.
8. Gradients of filter drains typically follow the longitudinal fall of the highway with a minimum cover of 1.2m.
9. Filter drain inspection chambers shall be located at regular intervals and at connection points. The spacing between inspection chambers shall not exceed 80m.
10. Drainage outfall locations and levels are based on topographical survey information data.

LEGEND

- Order Limits
- Catchment area 01
- Catchment area 02
- Catchment area 03
- Catchment area 04

1.0	MARCH 2018	FOR DCO SUBMISSION	HNWL	HNWL	HNWL
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Drawing Title
**A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
PROPOSED DRAINAGE CATCHMENT PLAN**

Regulation 5 (2) (o)

Security Status
NOT PROTECTIVELY MARKED

Scale 1:2000 Sheet Size A1 Sheet(s) 1 OF 1

Drawing Number WN0902-HZDCO-OHW-DRG-00057 Rev 1.0

0 20 40 60 80 100 120 140 160 180 200m
SCALE 1:2000

PLAN
(SCALE 1:2000)

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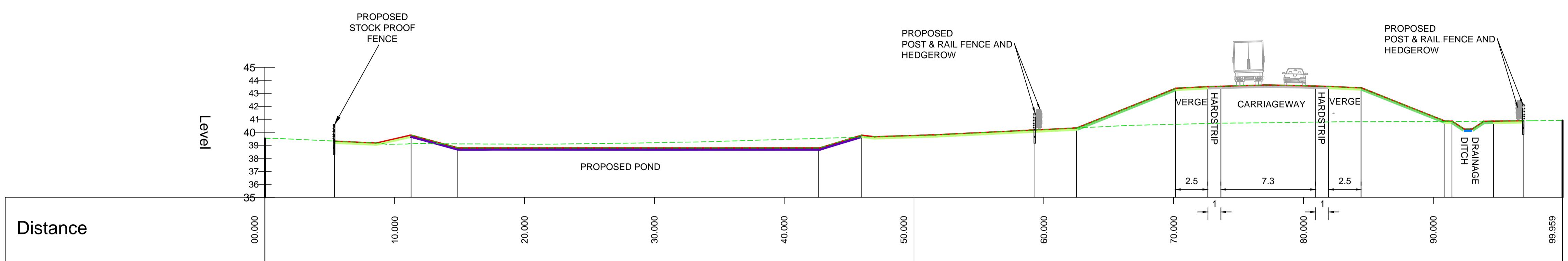
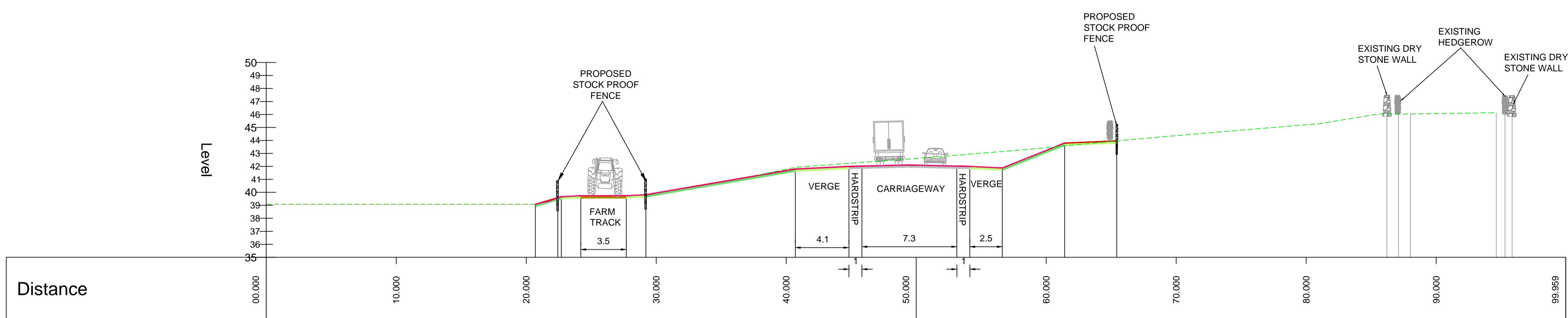
NOTES

1. All levels in metres unless stated otherwise.
2. All dimensions in metres unless stated otherwise.

LEGEND

Proposed levels
Existing levels

REFERENCE DRAWINGS

WN0902-H2DCO-OHW-DRG-00050 - A5025 OFF-LINE HIGHWAYS
IMPROVEMENTS SECTION 7 - CEFN COCH PROPOSED
GENERAL ARRANGEMENT (SHEET 2)PROPOSED CROSS SECTION 7A-A
(SCALE 1:200)PROPOSED CROSS SECTION 7B-B
(SCALE 1:200)

1.0 MARCH 2018 FOR DCO SUBMISSION HNPWL HNPWL HNPWL

Rev Rev. Date Purpose of revision Drawn Checked Apprvd

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DCO PROJECTDrawing Title
A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
PROPOSED CROSS SECTION 7A-A & 7B-B

Regulation 5 (2) (o)

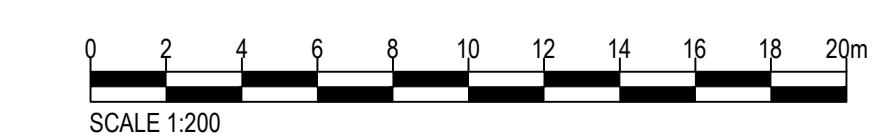
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Scale 1:200 Sheet Size A1 Sheet(s) 1 OF 1

Drawing Number

Rev

WN0902-HZDCO-OHW-DRG-00058 1.0

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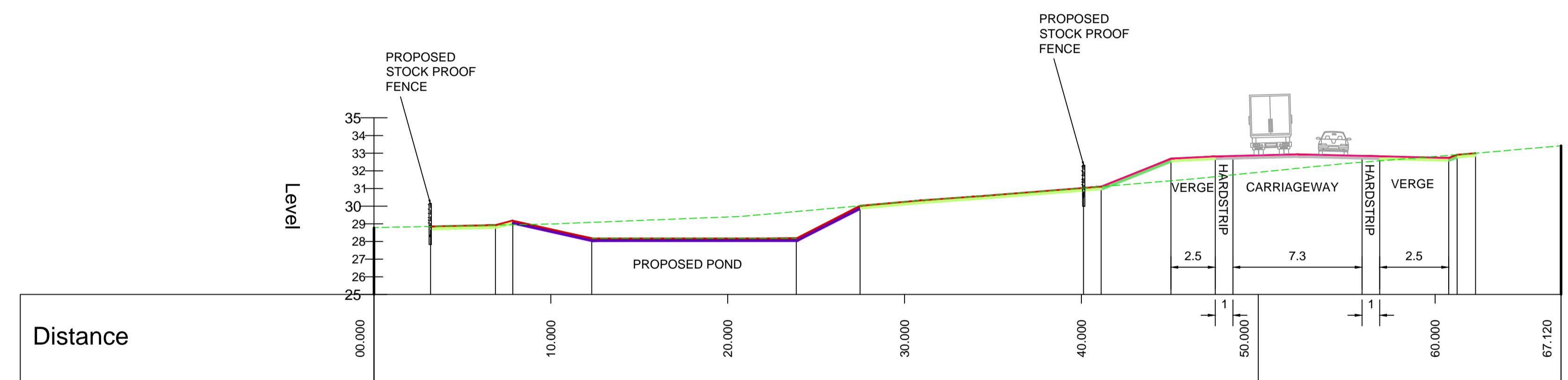
1. All levels in metres unless stated otherwise.
2. All dimensions in metres unless stated otherwise.
3. Refer to drawing number WN0902-HZDCO-OHW-DRG-00051 for details of section locations.

LEGEND

— Proposed levels
- - - Existing levels

REFERENCE DRAWINGS

WN0902-HZDCO-OHW-DRG-00051 - A5025 OFF-LINE HIGHWAYS IMPROVEMENTS SECTION 7 - CEFN COCH PROPOSED GENERAL ARRANGEMENT (SHEET 3)



PROPOSED CROSS SECTION 7C-C
(SCALE 1:200)

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Drawing Title
A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
PROPOSED CROSS SECTION 7C-C

Regulation 5 (2) (o)

Security Status
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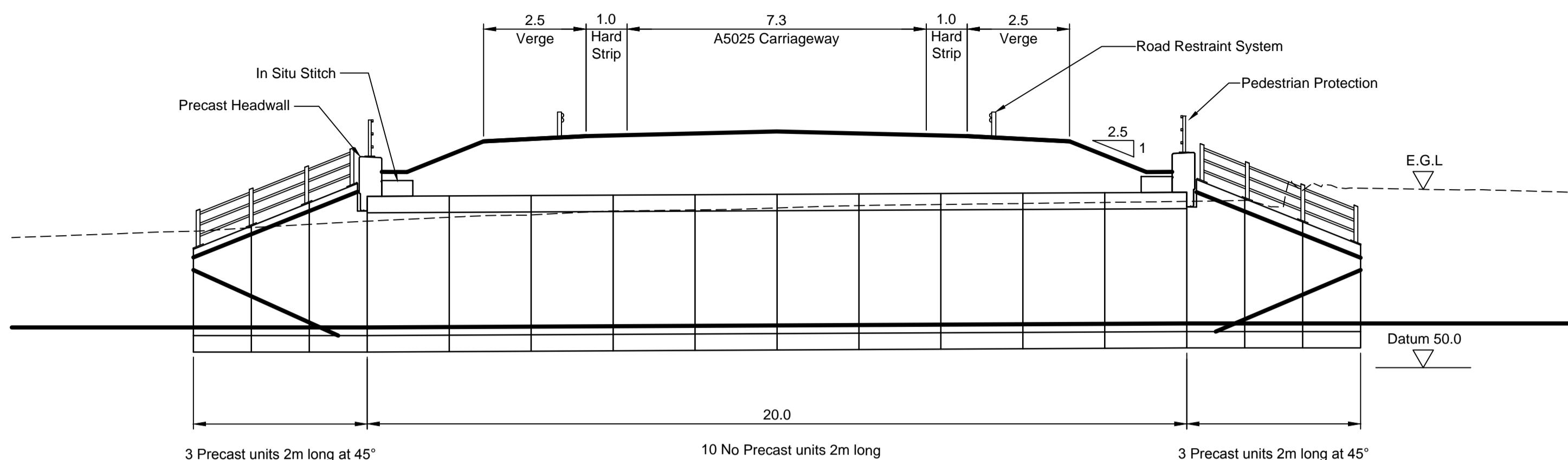
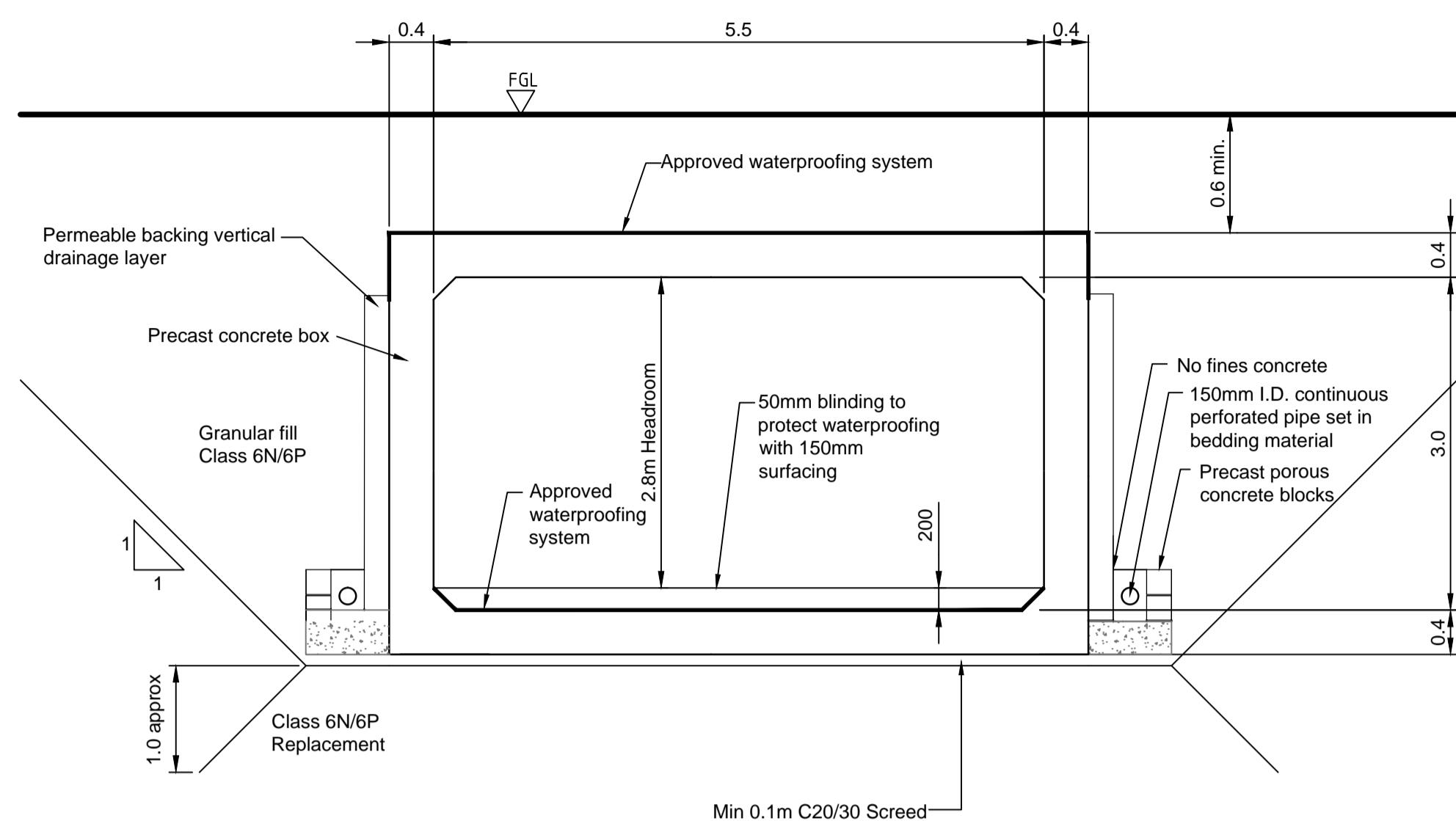
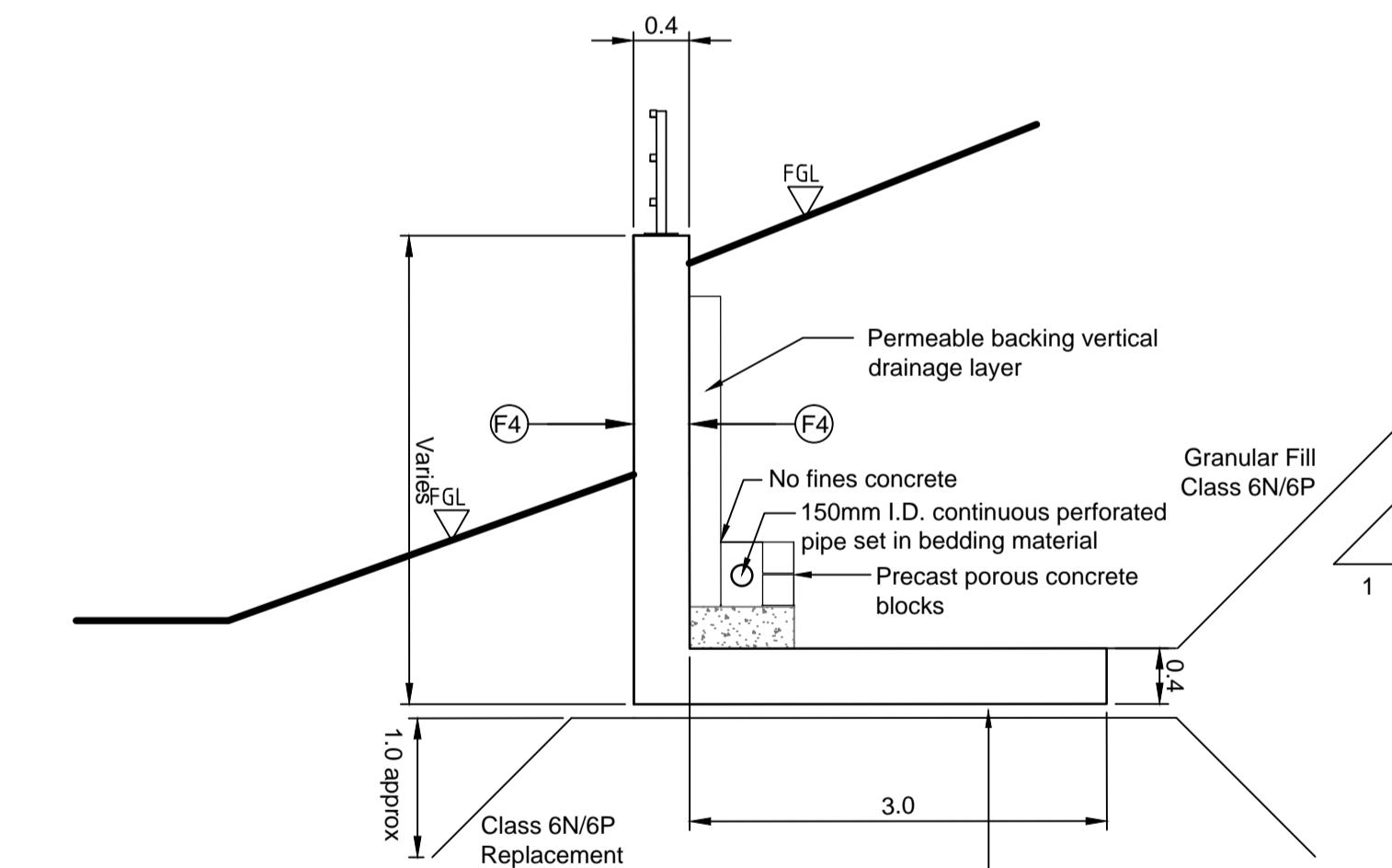
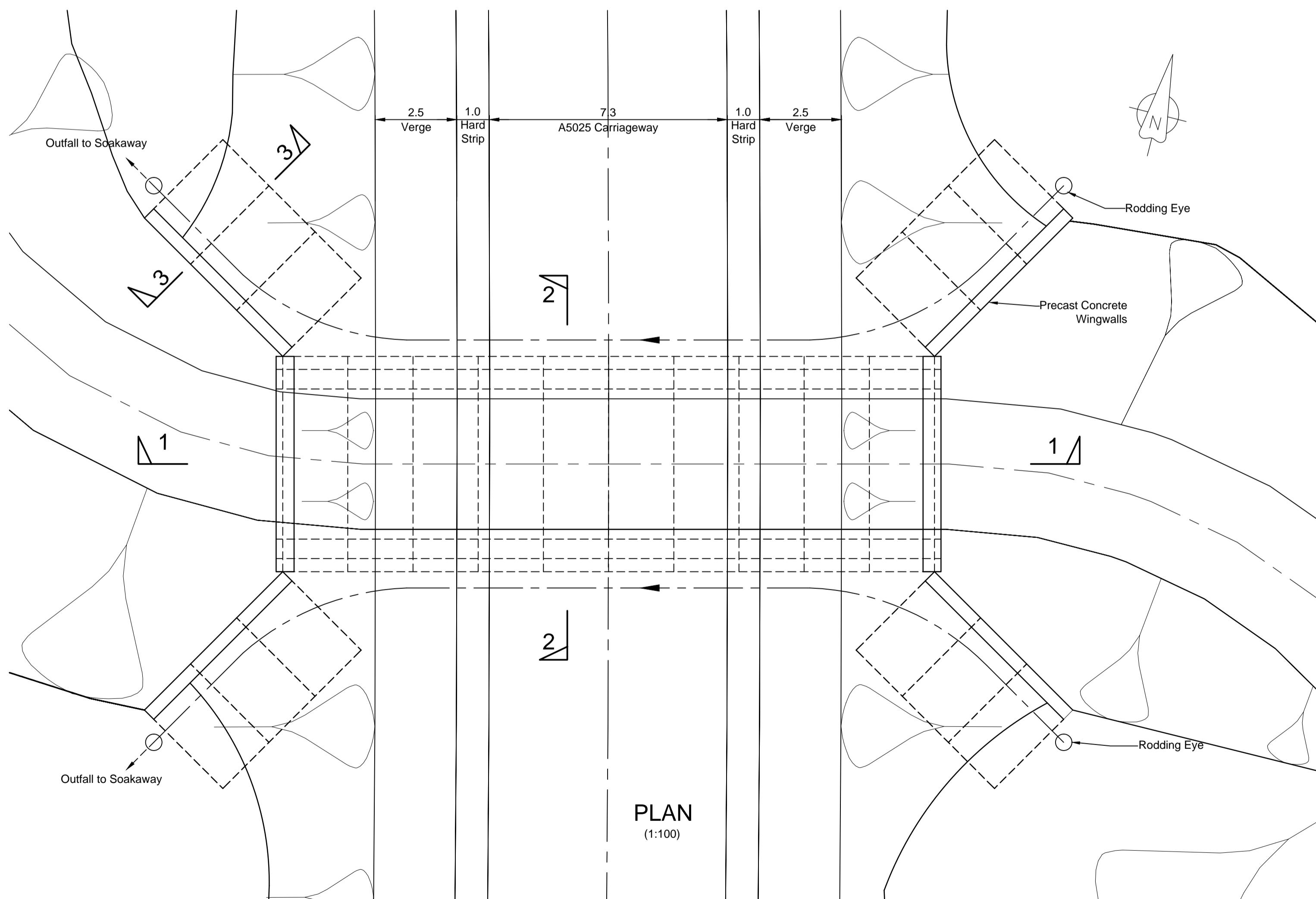
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Drawing Number	WN0902-HZDCO-OHW-DRG-00059	Rev
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0 2 4 6 8 10 12 14 16 18 20m
SCALE 1:200

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SECTION 1-1
(1:100)SECTION 2-2
(1:50)SECTION 3-3
(1:50)

NOTES

- All levels in metres unless stated otherwise.
- All dimensions in metres unless stated otherwise.
- All changes and coordinates are in metres unless otherwise stated.
- Concrete strength class:
Precast box and wing walls C50/60
- Notation:
Class of formed concrete finish is indicated thus
F4 for class F4

1.0	MARCH 2018	FOR DCO SUBMISSION	HNPWL	HNPWL	HNPWL
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Project

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Drawing Title

A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
CEFN COCH UNDERPASS
GENERAL ARRANGEMENT

Regulation 5 (2) (o)

Security Status

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Scale AS SHOWN Sheet Size A1 Sheet(s) 1 of 1

Drawing Number

WN0902-HZDCO-OHW-DRG-00060 1.0

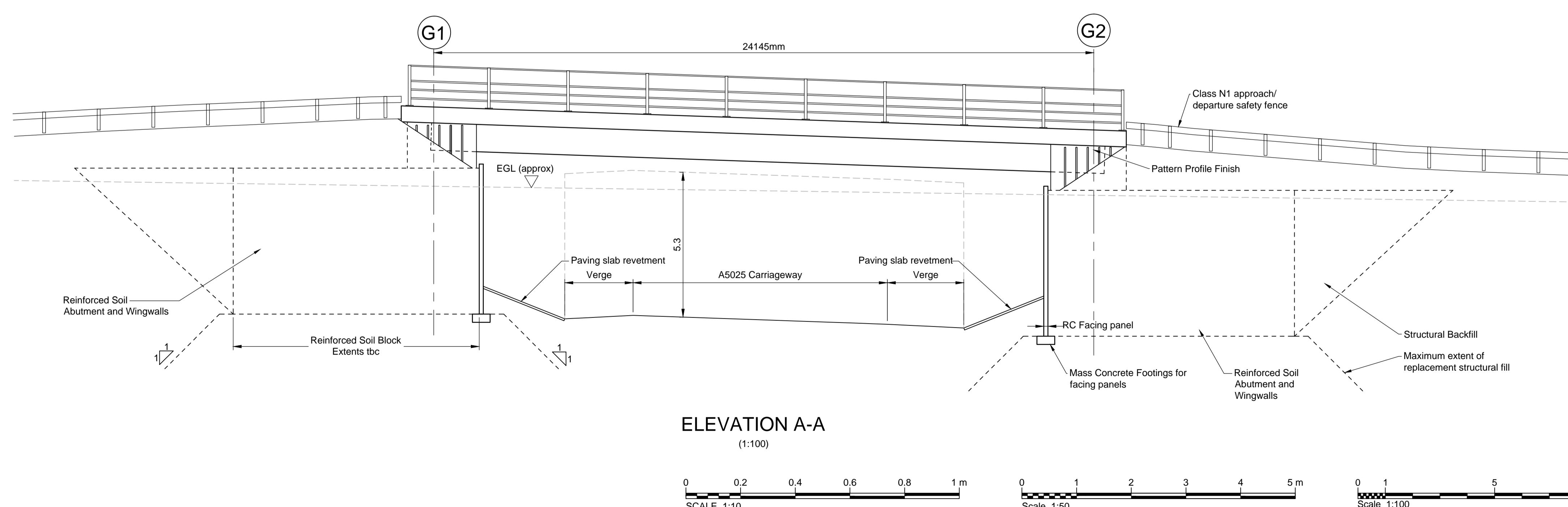
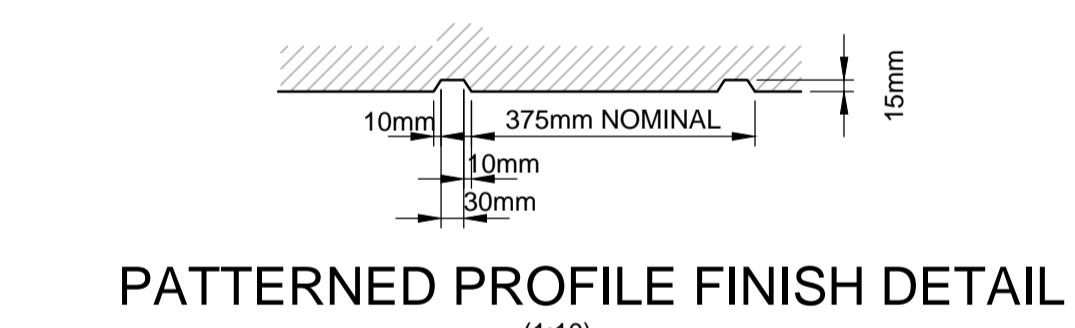
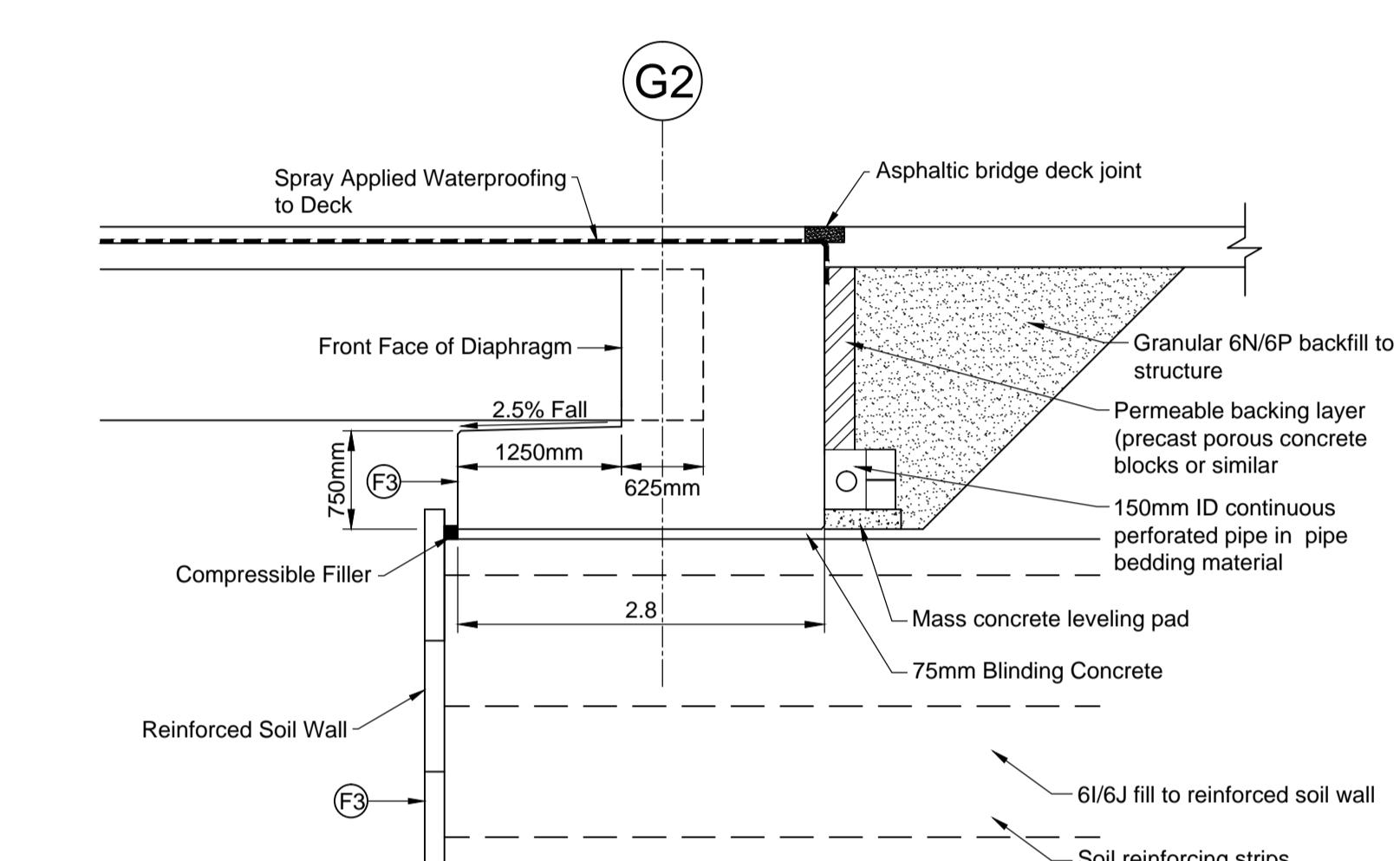
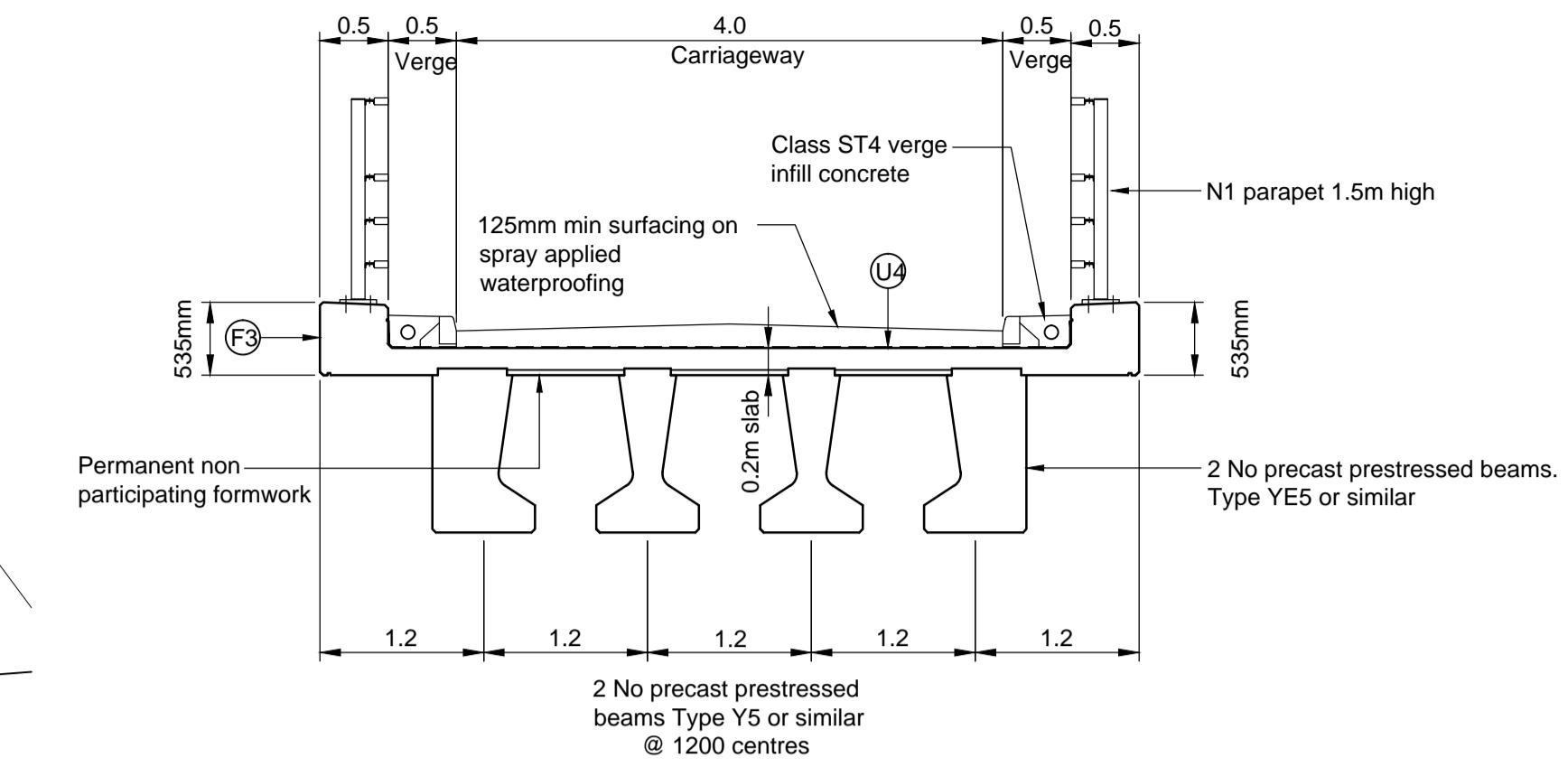
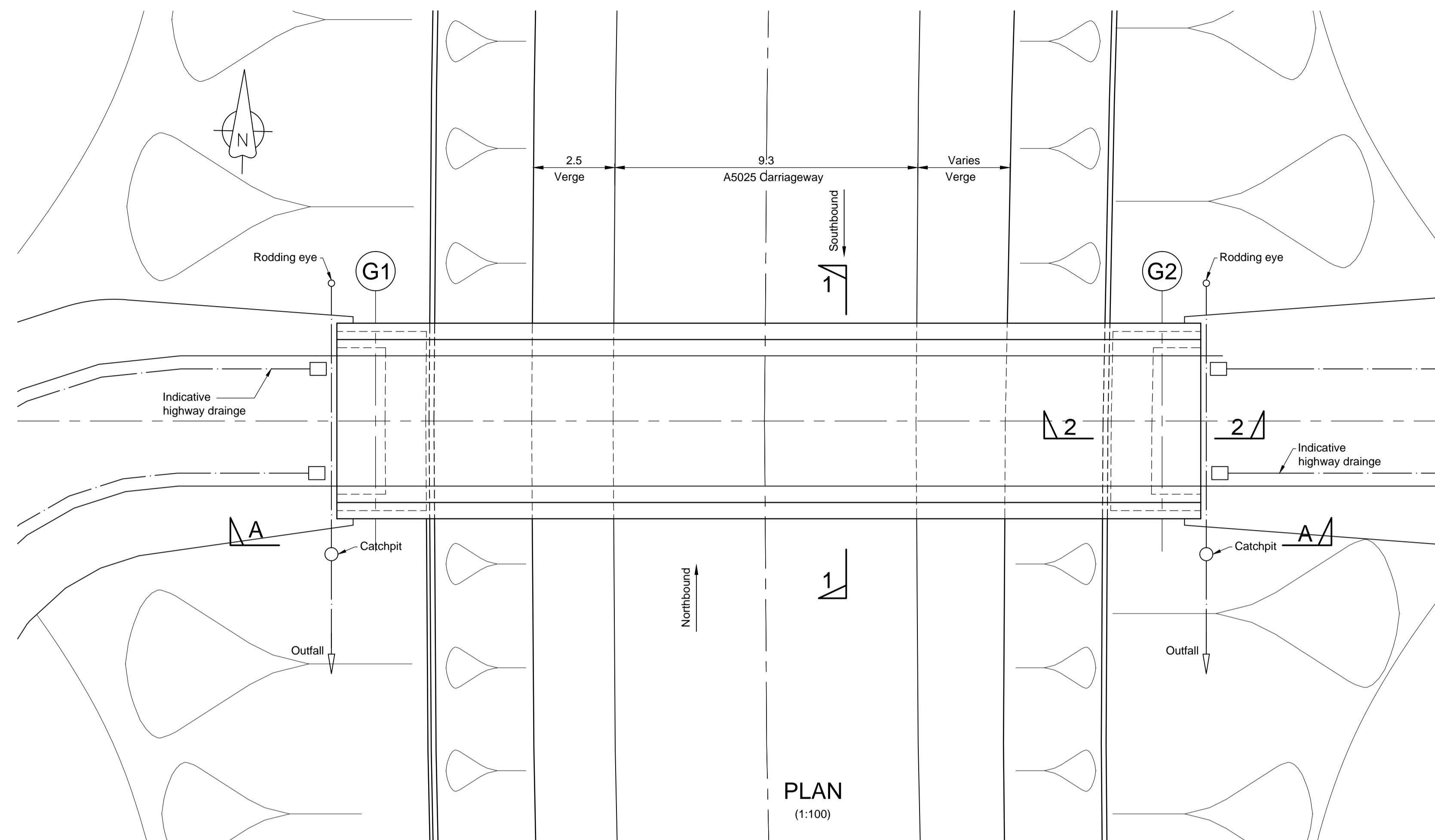
Rev

0 1 2 3 4 5 m
Scale 1:50

0 1 5 10 m
Scale 1:100

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NOTES

- All dimensions are in metres unless otherwise stated.
- Concrete strength class:
Precast beams C50/60
Deck slab C40/50
Bank seats C40/50
Facing panels C40/50
- Notation:
Class of formed concrete finish is indicated thus
(F1) For class F1
Class of unformed concrete finish is indicated thus
(U1) For class U1

1.0 MARCH 2018 FOR DCO SUBMISSION HNPWL HNPWL HNPWL
Rev Rev. Date Purpose of revision Drawn Checked Apprvd

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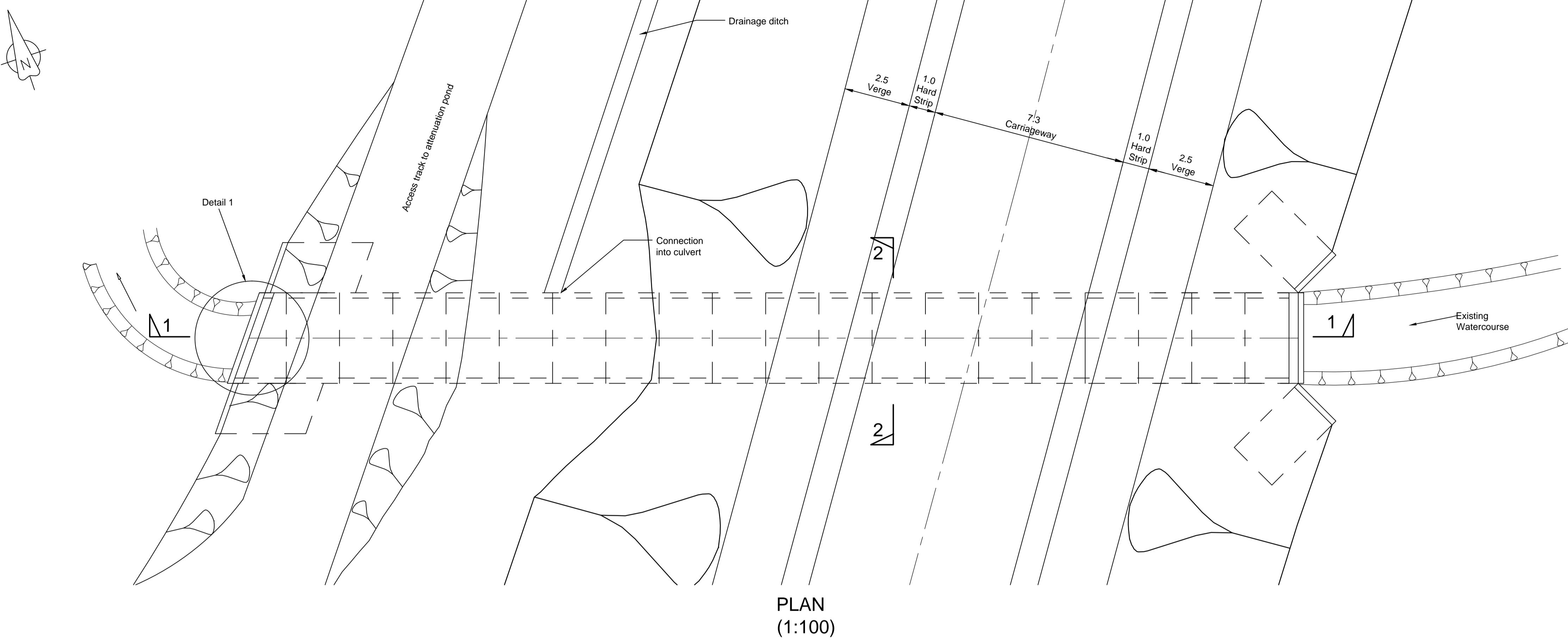
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**A5025 OFF-LINE HIGHWAY IMPROVEMENTS
SECTION 7 - CEFN COCH
CEFN COCH OVERBRIDGE**

Regulation 5 (2) (o)
Security Status
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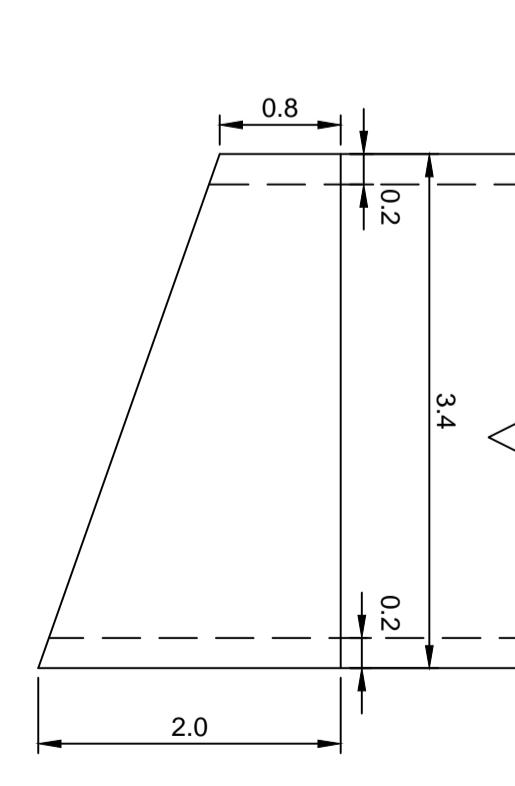
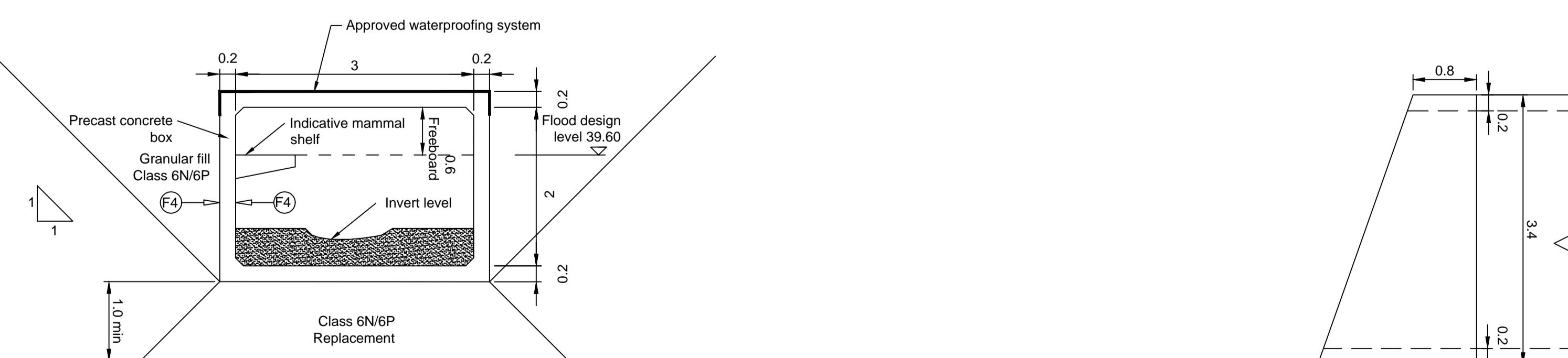
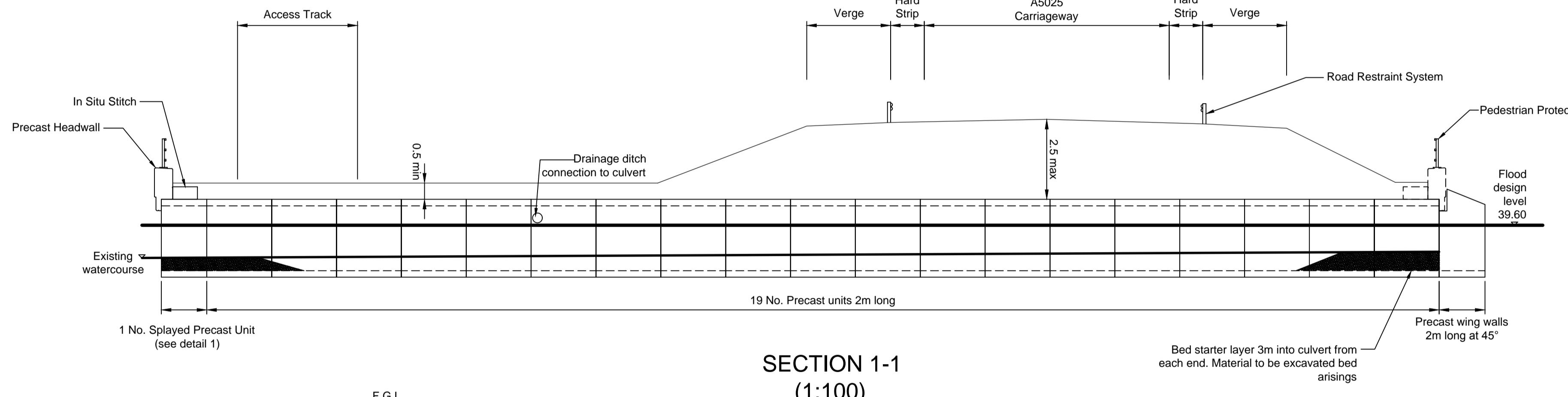
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Drawing Number
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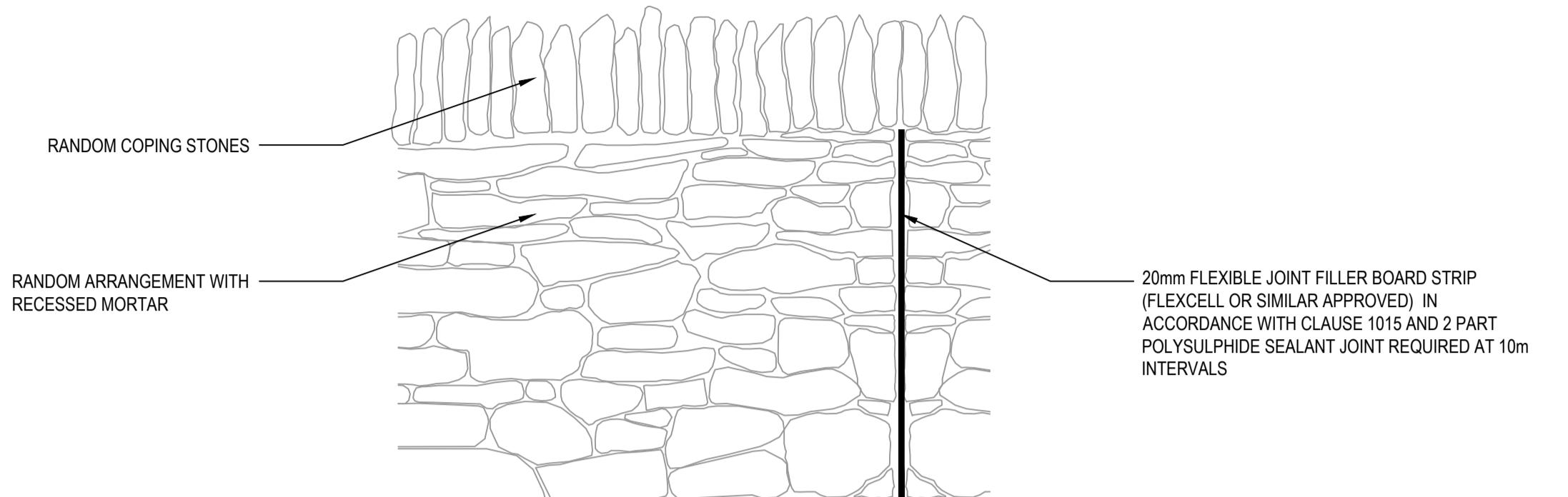
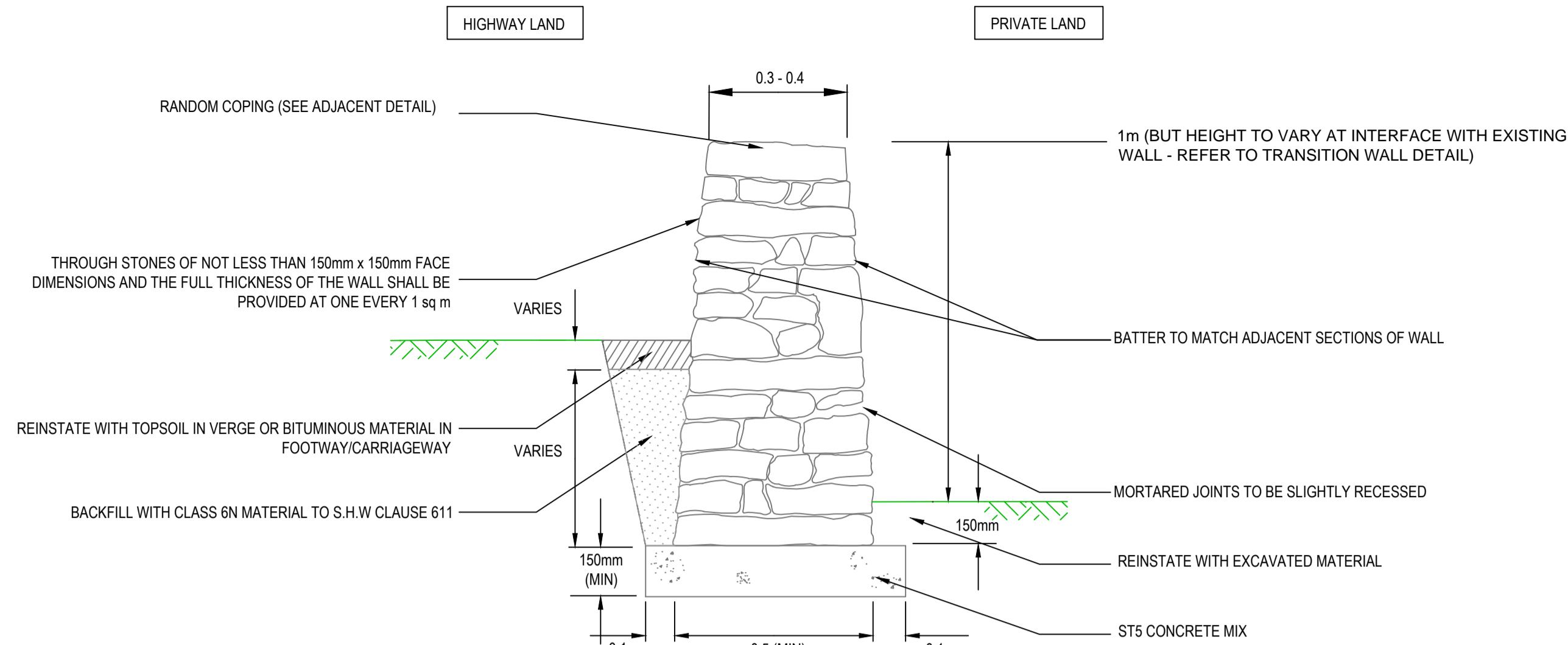
NOTES					
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2.	All dimensions in metres unless stated otherwise.				
3.	All chainages and coordinates are in metres unless otherwise stated.				
2.	Concrete strength class:				
	Precast box and wing walls C50/60				
3.	Notation:-				
	Class of formed concrete finish is indicated thus				
	(F4) For class F4				



Scale 1:50 0 1 2 3 4 5 10 m
Scale 1:100 0 1 2 3 4 5 10 m

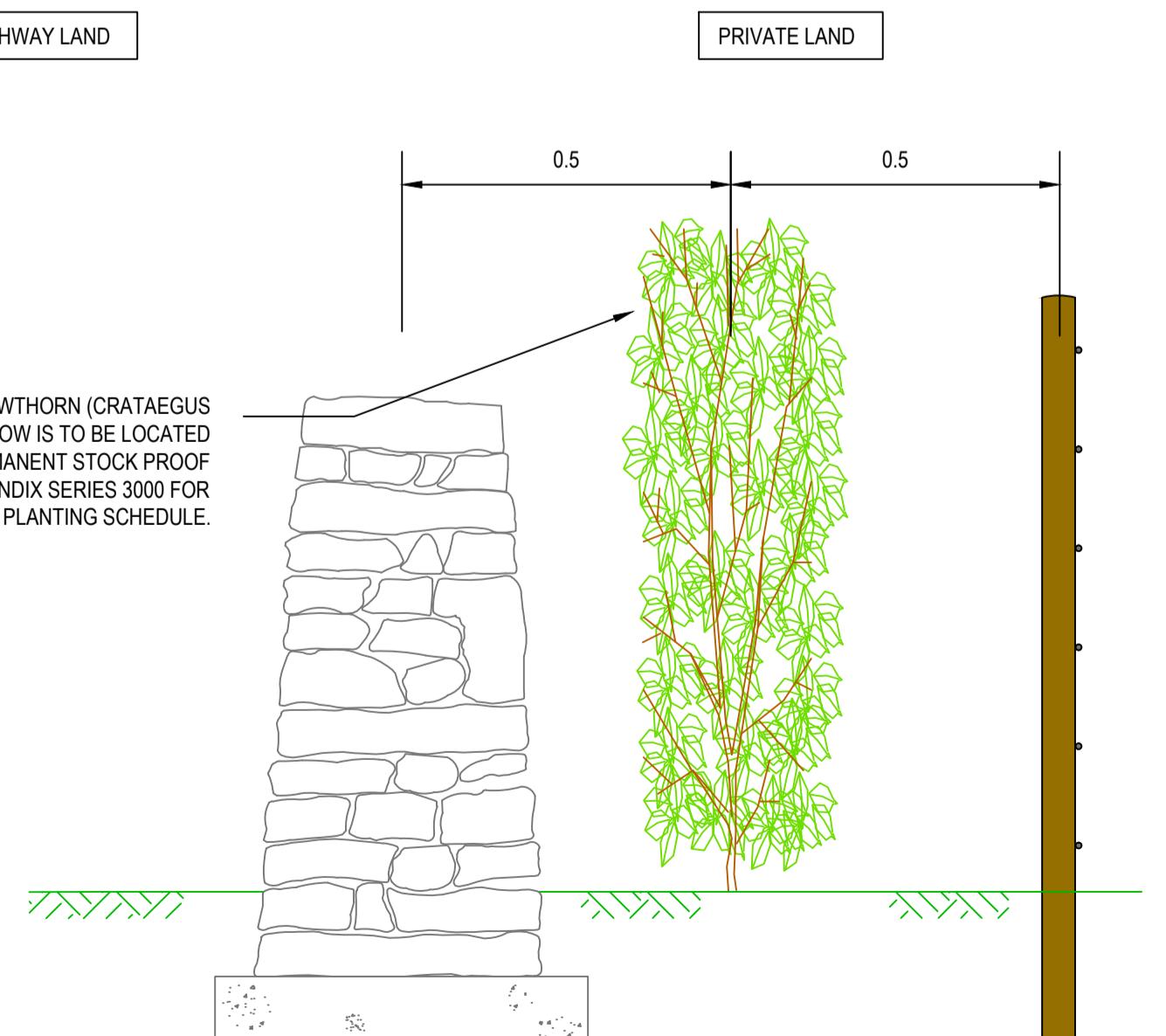
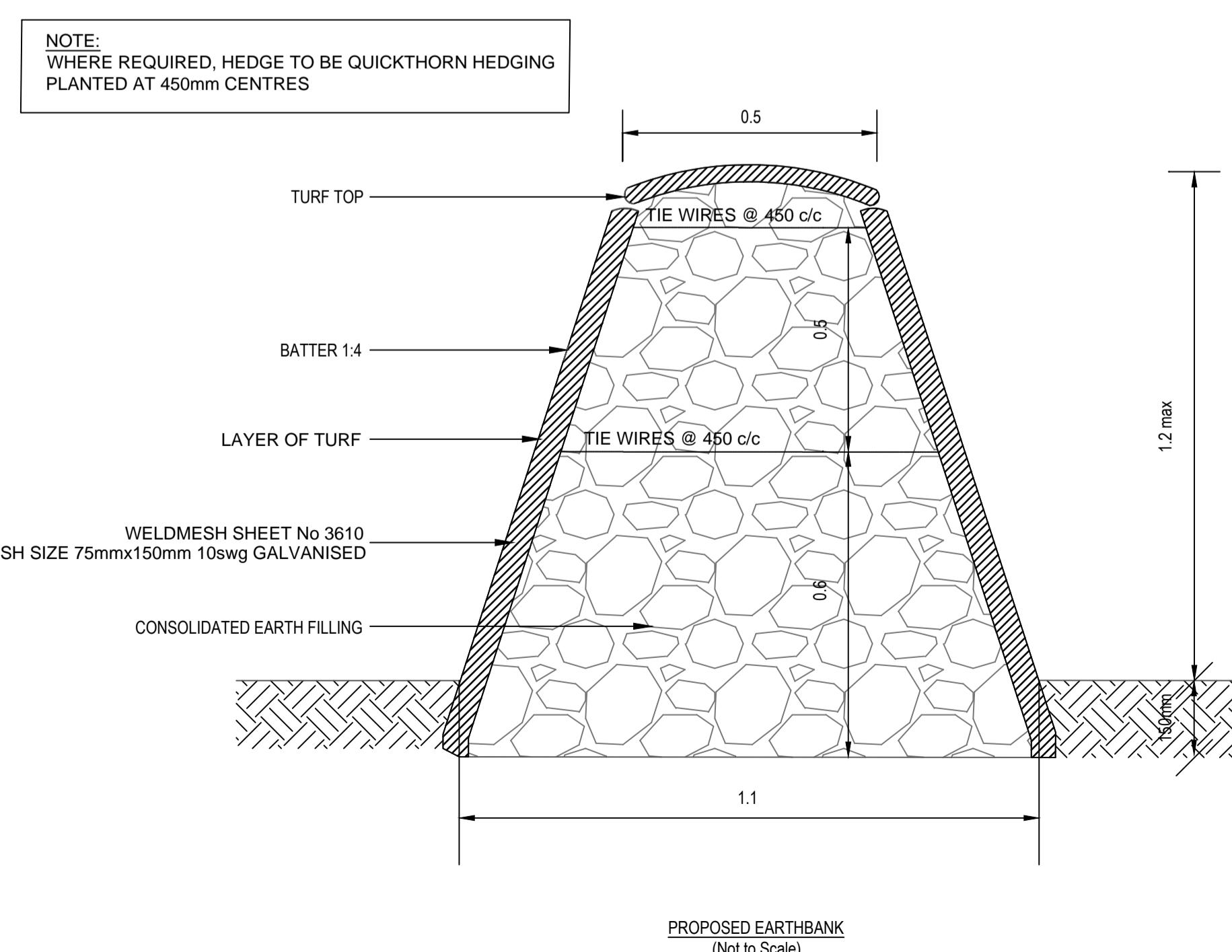
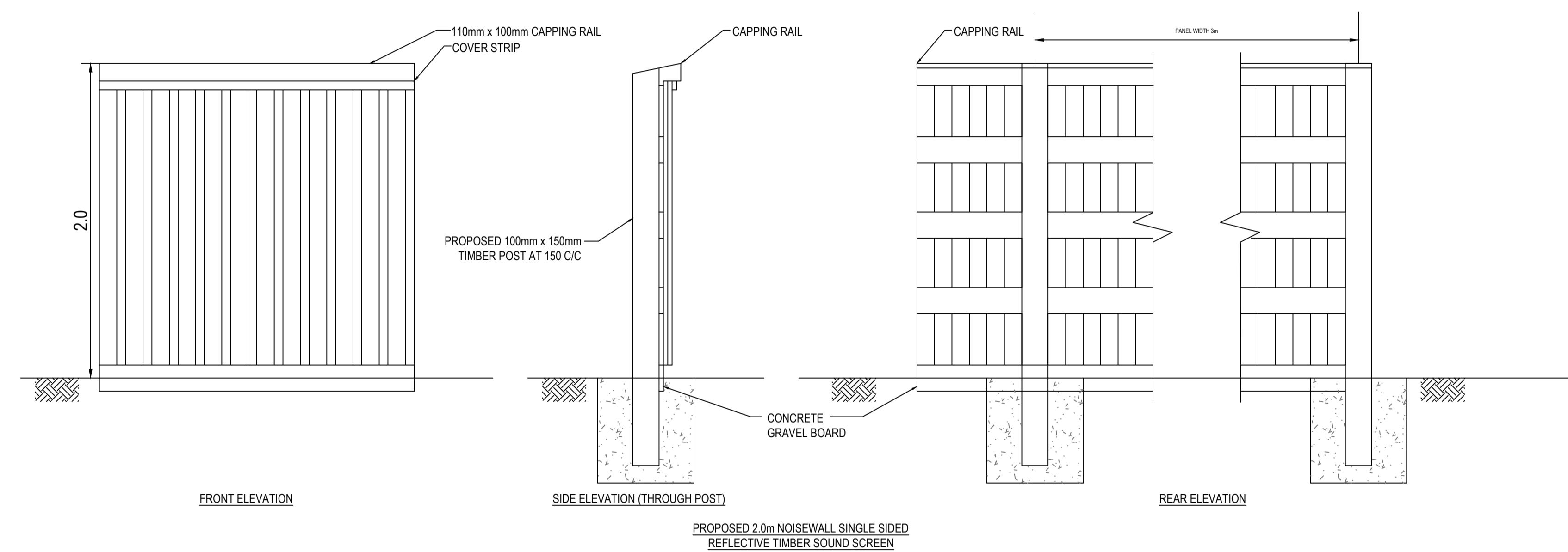
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Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Apprvd
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Drawing Title					
A5025 OFF-LINE HIGHWAY IMPROVEMENTS SECTION 7 - CEFN COCH CEFN COCH CULVERT GENERAL ARRANGEMENT					
Regulation 5 (2) (o)					
Security Status					
NOT PROTECTIVELY MARKED					
Scale	AS SHOWN	Sheet Size	A1	Sheet(s)	1 of 1
Drawing Number	WN0902-HZDCO-OHW-DRG-00062	Rev			

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PROPOSED MORTARED STONE WALL (SECTION) (No. 1)
Scale)

PROPOSED MORTARED STONE WALL (ELEVATION) (Not to Scale)



TYPICAL STONE WALL, HEDGEROW AND TIMBER POST & WIRE BOUNDARY
FEATURE
(Not to Scale)

NOTES

1. All dimensions in metres unless stated otherwise.
2. Only written dimensions are to be used.
3. All timber post & rail fences and timber post & wire fences to have 2 barbed wire strands.
4. For details of timber post & wire fences refer to DMRB MCHW standard detail H1.
5. For details of timber post & 4 rail fences refer to DMRB MCHW standard detail H3.
6. For details of proposed vehicular field access gates refer to DMRB MCHW standard detail H17.
7. For details of timber wicket gate refer to DMRB MCHW standard detail H23.

MARCH 2018	FOR DCO SUBMISSION	HNPWL	HNPWL	HNPWL
Part B	Purpose of revision	D	Checklist	Checklist

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WYLFA NEWYDD DCO PROJECT

ng Title

025 OFF-LINE HIGHWAY IMPROVEMENTS

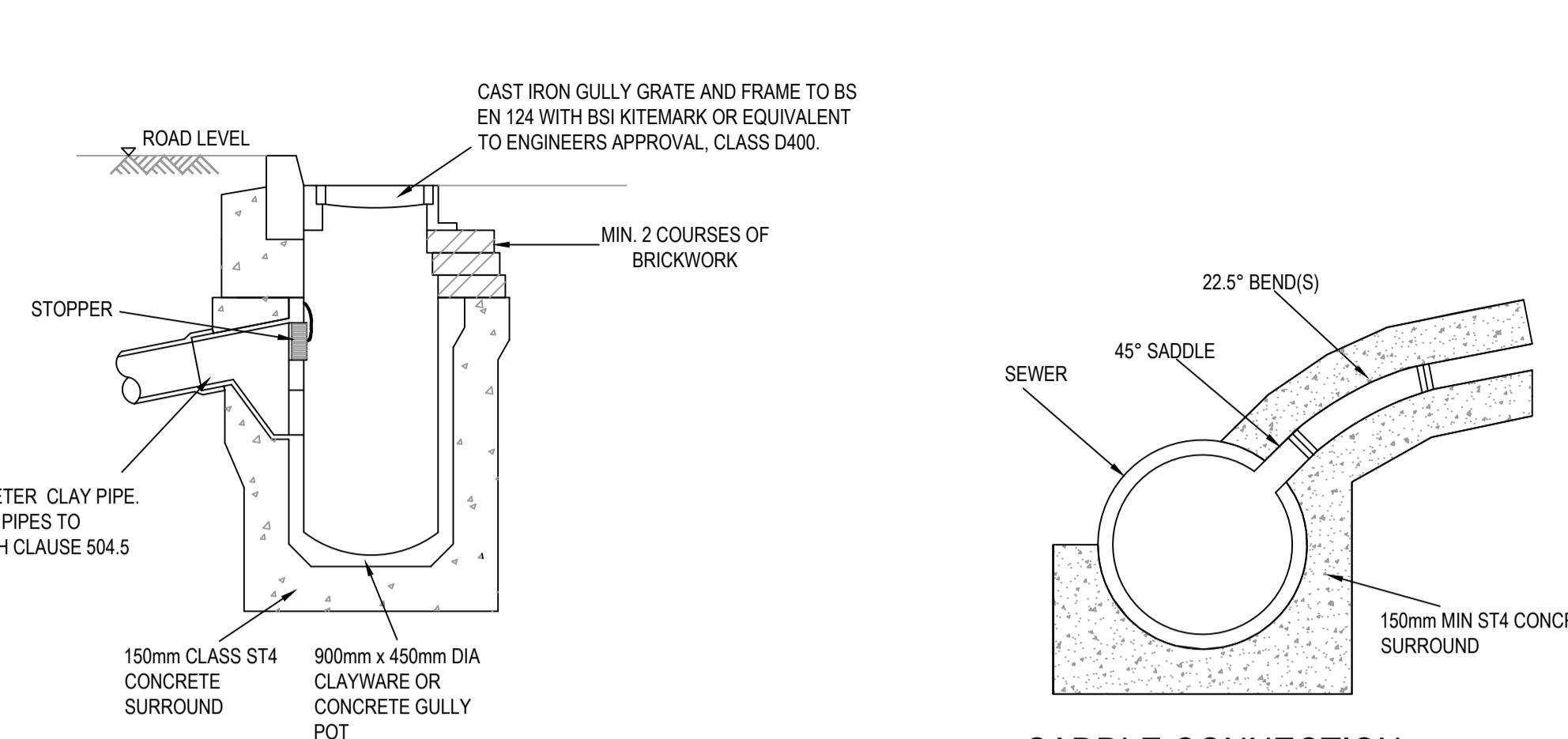
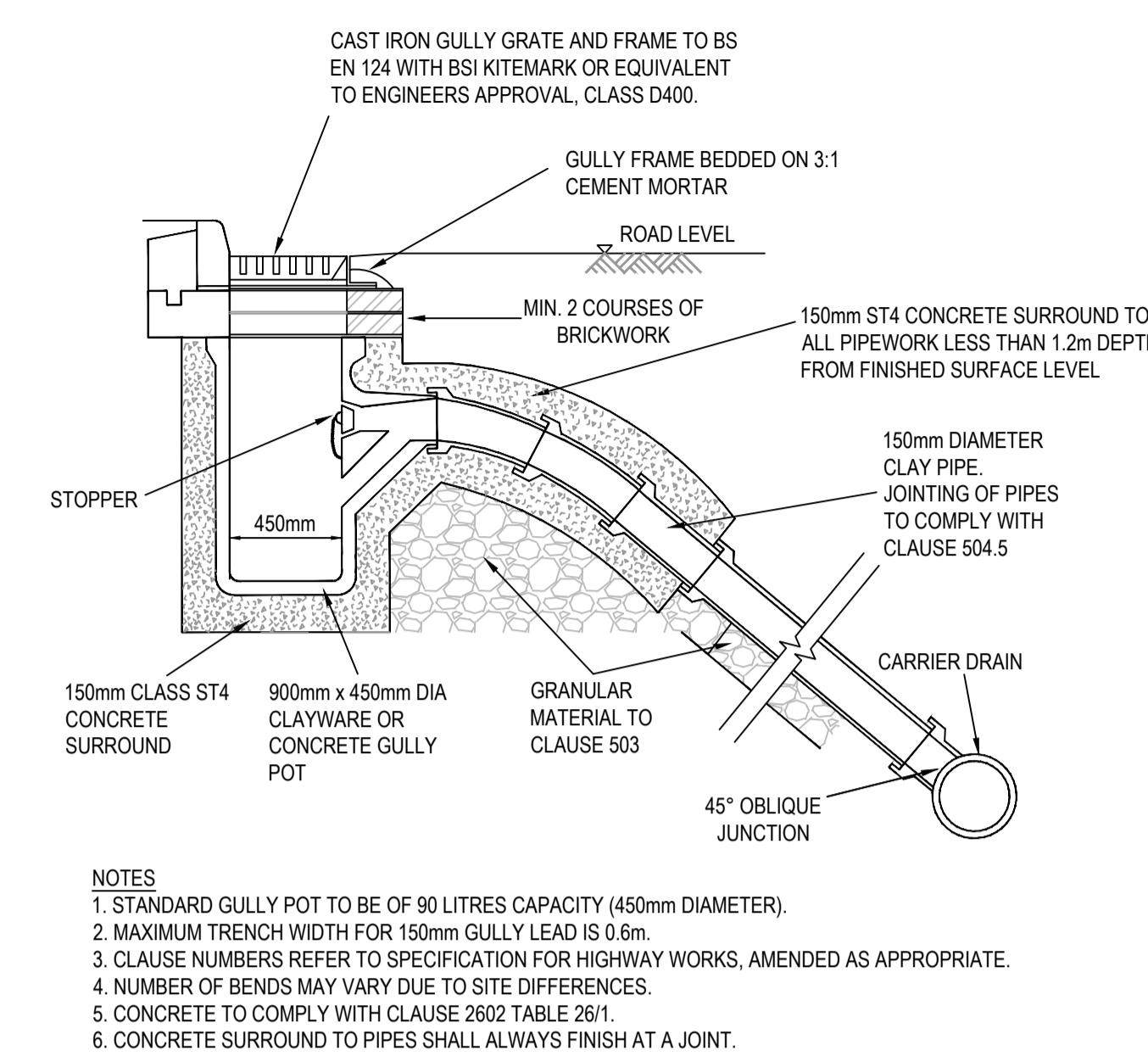
STANDARD DETAILS

BOUNDARY DETAILS

equation 5 (2) (o)

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SADDLE CONNECTION

(Not to Scale)

- All dimensions in metres unless stated otherwise.
- This drawing should only be read in relation to the subject of the title, reference should be made to the appropriate drawing series for other information.
- All materials and workmanship to be to in accordance with the specification for highway works unless stated otherwise.
- All drains up to and including DN300 size to be vitrified clay. All drains over and including size DN375 to be concrete (unless noted otherwise). Alternative materials may be substituted as detailed in SHW 500 series.
- The length of the next pipe (rocker pipe) away from structures shall be:

Table 1 rocker pipe lengths

Pipe diameter (mm)	Length (m)
DN150 - DN600	0.6
DN675 - DN750	1.0
DN825 +	1.25

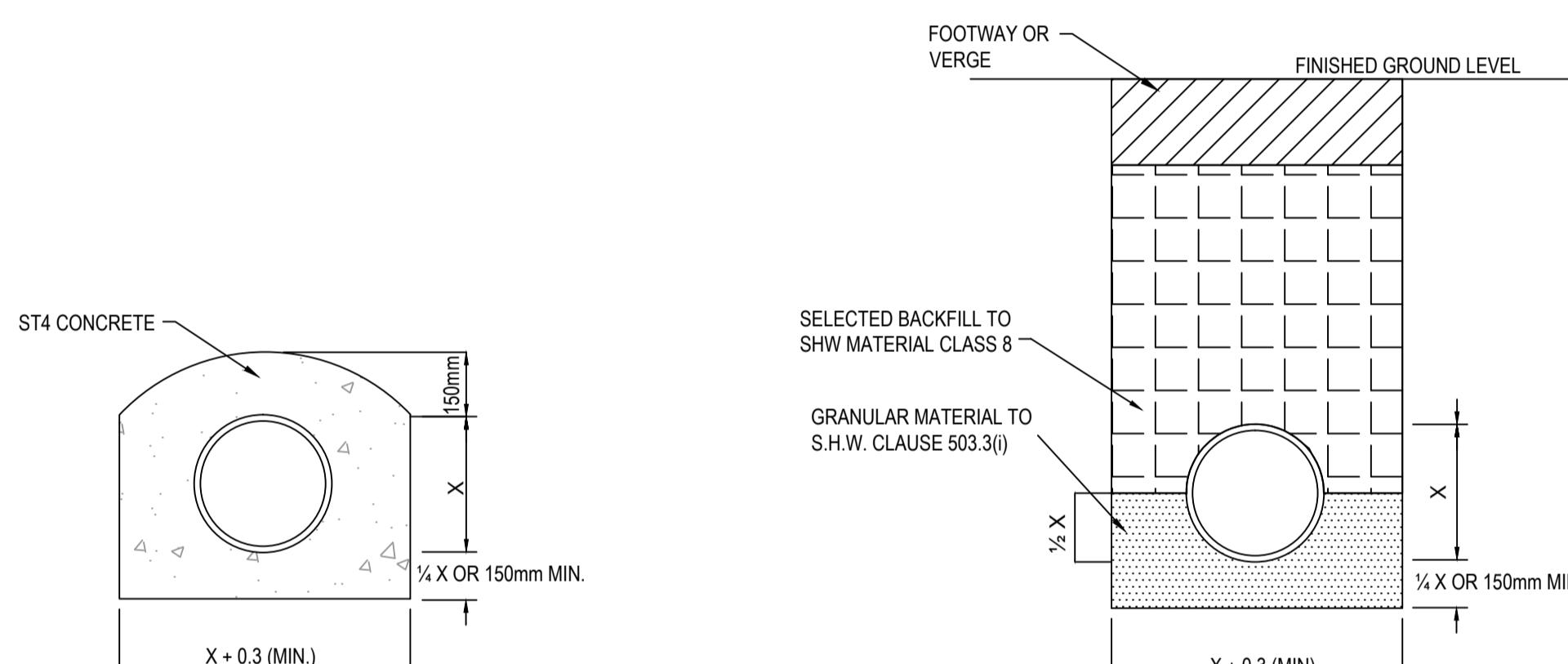
- Only written dimensions are to be used.
- Concrete banching and pipe surround shall be placed in single continuous operation from top of base slab.
- Surface water connections shall be constructed with soffit level unless shown otherwise.
- Cut ends of reinforced concrete pipes shall be treated with epoxy resin paint/mortar.
- Manholes are to be sewers for adoption 7th edition. Manhole sizes shall be (unless noted otherwise in manhole schedules):

Table 2 manhole diameters

Diameter of largest pipe in manhole (mm)	Internal diameter (mm)
<375	1200
375-450	1350
500-700	1500
750-900	1800
>900	Pipe diameter + 900

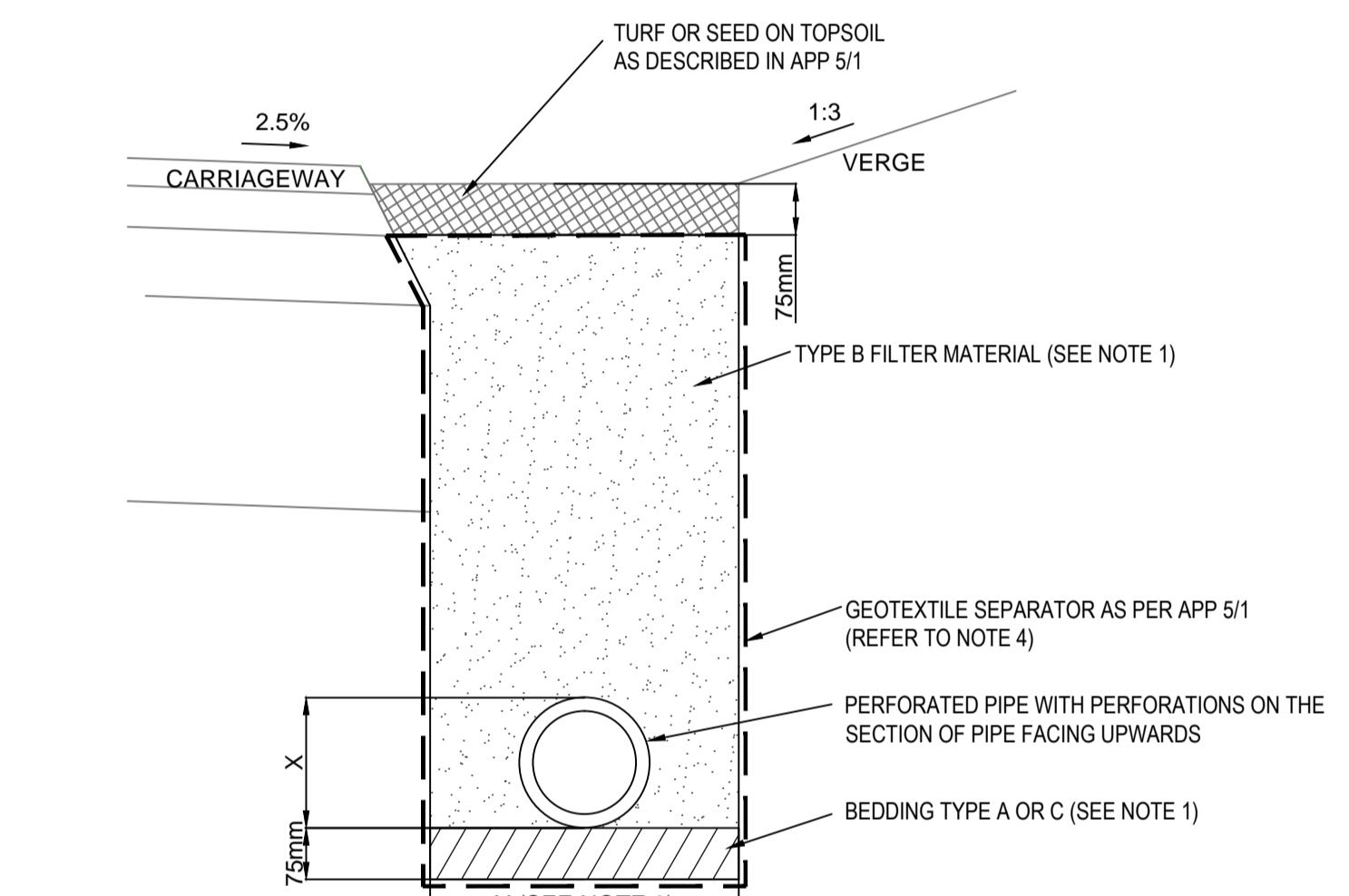
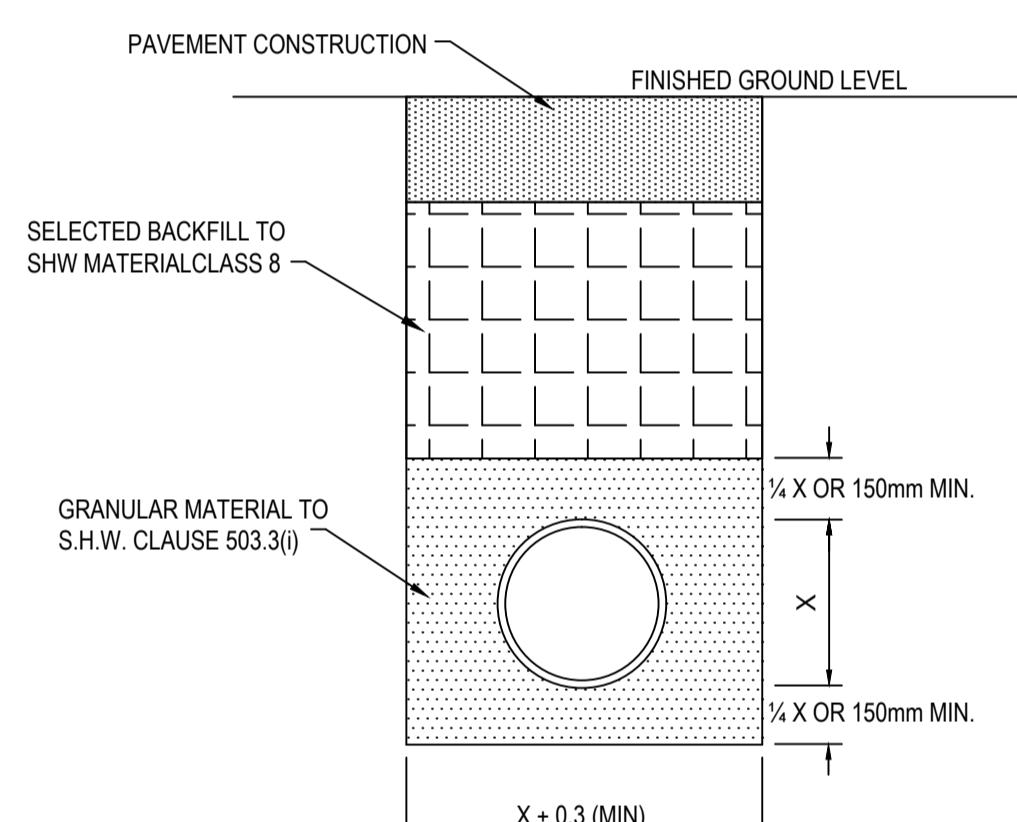
TYPICAL GULLEY DETAIL 1

(Not to Scale)



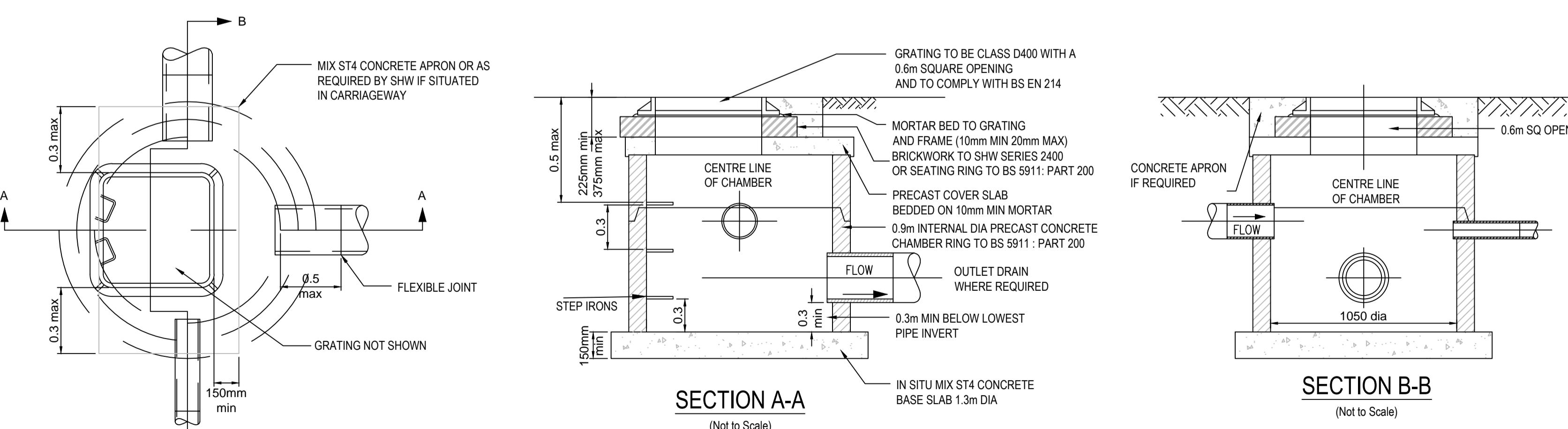
TYPICAL GULLEY DETAIL 2

(Not to Scale)



TYPICAL FILTER DRAIN

(Not to Scale)



CATCHPIT CHAMBER PLAN

(Not to Scale)

1.0	MARCH 2018	FOR DCO SUBMISSION	HNPWL
Rev	Rev. Date	Purpose of revision	Drawn Checked App'd

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Project WYLFA NEWYDD DCO PROJECT

Drawing Title A5025 OFF-LINE HIGHWAY IMPROVEMENTS STANDARD DETAILS

DRAINAGE

SHEET 1

Regulation 5 (2) (o)

Security Status NOT PROTECTIVELY MARKED

Scale	Not to Scale	Sheet Size	A1	Sheet(s)	1 of 1
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Drawing Number WN0902-HZDCO-OHW-DRG-00069 Rev 1.0

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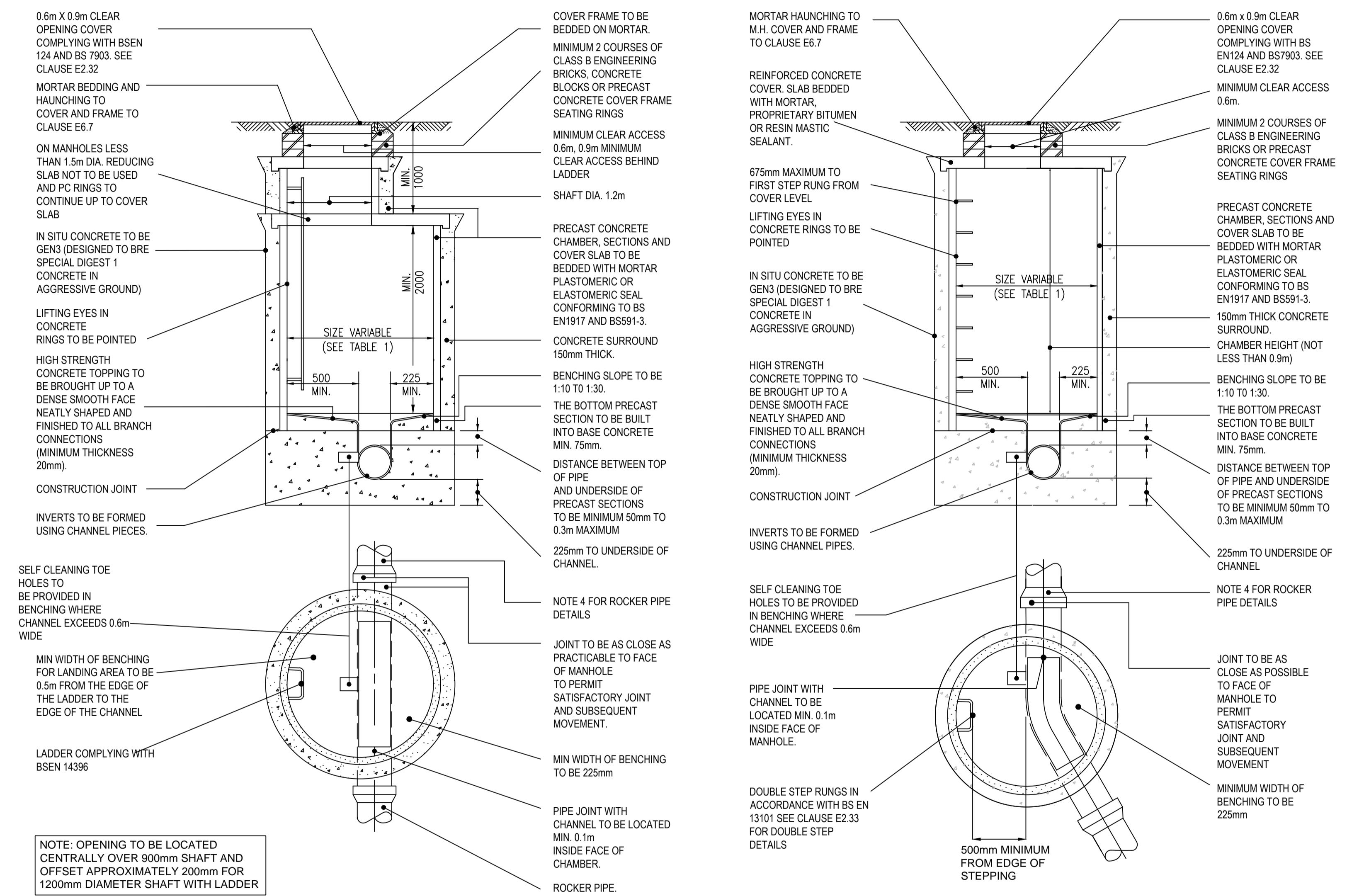
1. All dimensions in metres unless stated otherwise.
2. This drawing should only be read in relation to the subject of the title, reference should be made to the appropriate drawing series for other information.
3. All materials and workmanship to be to in accordance with the specification for highway works unless stated otherwise.
4. All drains up to and including DN300 size to be vitrified clay. All drains over and including size DN375 to be concrete (unless noted otherwise). Alternative materials may be substituted as detailed in SHW 500 series.
5. The length of the next pipe (rocker pipe) away from structures shall be:

Table 1 rocker pipe lengths	
Pipe diameter (mm)	Length (m)
DN150 - DN600	0.6
DN675 - DN750	1.0
DN825 +	1.25

6. Only written dimensions are to be used.
7. Concrete benching and pipe surround shall be placed in single continuous operation from top of base slab.
8. Surface water connections shall be constructed with soffits level unless shown otherwise.
9. Cut ends of reinforced concrete pipes shall be treated with epoxy resin paint/mortar.
10. Manholes are to be sewers for adoption 7th edition. Manhole sizes shall be (unless noted otherwise in manhole schedules):

Table 2 manhole diameters

Diameter of largest pipe in manhole (mm)	Internal diameter (mm)
<375	1200
375-450	1350
500-700	1500
750-900	1800
>900	Pipe diameter + 900



1.0	MARCH 2018	FOR DCO SUBMISSION	HNPWL	HNPWL	HNPWL
Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Apprvd

FOR INFORMATION

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Project
**WYLFA NEWYDD
DCO PROJECT**

Drawing Title
**A5025 OFF-LINE HIGHWAY IMPROVEMENTS
STANDARD DETAILS**

DRAINAGE

SHEET 2

Regulation 5 (2) (o)

Security Status
NOT PROTECTIVELY MARKED

Scale Not to Scale Sheet Size A1 Sheet(s) 1 of 1

Drawing Number
WN0902-HZDCO-OHW-DRG-00070

Rev