

# Wylfa Newydd Project

## Volume 2: Plans, Sections and Drawings (Part 6/19)

### 2.6.1 Wylfa Newydd Development Area and Power Station Site Plans (Part 2/2)

PINS Reference Number: EN010007

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Application Reference Number: 2.6.1

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June 2018

Revision 1.0

Regulation Number: 5(2)(o)

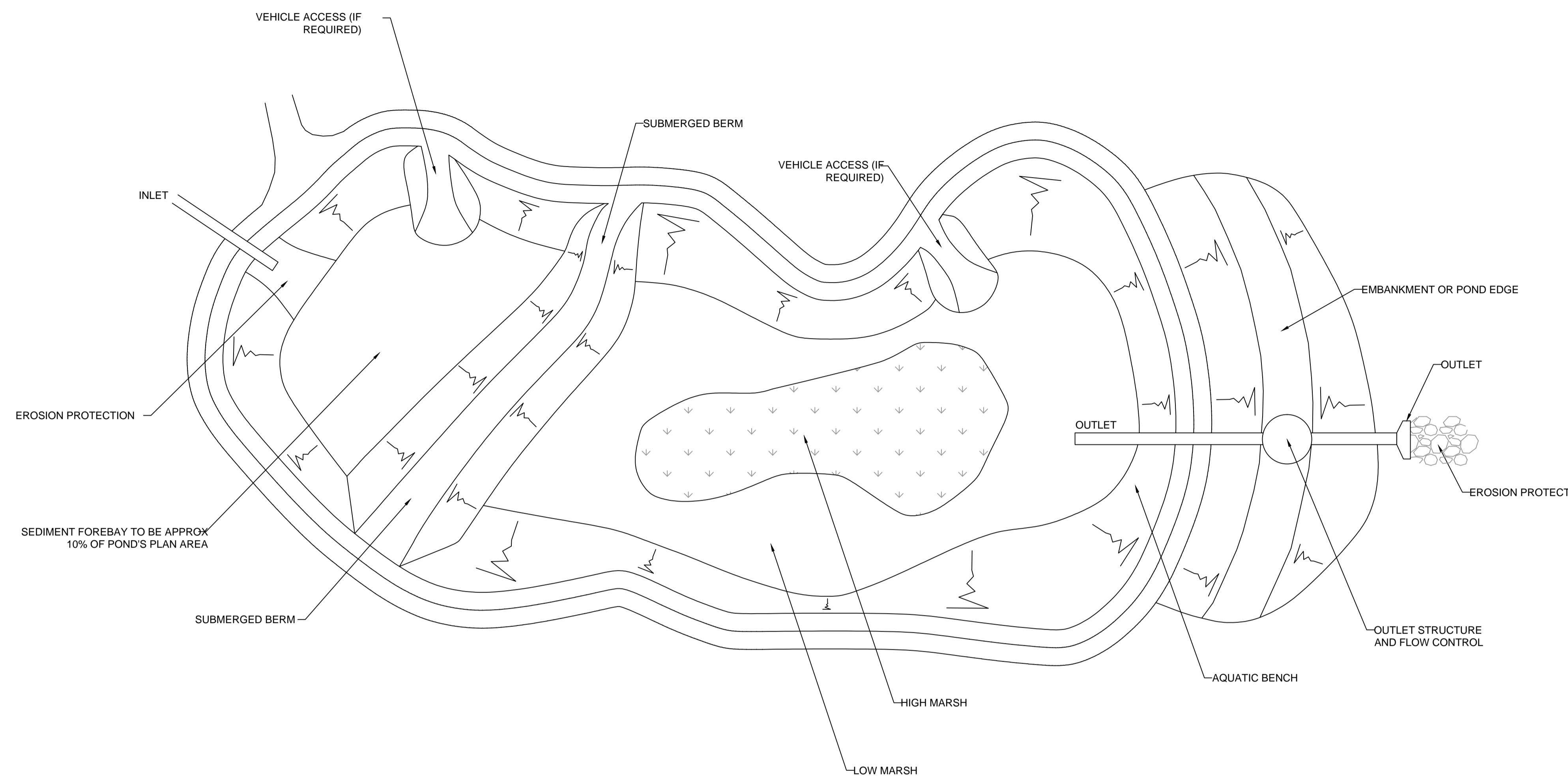
Planning Act 2008  
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009



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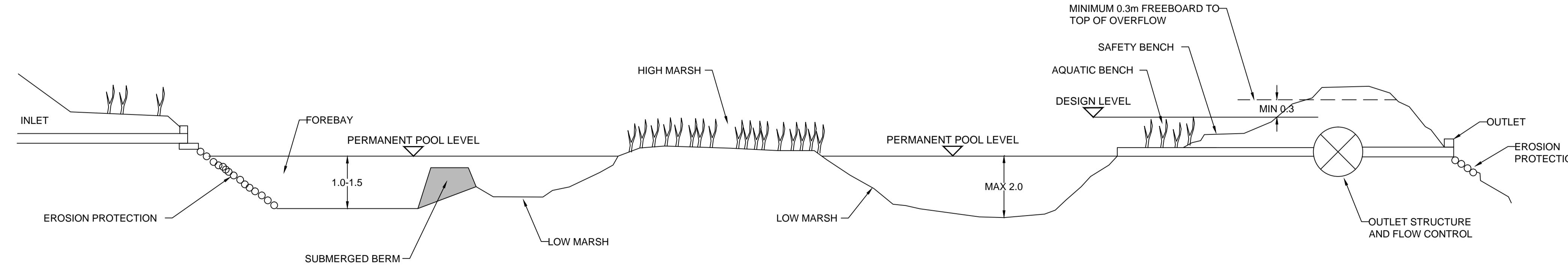
NOTES

1. All dimensions in metres unless otherwise stated.
2. For pond locations refer to drawings WN0902-HZDCO-LFM-DRG-0009 and WN0902-HZDCO-LFM-DRG-0013



## INDICATIVE PLAN

Not To Scale



## INDICATIVE ELEVATION

Not To Scale

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

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Project  
**WYLFA NEWYDD**  
**DCO PROJECT**

Drawing Title  
**WYLFA NEWYDD DEVELOPMENT AREA**  
**CONSTRUCTION LANDFORM**  
**STANDARD DETAILS**  
**TREATMENT PONDS**

Regulation 5 (2) (o)

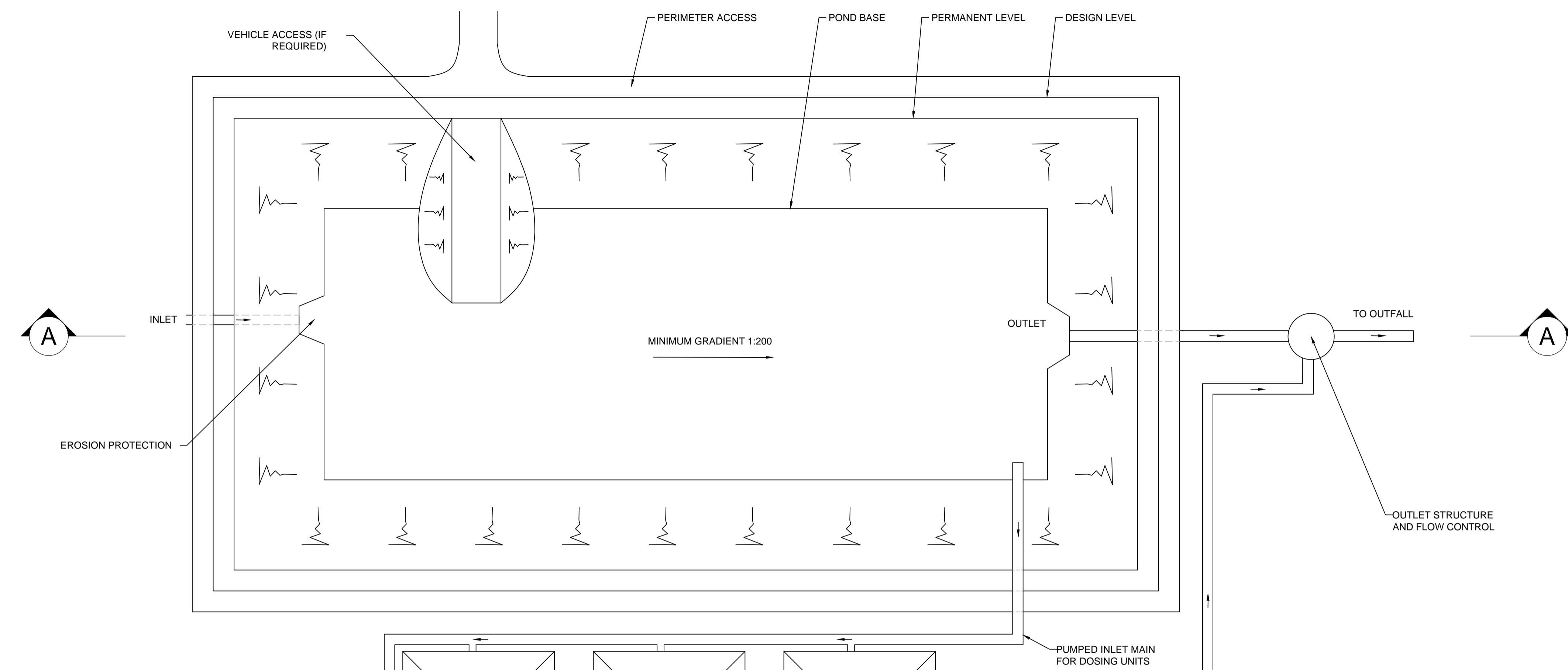
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Scale Not To Scale Sheet Size A1 Sheet(s) 1 of 1

Drawing Number WN0902-HZDCO-LFM-DRG-00020 Rev 1.0

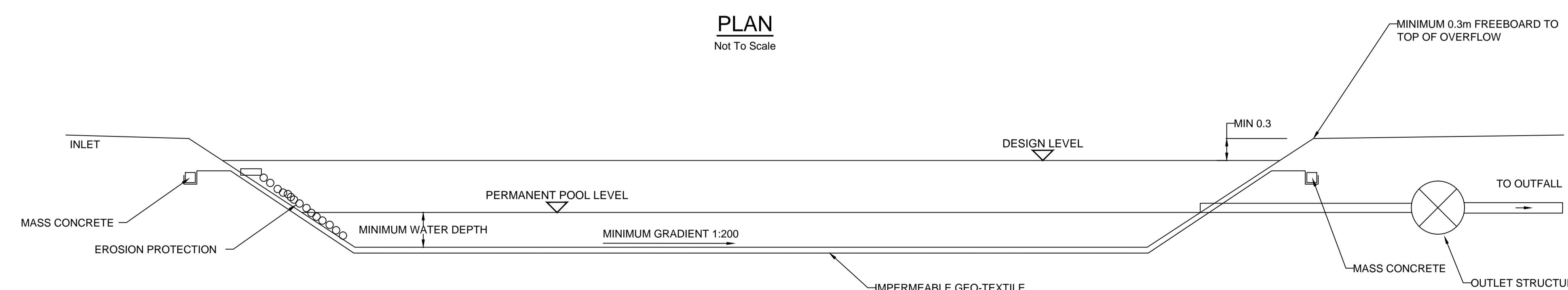
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## PLAN

Not To Scale



## SECTION A-A

Not To Scale

1. All dimensions in metres unless otherwise stated.  
 2. For pond locations refer to drawings  
 WN0902-HZDCO-LFM-DRG-00013.

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

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Project  
**WYLFA NEWYDD**  
**DCO PROJECT**

Drawing Title  
**WYLFA NEWYDD DEVELOPMENT AREA**  
**CONSTRUCTION LANDFORM**  
**STANDARD DETAILS**  
**TEMPORARY ATTENUATION PONDS**  
 Regulation 5 (2) (o)

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Drawing Number WN0902-HZDCO-LFM-DRG-00021 Rev 1.0

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INSET

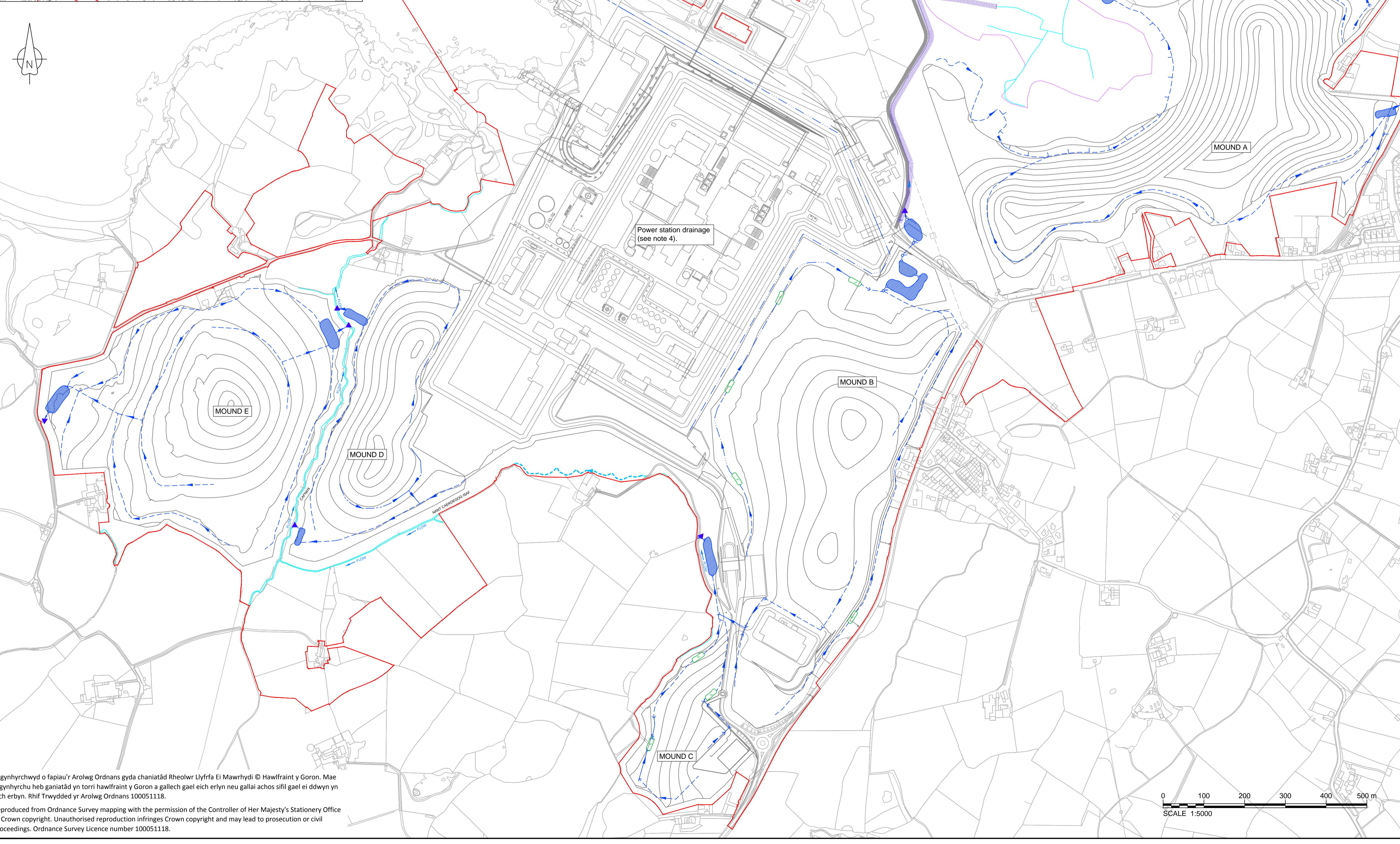
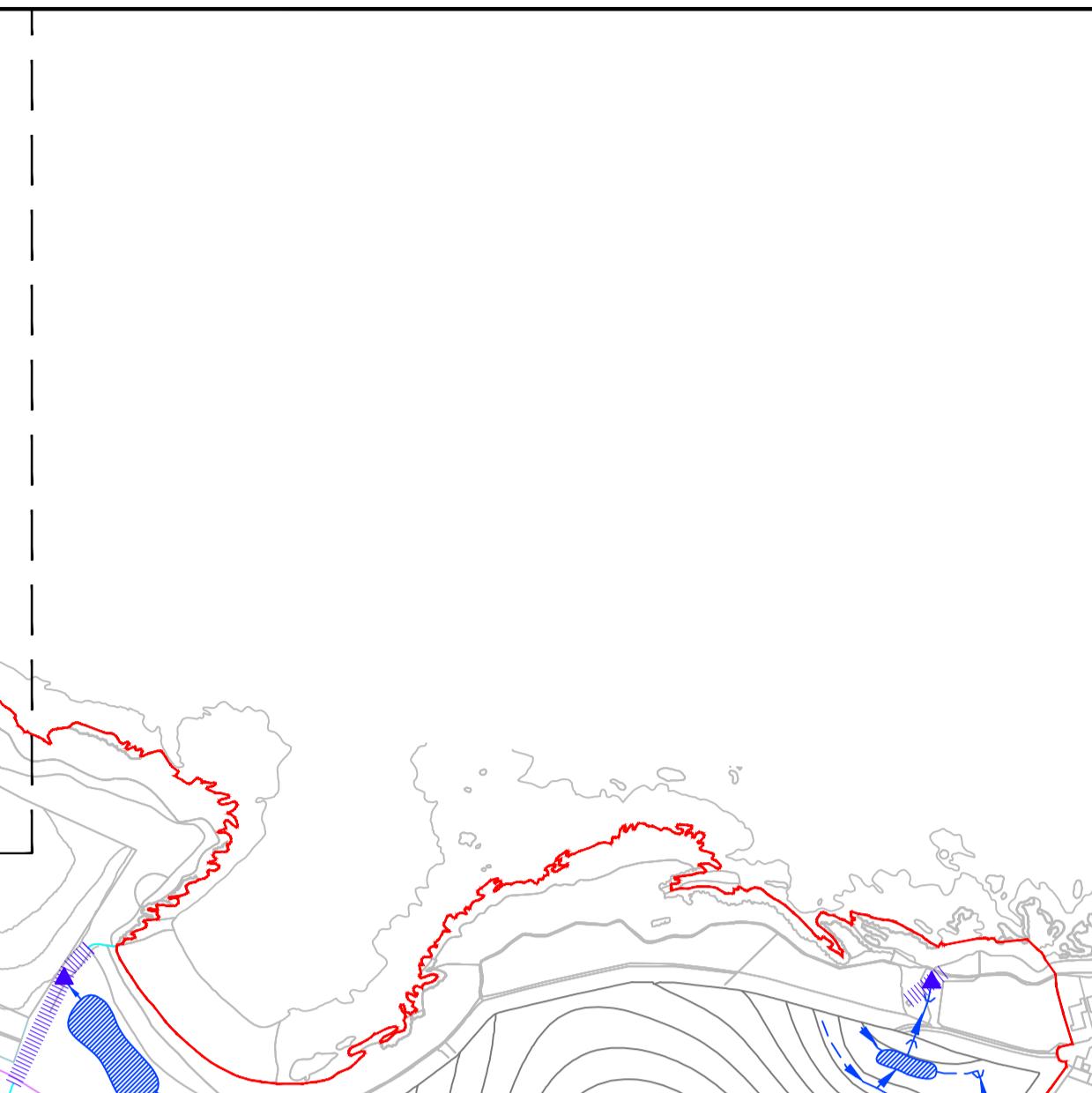
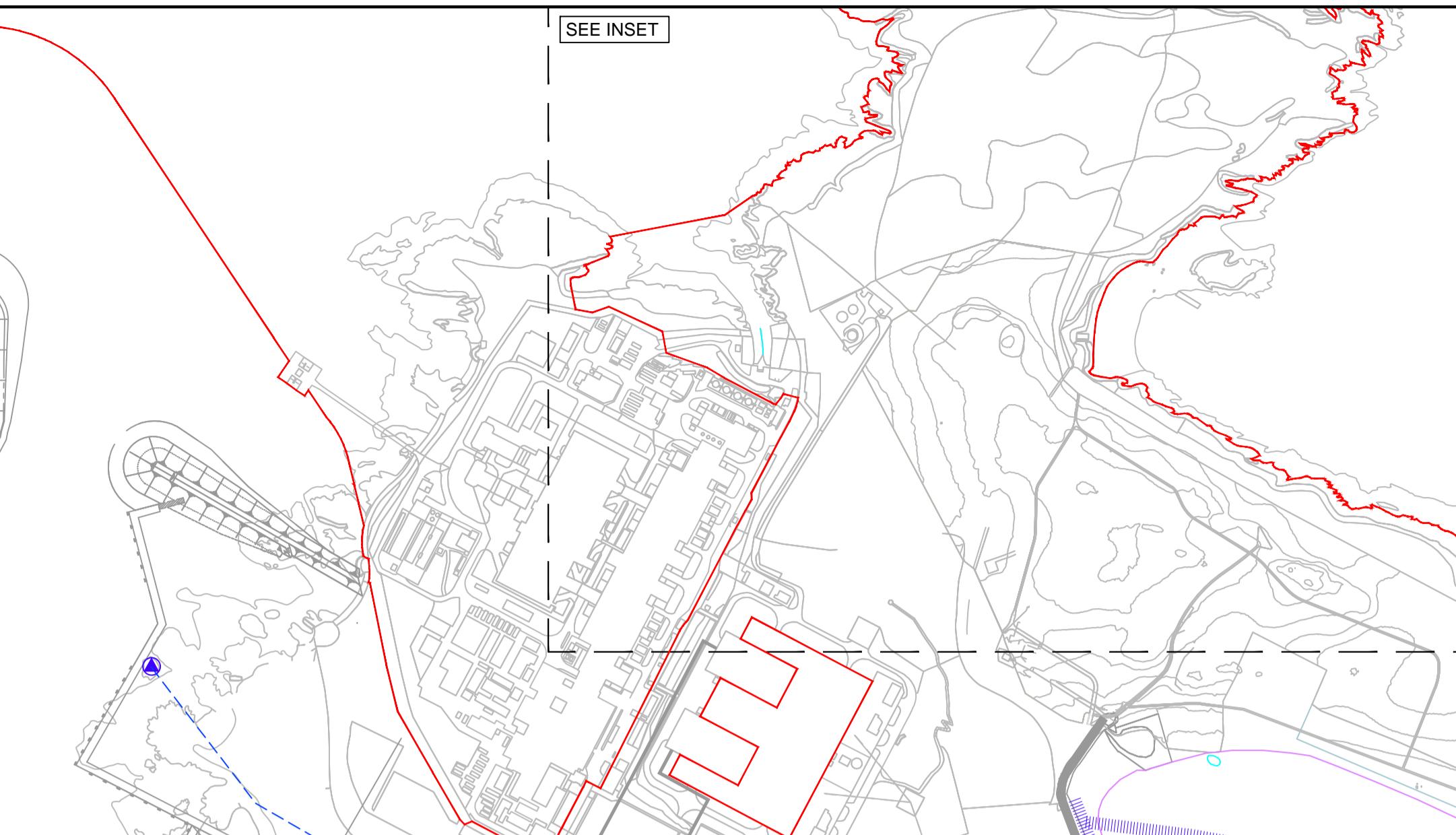
SEE INSET

NOTES

1. Ponds shown indicatively only.
2. Drainage is proposed for landscape areas only.
3. For drainage details/plans refer to WN0902-HZDCO-LFM-DRG-00009.
4. For power station site drainage refer to WN0902-HZDCO-MSP-DRG-00005.

LEGEND

- Order limits
- Sedimentation pond
- Indicative location of ecological mitigation pond
- Discharge to watercourse
- Outfall to sea
- Culvert
- Permanent ditch / swale / pipe
- Security ditch
- SSSI boundary
- 400kV Buried and overhead high voltage cable route & pylon
- Indicative alignment of existing surface water drainage ditch
- Watercourse diversion
- Existing watercourse
- Manhole / chamber
- Proposed site campus access road



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

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Project

**WYLFA NEWYDD  
DCO PROJECT**

Drawing Title

**WYLFA NEWYDD DEVELOPMENT AREA  
FINAL LANDFORM  
DRAINAGE DESIGN  
OVERVIEW**

Regulation 5 (2) (o)

Security Status

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Scale 1:5000 Sheet Size A1 Sheet(s) 1 of 1

Drawing Number WN0902-HZDCO-LFM-DRG-00022 Rev 1.0

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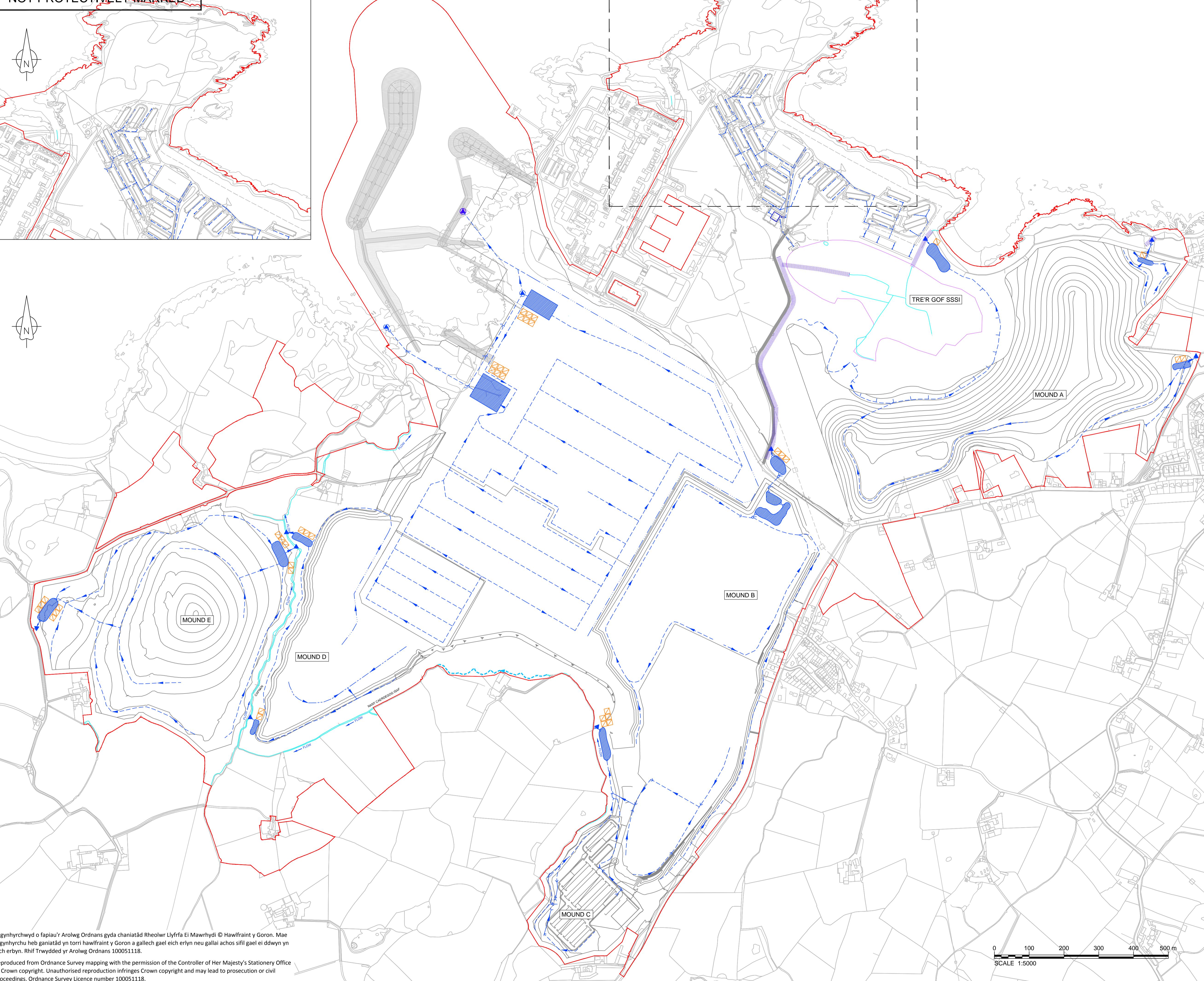
SEE INSET

NOTES

1. Ponds shown indicatively only.
2. For drainage details/plans refer to WN0902-HZDCO-LFM-DRG-00013.
3. For site campus drainage design refer to WN0902-HZDCO-SCA-DRG-00007.

LEGEND

- Order Limits
- Sedimentation pond
- Marine works
- Discharge to watercourse
- Outfall to sea
- Culvert
- Permanent ditch / swale / pipe
- Security ditch
- SSSI boundary
- 400kV buried and overhead high voltage cable route
- Indicative alignment of existing surface water drainage ditch
- Watercourse diversion
- Existing watercourse
- Dosing plant indicative position
- Manhole / chamber
- Proposed site campus access road



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

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Project  
**WYLFA NEWYDD  
DCO PROJECT**

Drawing Title  
**WYLFA NEWYDD DEVELOPMENT AREA  
CONSTRUCTION LANDFORM  
DRAINAGE DESIGN  
OVERVIEW**

Regulation 5 (2) (o)

Security Status  
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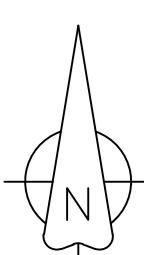
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Drawing Number WN0902-HZDCO-LFM-DRG-00023 Rev 1.0

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
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Refer to drawing WN0902-HZDCO-LFM-DRG-00032 for sheet 2



LEGEND

Order Limits



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Mae atgynhyrchu heb ganiatâd yn torri hawlraint y Goron a galch eich erlyn neu gallai achos sifil eil ei

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Refer to drawing WN0902-HZDCO-LFM-DRG-00034 for sheet 4

Refer to drawing WN0902-HZDCO-LFM-DRG-00033 for sheet 3

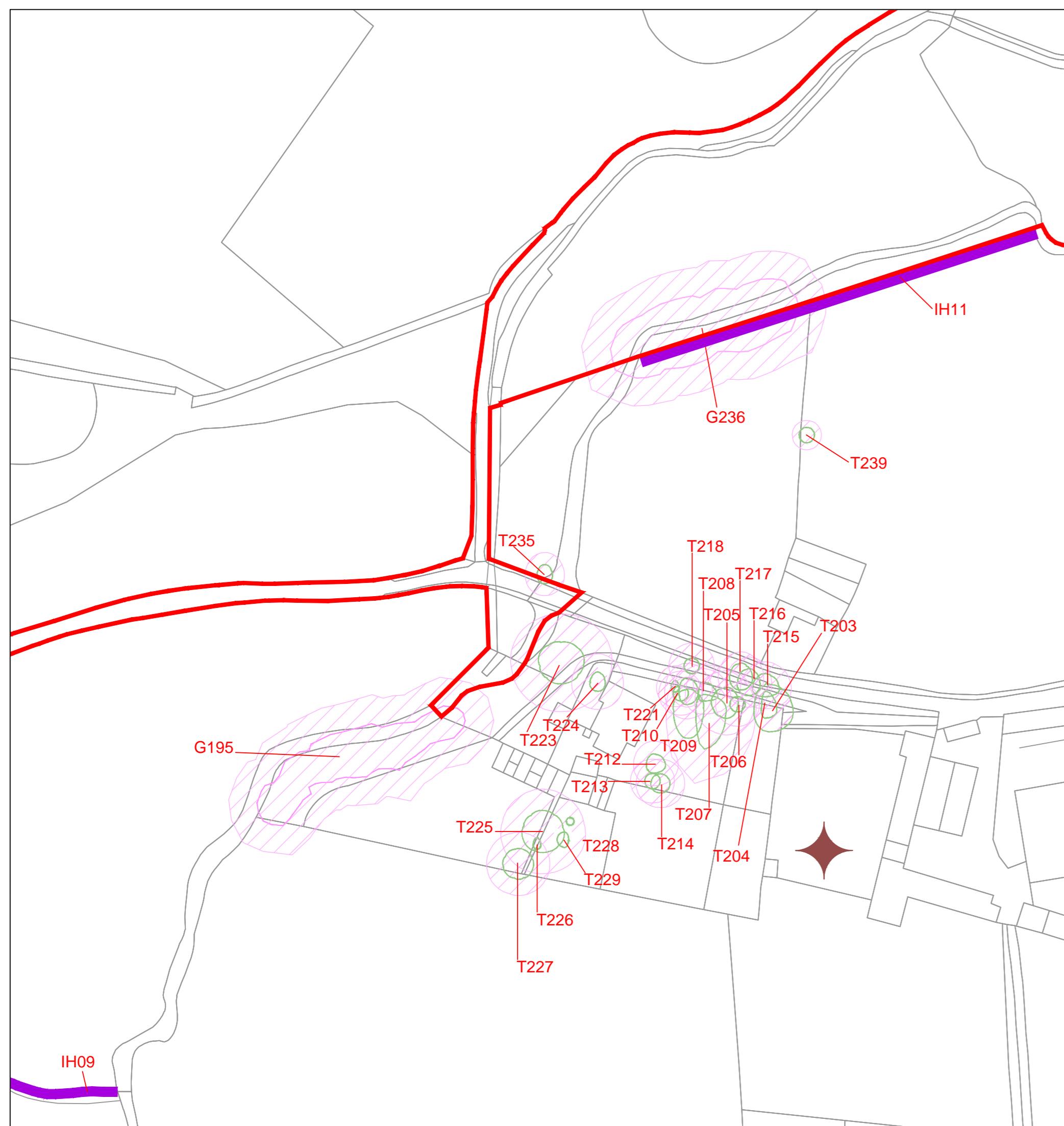
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Refer to drawing WN0902-HZDCO-LFM-DRG-00032 for sheet 2

Refer to drawing WN0902-HZDCO-LFM-DRG-00035 for sheet 5

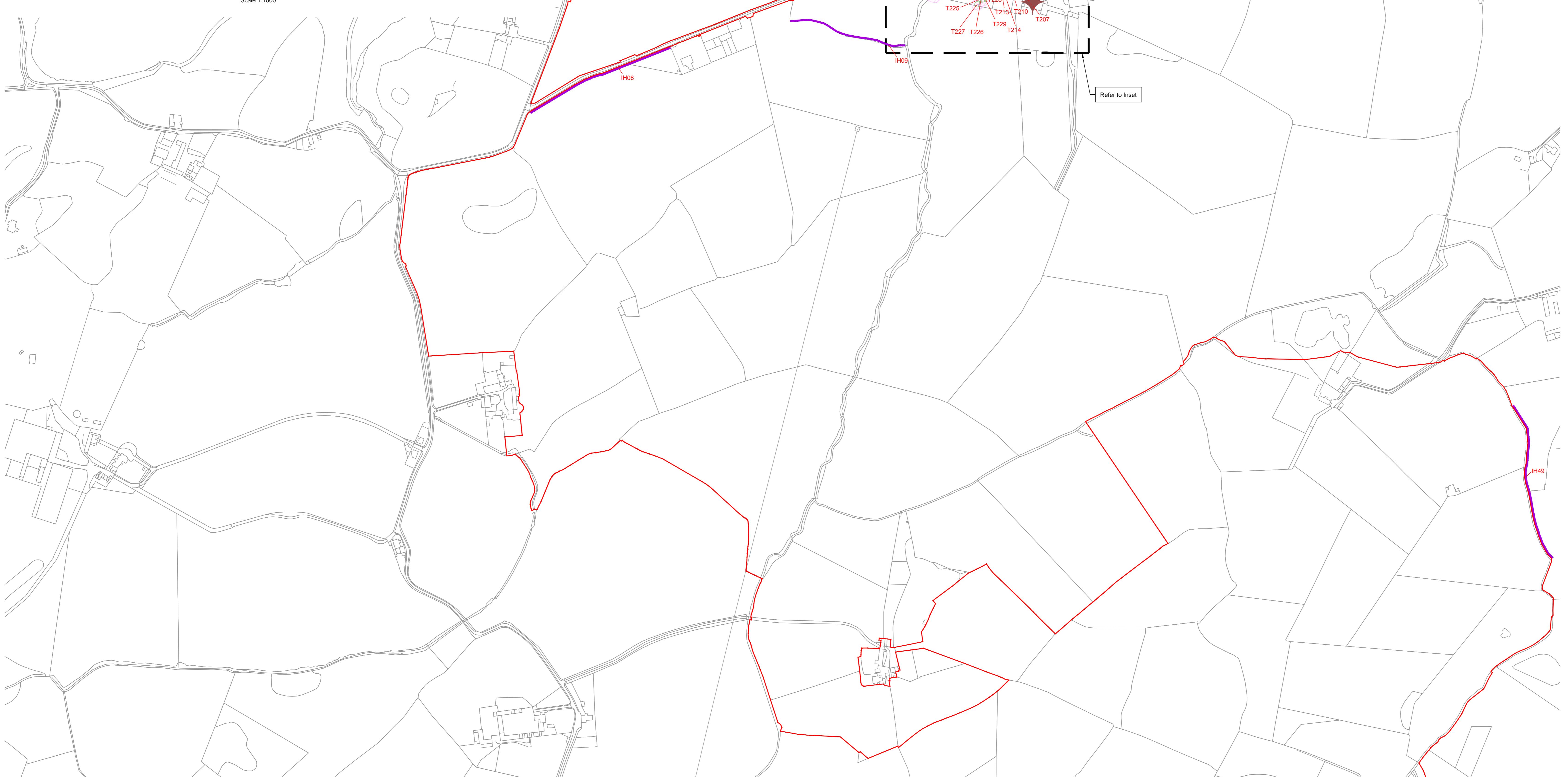
1.0	MARCH 2018	FOR DCO SUBMISSION	HNPWL	HNPVL	HNPUL
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Approved
<b>FOR INFORMATION</b>					
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Sunrise House, 1420 Charter Court, Gloucester Business Park, Gloucester, GL3 4AE, UK Freephone: 0845 300 6816 Email: info@horizonnuclearpower.com					
<b>Project</b> <b>WYLFA NEWYDD</b> <b>DCO PROJECT</b>					
<b>Drawing Title</b> <b>WYLFA NEWYDD DEVELOPMENT AREA</b> <b>LANDSCAPING RETENTION PLAN</b> <b>KEY PLAN</b>					
<b>Regulation 5 (4)</b>					
Security Status <b>NOT PROTECTIVELY MARKED</b>					
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Sheet Size AU (Sheets) 1 of 1					
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Scale 1:1000



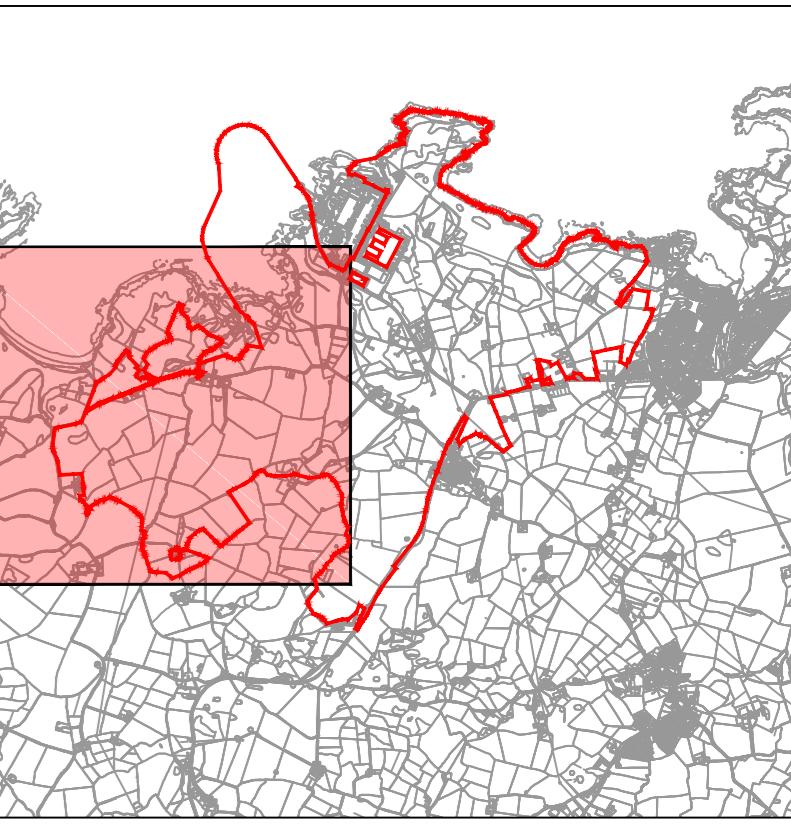
## PLAN

Scale 1:2500

Alwynhyrwyd o fapiau'r Arolwg Ordnans gyda chaniatâd Rheolwr Llyfrfa El Mawrhyd i Hawlfraint y Goron. Mae alwynhyrchu heb ganiatâd yn torri hawlfraint y Goron a gall eich erbyn neu gallai achos sifil eisidw yn eich erbyn. Rhif Trywydded yr Arolwg Ordnans 100051118.

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Scale 1:1000 0 10 20 30 40 50 60 70 80 90 100m 0 50 100 150 200 250m  
Scale 1:2500 0 10 20 30 40 50 60 70 80 90 100m 0 50 100 150 200 250m



## NOTES

- The locations of features shown are indicative only exact location to be confirmed on site.
- Additional features may be present on site that have not been identified on the topographical plan.
- This drawing is based on Arboricultural survey updates undertaken in August 2016 and May 2017.
- Areas identified as existing habitats will be managed in accordance with the principles in the Landscape and Habitat Management Strategy (LHMS).
- For Retained Feature References see the Tree Surveys at Appendix A of the Landscape and Habitat Management Strategy (Application Reference Number: 8.16).
- Where retention is identified outside of Order Limits this is to show the extent of the retention.

## LEGEND

- Order Limits
- Retained Barn / Wildlife Tower To include a 10m Offset
- Tree - Individual
- Tree - Group
- Root Protection Area
- Retained Feature Ref
- Important Hedgerow (Hedgerow Regulations 1997) To be retained

1.0 MAY 2018 FOR DCO SUBMISSION HNPWL HNPVL HNPUL  
Rev Rev. Date Purpose of revision Drawn Checked Approved

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Project WYLFA NEWYDD DCO PROJECT

Drawing Title WYLFA NEWYDD DEVELOPMENT AREA LANDSCAPING RETENTION PLAN SHEET 1

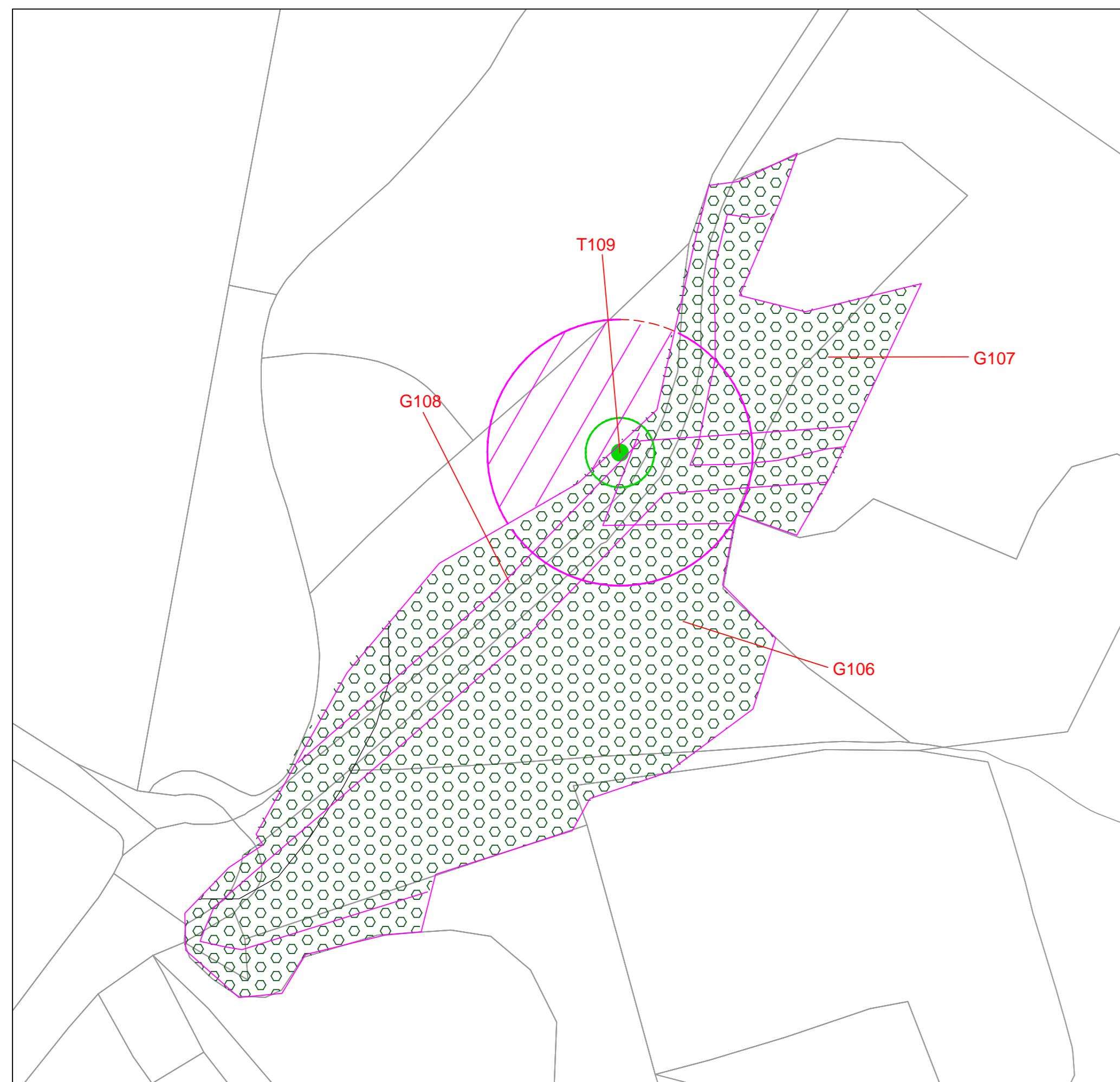
## Regulation 5 (2) (o)

Security Status NOT PROTECTIVELY MARKED

Scale As Shown Sheet Size A0 Sheets 1 of 1

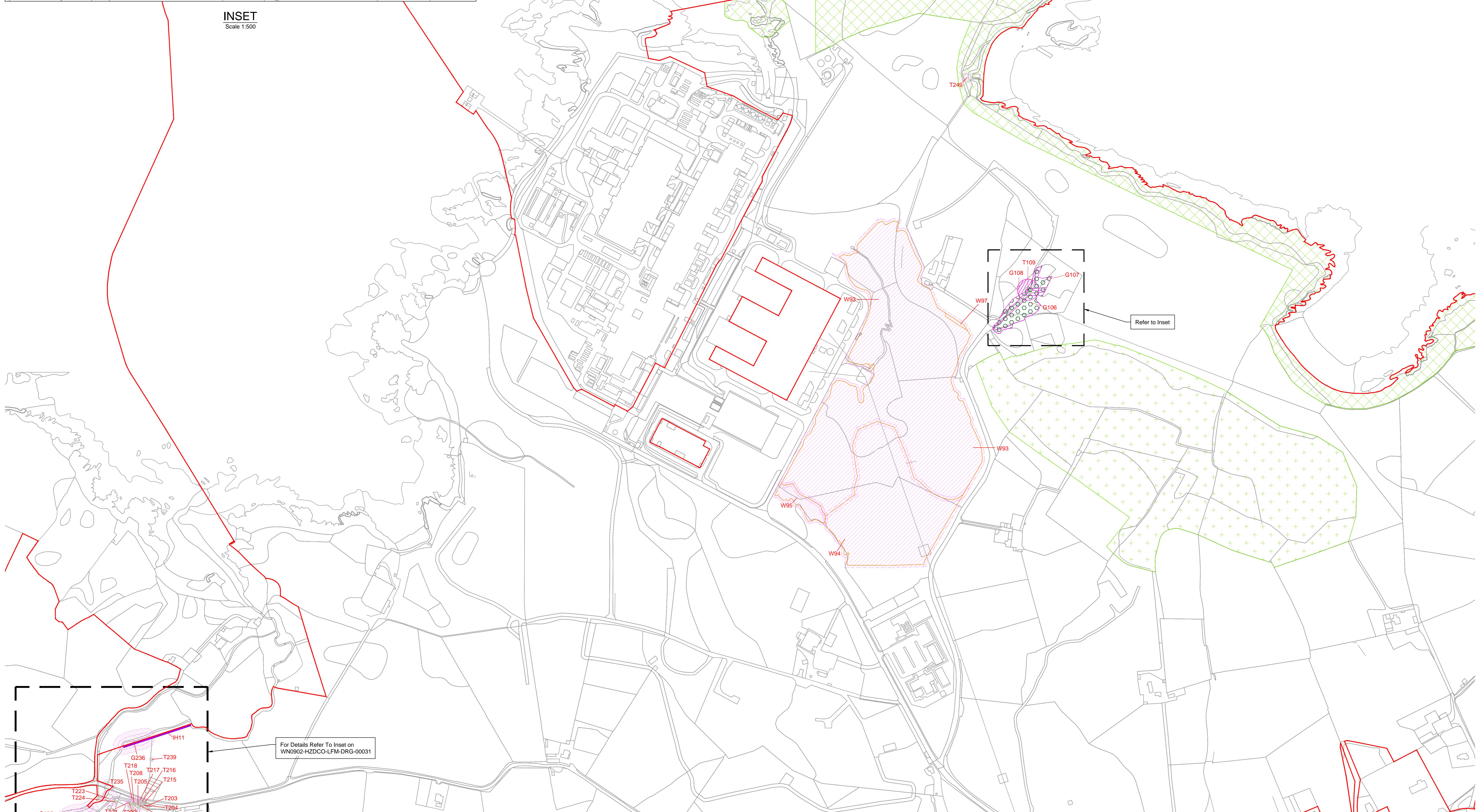
Drawing Number WNO902-HZDCO-LFM-DRG-00031 Rev 1.0

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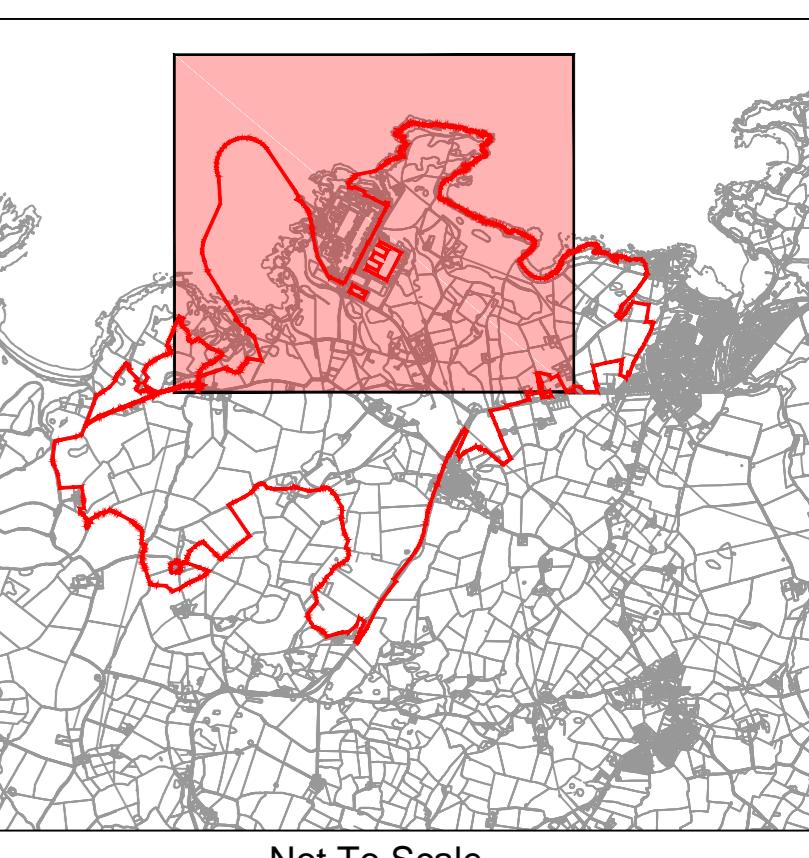
Scale 1:500



PLAN

Scale 1:2500

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SCALE 1:500  
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SCALE 1:2500



Not To Scale

## NOTES

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- For Retained Feature References see the Tree Surveys at Appendix A of the Landscape and Habitat Management Strategy (Application Reference Number: 8.16).
- Where retention is identified outside of Order Limits this is to show the extent of the retention.

## LEGEND

- Order Limits
- Ancient Woodland
- Boundary of Existing Chough Foraging Habitat (See note 4)
- Boundary of Existing SSSI Habitat (See note 4)
- Tree - Individual
- Tree - Group
- Woodland
- Root Protection Area
- Retained Feature Ref
- Important Hedgerow (Hedgerow Regulations 1997) To be retained

1.0	MAY 2018	FOR DCO SUBMISSION	HNPWL	HNPVL
Rev	Rev. Date	Purpose of revision	Drawn	Checked
				Approved

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Project

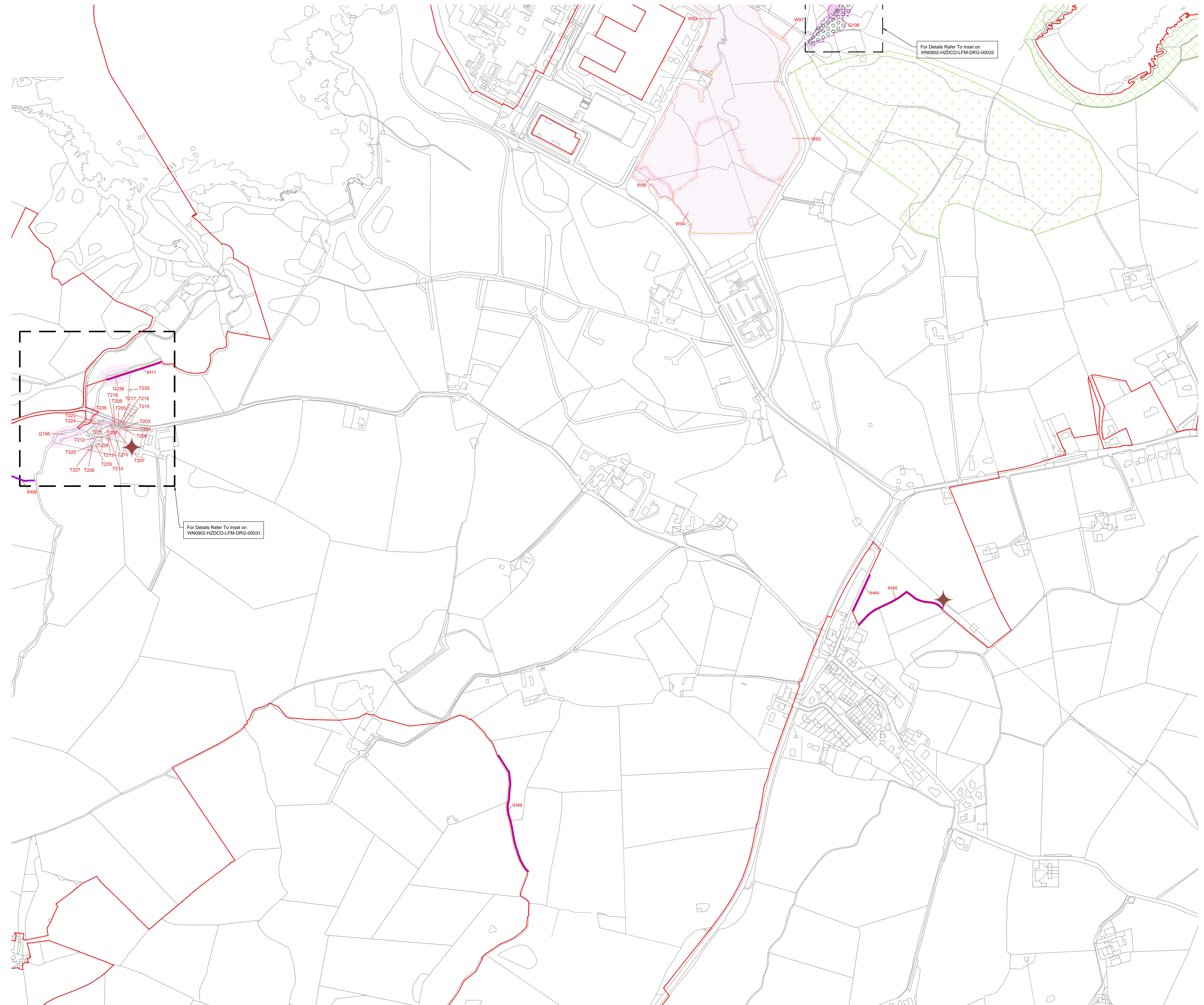
WYLFA NEWYDD

DCO PROJECT

Drawing Title  
WYLFA NEWYDD DEVELOPMENT AREA  
LANDSCAPING RETENTION PLAN  
SHEET 2

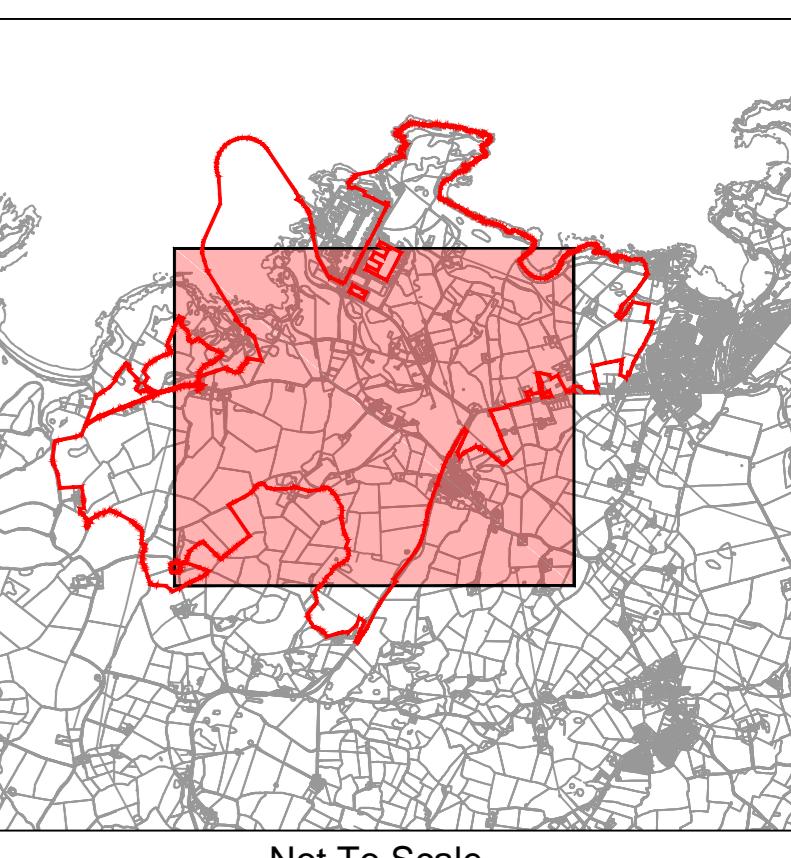
Regulation 5 (2) (o)

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As Shown Sheet Size  
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Rev  
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- For Retained Feature References see the Tree Surveys at Appendix A of the Landscape and Habitat Management Strategy (Application Reference Number: 8.16).
- Where retention is identified outside of Order Limits this is to show the extent of the retention.

## LEGEND

- Order Limits
- Ancient Woodland
- Boundary of Existing Chough Foraging Habitat (See note 4)
- Boundary of Existing Tre'r Gof Habitat (See note 4)
- Retained Batbarn / Wildlife Tower To include a 10m Offset
- Tree - Individual
- Tree - Group
- Woodland
- Root Protection Area
- Retained Feature Ref
- Important Hedgerow (Hedgerow Regulations 1997) To be retained

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

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Project  
**WYLFA NEWYDD  
DCO PROJECT**

Drawing Title  
**WYLFA NEWYDD DEVELOPMENT AREA  
LANDSCAPING RETENTION PLAN  
SHEET 3**

Regulation 5 (2) (o)

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Drawing Number  
**WN0902-HZDCO-LFM-DRG-00033**

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1 of 1

Scale  
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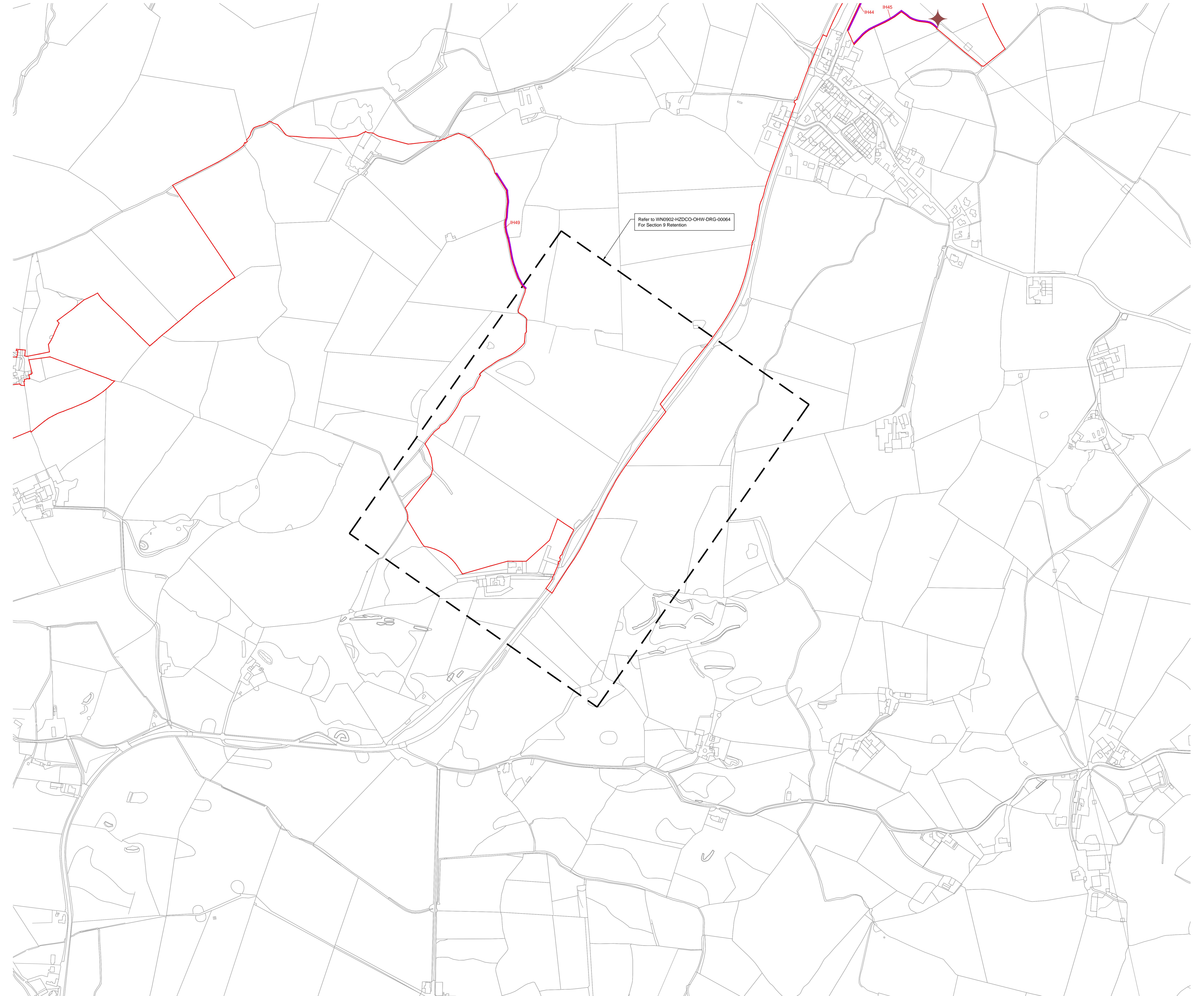
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SCALE 1:2500

0 50 100 150 200 250 m

0 50 100 150 200 250 m

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## LEGEND

- Order Limits
- Retained Batbarn / Wildlife Tower To include a 10m Offset
- Important Hedgerow (Hedgerow Regulations 1997) To be retained

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Project  
**WYLFA NEWYDD DCO PROJECT**

Drawing Title  
**WYLFA NEWYDD DEVELOPMENT AREA LANDSCAPING RETENTION PLAN SHEET 4**

Regulation 5 (2) (o)

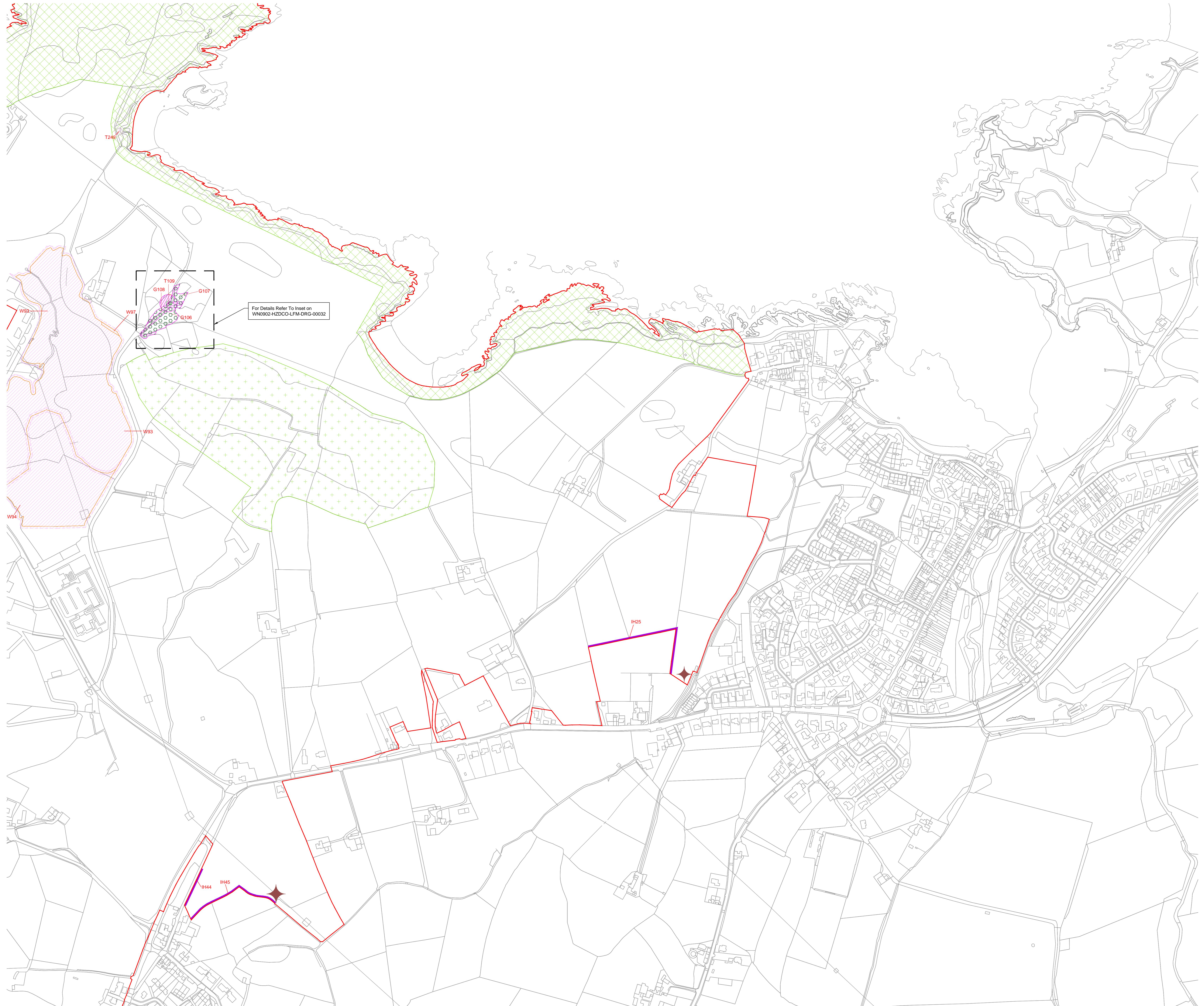
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Scale 1:2500 Sheet No. AU Sheets 1 of 1 Rev. 1.0

Drawing Number WNL0902-HZDCO-LFM-DRG-00034

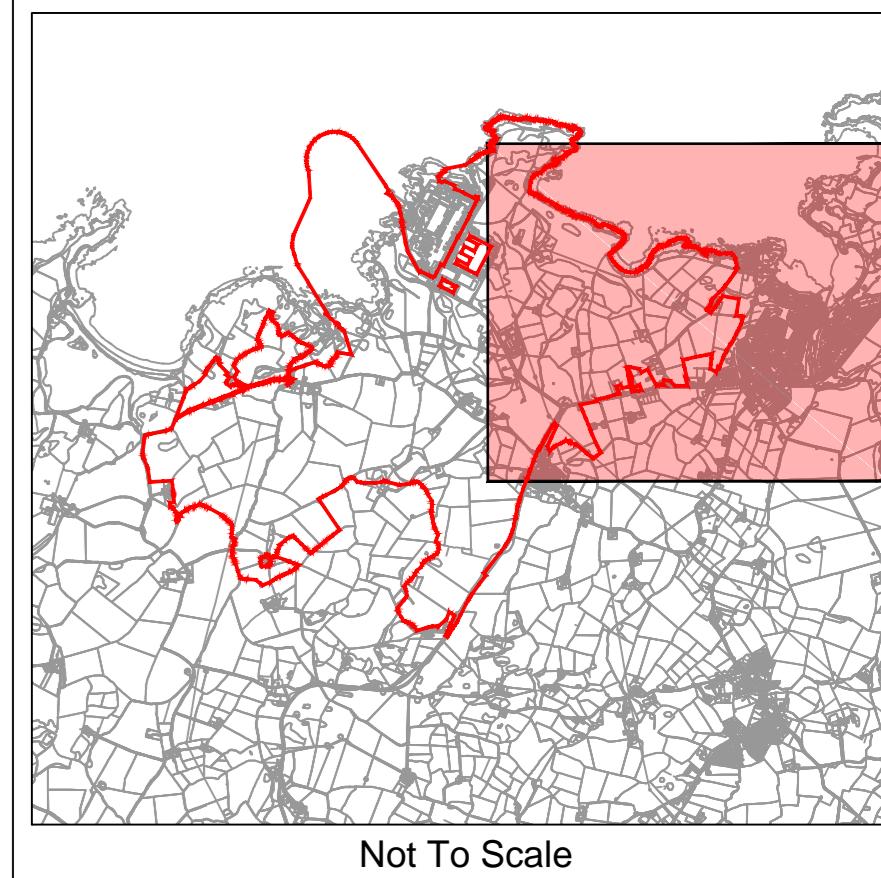
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## NOTES

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2. Additional features may be present on site that have not been identified on the topographical plan.
3. This drawing is based on Arboricultural survey updates undertaken in August 2016 and May 2017.
4. Areas identified as existing habitats will be managed in accordance with the principles in the Landscape and Habitat Management Strategy (LHMS).
5. For Retained Feature References see the Tree Surveys at Appendix A of the Landscape and Habitat Management Strategy (Application Reference Number: 8.16).
6. Where retention is identified outside of Order Limits this is to show the extent of the retention.

## LEGEND

- Order Limits
- Ancient Woodland
- Boundary of Existing Chough Foraging Habitat (See note 4)
- Boundary of Existing Tre'r Gof Habitat (See note 4)
- Retained Batbox / Wildlife Tower To include a 10m Offset
- Tree - Individual
- Tree - Group
- Woodland
- W\* Root Protection Area
- Retained Feature Ref
- Important Hedgerow (Hedgerow Regulations 1997) To be retained

1.0	MAY 2018	FOR DCO SUBMISSION	HNPWL	HNPVL
Rev	Rev. Date	Purpose of revision	Drawn	Checked

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Project  
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DCO PROJECT**

Drawing Title  
**WYLFA NEWYDD DEVELOPMENT AREA  
LANDSCAPING RETENTION PLAN  
SHEET 5**

Regulation 5 (2) (o)

Security Status  
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Scale 1:2500 Sheet 5 of 1 Rev 1.0


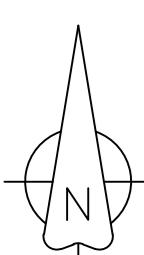
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SCALE 1:2500

NOT PROTECTIVELY MARKED

Refer to drawing WN0902-HZDCO-LFM-DRG-00038 for sheet 2



LEGEND

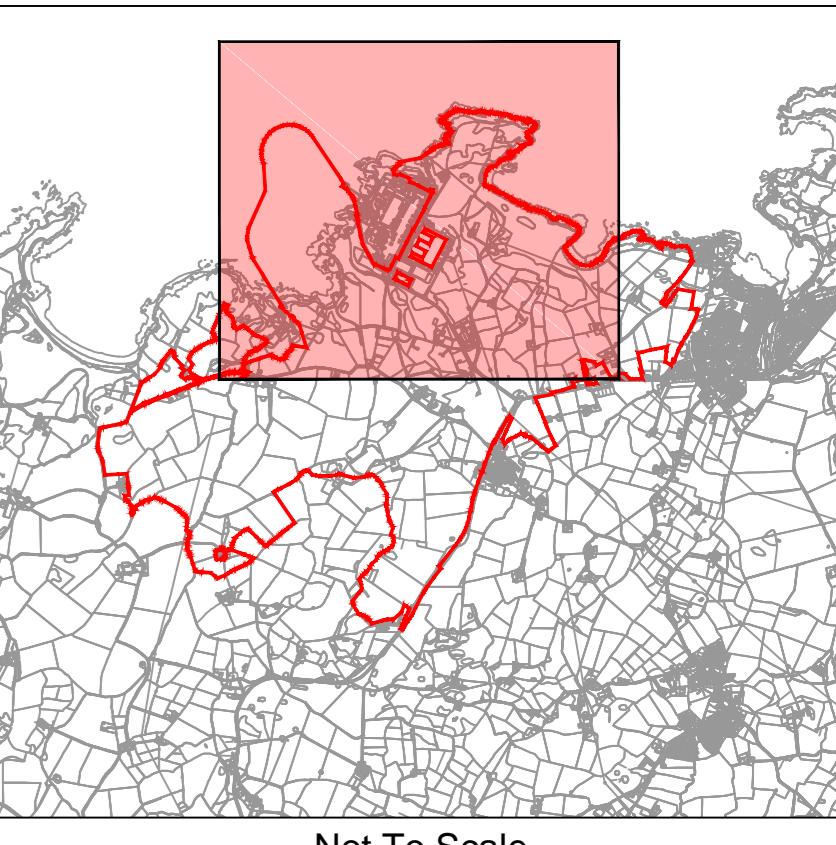
Order Limits

1.0	MARCH 2018	FOR DCO SUBMISSION	HNPWL	HNPVL	HNPVL
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Approved
<b>FOR INFORMATION</b>					
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<b>Project</b>					
<b>WYLFA NEWYDD</b> <b>DCO PROJECT</b>					
<b>Drawing Title</b>					
<b>WYLFA NEWYDD DEVELOPMENT AREA</b> <b>IMPORTANT HEDGEROW REMOVAL</b> <b>KEY PLAN</b>					
<b>Regulation 5 (4)</b>					
Security Status					
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Rev					
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Sheets					
1 of 1					

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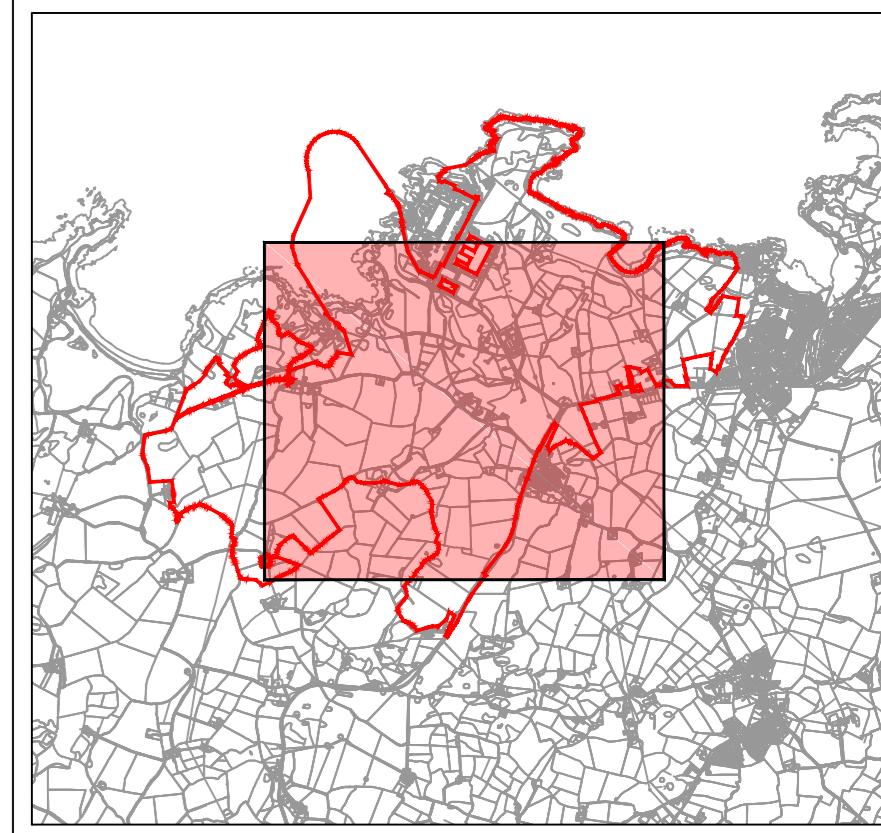




Alwynhyrwyd o fapiau'r Arolwg Ordnans gyda chaniatâd Rheolwr Llyfrfa El Mawrhyd © Hawlfraint y Goron.  
Mae alwynhyrchu heb ganiatâd yn torri hawlfraint y Goron a gall eich erbyn neu gallai achos sifil eis  
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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Approved
FOR APPROVAL					
<b>HORIZON</b> NUCLEAR POWER <small>Sunrise House, 1420 Charter Court, Gloucester Business Park, Gloucester, GL3 4AE, UK          Telephone: 0845 300 6816 Email: info@horizonnuclearpower.com</small>					
<b>WYLFA NEWYDD</b> DCO PROJECT					
Drawing Title <b>WYLFA NEWYDD DEVELOPMENT AREA          IMPORTANT HEDGEROW REMOVAL          SHEET 2</b>					
Regulation 5 (2) (o) Security Status <b>NOT PROTECTIVELY MARKED</b>					
Scale 1:2500 Sheet Size A0 Sheets 1 Rev 1.0 Drawing Number WNO902-HZDCO-LFM-DRG-00038					



Not To Scale

## NOTES

1. The locations of features shown are indicative only exact location to be confirmed on site.
2. Additional features may be present on site that have not been identified on the topographical plan.
3. Important Hedgerow Reference Number (see Schedule 18 of the draft DCO (Application Reference Number: 3.1).

## LEGEND

— Order Limits  
— Important Hedgerow  
 IH\*\* (Hedgerow Regulations 1997)  
 To be removed



Alwynhyrwyd o fapiau'r Arolwg Ordnans gyda chaniatâd Rheolwr Llyfrfa El Mawrhyd i Hawlfraint y Goron.  
 Mae alwynhyrchu heb ganiatâd yn torri hawlfraint y Goron a gall eich erlynn neu gallai achos sifil gael ei  
 ddwys yn eich erbyn. Rhif Trywydded yr Arolwg Ordnans 100051118.

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1.0 MAY 2018 FOR DCO SUBMISSION HNPWL HNPPL HNPVL  
 Rev. Date Purpose of revision Drawn Checked Approved

## FOR APPROVAL

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Project

WYLFA NEWYDD  
DCO PROJECT

Drawing Title  
WYLFA NEWYDD DEVELOPMENT AREA  
IMPORTANT HEDGEROW REMOVAL  
SHEET 3

Regulation 5 (2) (o)

Security Status NOT PROTECTIVELY MARKED

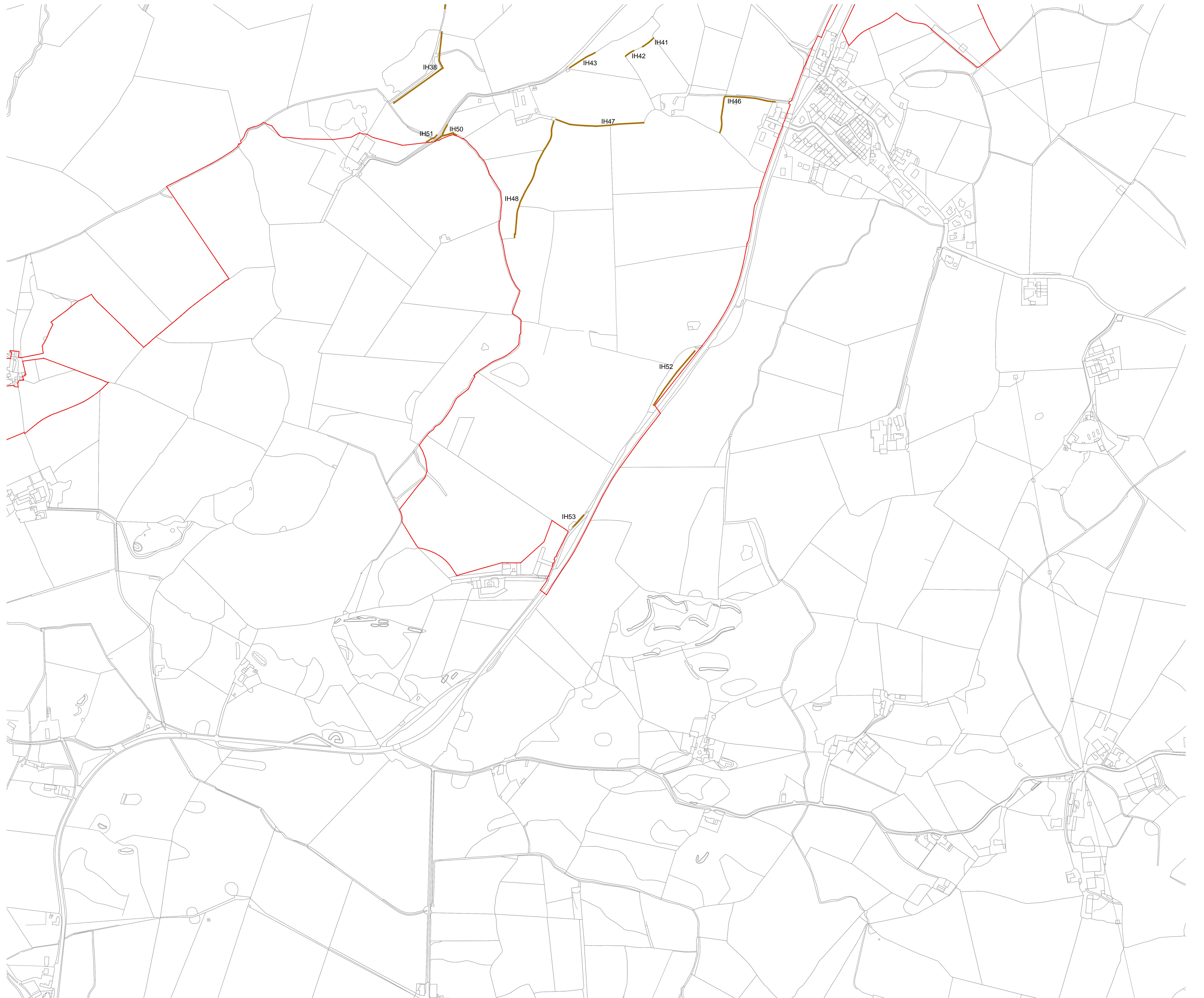
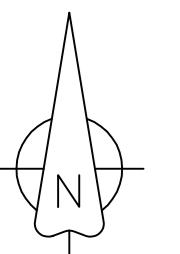
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Drawing Number WNO902-HZDCO-LFM-DRG-00039 Rev. 1.0

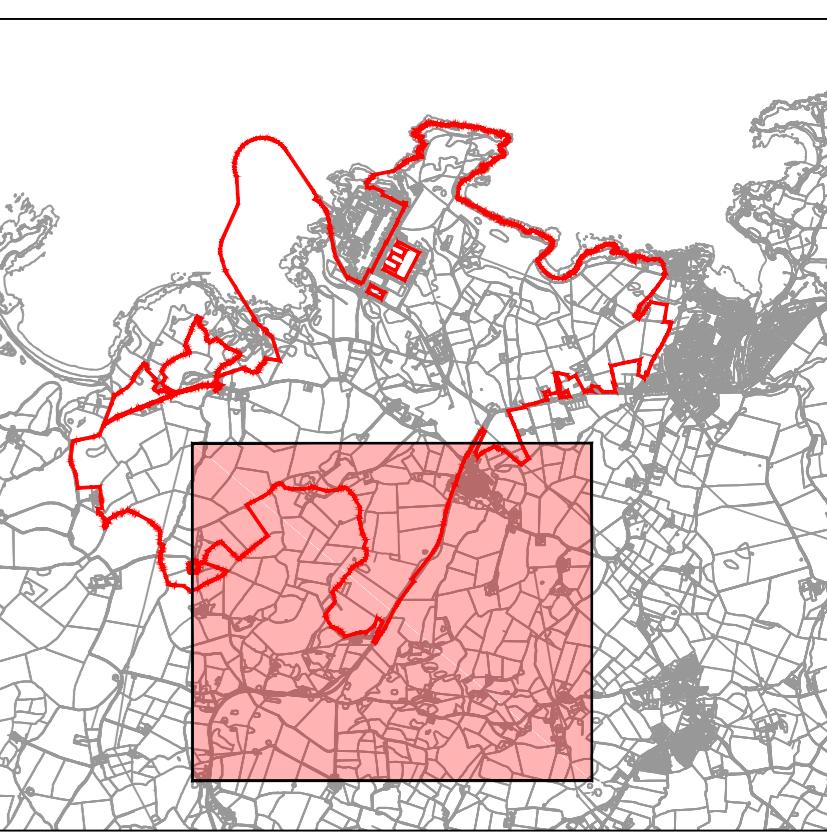
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0 50 100 150 200 250 m  
 SCALE 1:2500

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OVERVIEW



Not To Scale

NOTES

1. The locations of features shown are indicative only exact location to be confirmed on site.
2. Additional features may be present on site that have not been identified on the topographical plan.
3. Important Hedgerow Reference Number (see Schedule 18 of the draft DCO (Application Reference Number: 3.1).

LEGEND

— Order Limits  
— Important Hedgerow  
 IH\*\* (Hedgerow Regulations 1997)  
 To be removed

1.0	MAY 2018	FOR DCO SUBMISSION	HNPWL	HNPVL	HNPVL
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Approved

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Project

WYLFA NEWYDD  
DCO PROJECT

Drawing Title  
**WYLFA NEWYDD DEVELOPMENT AREA  
IMPORTANT HEDGEROW REMOVAL  
SHEET 4**

Regulation 5 (2) (o)

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Drawing Number 1:2500 Sheet Size A0 Sheets 1 Rev 1.0

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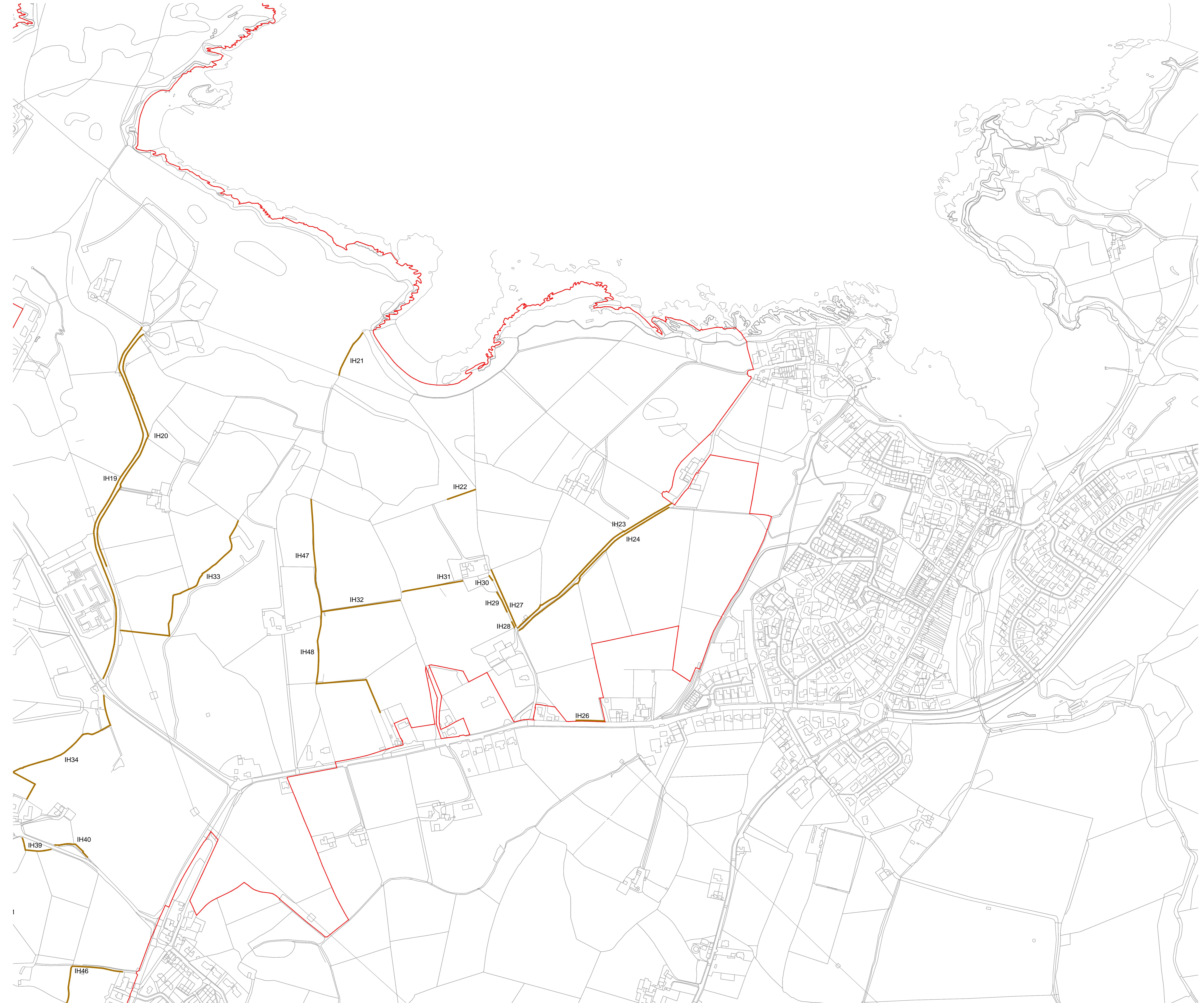
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0 50 100 150 200 250 m

WN0902-HZDCO-LFM-DRG-00040 1.0

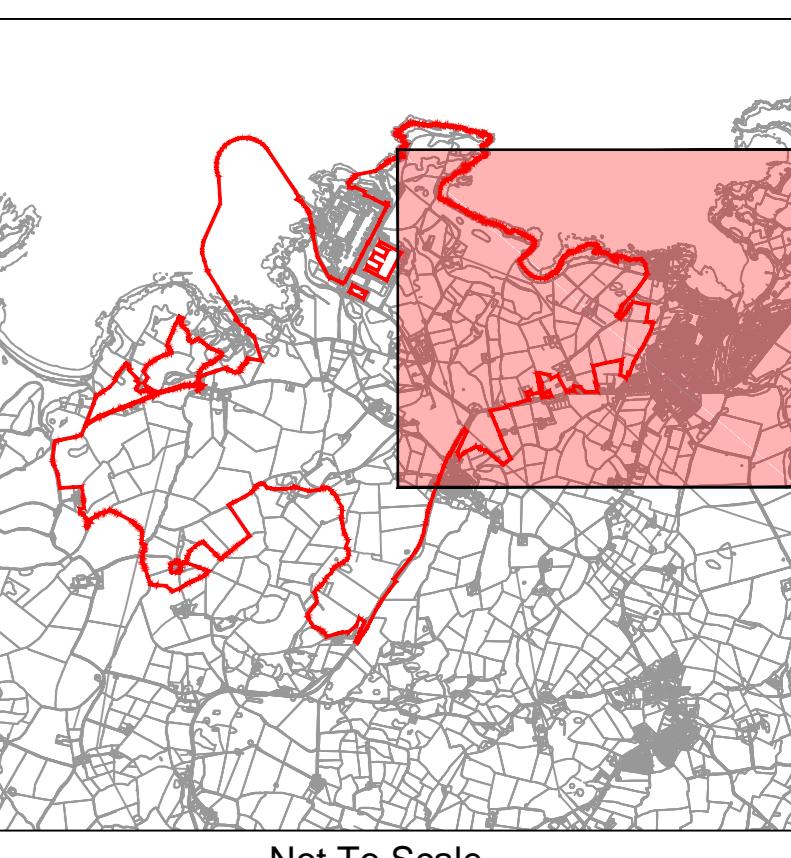
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Mae alynhyrchu heb ganiatâd yn torri hawlfraint y Goron a gall eich erlynn neu gallai achos sifil eis  
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## NOTES

1. The locations of features shown are indicative only exact location to be confirmed on site.
2. Additional features may be present on site that have not been identified on the topographical plan.
3. Important Hedgerow Reference Number (see Schedule 18 of the draft DCO (Application Reference Number: 3.1).

## LEGEND

Order Limits	Red line
Important Hedgerow IH** (Hedgerow Regulations 1997) To be removed	Brown line

1.0 MAY 2018 FOR DCO SUBMISSION HNPWL HNPWL HNPWL  
Rev. Date Purpose of revision Drawn Checked Approved

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DCO PROJECT

Drawing Title  
WYLFA NEWYDD DEVELOPMENT AREA  
IMPORTANT HEDGEROW REMOVAL  
SHEET 5

Regulation 5 (2) (o)

Security Status NOT PROTECTIVELY MARKED

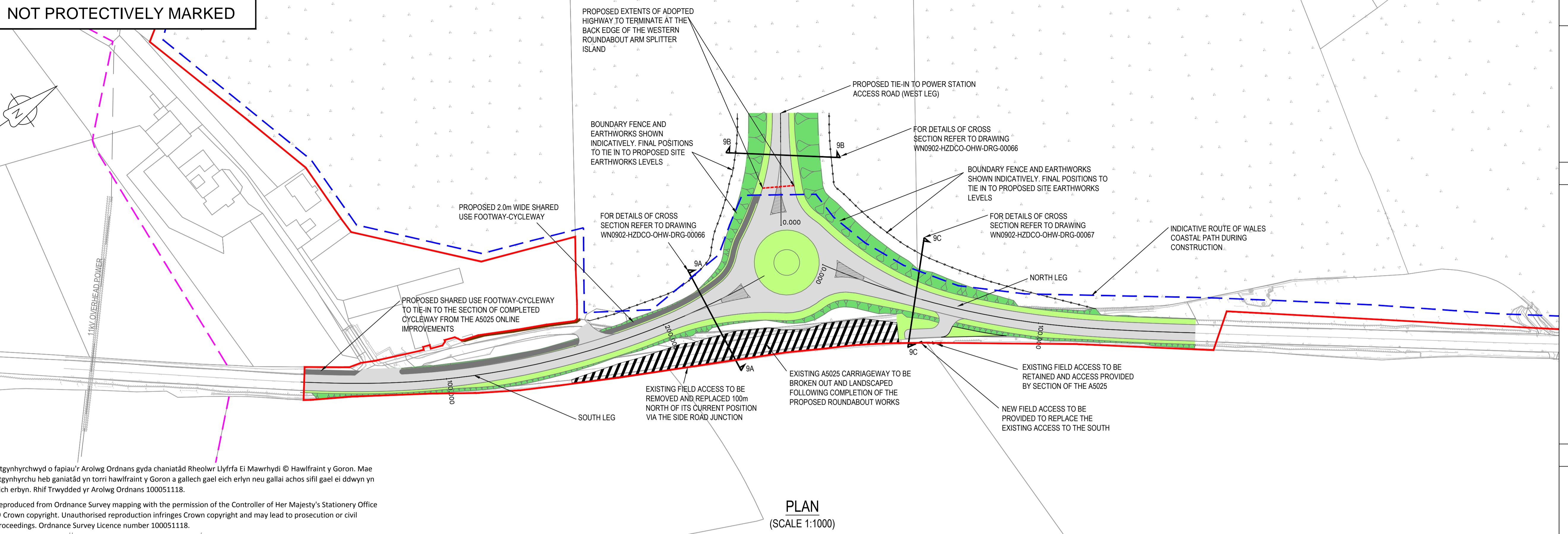
Scale 1:2500 Sheet No. AU Sheet(s) 1 of 1

Drawing Number WN0902-HZDCO-LFM-DRG-00041 Rev. 1.0

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0 50 100 150 200 250 m  
SCALE 1:2500

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NOTES

1. All levels in metres unless stated otherwise.
2. All earthworks batters slopes are shown at a gradient of 1 in 2.5.
3. Existing ground levels based on topographical survey information from surveys undertaken.
4. 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.
5. Road alignment geometry has been designed in accordance with DMRB td 9/93.

LEGEND

- Order Limits
- Proposed carriageway
- Proposed shared use footway-cycleway
- Existing carriageway to be stopped up
- Proposed splitter islands
- Proposed verge
- Proposed earthworks slopes
- Proposed highway boundary fence
- Proposed gated private means of access
- Existing public right of way (PROW)
- Wales Coastal Path

REFERENCE DRAWINGS

1. For details of proposed drainage refer to drawings WN0902-HZDCO-OHW-DRG-00065
2. For details of cross section refer to drawing WN0902-HZDCO-OHW-DRG-00066 & 00067

Level Datum =40.000

Proposed Level  
South Leg (MC01)

Existing Level

Chainage

Level Datum =35.000

Proposed Level  
West Leg (MC02)

Existing Level

Chainage

Level Datum =34.000

Proposed Level  
North Leg (MC03)

Existing Level

Chainage

LONGITUDINAL SECTION  
(SCALE 1:500H & 1:100V)

SCALE 1:1000

SCALE 1:500

SCALE 1:100

1.0 MAY 2018 FOR DCO SUBMISSION HNPWL HNPWL HNPWL  
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Project  
**WYLFA NEWYDD  
DCO PROJECT**

Drawing Title  
**A5025 OFF-LINE HIGHWAY IMPROVEMENTS  
SECTION 9 -  
POWER STATION ACCESS ROAD JUNCTION  
PROPOSED 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-00063 Rev 1.0

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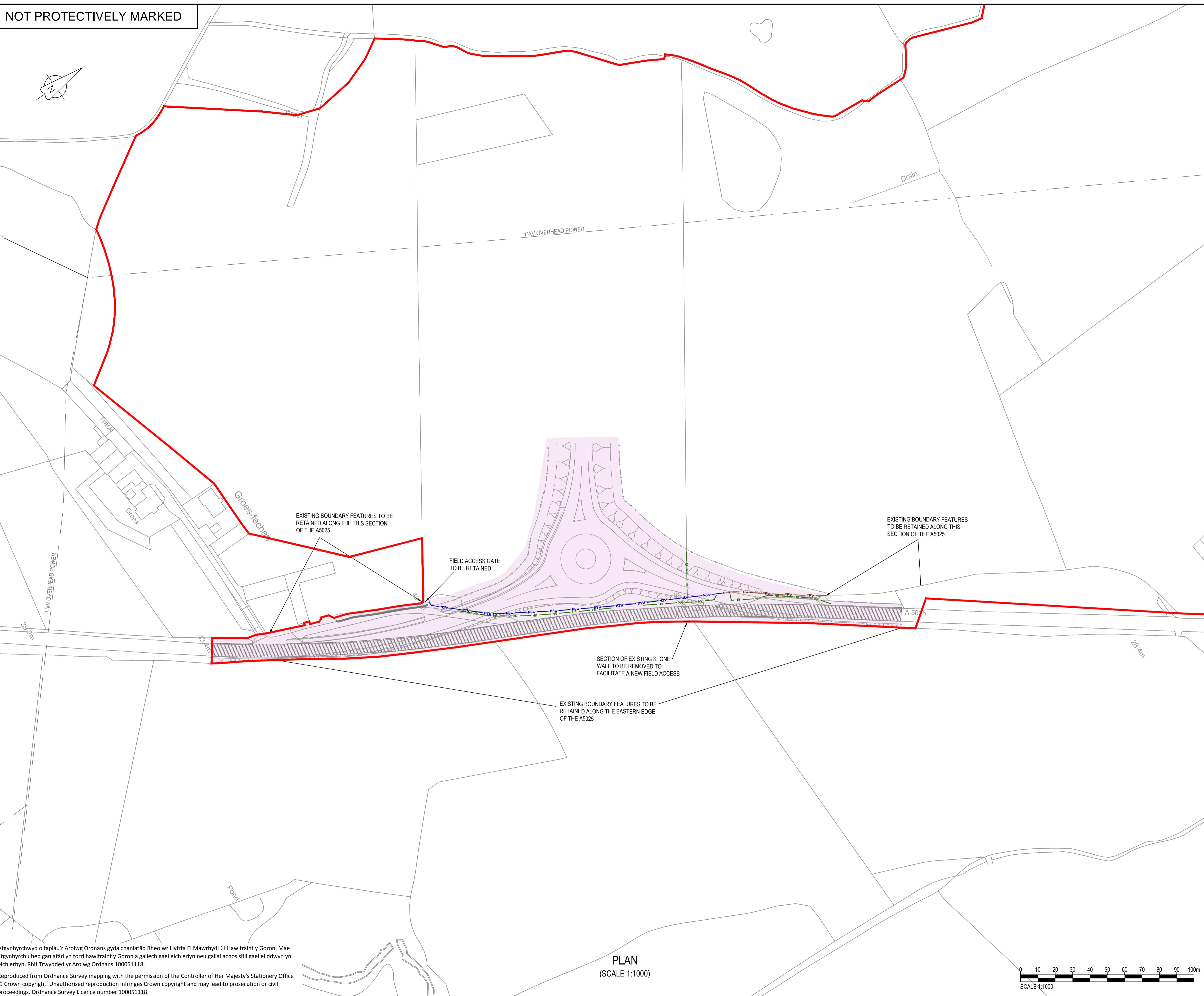
NOT PROTECTIVELY MARKED

NOTES

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 overgrown 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. For clearance of Important Hedgerows (Hedgerow Regulations 1997) (not shown on this drawing) refer to WN0902-HZDCO-LFM-DRG-00040.

LEGEND

- Order Limits
- Existing overhead services
- General site clearance area
- Road pavement to be excavated & removed
- HSV - Stone wall to be removed
- TPV - Timber post & wire fence to be removed
- HR - Hedgerow to be removed



1.0 MARCH 2018 FOR DCO SUBMISSION HNPWL HNPWL HNPWL  
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Project WYLFA NEWYDD DCO PROJECT

Drawing Title A5025 OFF-LINE HIGHWAY IMPROVEMENTS SECTION 9 -  
POWER STATION ACCESS ROAD JUNCTION PROPOSED SITE CLEARANCE PLAN  
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-00064 Rev 1.0

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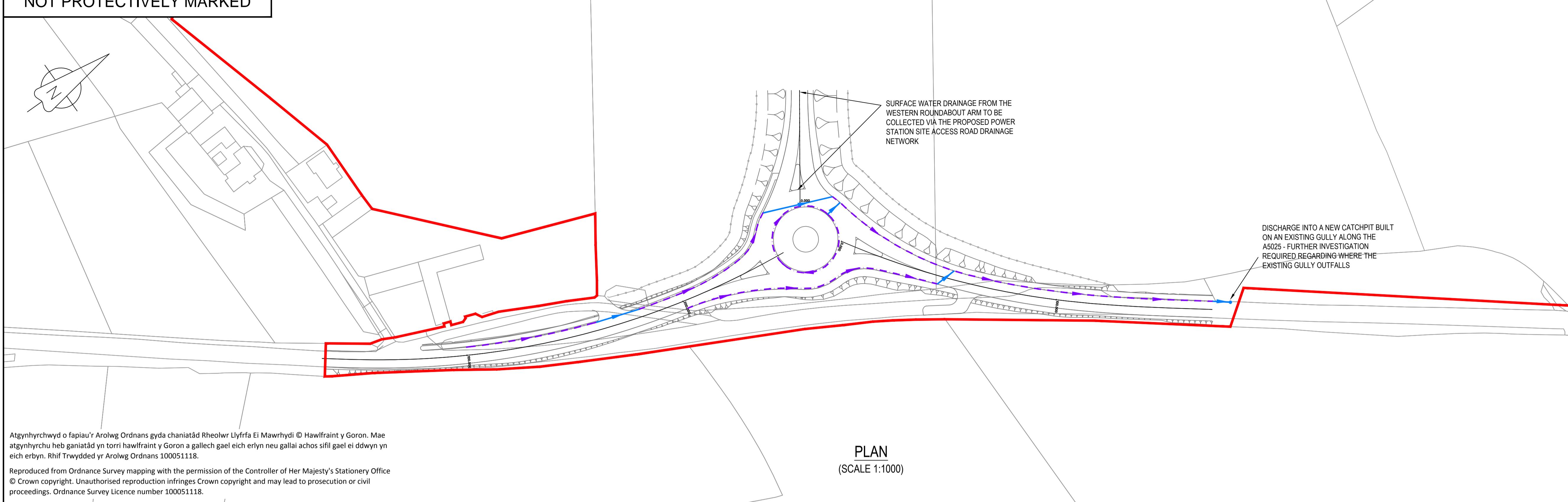
NOT PROTECTIVELY MARKED

NOTES

1. All levels in metres unless stated otherwise.
2. Earthwork batter slopes are shown at a gradient of 1 in 2.5.
3. Pond batter slopes are shown at a gradient of 1 in 3.
4. 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).
5. Pond volumes are based on a 1 in 100 year return period plus 30% climate change.
6. Ponds to be located outside of the flood plain.
7. Drainage layouts are indicative for information only and are subject to detailed design and modelling.
8. 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.
9. Gradients of filter drains typically follow the longitudinal fall of the highway with a minimum cover of 1.2m.
10. Filter drain inspection chambers shall be located at regular intervals and at connection points. The spacing between inspection chambers shall not exceed 80m.
11. Drainage outfall locations and levels are based on topographical survey information data.

LEGEND

- Order Limits
- Proposed highway boundary fence
- Proposed catchpit
- Proposed carrier drain
- Proposed kerb drain



Level Datum =40.000

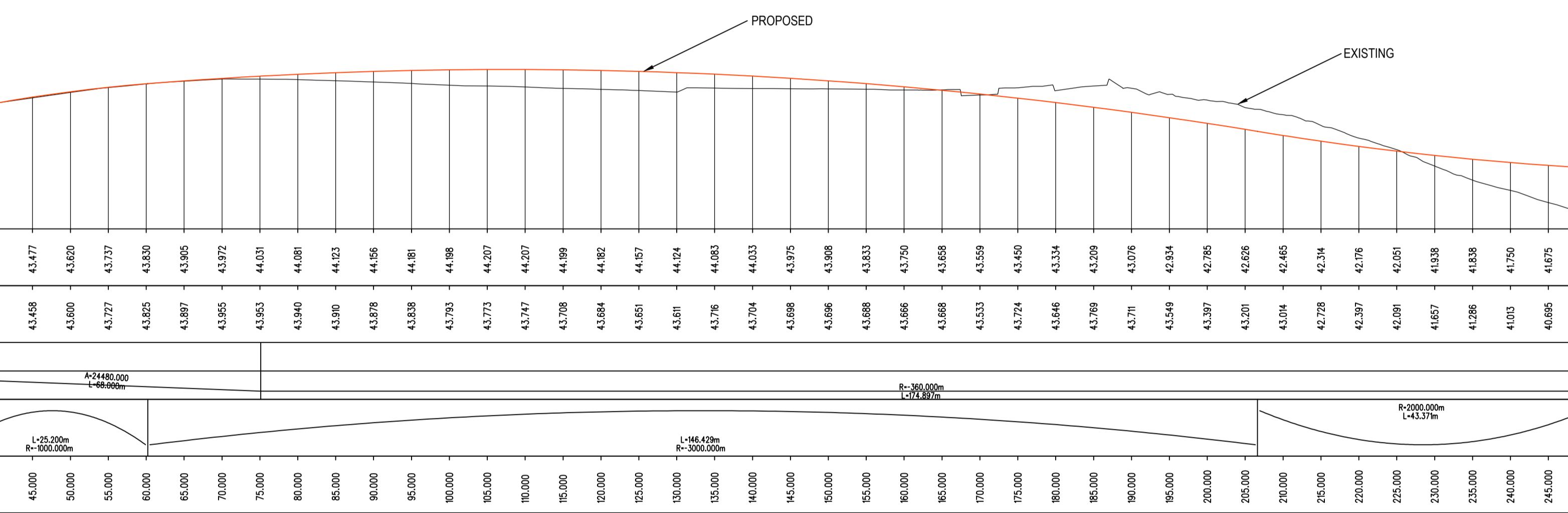
Proposed Level South Leg (MC01)

Existing Level

Horizontal Geometry

Vertical Geometry

Chainage



Level Datum =35.000

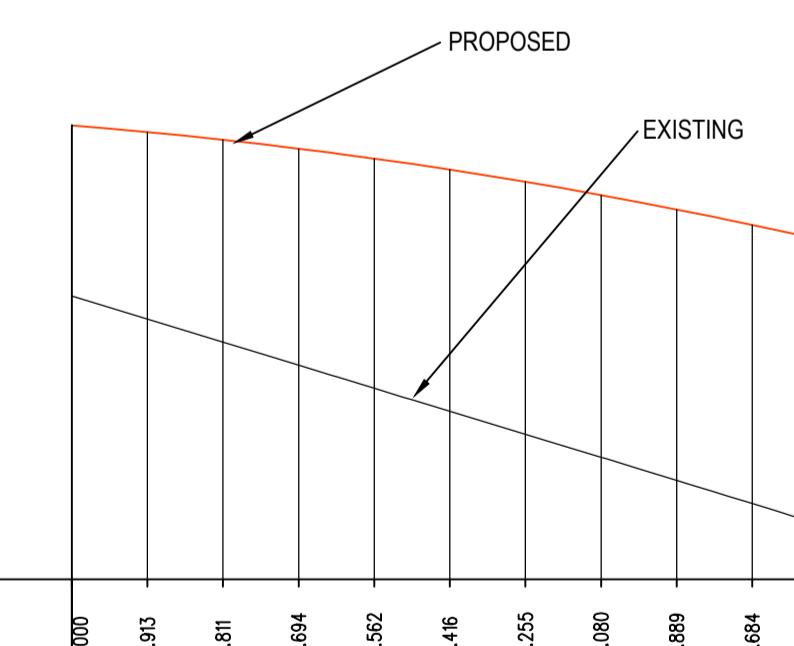
Proposed Level West Leg (MC02)

Existing Level

Horizontal Geometry

Vertical Geometry

Chainage



Level Datum =34.000

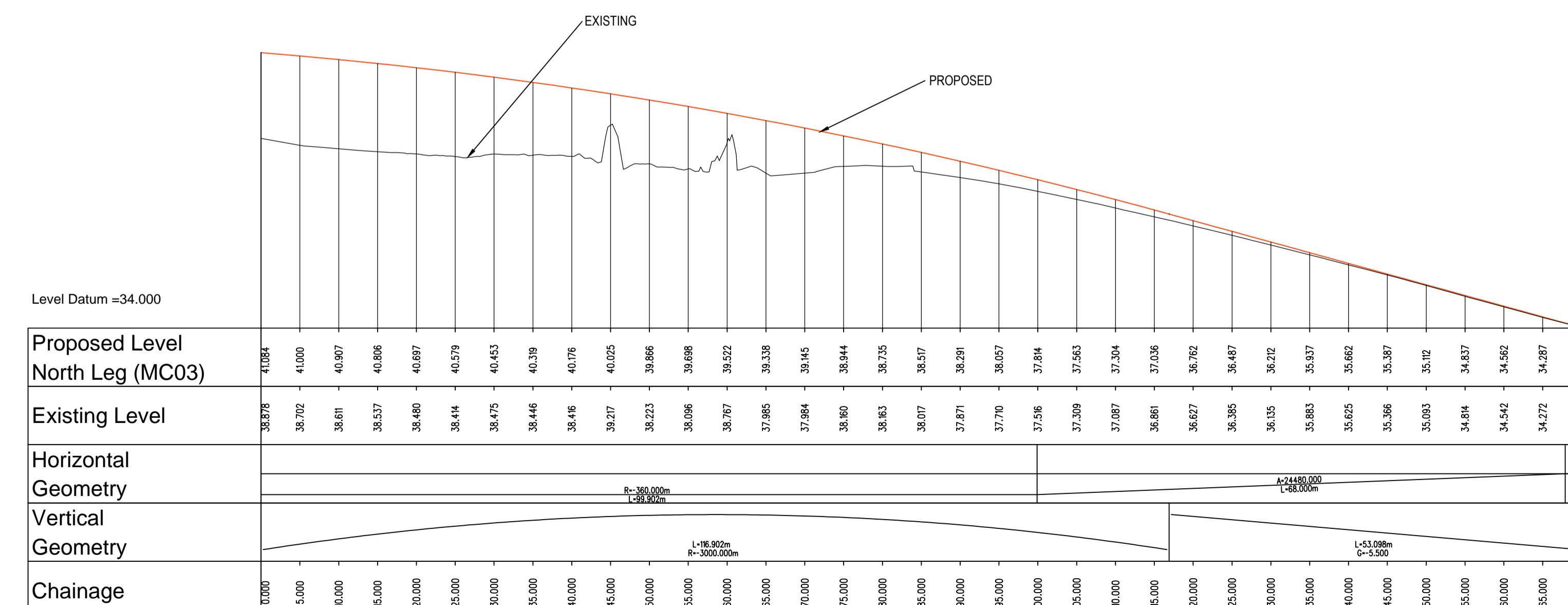
Proposed Level North Leg (MC03)

Existing Level

Horizontal Geometry

Vertical Geometry

Chainage



## LONGITUDINAL SECTION

(SCALE 1:500H &amp; 1:100V)

SCALE 1:1000

SCALE 1:500

SCALE 1:100

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

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Freephone: 0845 300 6816 Email: info@horizonnuclearpower.comProject WYLFA NEWYDD  
DCO PROJECT

Drawing Title A5025 OFF-LINE HIGHWAY IMPROVEMENTS

SECTION 9 -

POWER STATION ACCESS ROAD JUNCTION

PROPOSED DRAINAGE PLAN

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-00065 Rev. 1.0

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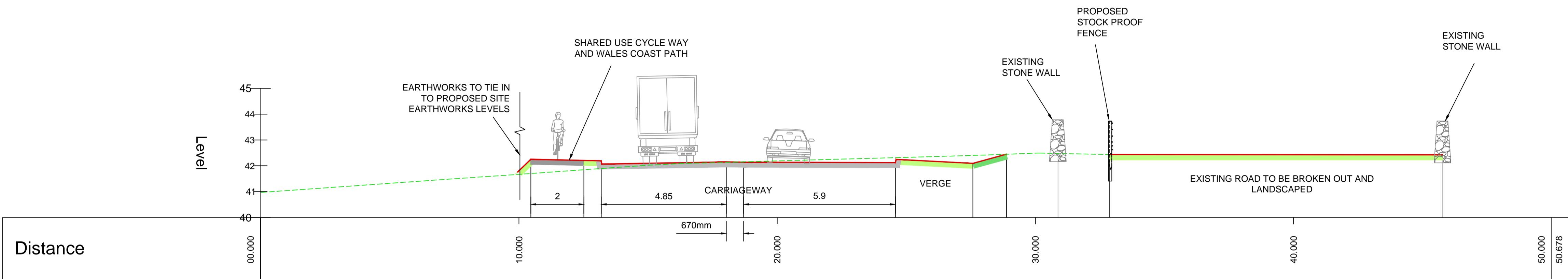
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2. All dimensions in metres unless stated otherwise.

LEGEND

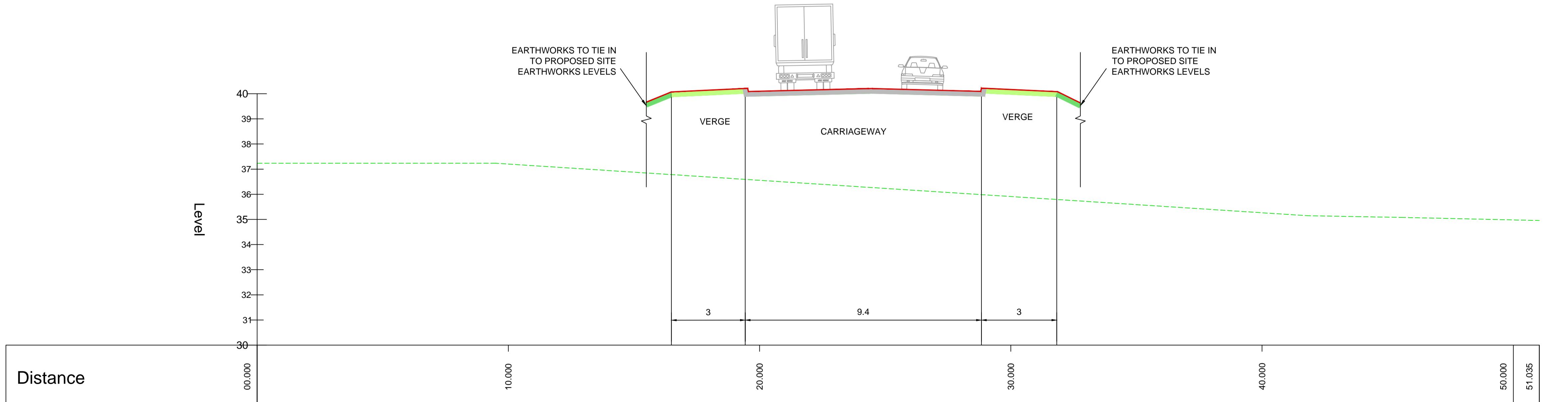
Proposed levels  
Existing levels

REFERENCE DRAWINGS

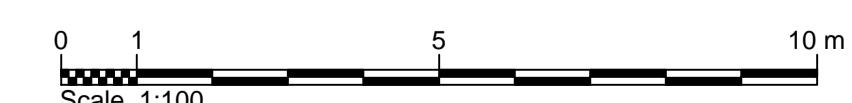
WN0902-H2DCO-OHW-DRG-00063 - A5025 OFF-LINE HIGHWAYS IMPROVEMENTS SECTION 9 - SITE ACCESS PROPOSED GENERAL ARRANGEMENT



PROPOSED CROSS SECTION 9A-A  
(SCALE 1:100)



PROPOSED CROSS SECTION 9B-B  
(SCALE 1:100)



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Project

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DCO PROJECT

Drawing Title

A5025 OFF-LINE HIGHWAY IMPROVEMENTS

SECTION 9 -

POWER STATION ACCESS ROAD JUNCTION

PROPOSED CROSS SECTION 9A-A &amp; 9B-B

Regulation 5 (2) (o)

Security Status

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Scale 1:100 Sheet Size A1 Sheet(s) 1 OF 1

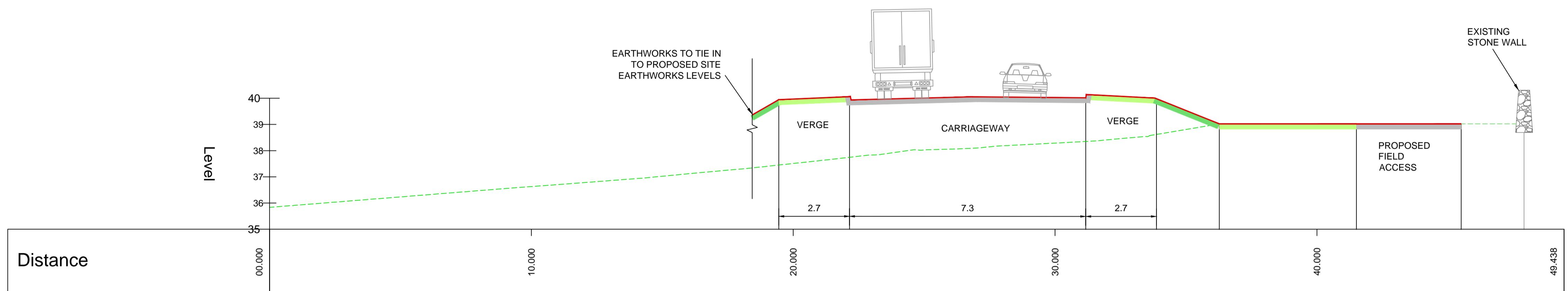
Drawing Number Rev

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NOTES	
1. All levels in metres unless stated otherwise.	
2. All dimensions in metres unless stated otherwise.	
LEGEND	
<span style="color: red;">—</span> Proposed levels	
<span style="color: green;">—</span> Existing levels	
REFERENCE DRAWINGS	
WN0902-H2DCO-OHW-DRG-00063 - A5025 OFF-LINE HIGHWAYS IMPROVEMENTS SECTION 9 - SITE ACCESS PROPOSED GENERAL ARRANGEMENT	



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Project  
**WYLFA NEWYDD DCO PROJECT**

Drawing Title  
**A5025 OFF-LINE HIGHWAY IMPROVEMENTS SECTION 9 - POWER STATION ACCESS ROAD JUNCTION PROPOSED CROSS SECTION 9C-C Regulation 5 (2) (o)**

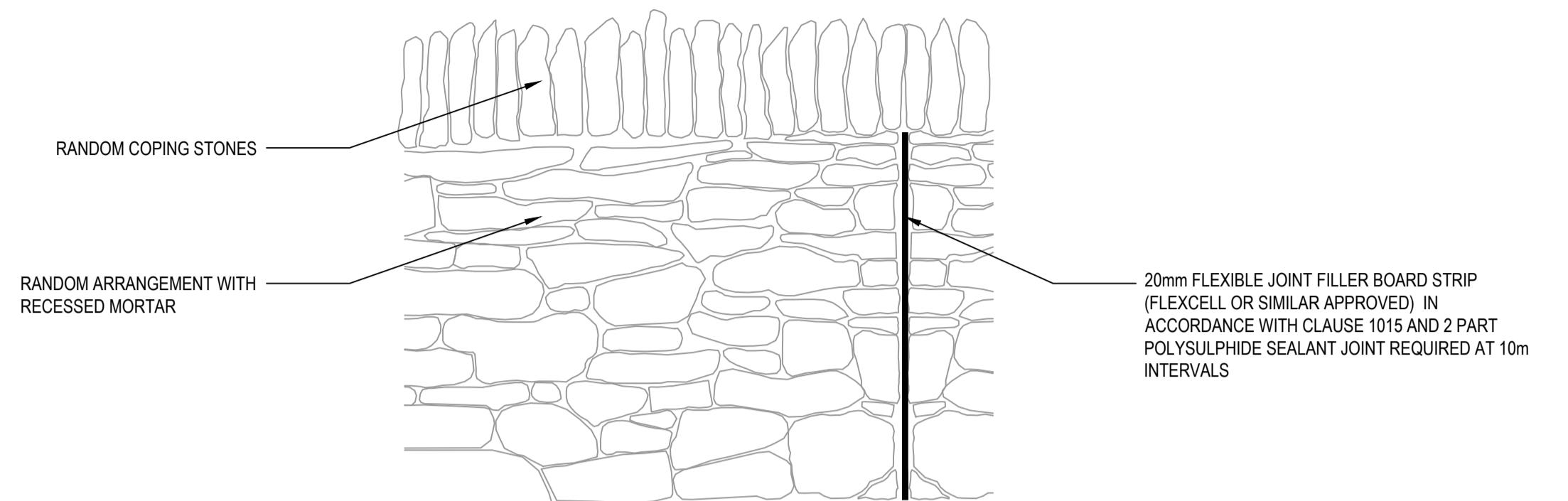
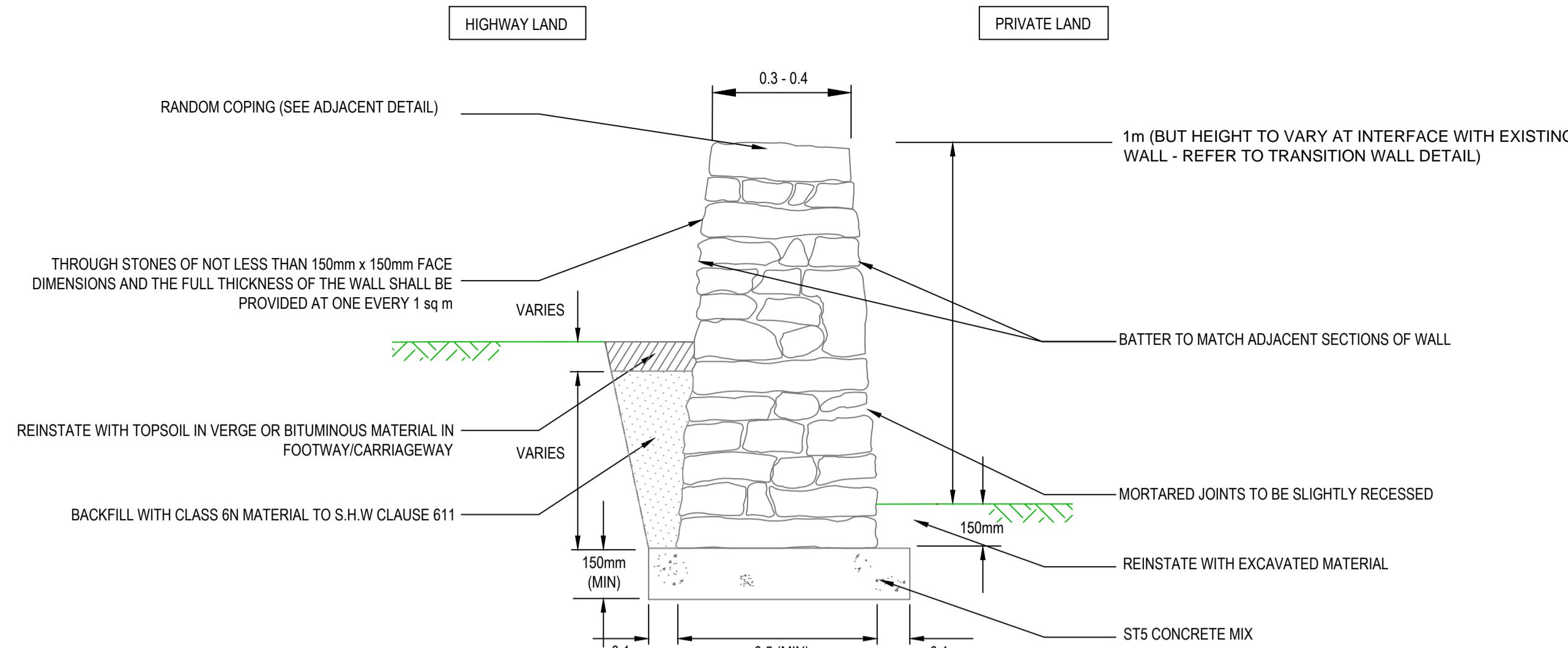
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Scale 1:100 Sheet Size A1 Sheet(s) 1 OF 1

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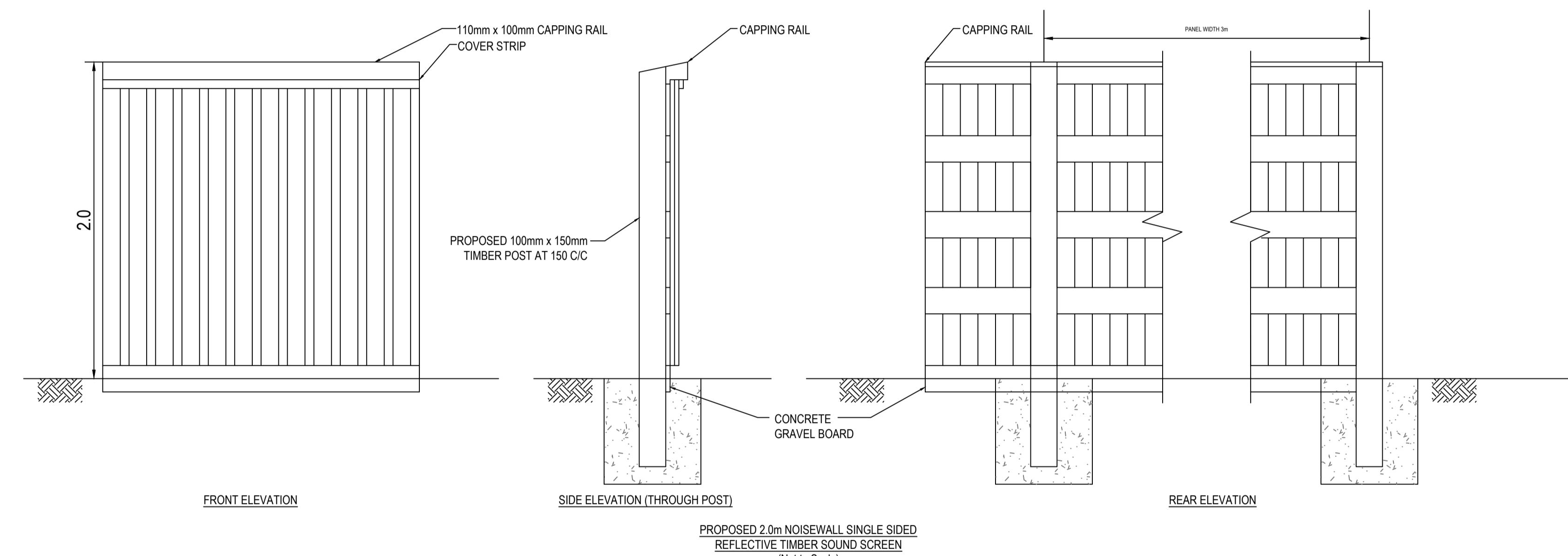
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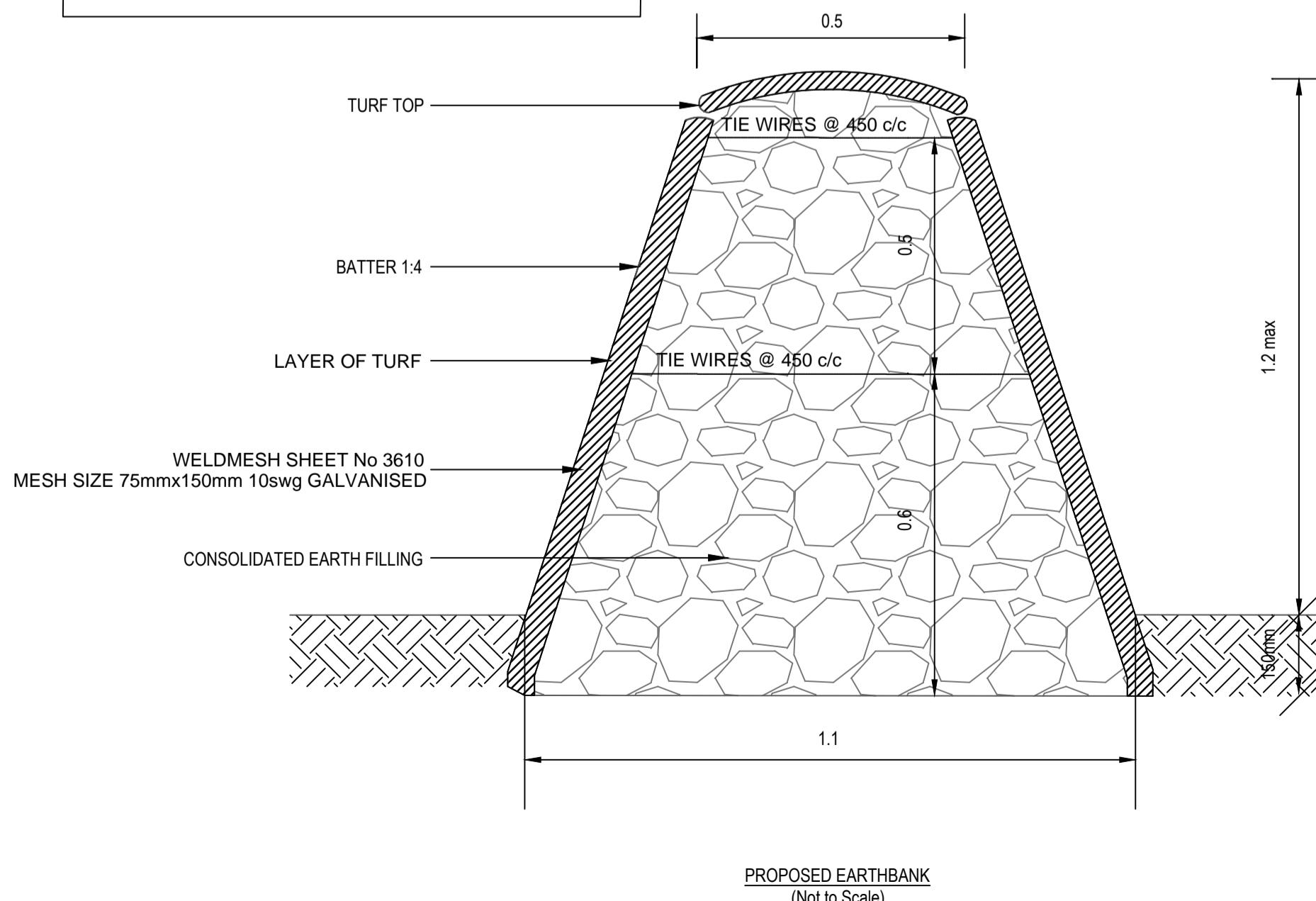


PROPOSED MORTARED STONE WALL (SECTION) (Not to Scale)

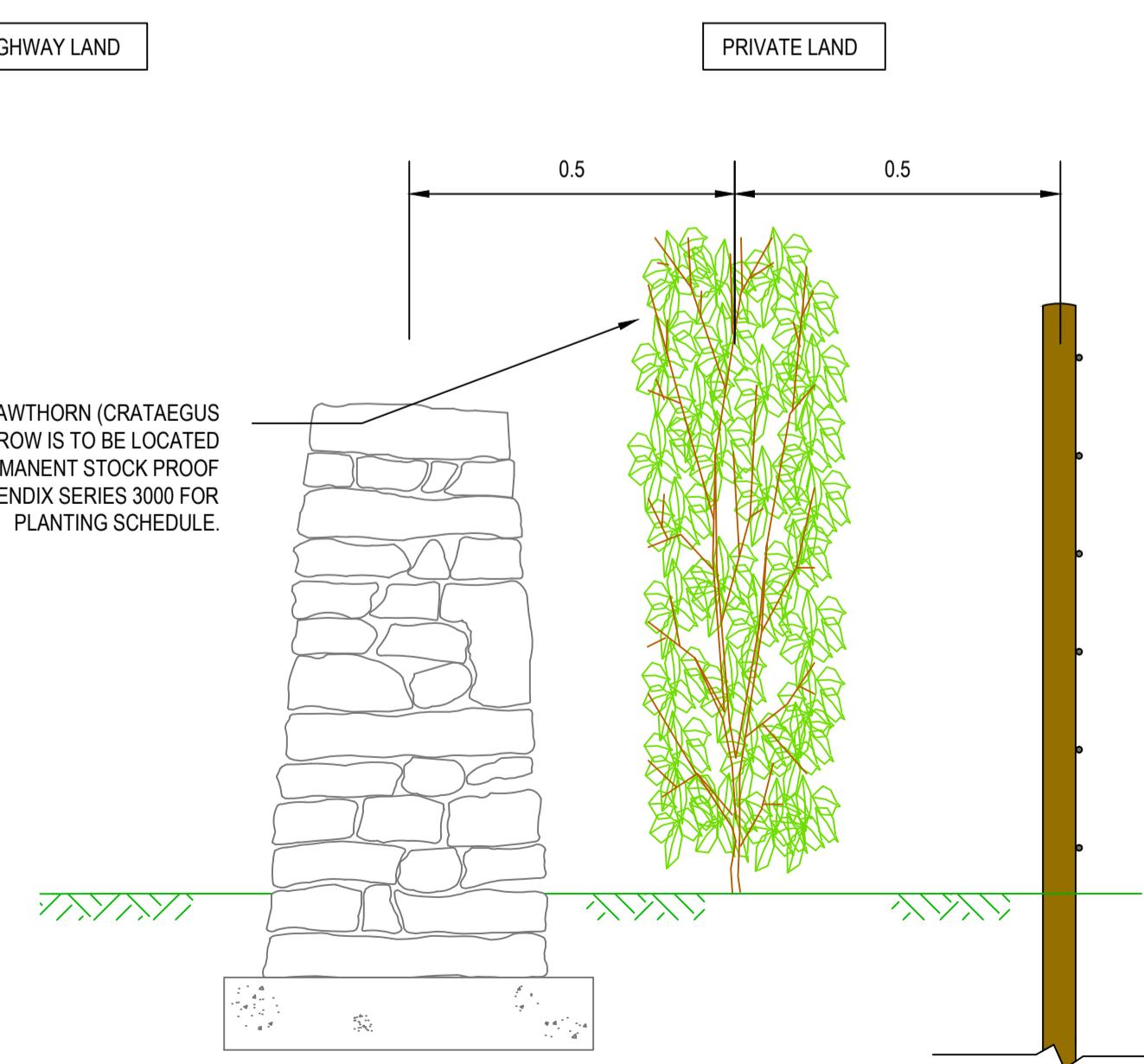
PROPOSED MORTARED STONE WALL (ELEVATION) (Not to Scale)



NOTE:  
WHERE REQUIRED, HEDGE TO BE QUICKTHORN HEDGING  
PLANTED AT 450mm CENTRES



HEDGEROW TO BE SINGLE SPECIES HAWTHORN (CRATAEGUS MONOGYNA). WHEN REQUIRED THE HEDGEROW IS TO BE LOCATED BETWEEN THE ADJACENT NEW WALL AND PERMANENT STOCK PROOF FENCE. REFER TO SPECIFICATION APPENDIX SERIES 3000 FOR PLANTING SCHEDULE.



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

NOTES

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

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Project WYLFA NEWYDD DCO PROJECT

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

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-00068 Rev 1.0



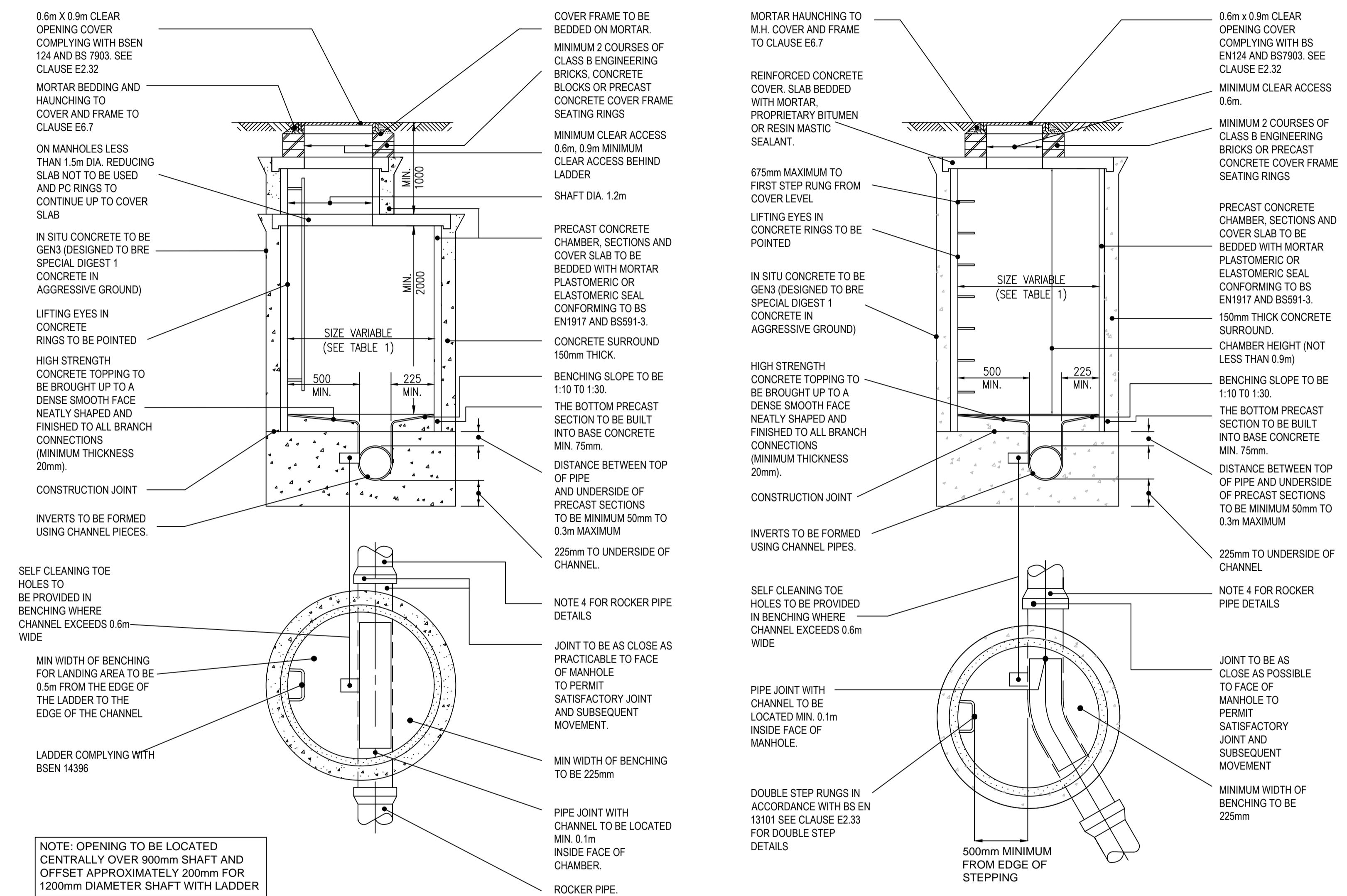
1. All dimensions in metres unless stated otherwise.
2. This drawing should only be read in relation to the subject of the title, reference should be made to the appropriate drawing series for other information.
3. All materials and workmanship to be to in accordance with the specification for highway 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
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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 **1.0**