

Wylfa Newydd Project

2.6.1 Wylfa Newydd Development Area – Power Station Site Plans (Part 2 of 2)

PINS Reference Number: EN010007

Application Reference Number: 2.6.1

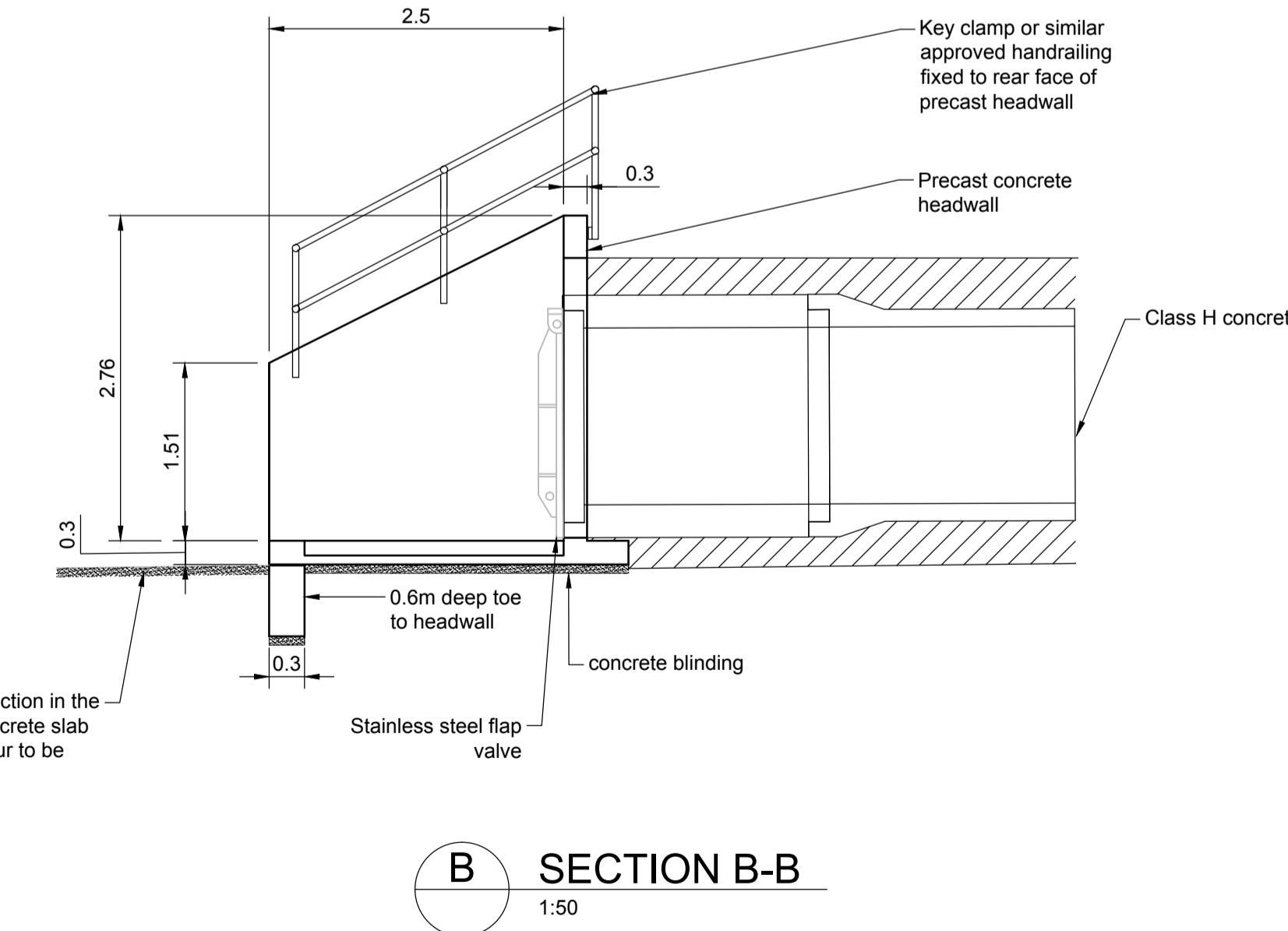
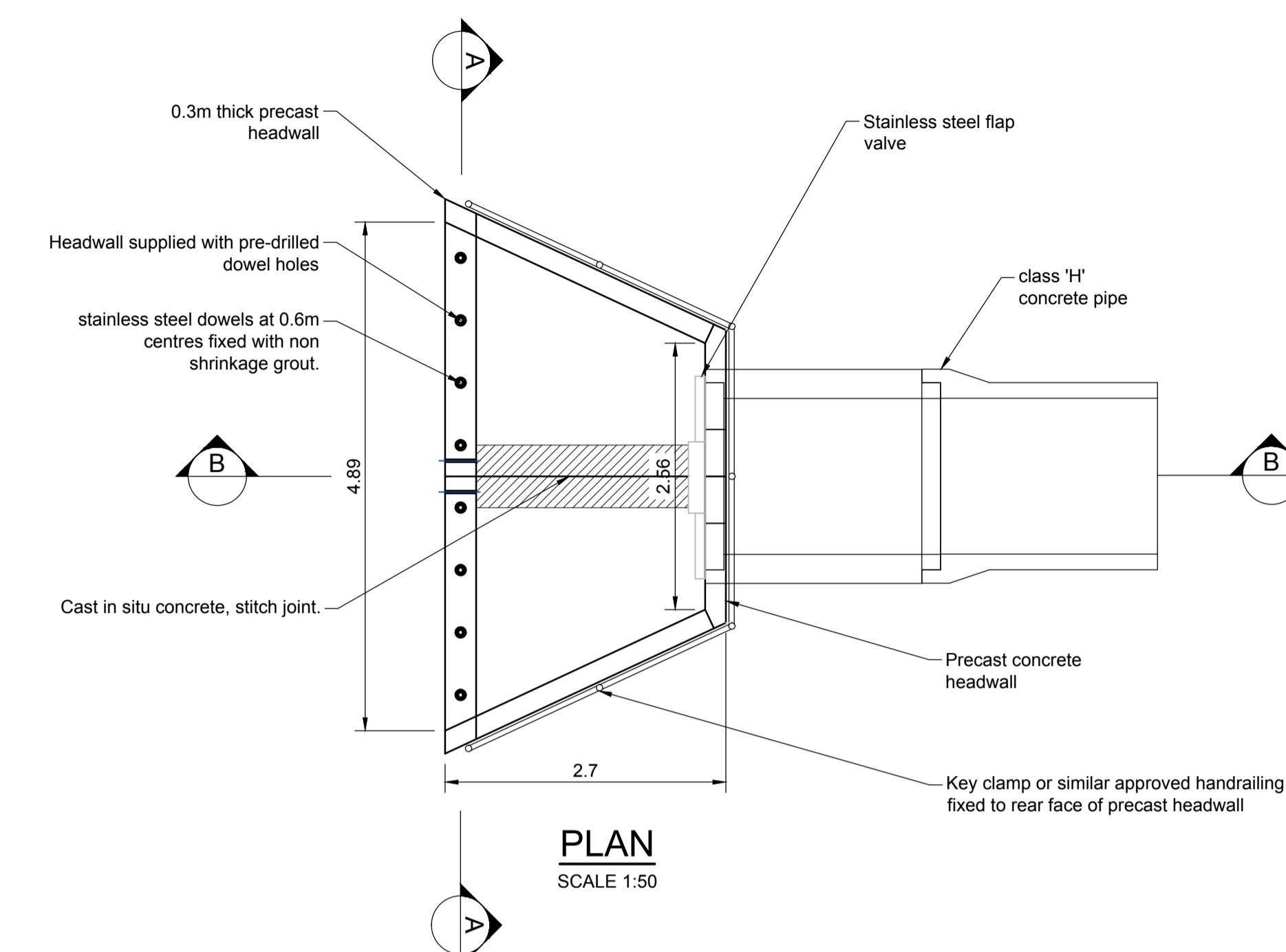
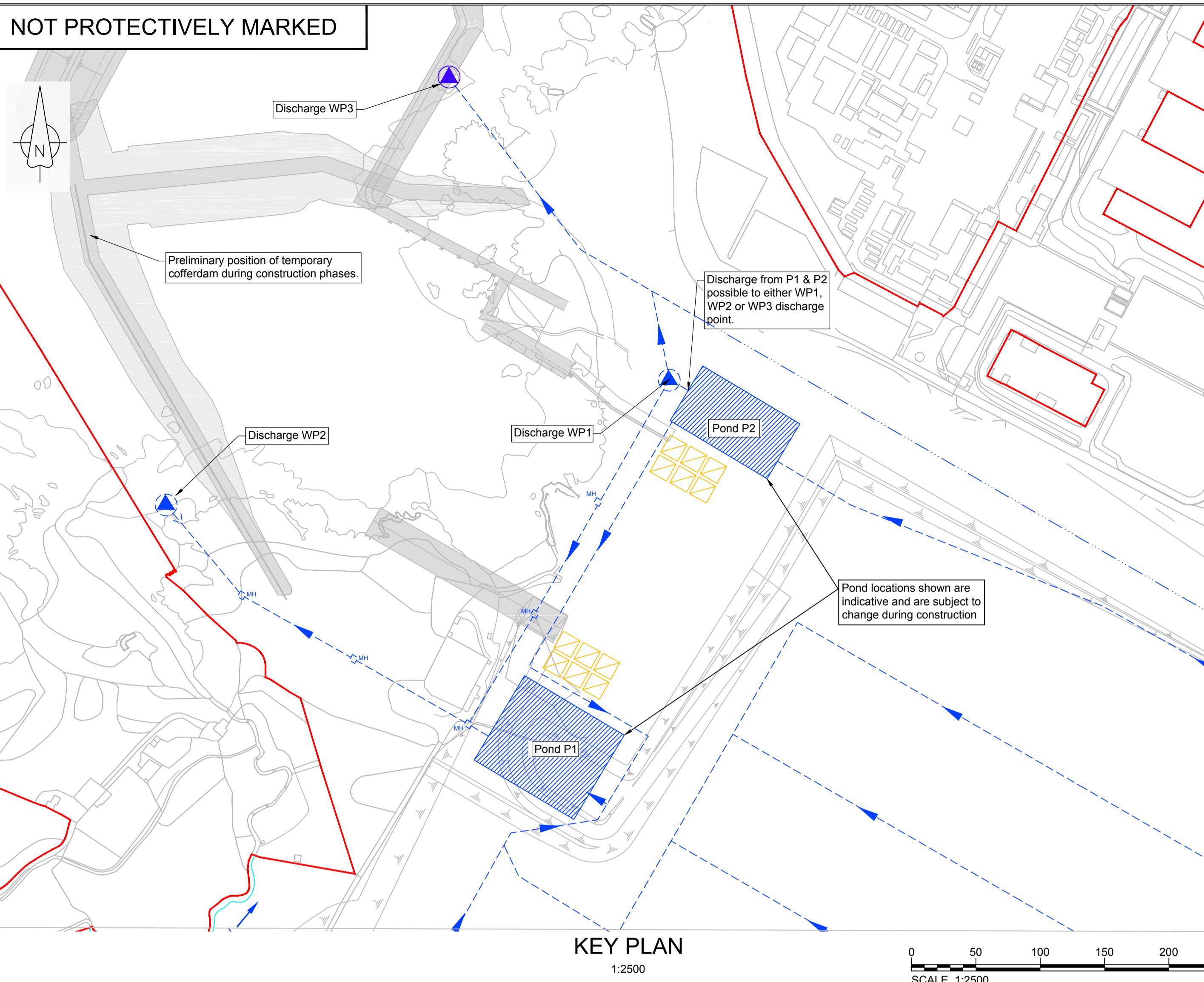
4 December 2018

Revision 2.0
Examination Deadline 2

Regulation Number: 5(2)(o)

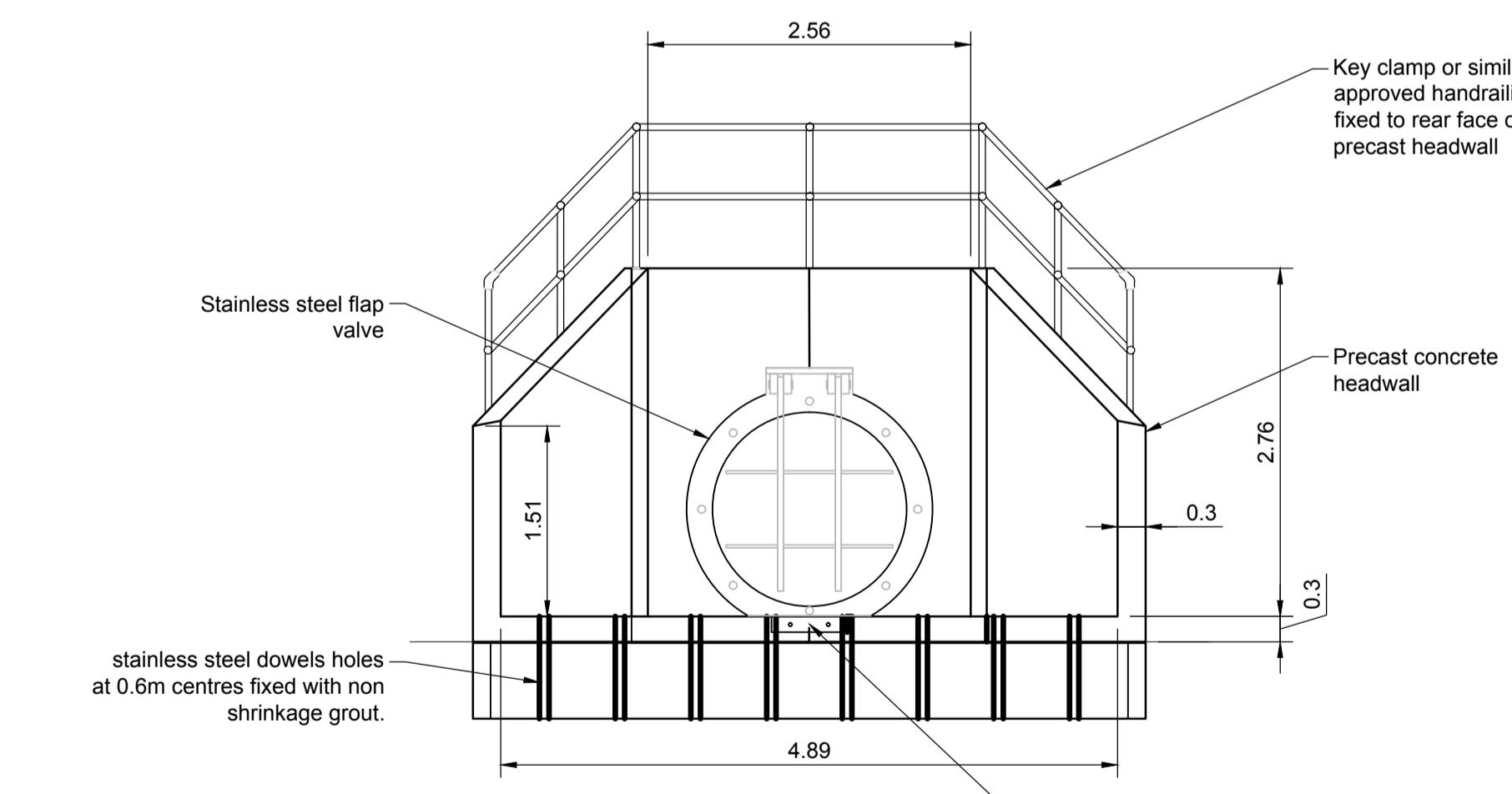
Planning Act 2008
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

NOT PROTECTIVELY MARKED



OUTFALL HEADWALL DETAILS

SCALE 1:50



SECTION A-A 1:50

NOTES

- All dimensions in metres unless otherwise stated.
- Typical sea outfall details for outfalls WP2 and WP3.
- Location and level of outfalls WP2 and WP3 to be confirmed at detail design stage.
- All dimensions are indicative only.

LEGEND

- Order limits
- Sedimentation pond
- Marine works
- Outfall to sea
- Ditch / swale / Pipe
- Security ditch
- Dosing plant indicative position
- Manhole / chamber

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

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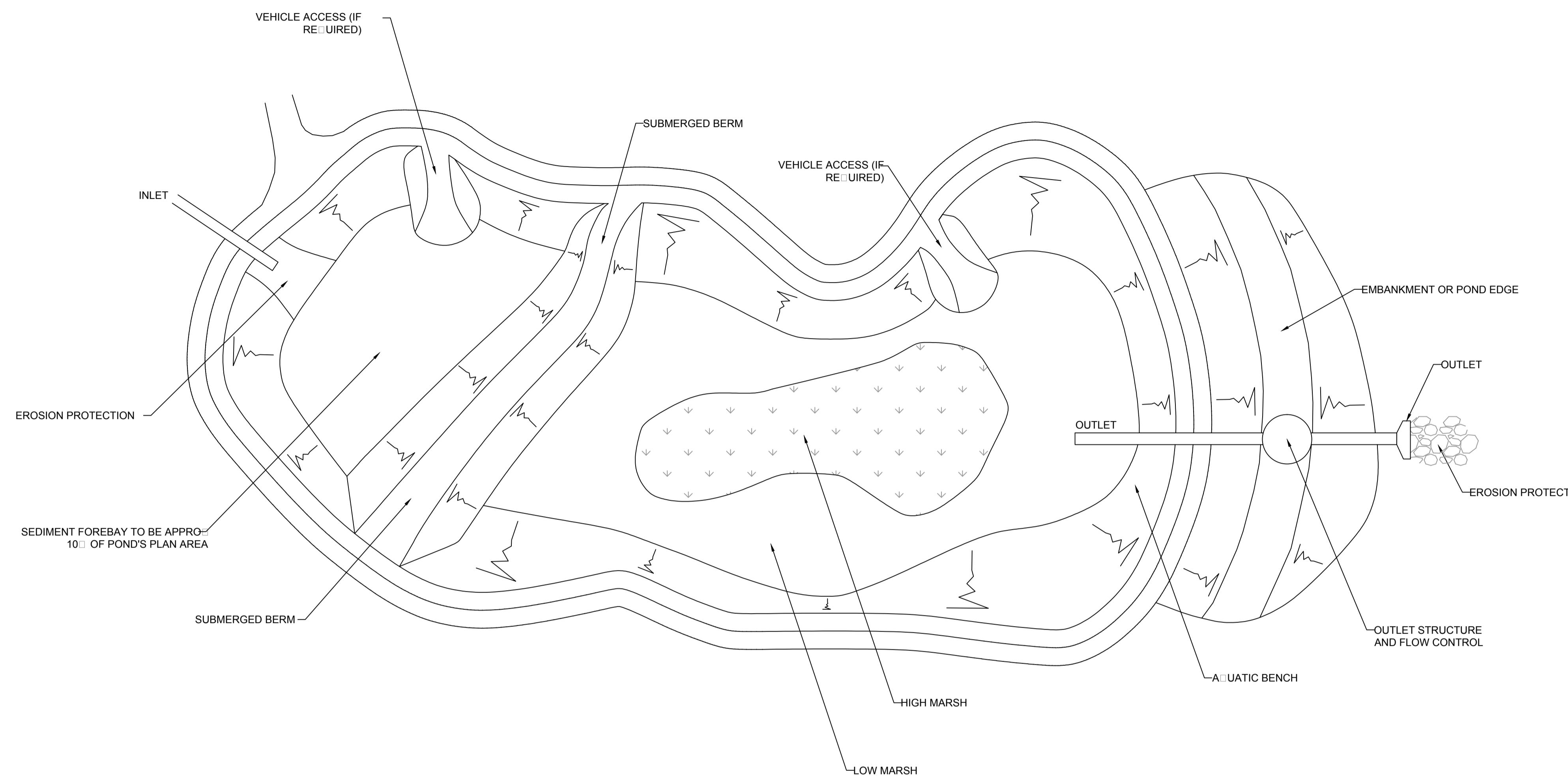
Project
WYLFA NEWYDD
DCO PROJECT

Drawing Title	WYLFA NEWYDD DEVELOPMENT AREA CONSTRUCTION LANDFORM STANDARD DETAILS SEA OUTFALLS (OUTFALLS WP2 AND WP3) Regulation 5 (2) (o)				
Security Status	NOT PROTECTIVELY MARKED				
Scale	As Shown				
Drawing Number	WN0902-HZDCO-LFM-DRG-00019				
Rev	1.0				

NOT PROTECTIVELY MARKED

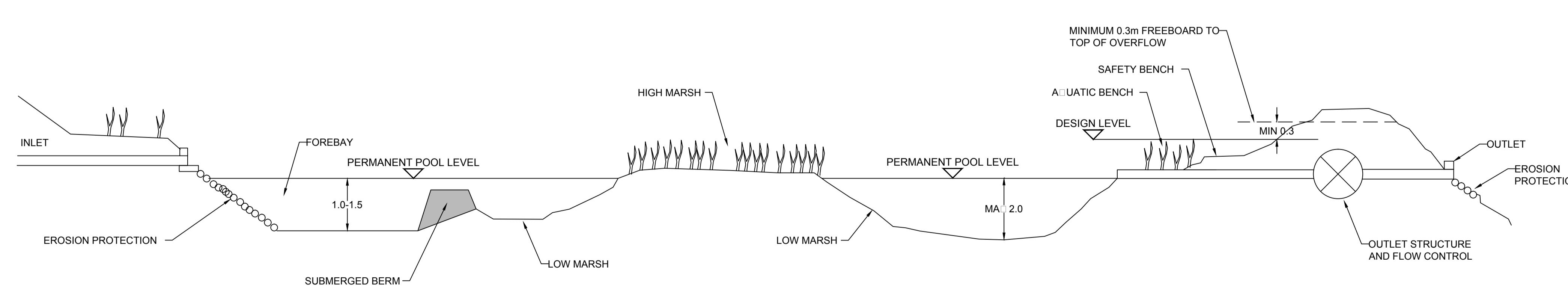
NOTES

1. All dimensions in metres unless otherwise stated.
2. For pond locations refer to drawings WN0902-HZDCO-LFM-DRG-00009 and WN0902-HZDCO-LFM-DRG-00013



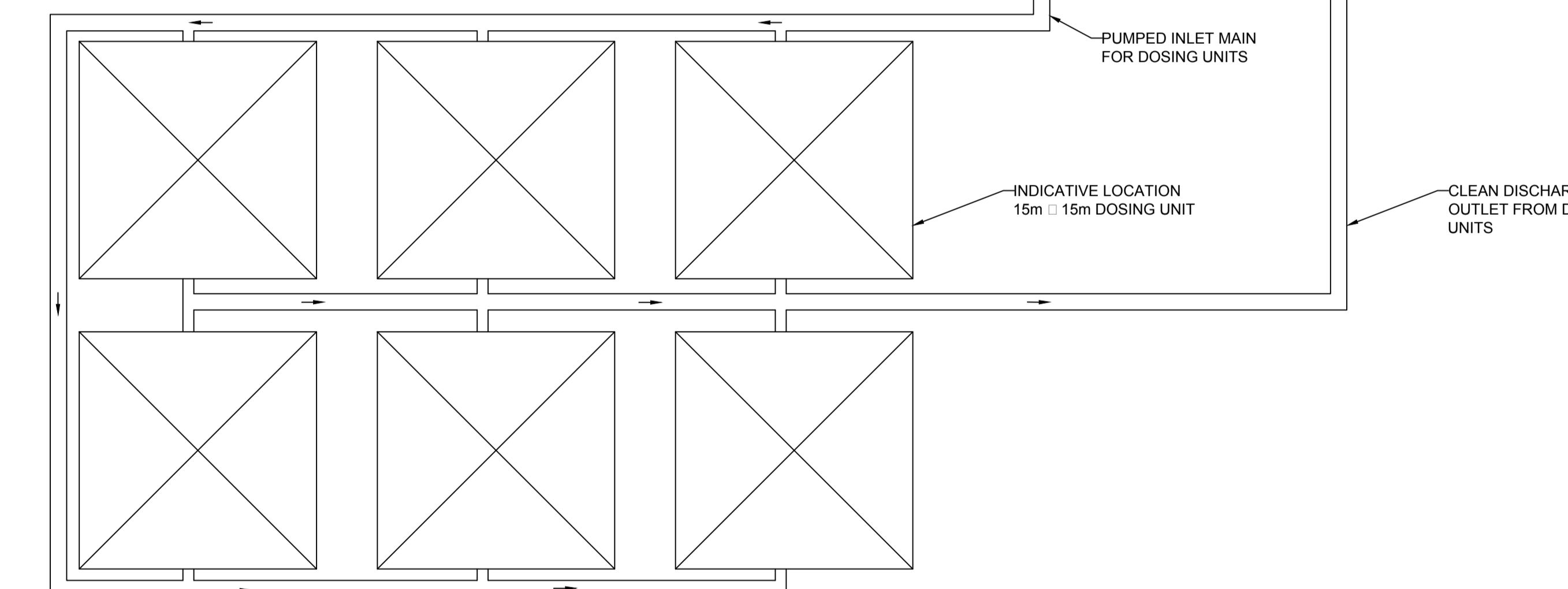
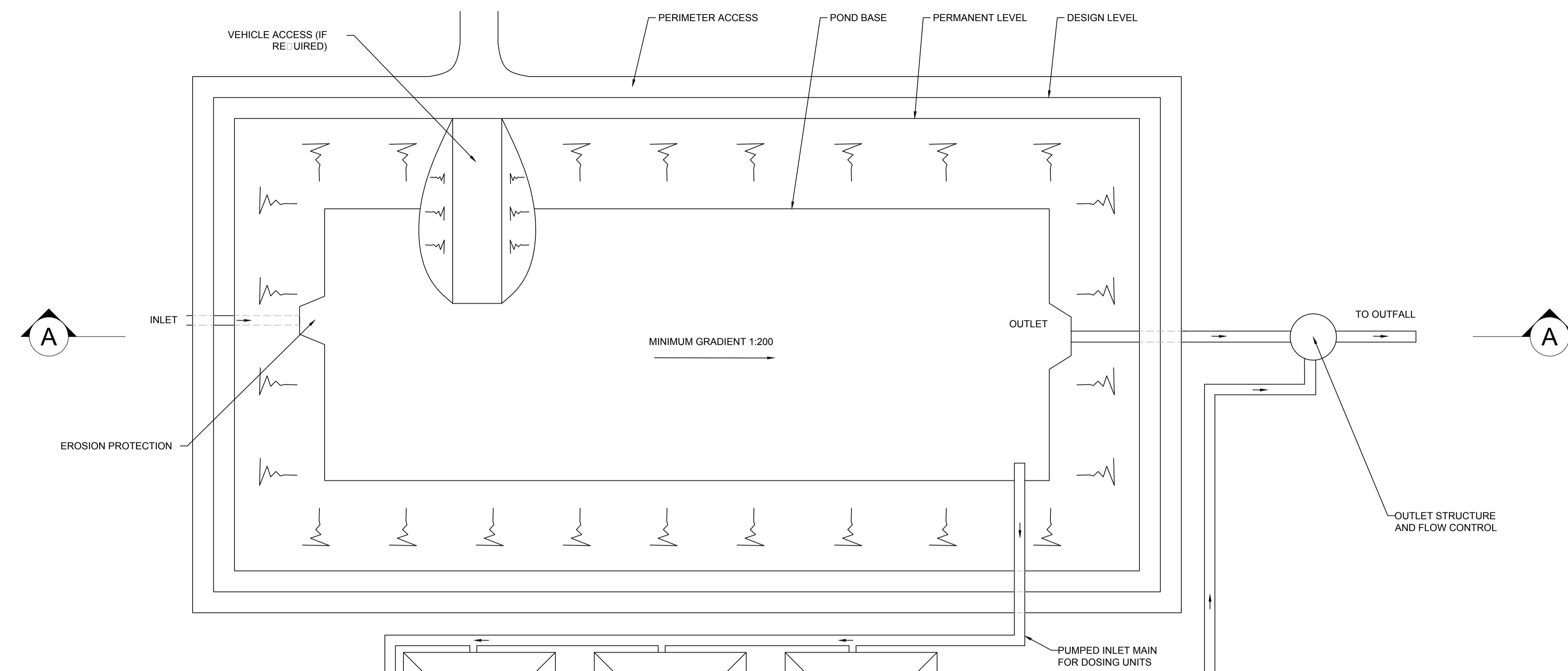
INDICATIVE ELEVATION

Not To Scale



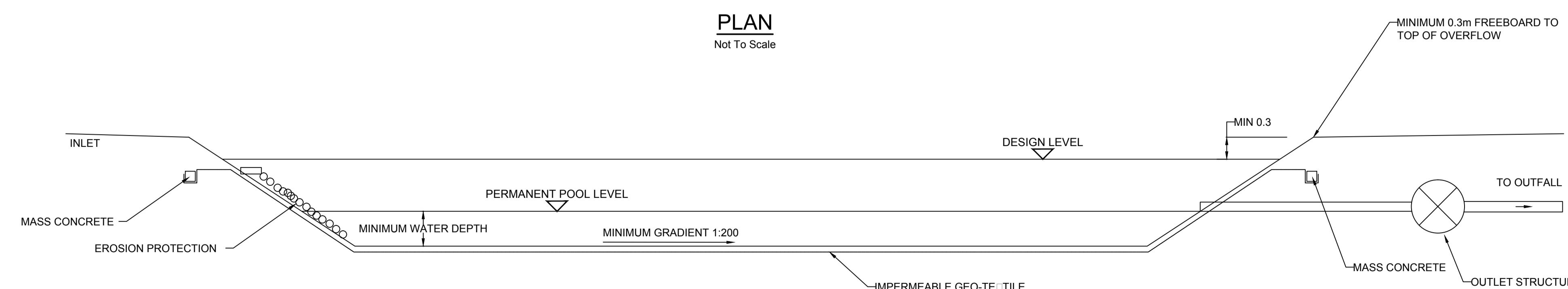
1.0	MARCH 2018	FOR DCO SUBMISSION	HNWL	HNWL	HNWL
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd
ILLUSTRATIVE					
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NUCLEAR POWER					
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Project					
WYLFA NEWYDD DCO PROJECT					
Drawing Title					
WYLFA NEWYDD DEVELOPMENT AREA CONSTRUCTION LANDFORM STANDARD DETAILS TREATMENT PONDS					
Regulation 5 (2) (o)					
Security Status					
NOT PROTECTIVELY MARKED					
Scale	Not To Scale	Sheet Size	A1	Sheet(s)	1 of 1
Drawing Number					Rev
WN0902-HZDCO-LFM-DRG-00020					1.0

NOT PROTECTIVELY MARKED



PLAN

Not To Scale



SECTION A-A

Not To Scale

NOTES

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)

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-LFM-DRG-00021

Rev
1.0

NOT PROTECTIVELY MARKED

INSET

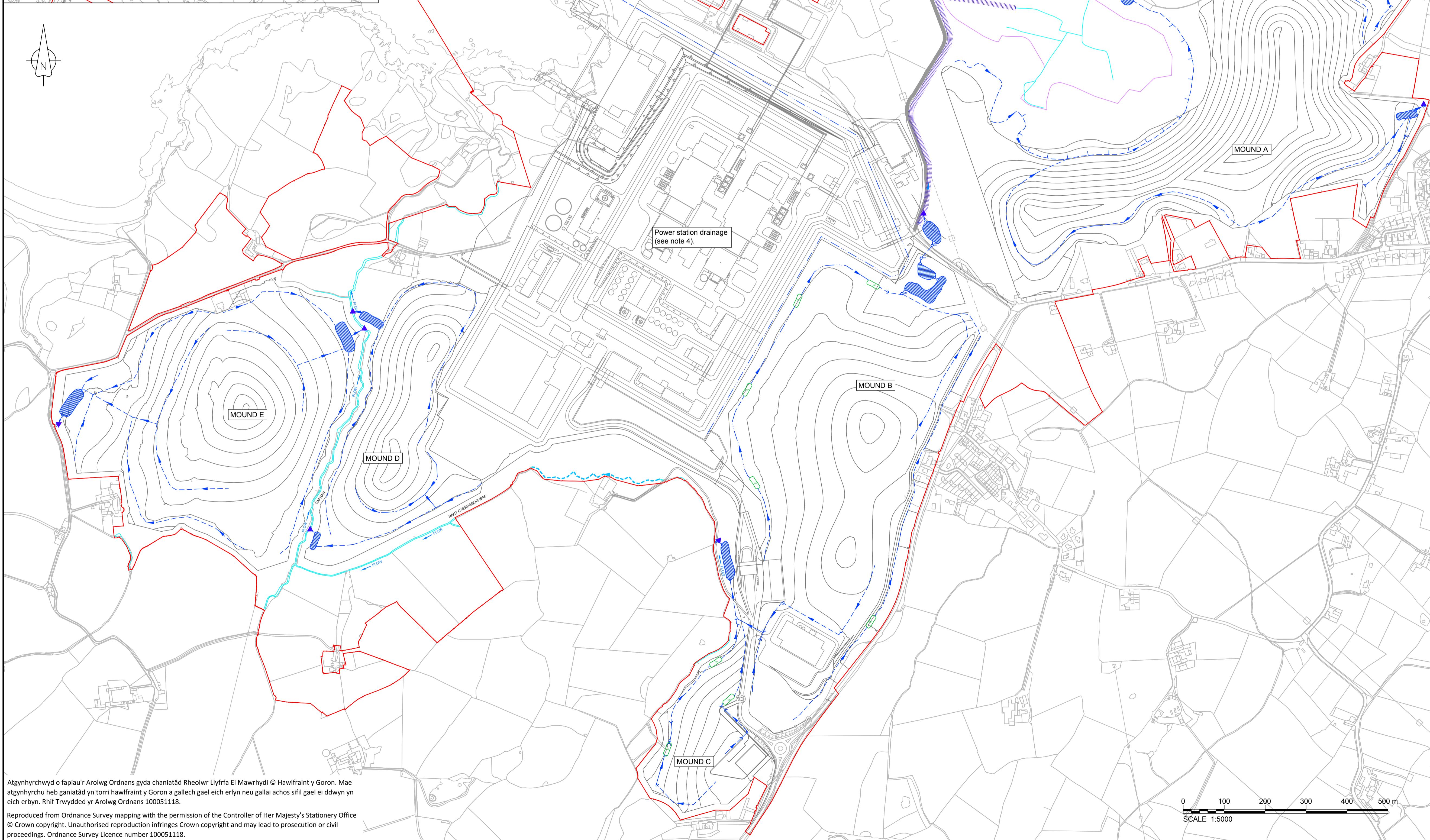
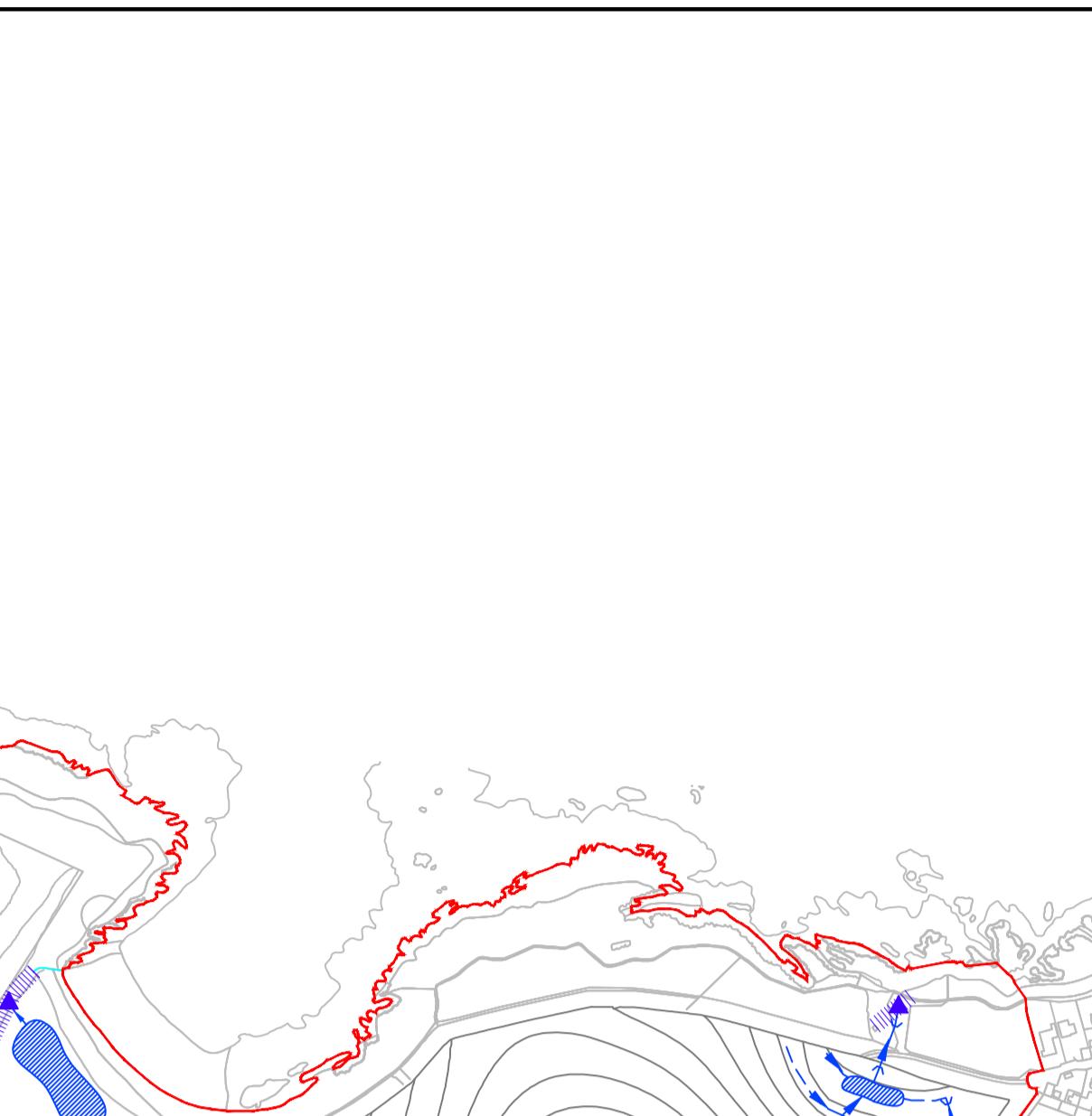
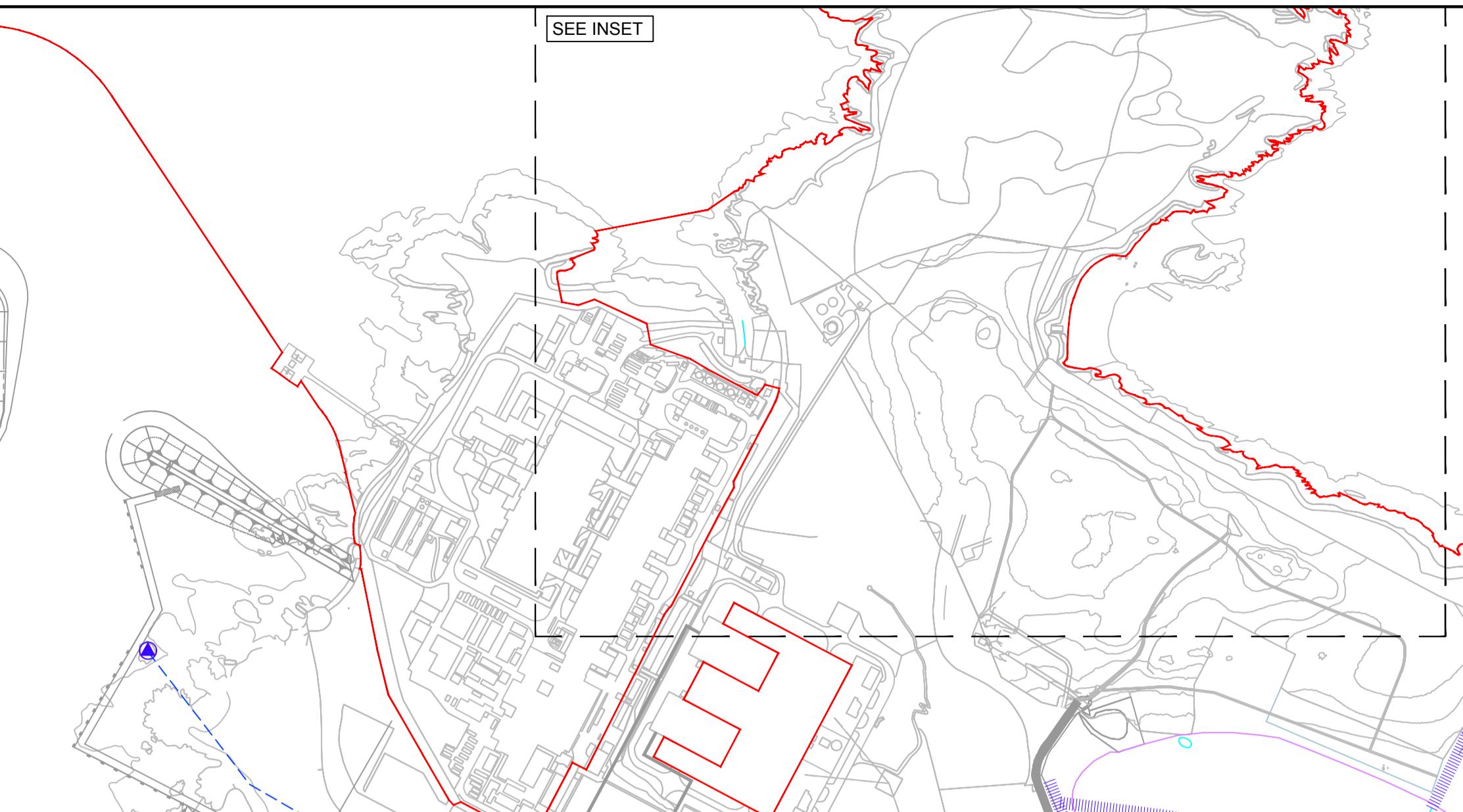
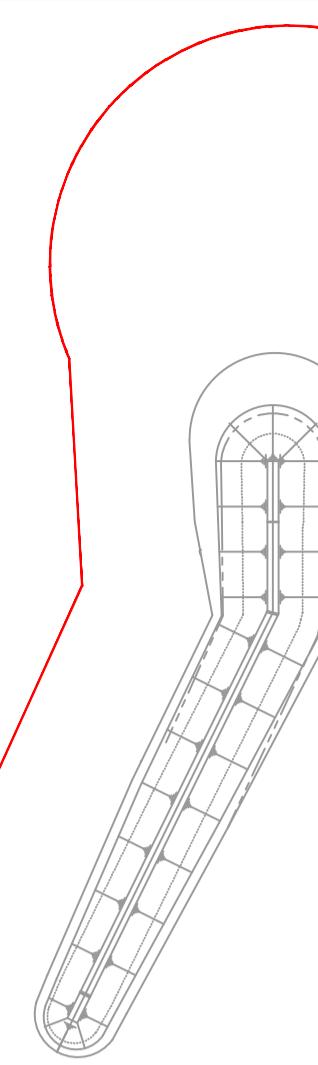
SEE INSET

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

NOT PROTECTIVELY MARKED

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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INSET

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	HNWL	HNWL	HNWL
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
DRAINAGE DESIGN
OVERVIEW**

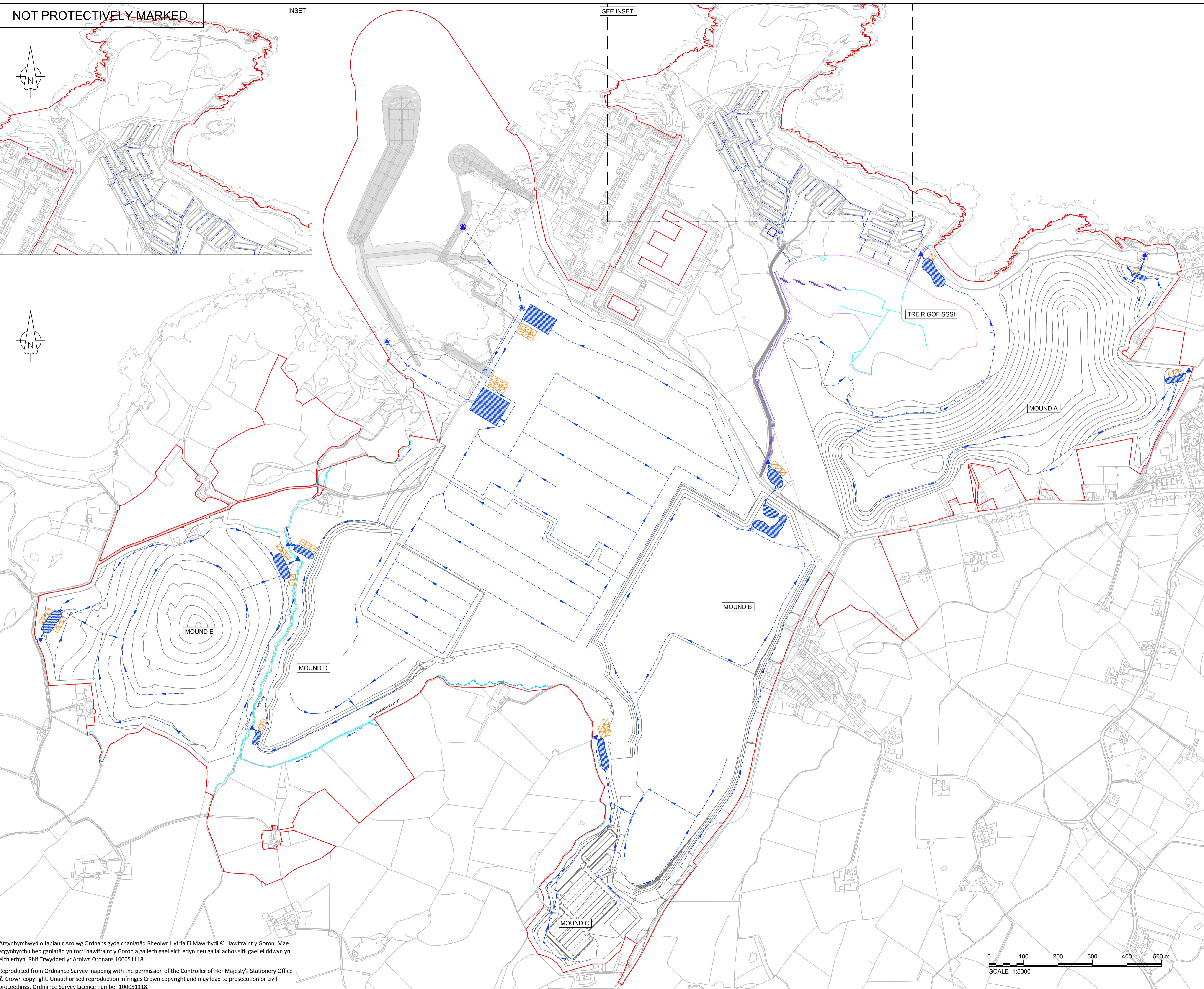
Regulation 5 (2) (o)

Security Status
NOT PROTECTIVELY MARKED

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

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

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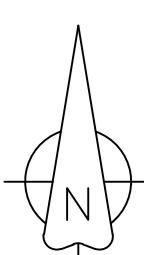
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0 100 200 300 400 500 m

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



LEGEND

Order Limits



1.0	MARCH 2018	FOR DCO SUBMISSION	HNPWL	HNPVL	HNPVH
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 KEY PLAN					
Regulation 5 (4)					
Security Status					
NOT PROTECTIVELY MARKED					
Scale					
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Drawing Number					
WN0902-HZDCO-LFM-DRG-00030					
Rev					
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Drawing Number					
1:5000					
Sheet Size					
A0					
Sheets (s)					
1 of 1					

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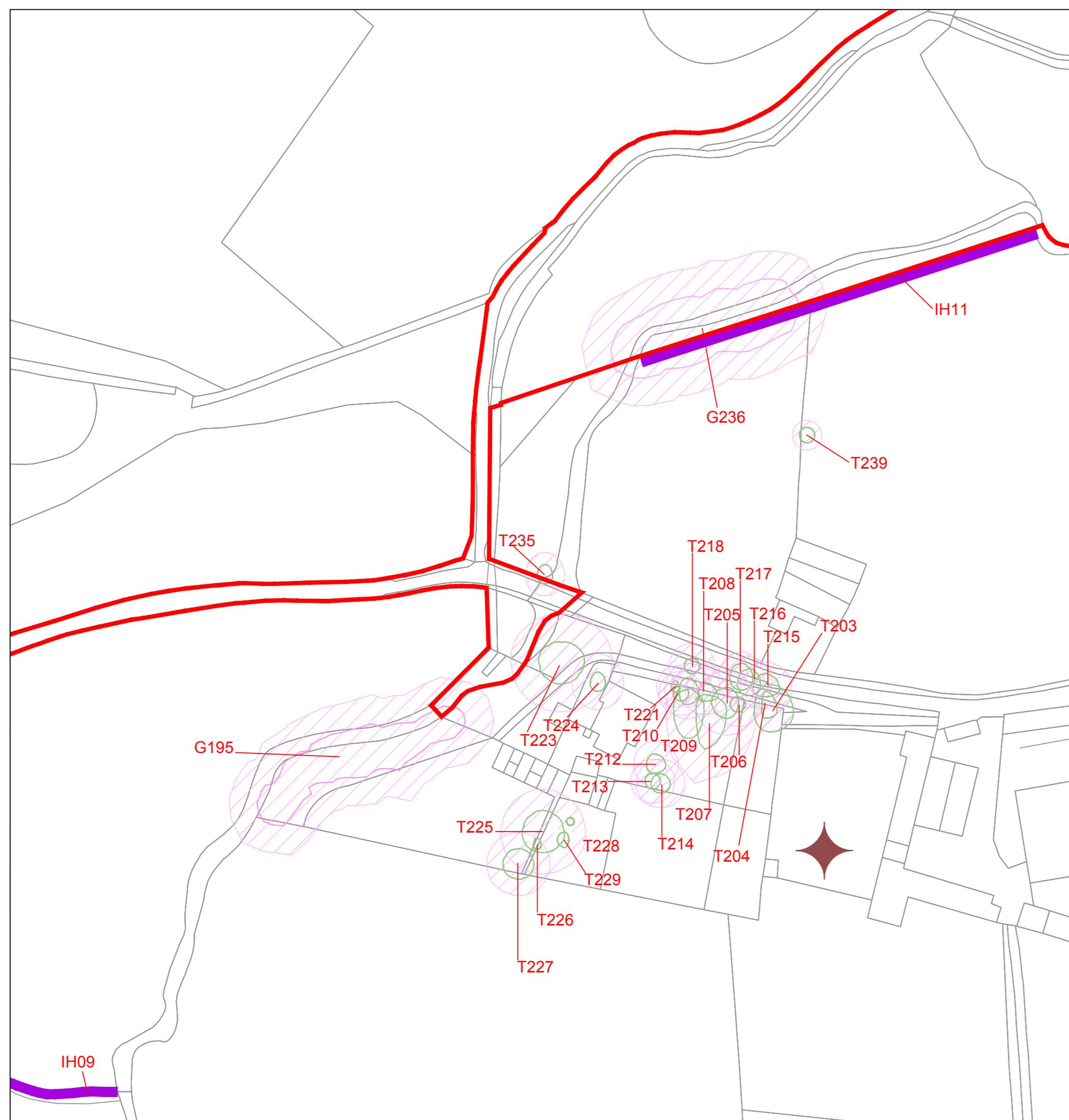
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0 100 200 300 400 500 m

SCALE 1:5000

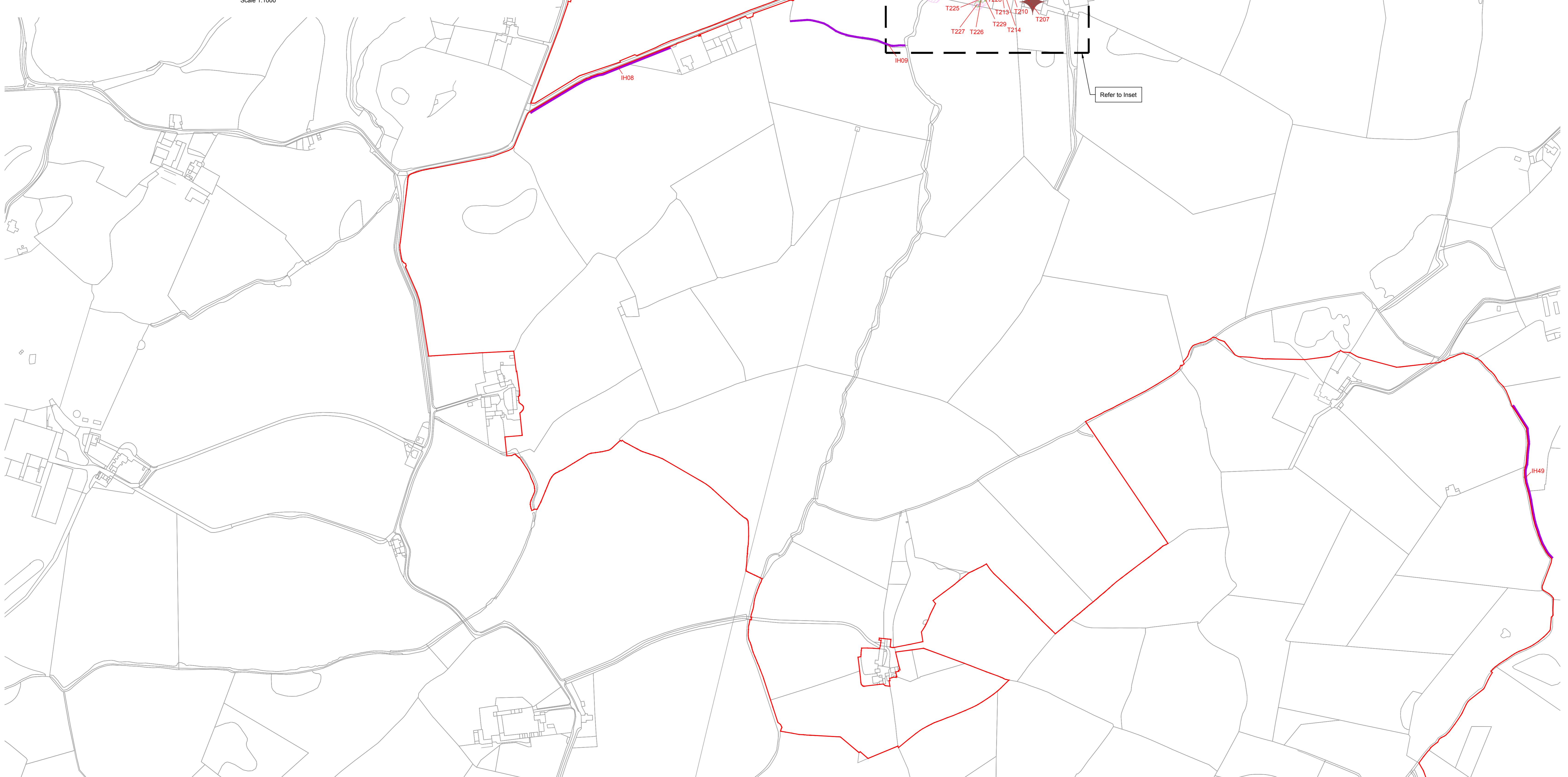
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INSET

Scale 1:1000



PLAN

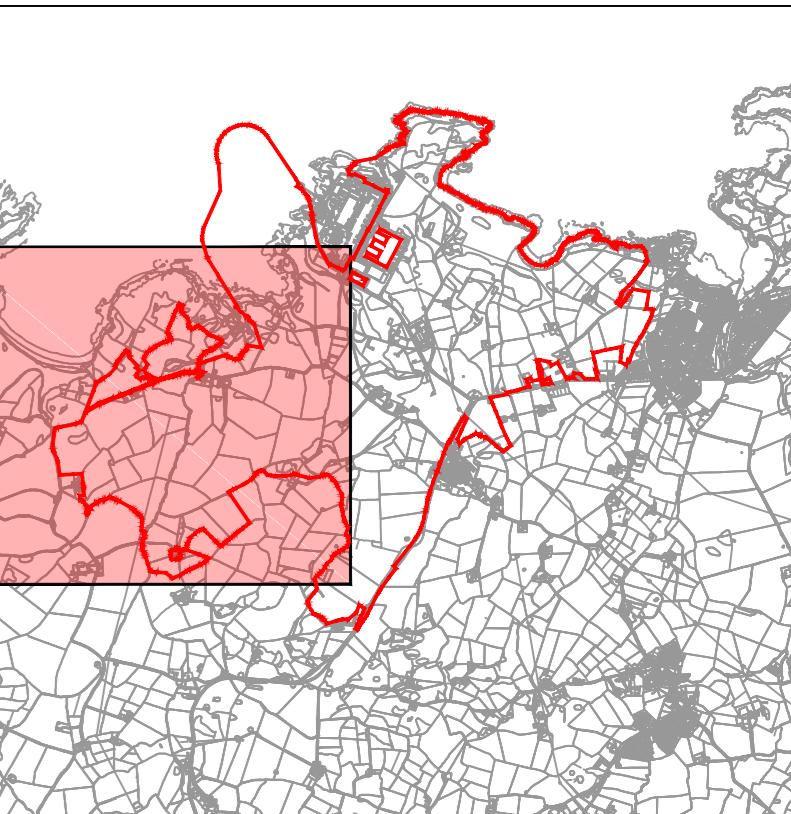
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Alwynhyrwyd o fapiau'r Arolwg Ordnans gyda chaniatâd Rheolwr Llyfrfa El Mawrhydi © Hawlfraint y Goron.
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0 10 20 30 40 50 60 70 80 90 100m
SCALE 1:1000

0 50 100 150 200 250m
SCALE 1:2500



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 Batbarn / 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 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 1

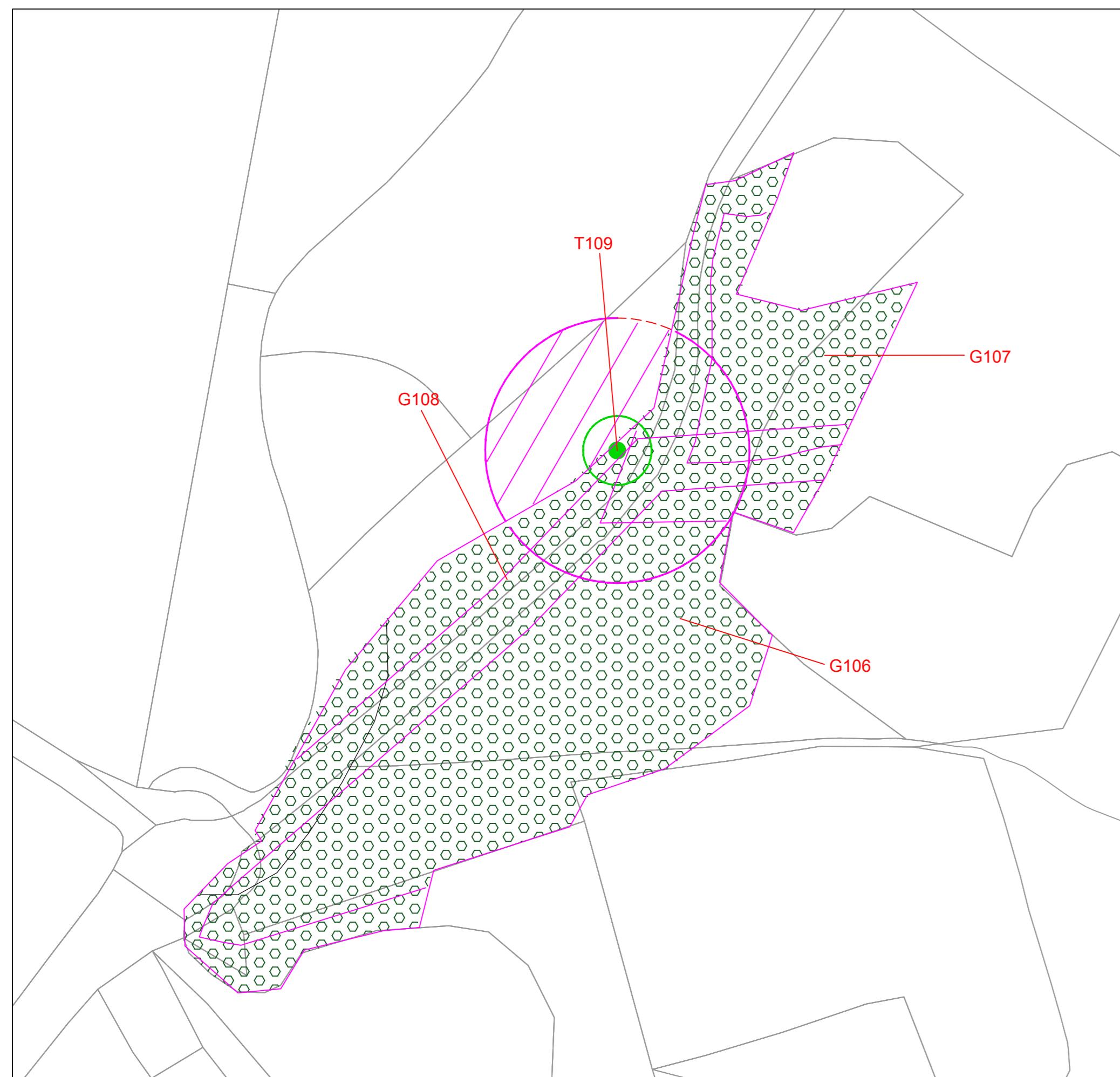
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Security Status NOT PROTECTIVELY MARKED

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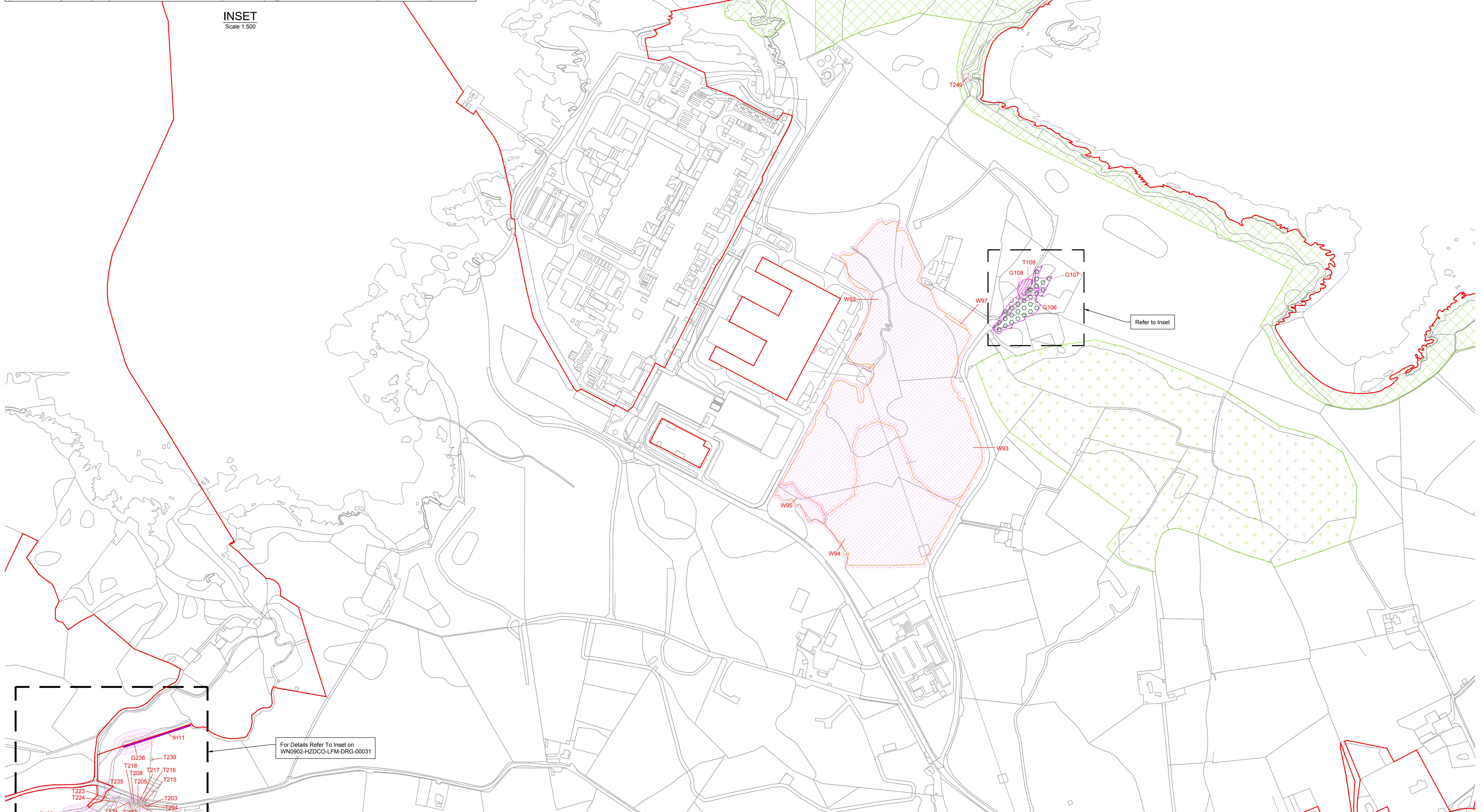
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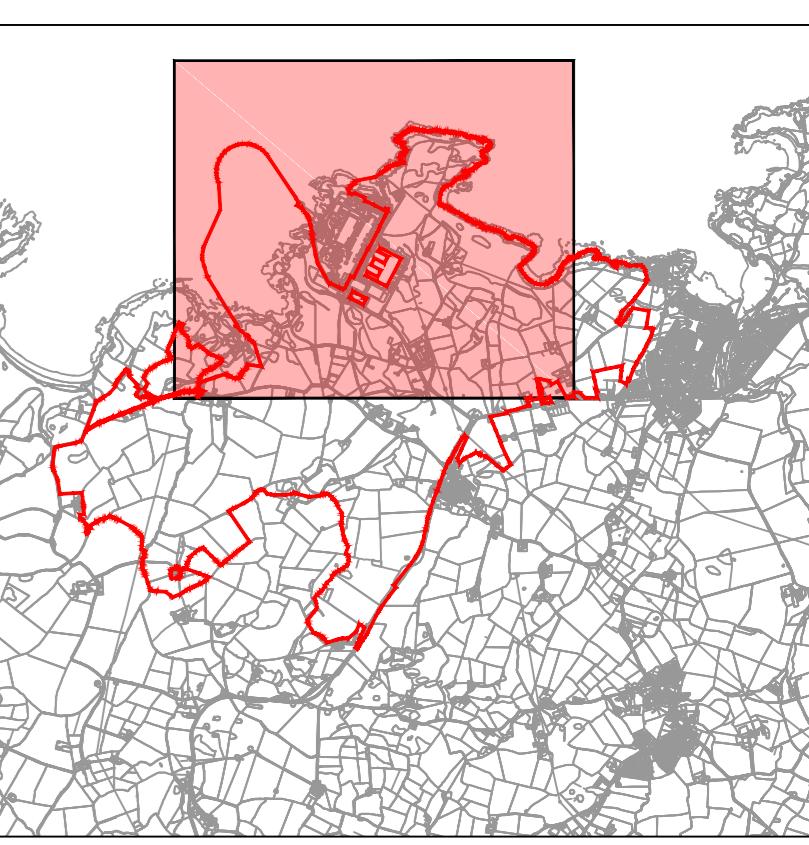
INSET

Scale 1:500



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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 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	HNPML
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Approved

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Project

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DCO PROJECT

Drawing Title
WYLFA NEWYDD DEVELOPMENT AREA
LANDSCAPING RETENTION PLAN
SHEET 2

Regulation 5 (2) (a)

Security Status
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Scale
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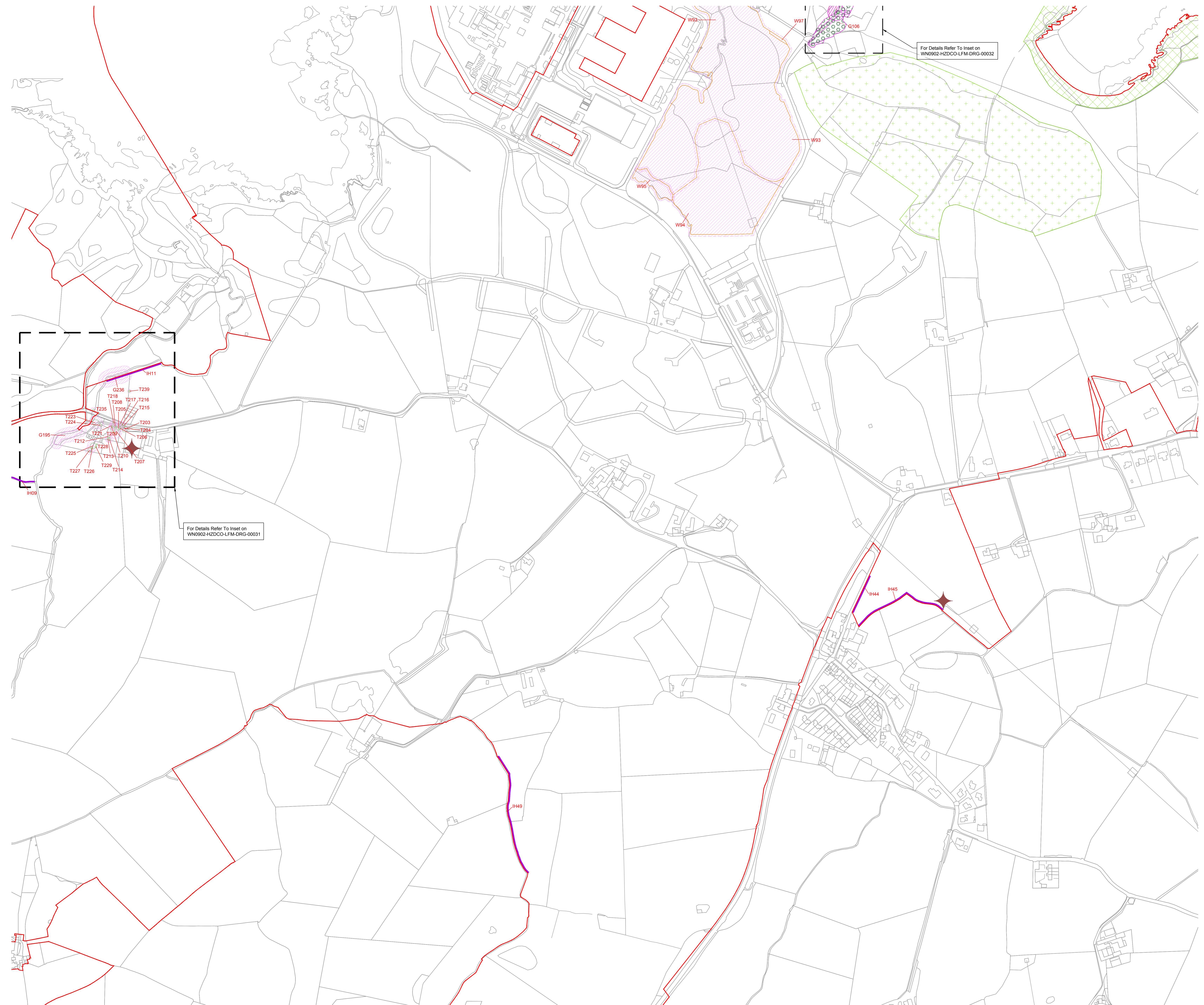
Sheet
As Shown

Sheet Size
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Sheets
1 of 1

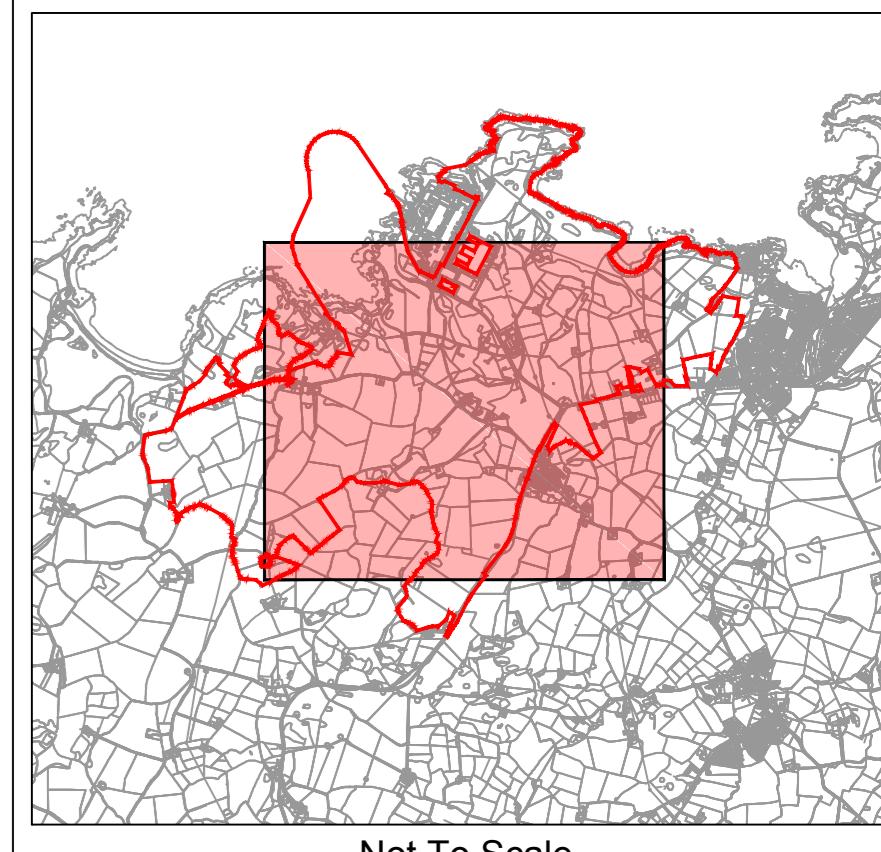
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NOTES

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- 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
- Ancient Woodland
- Boundary of Existing Chough Foraging Habitat (See note 4)
- Boundary of Existing Tre'r Gof Habitat (See note 4)
- Retained Bat Barn / 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

WYLAFA NEWYDD

DCO PROJECT

Drawing Title
WYLAFA NEWYDD DEVELOPMENT AREA
LANDSCAPING RETENTION PLAN
SHEET 3

Regulation 5 (2) (o)

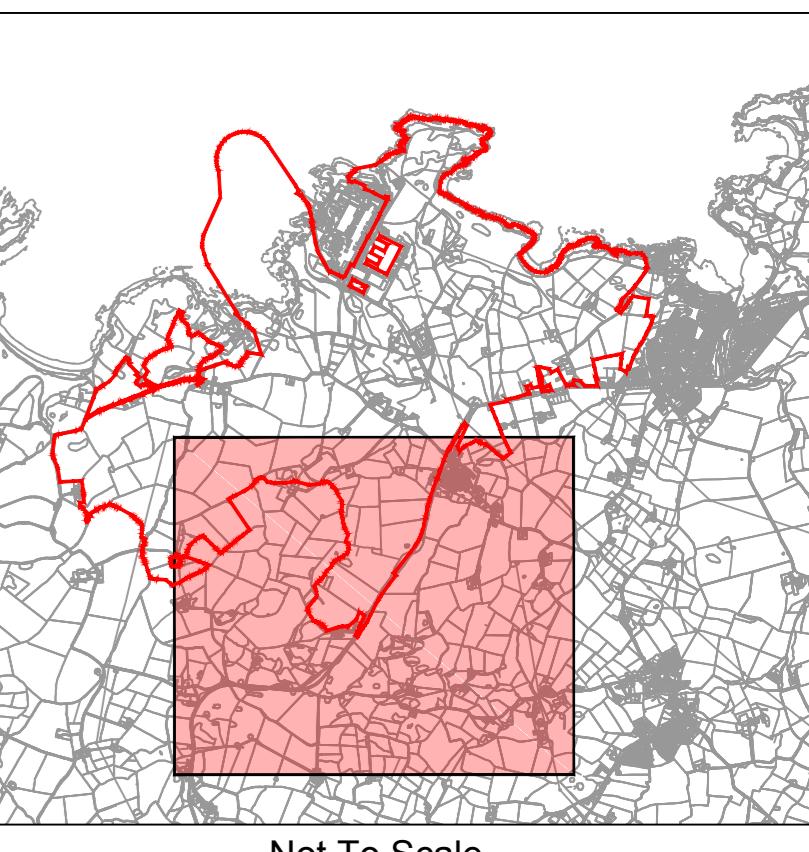
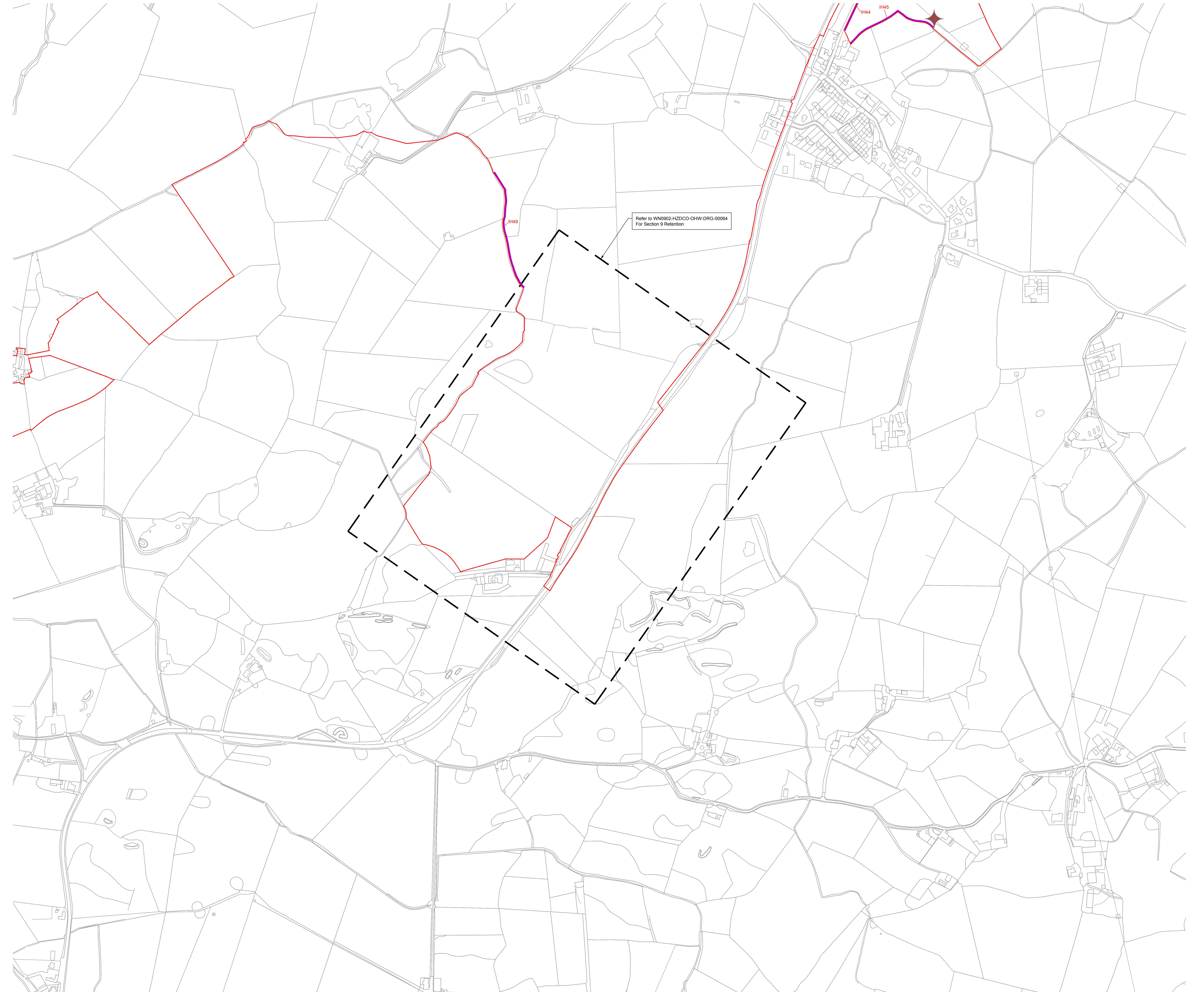
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NOTES

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

1.0	MAY 2018	FOR DCO SUBMISSION	HNPWL	HNPVL	HNPVH
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 4**

Regulation 5 (2) (o)

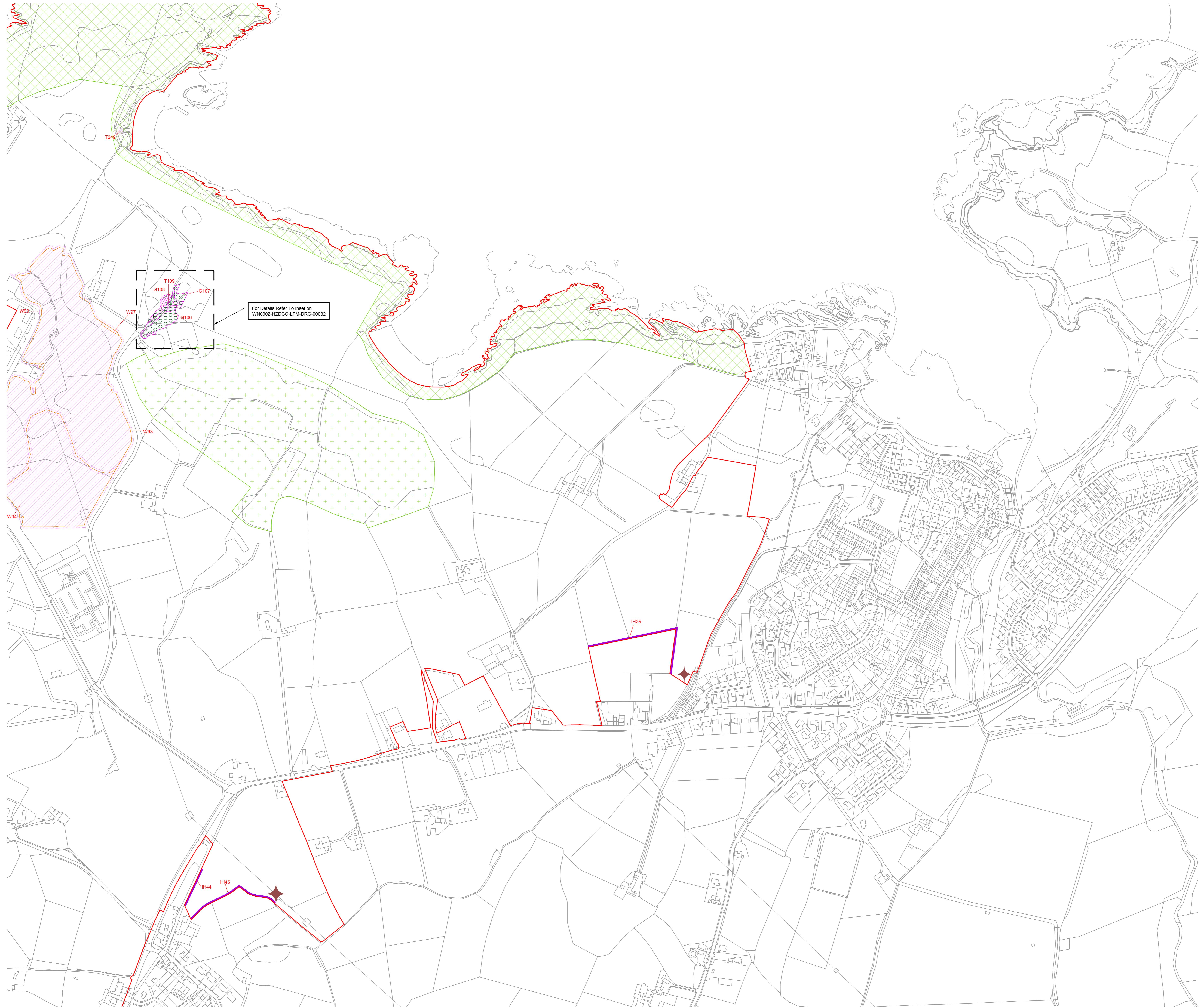
Security Status
NOT PROTECTIVELY MARKED

Scale
1:2500

Drawing Number
WNL0902-HZDCO-LFM-DRG-00034

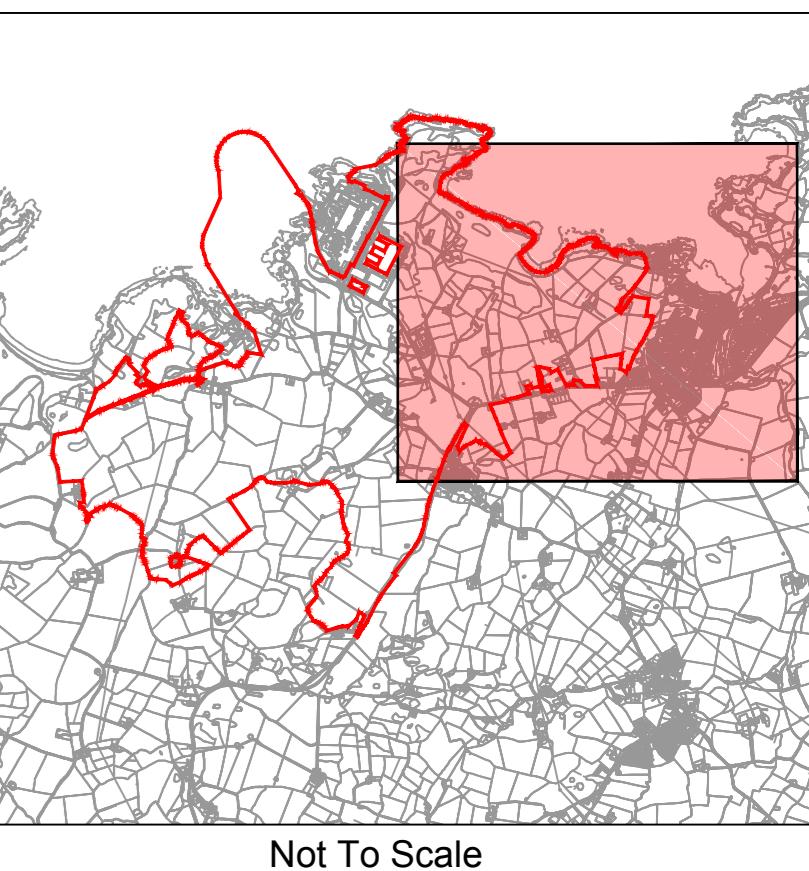
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NOTES

- 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
- 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	HNPVL	HNPVL
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Approved

FOR APPROVAL

HORIZON
NUCLEAR POWER

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Project
**WYLFA NEWYDD
DCO PROJECT**

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

Regulation 5 (2) (o)

Security Status
NOT PROTECTIVELY MARKED

Scale
1:2500

Drawing Number
WN0902-HZDCO-LFM-DRG-00035

Rev
1.0

Sheet Size
AU

Sheets
1 of 1

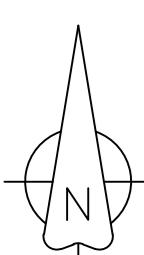
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
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Refer to drawing WN0902-HZDCO-LFM-DRG-00038 for sheet 2



LEGEND

Order Limits



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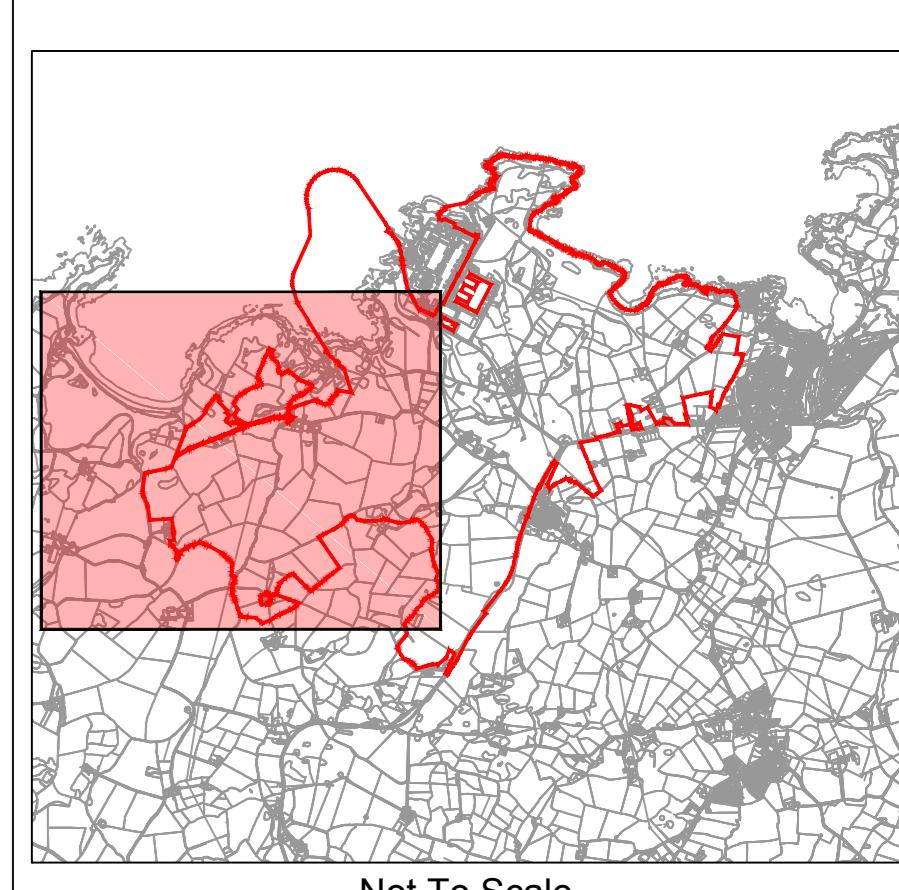
1.0	MARCH 2018	FOR DCO SUBMISSION	HNPWL	HNPVL	HNPVH
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Approved
FOR INFORMATION					
HORIZON NUCLEAR POWER					
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Project					
WYLFA NEWYDD DCO PROJECT					
Drawing Title					
WYLFA NEWYDD DEVELOPMENT AREA IMPORTANT HEDGEROW REMOVAL KEY PLAN					
Regulation 5 (4)					
Security Status					
NOT PROTECTIVELY MARKED					
Drawing Number					
1:5000					
Sheet Size					
AU					
Sheets (s)					
1 of 1					
Drawing Number					
WN0902-HZDCO-LFM-DRG-00036					
Scale					
0 100 200 300 400 500 m					
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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
 IH 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

FOR APPROVAL

HORIZON
NUCLEAR POWER

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Project
**WYLFA NEWYDD
DCO PROJECT**

Drawing Title
**WYLFA NEWYDD DEVELOPMENT AREA
IMPORTANT HEDGEROW REMOVAL
SHEET 1**

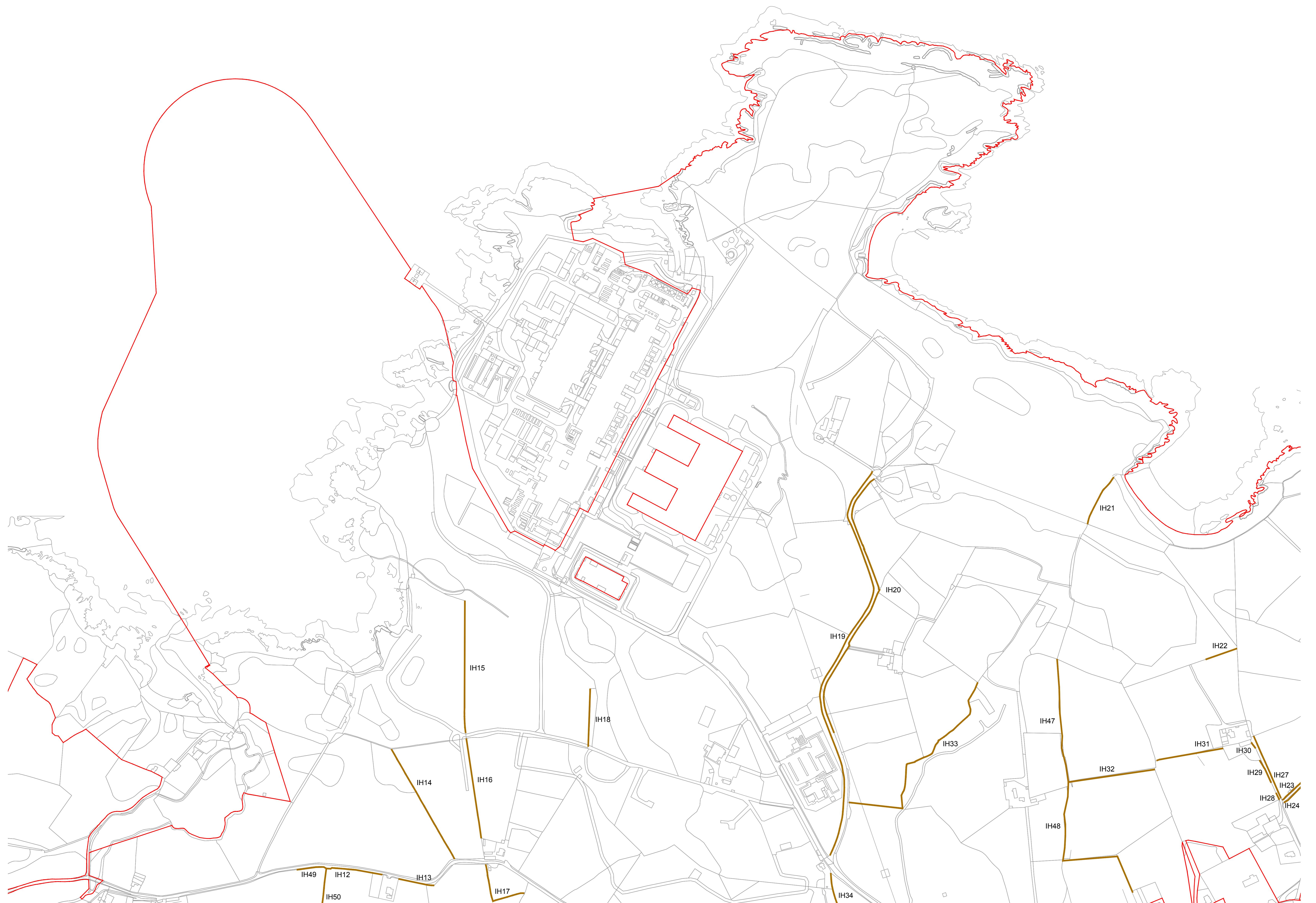
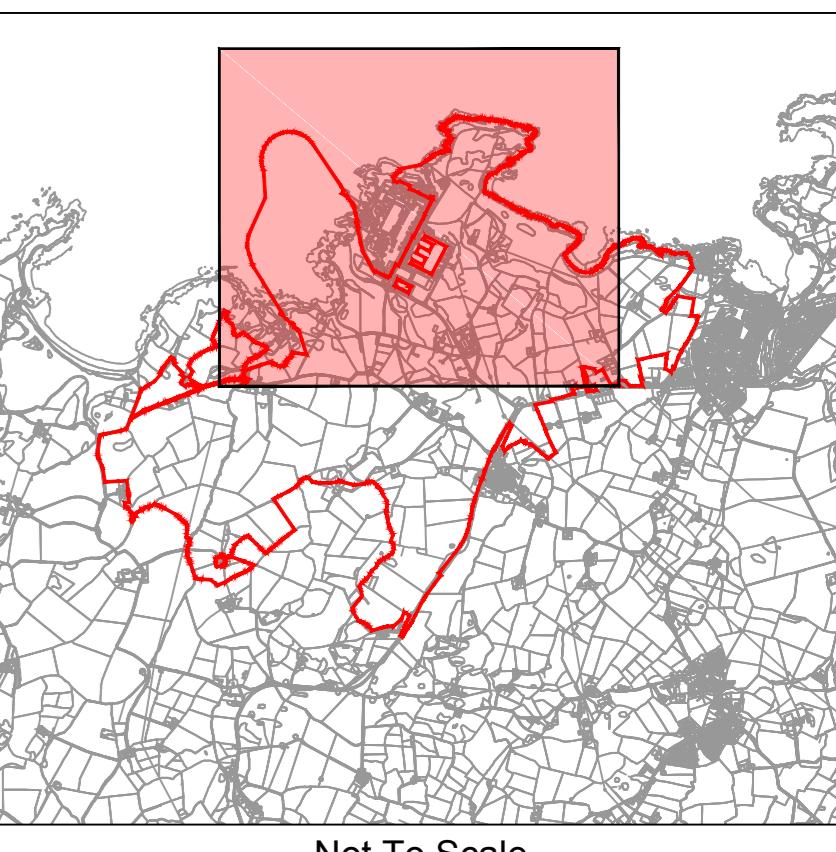
Regulation 5 (2) (o)

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Scale 1:2500 Sheet Size A0 Sheets 1 Rev 1.0

Drawing Number WNO902-HZDCO-LFM-DRG-00037

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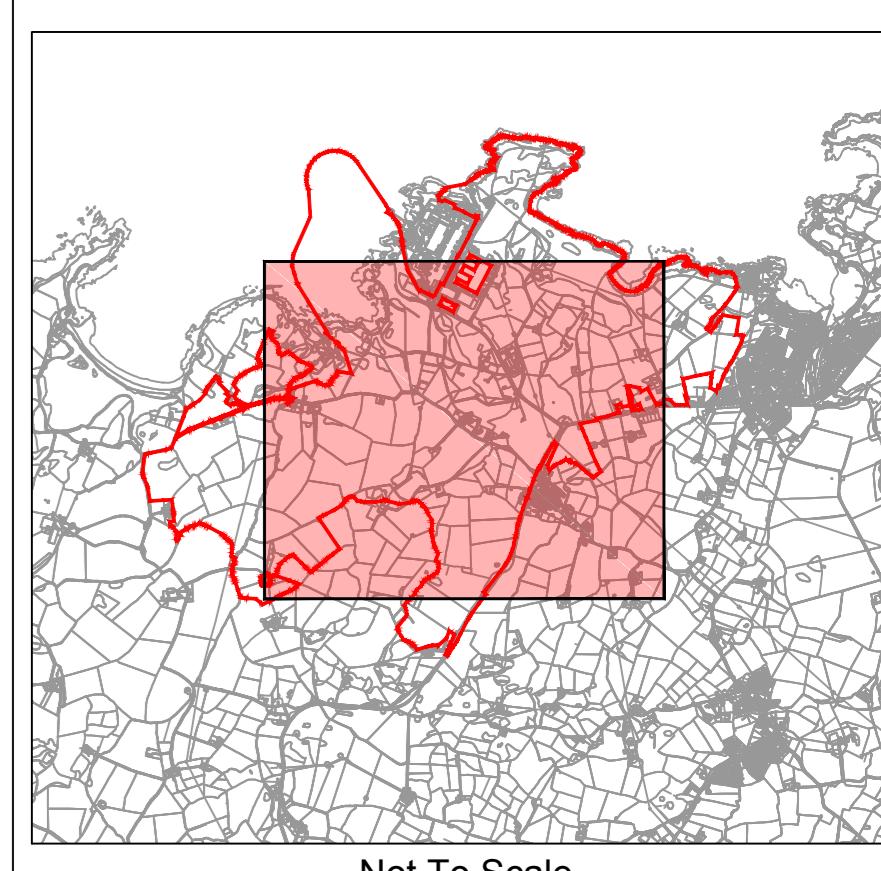
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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Approved
FOR APPROVAL					
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WYLFA NEWYDD DCO PROJECT					
Drawing Title WYLFA NEWYDD DEVELOPMENT AREA IMPORTANT HEDGEROW REMOVAL SHEET 2					
Regulation 5 (2) (o) Security Status NOT PROTECTIVELY MARKED					
Scale 1:2500 Sheet Size A0 Sheets 1 Rev 1.0 Drawing Number WNO902-HZDCO-LFM-DRG-00038 <small>© Copyright Horizon Nuclear Power Wylfa Limited. Not to be reproduced (in full or part) without prior permission of Horizon Nuclear Power Wylfa Limited.</small>					



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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 (Hedgerow Regulations 1997)
 IH□ To be removed

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

FOR APPROVAL

HORIZON

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Project

WYLFA NEWYDD

DCO PROJECT

Drawing Title
WYLFA NEWYDD DEVELOPMENT AREA
IMPORTANT HEDGEROW REMOVAL
SHEET 3

Regulation 5 (2) (o)

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Scale 1:2500 Sheet Size A0 Sheets 1 Rev 1.0

Drawing Number WNO902-HZDCO-LFM-DRG-00039

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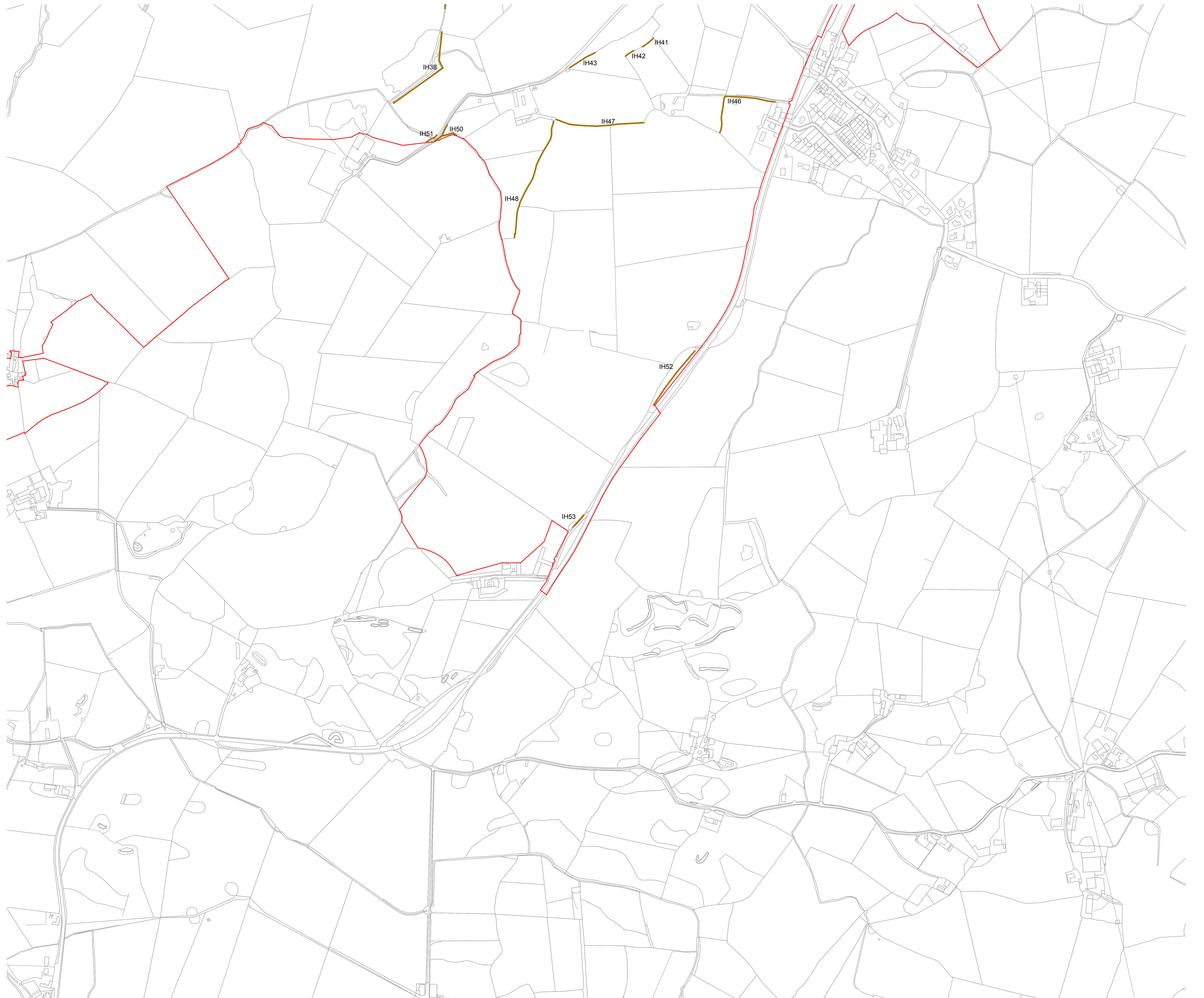
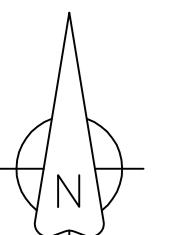
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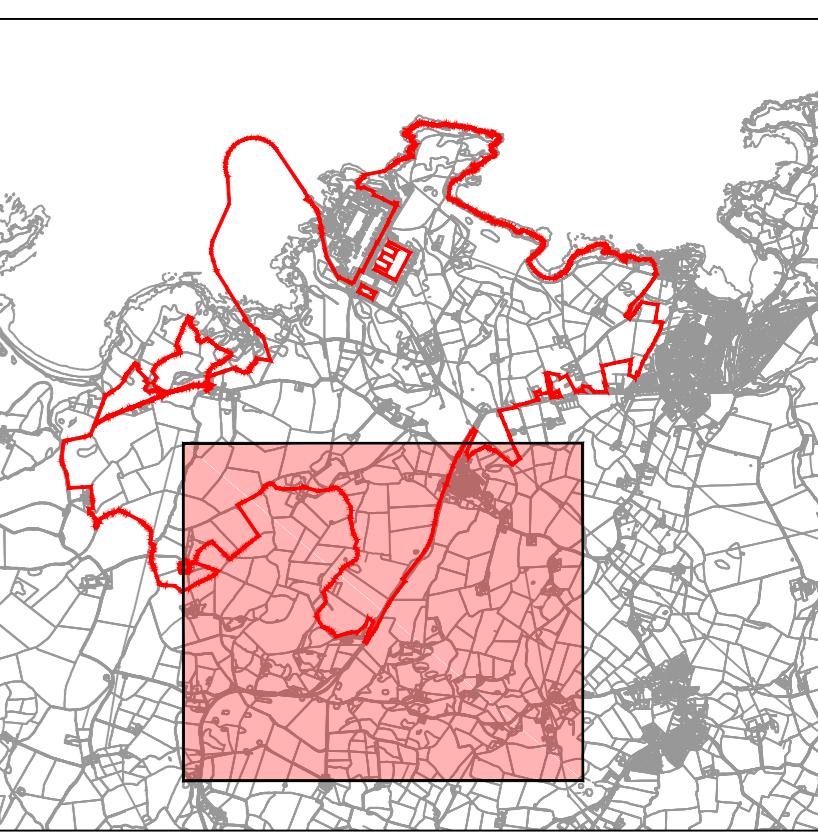
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OVERVIEW



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	HNPVH
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Approved

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HORIZON

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Project

WYLFA NEWYDD
DCO PROJECT

Drawing Title

WYLFA NEWYDD DEVELOPMENT AREA
IMPORTANT HEDGEROW REMOVAL
SHEET 4

Regulation 5 (2) (o)

Security Status NOT PROTECTIVELY MARKED

Scale 1:2500

Drawing Number 12500

Sheet Size A0

Sheets 1 of 1

Rev 1.0

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1.0

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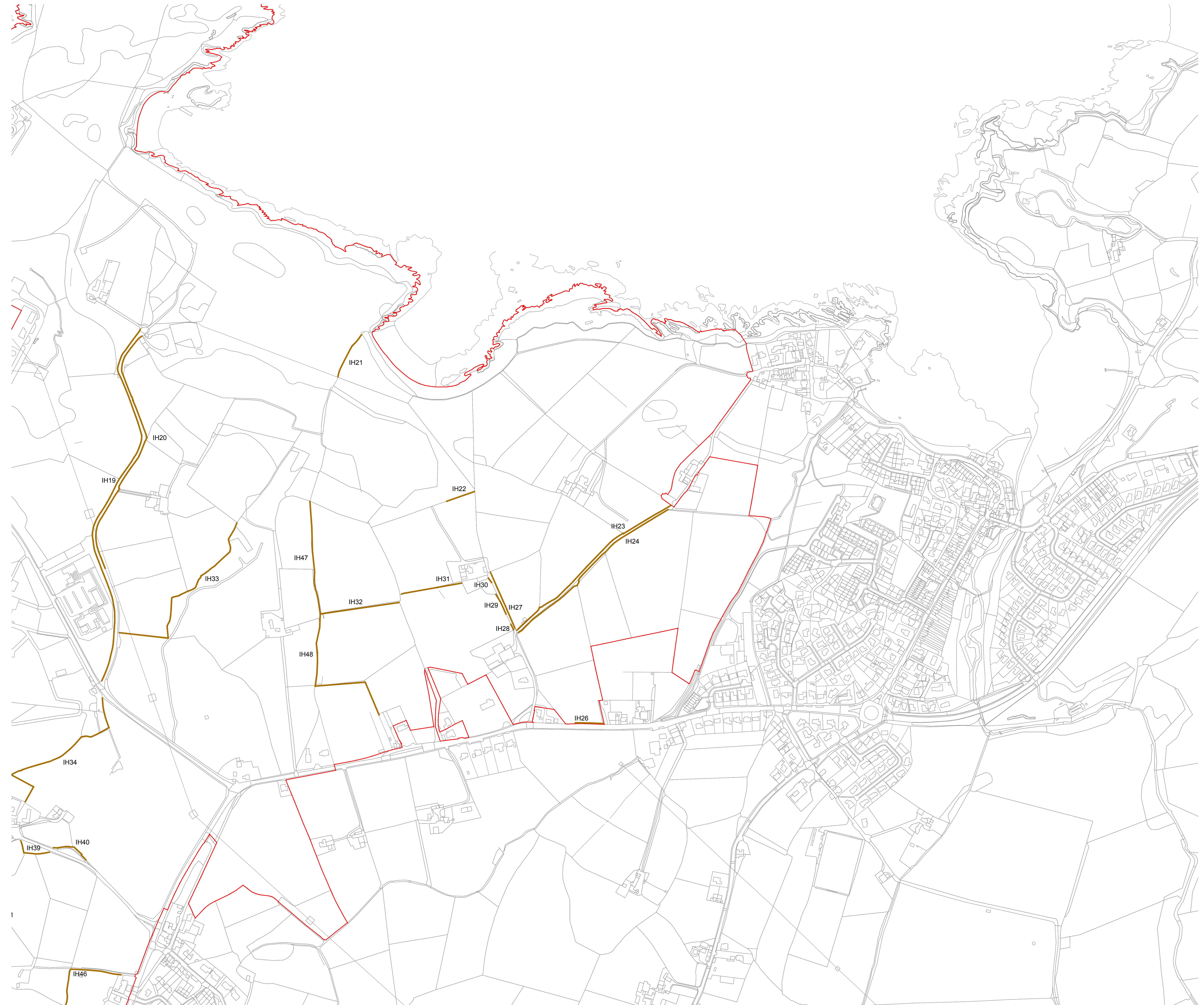
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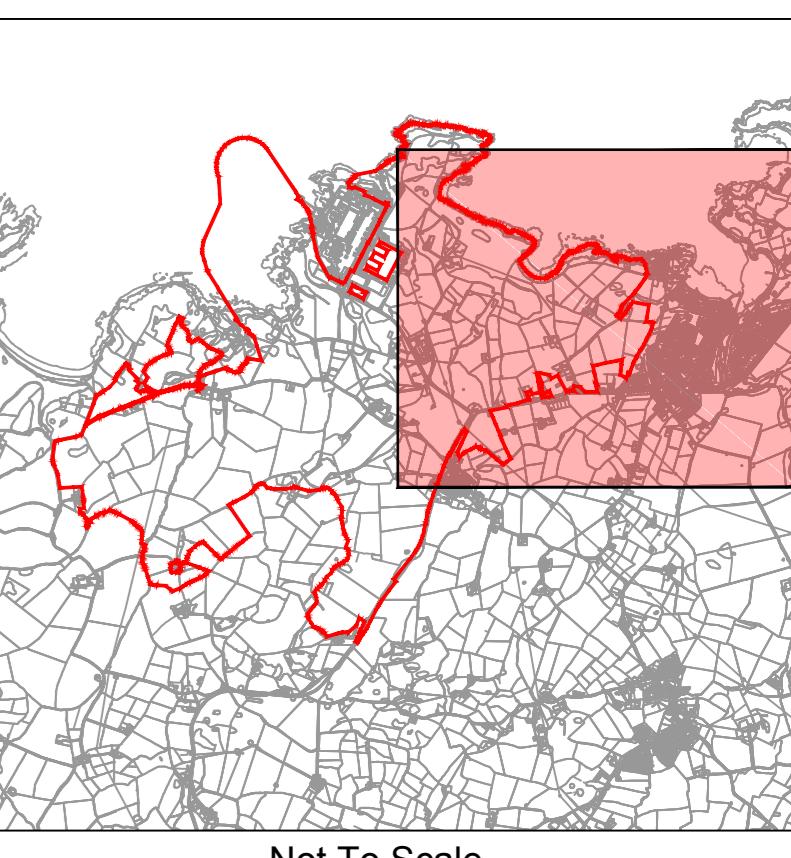
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NOTES

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2. Additional features may be present on site that have not been identified on the topographical plan.
3. Important Hedgerow Reference Number (see Schedule 18 of the draft DCO (Application Reference Number: 3.1).

LEGEND

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

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

FOR APPROVAL

HORIZON
NUCLEAR POWER

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Project

WYLFA NEWYDD
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

Drawing Number 1.2500 Sheet Size A0 Sheets 1 Rev 1.0

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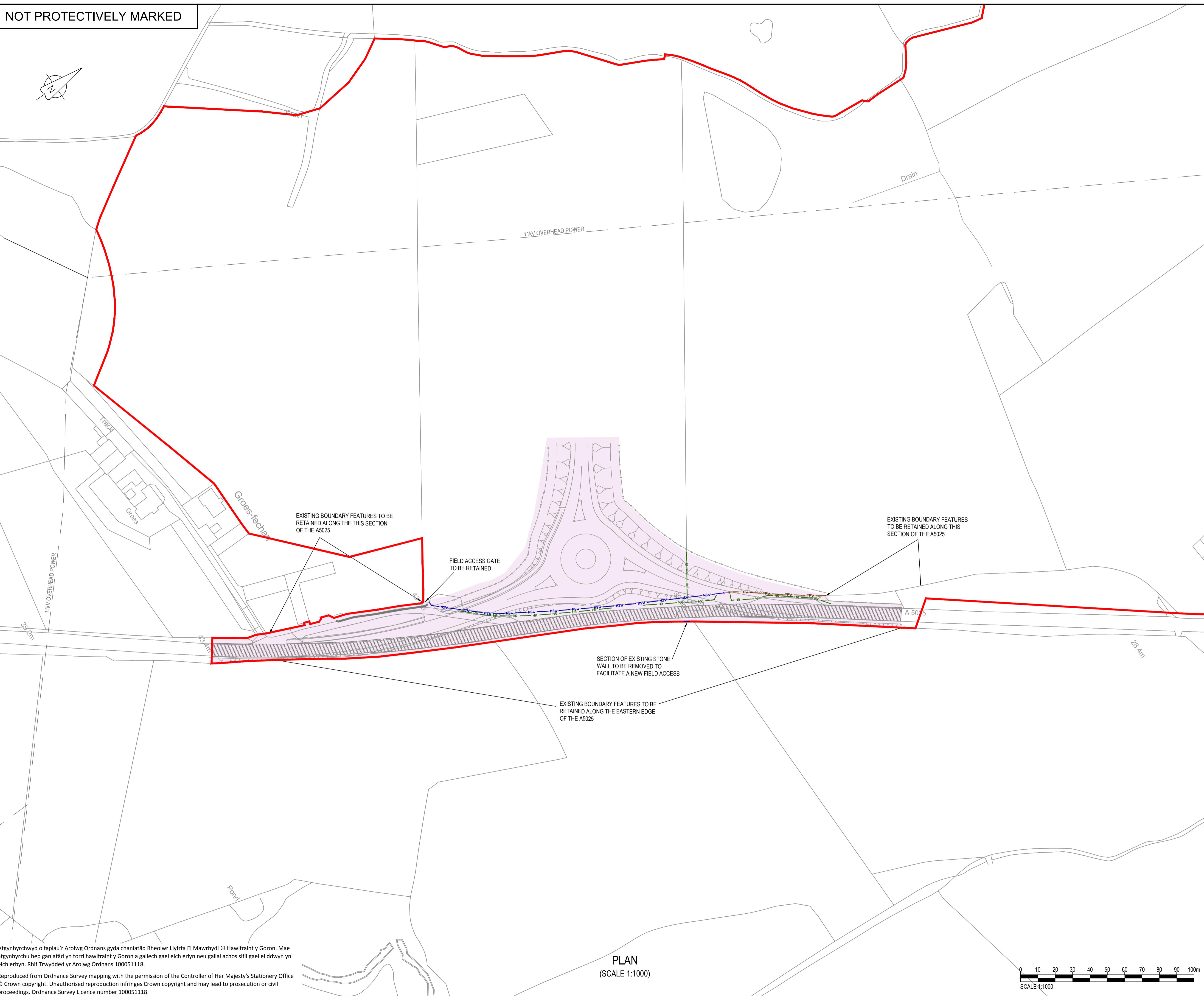
NOT PROTECTIVELY MARKED

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 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. 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
Rev Rev. Date Purpose of revision Drawn Checkd Apprvd

FOR APPROVAL

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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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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

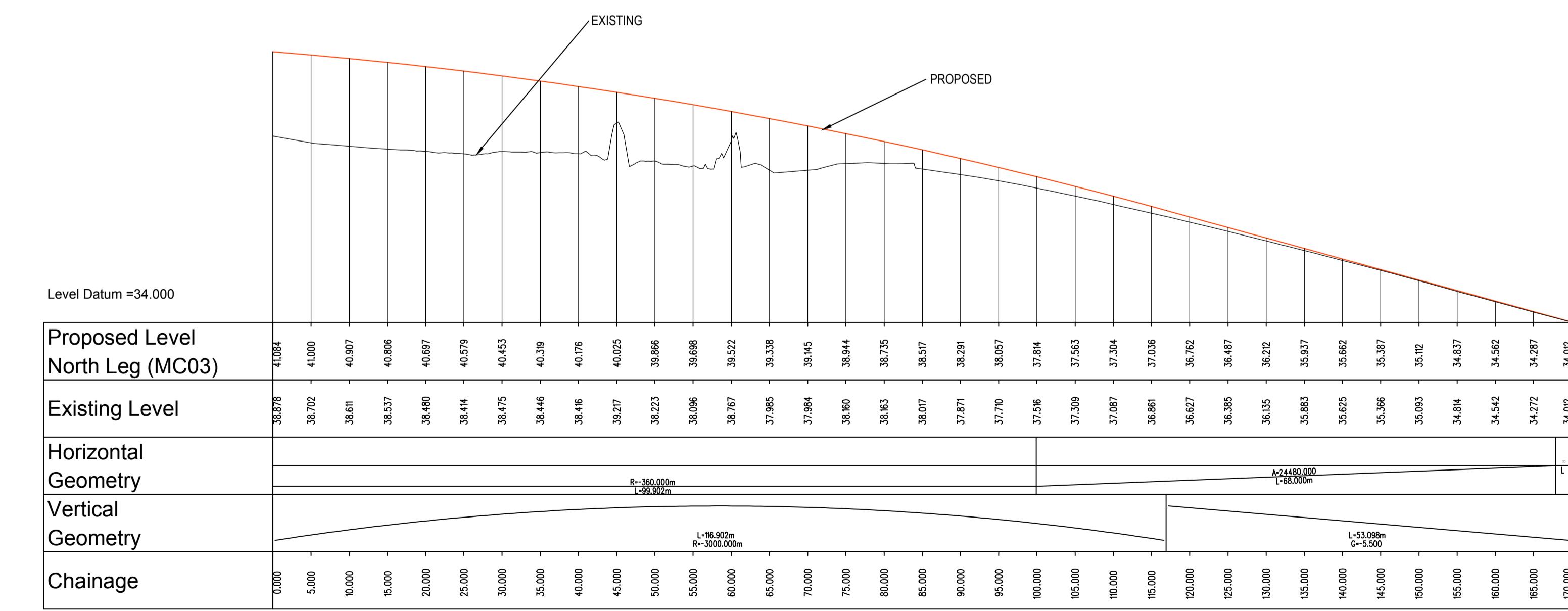
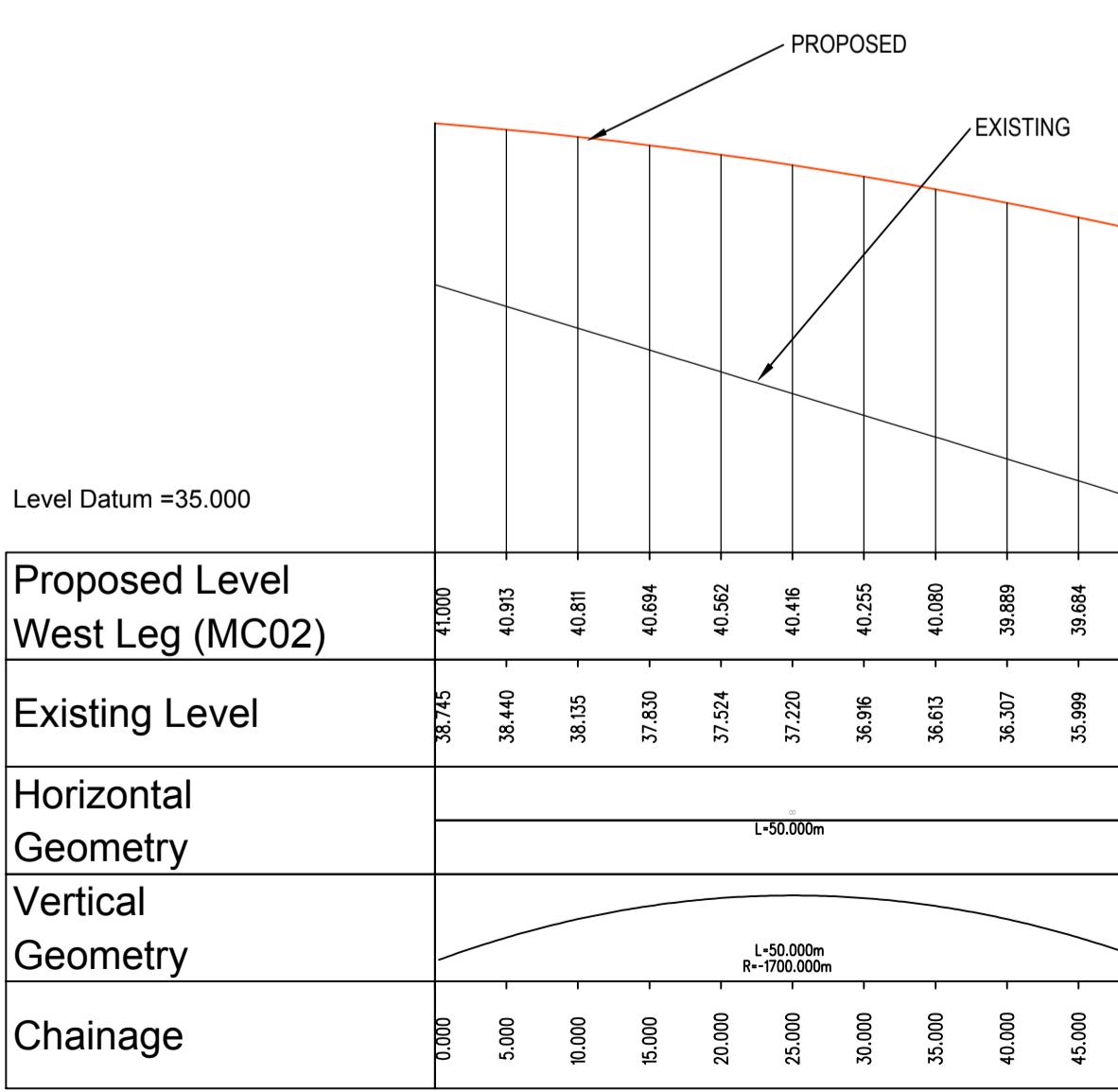
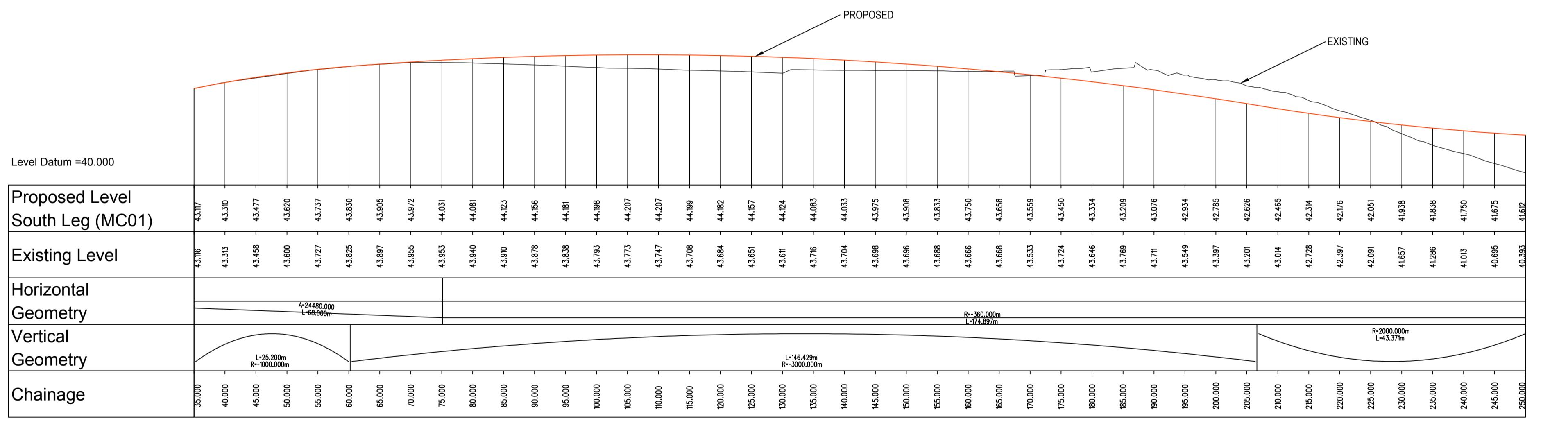
- Order Limits
- Proposed highway boundary fence
- Proposed catchpit
- Proposed carrier drain
- Proposed kerb drain

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PLAN

(SCALE 1:100)



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

HORIZON

Enterprise House, 1420 Charlton Court, Gloucester Business Park, Gloucester, GL3 4AE.

WYLFA NEWYDD DCO PROJECT

Drawing Title

A5025 OFF-LINE HIGHWAY IMPROVEMENTS

SECTION 9 -

POWER STATION ACCESS ROAD JUNCTION

PROPOSED DRAINAGE PLAN

NOT PROTECTIVELY MARKED					
Scale	AS SHOWN	Sheet Size	A1	Sheet(s)	1 of 1
Drawing Number					Rev
WN0902-HZDCO-OHW-DRG-00065					1.0

NOT PROTECTIVELY MARKED

NOTES

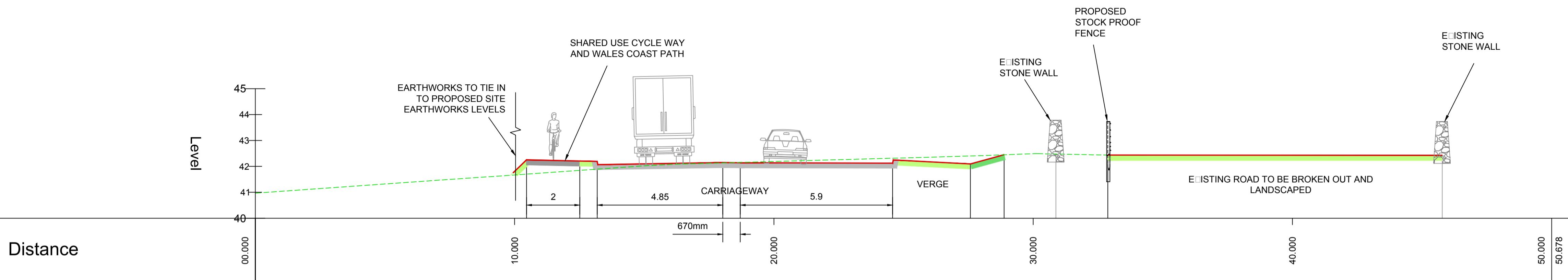
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2. All dimensions in metres unless stated otherwise.

LEGEND

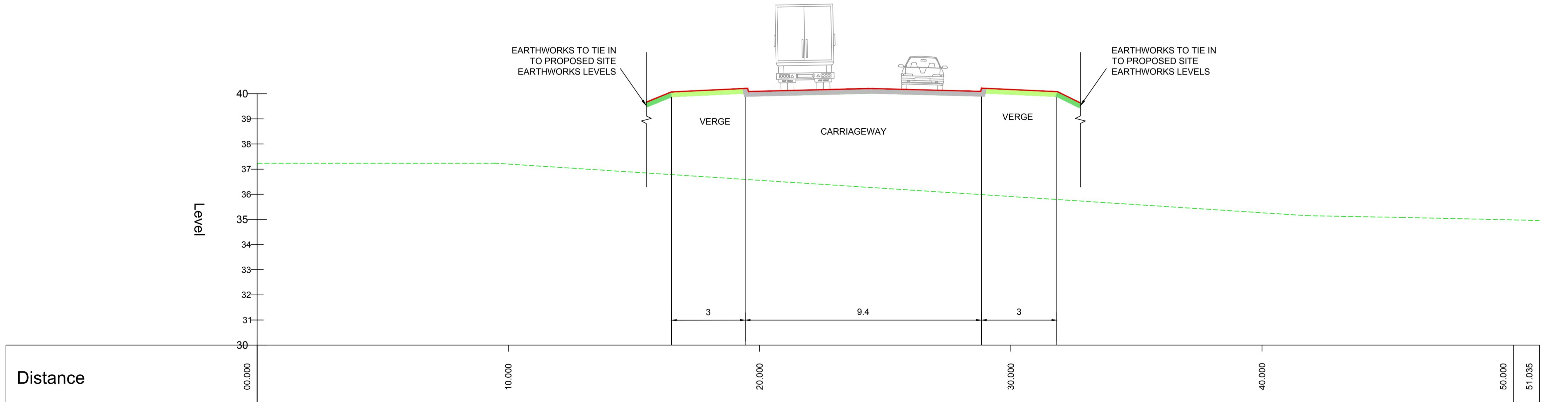
Proposed levels
Existing levels

REFERENCE DRAWINGS

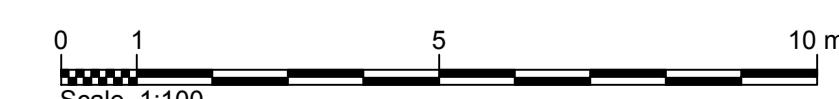
WN0902-H2DCO-OHW-DRG-00063 - A5025 OFF-LINE HIGHWAYS IMPROVEMENTS SECTION 9 - SITE ACCESS PROPOSED GENERAL ARRANGEMENT



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



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



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

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Project	WYLFA NEWYDD DCO PROJECT		
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Drawing Title	A5025 OFF-LINE HIGHWAY IMPROVEMENTS SECTION 9 -		
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POWER STATION ACCESS ROAD JUNCTION			
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PROPOSED CROSS SECTION 9A-A & 9B-B			
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Regulation 5 (2) (o)			
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Scale	1:100	Sheet Size	A1	Sheet(s)	1 OF 1
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Drawing Number				Rev	1.0
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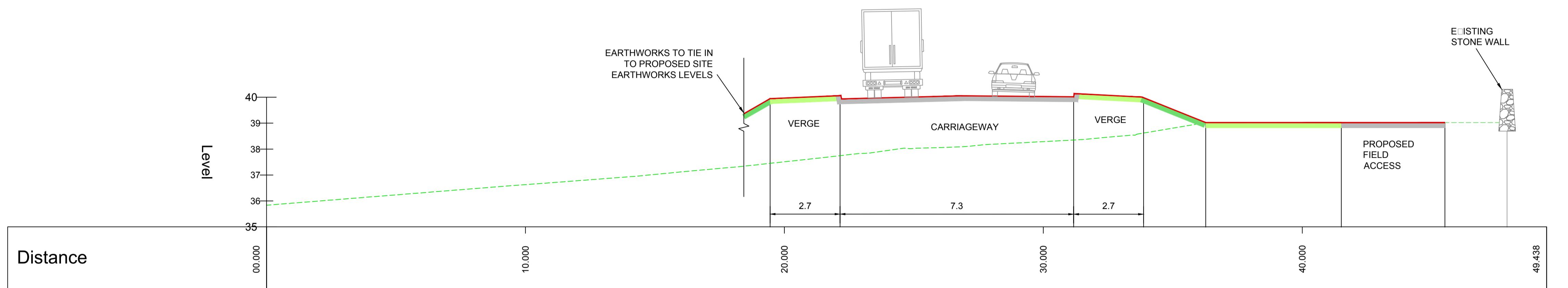
NOTES
 1. All levels in metres unless stated otherwise.
 2. All dimensions in metres unless stated otherwise.

LEGEND

Proposed levels
 Existing levels

REFERENCE DRAWINGS

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



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

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
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 DCO PROJECT**

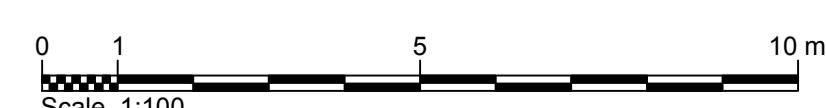
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**A5025 OFF-LINE HIGHWAY IMPROVEMENTS
 SECTION 9 -
 POWER STATION ACCESS ROAD JUNCTION
 PROPOSED CROSS SECTION 9C-C
 Regulation 5 (2) (o)**

Security Status
NOT PROTECTIVELY MARKED

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

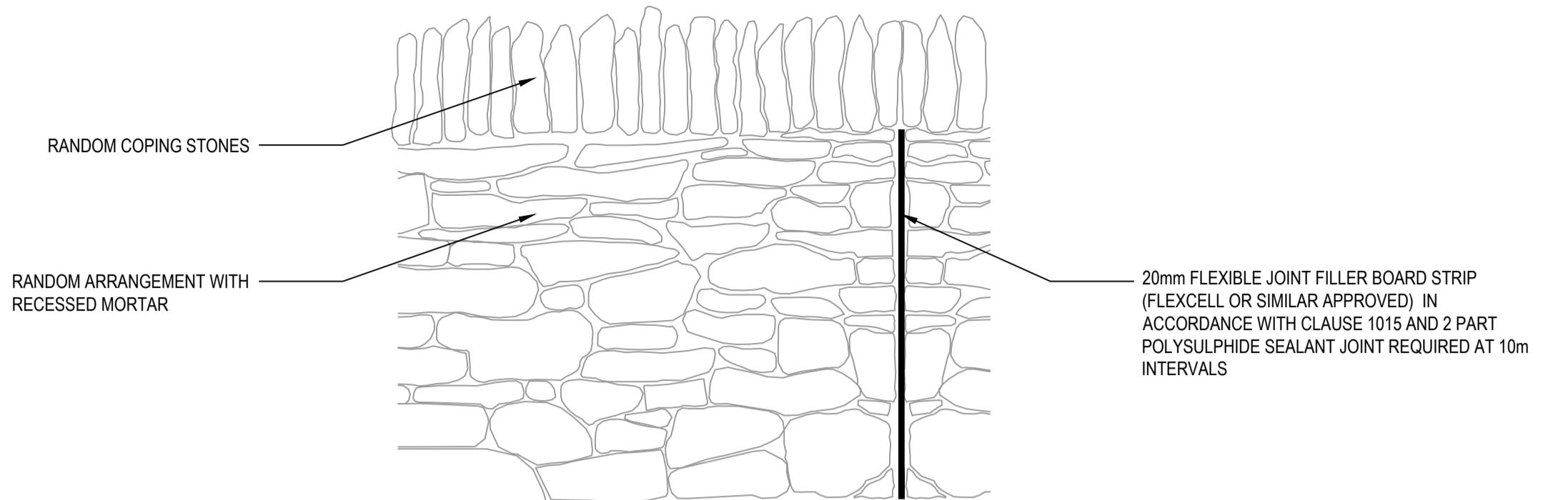
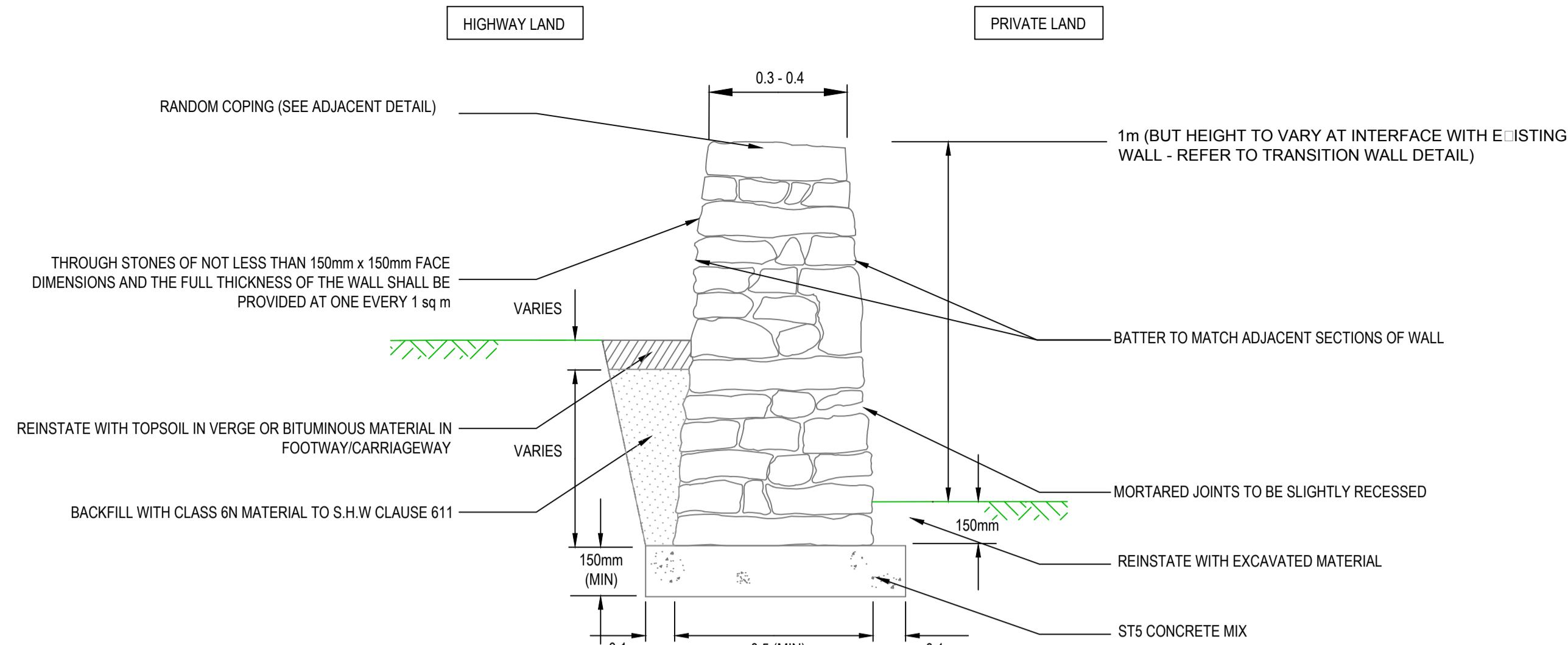
Drawing Number Rev

WN0902-HZDCO-OHW-DRG-00067 1.0



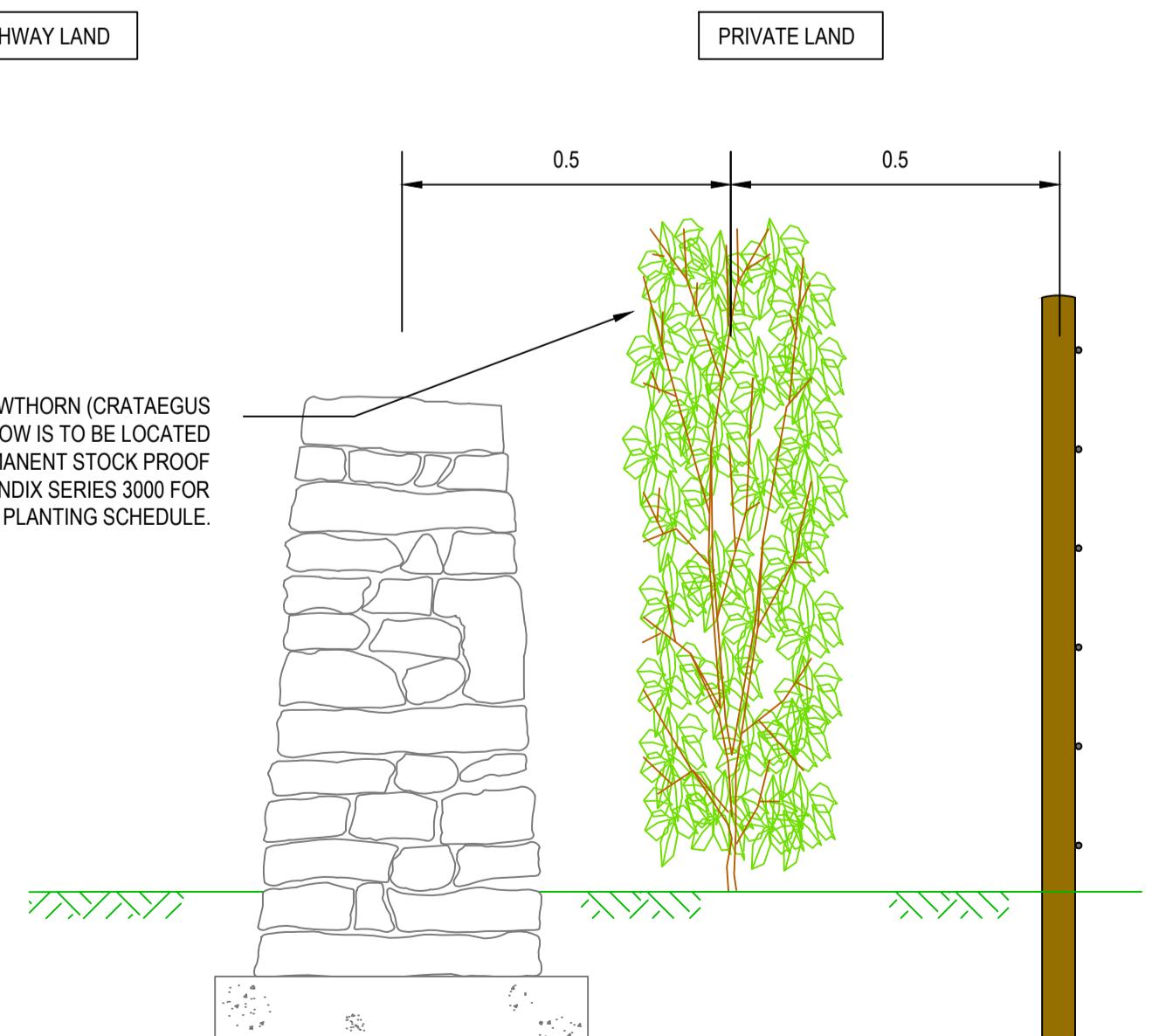
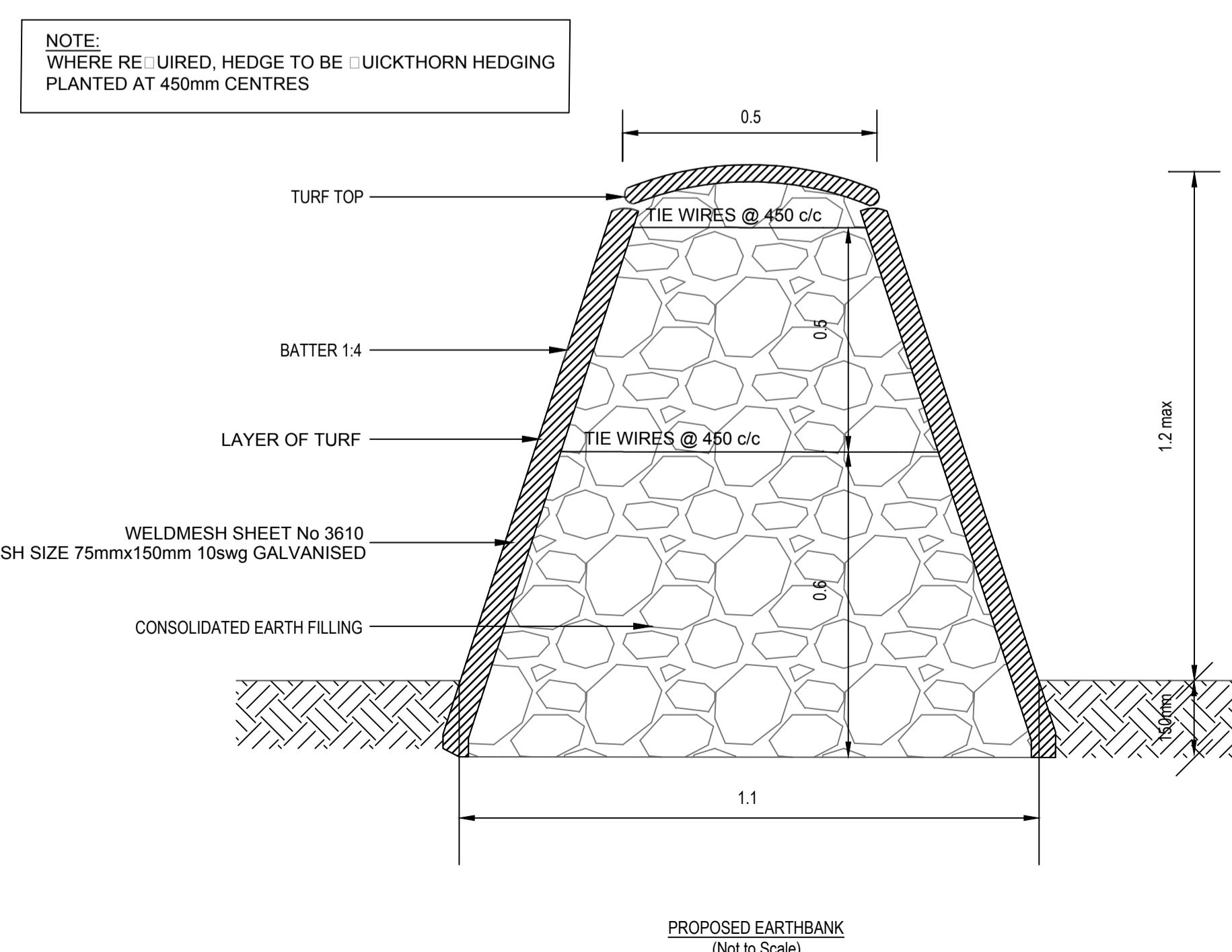
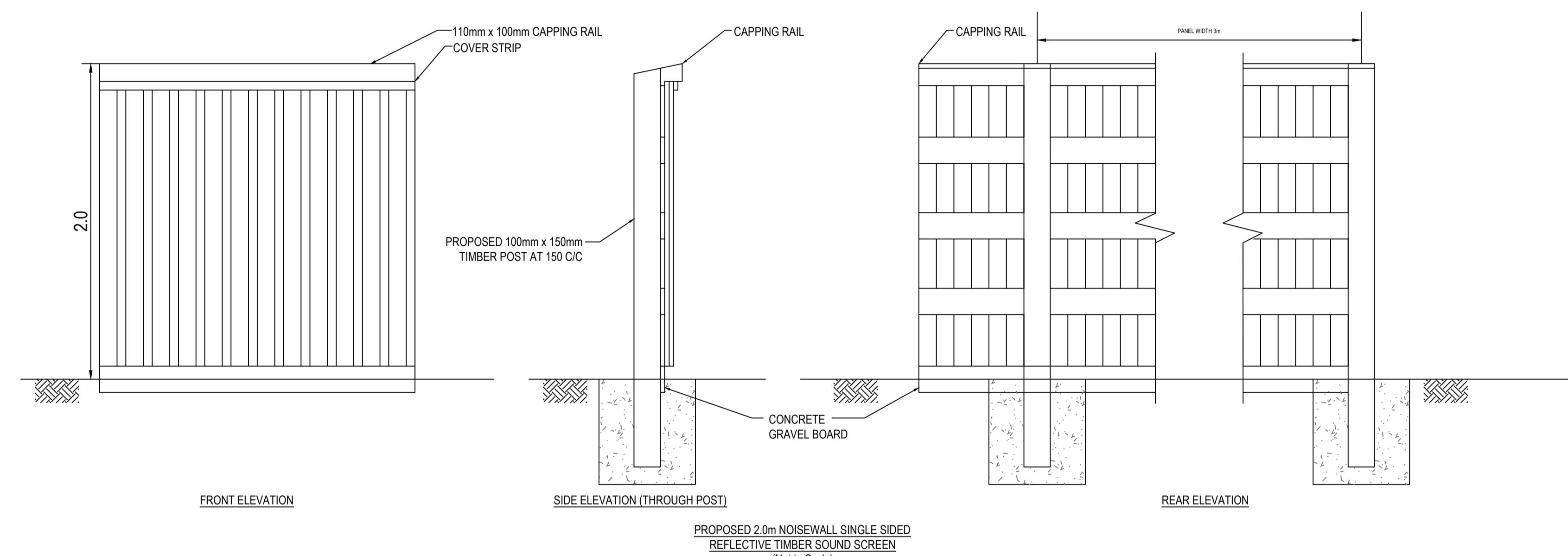
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NOT PROTECTIVELY MARKED



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

PROPOSED MORTARED STONE WALL (ELEVATION) (Not
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.
4. For details of timber post & 4 rail fences refer to DMRB MCHW standard detail H3.
5. For details of proposed vehicular field access gates refer to DMRB MCHW standard detail H17.
6. For details of timber wicket gate refer to DMRB MCHW standard detail H23.

MARCH 2018	FOR DCO SUBMISSION	HNPWL	HNPWL	HNPWL
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <i>Basis of revision</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <i>Characteristics</i>	<input checked="" type="checkbox"/>

ILLUSTRATIVE

HORIZON NUCLEAR POWER

Enterprise House, 1420 Charlton Court, Gloucester Business Park, Gloucester, GL3 4AE, UK

WYLFA NEWYDD PROJECT

ing Title

025 OFF-LINE HIGHWAY IMPROVEMENTS

STANDARD DETAILS

BOUNDARY DETAILS

Regulation 5 (2) (o)

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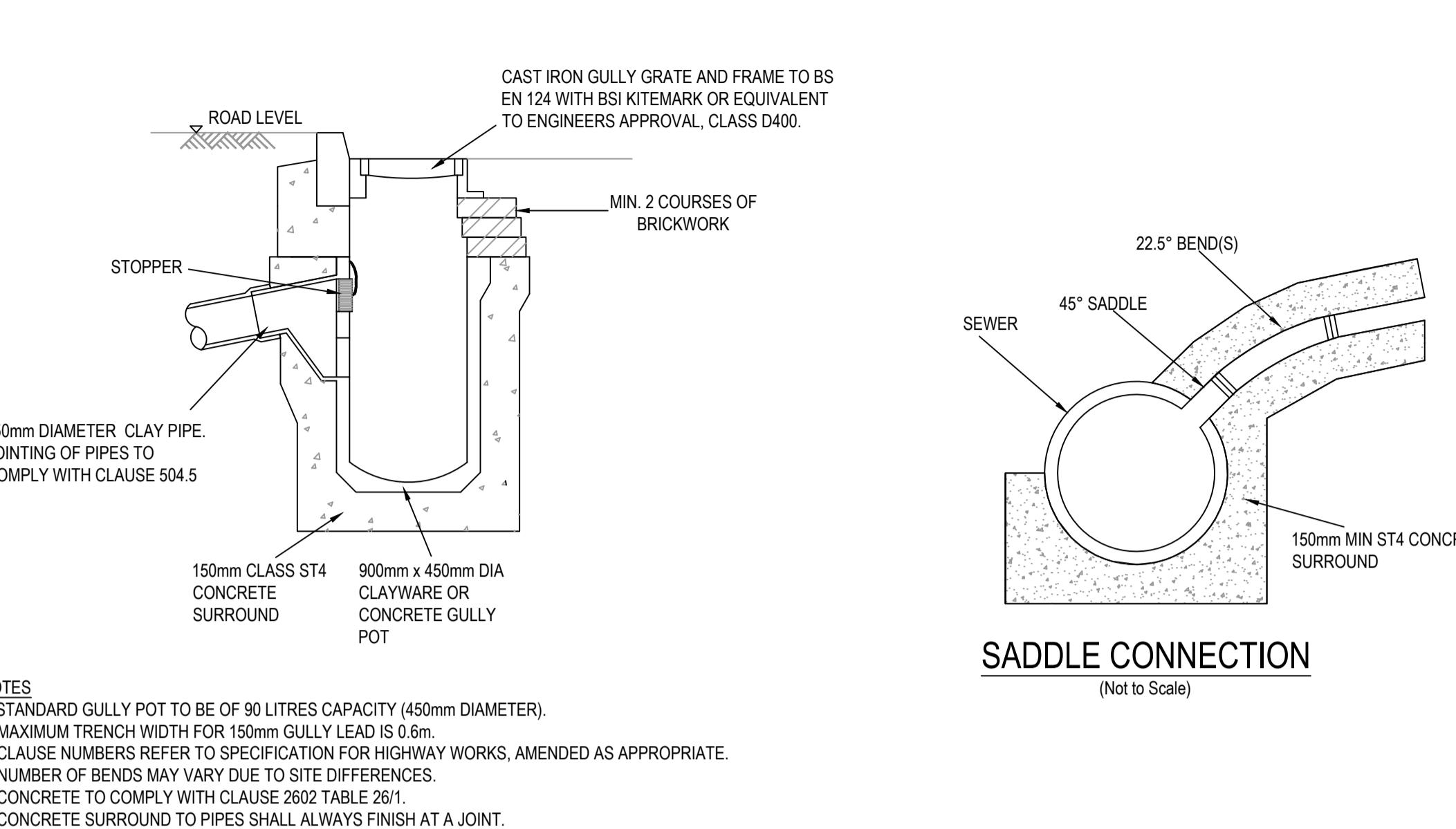
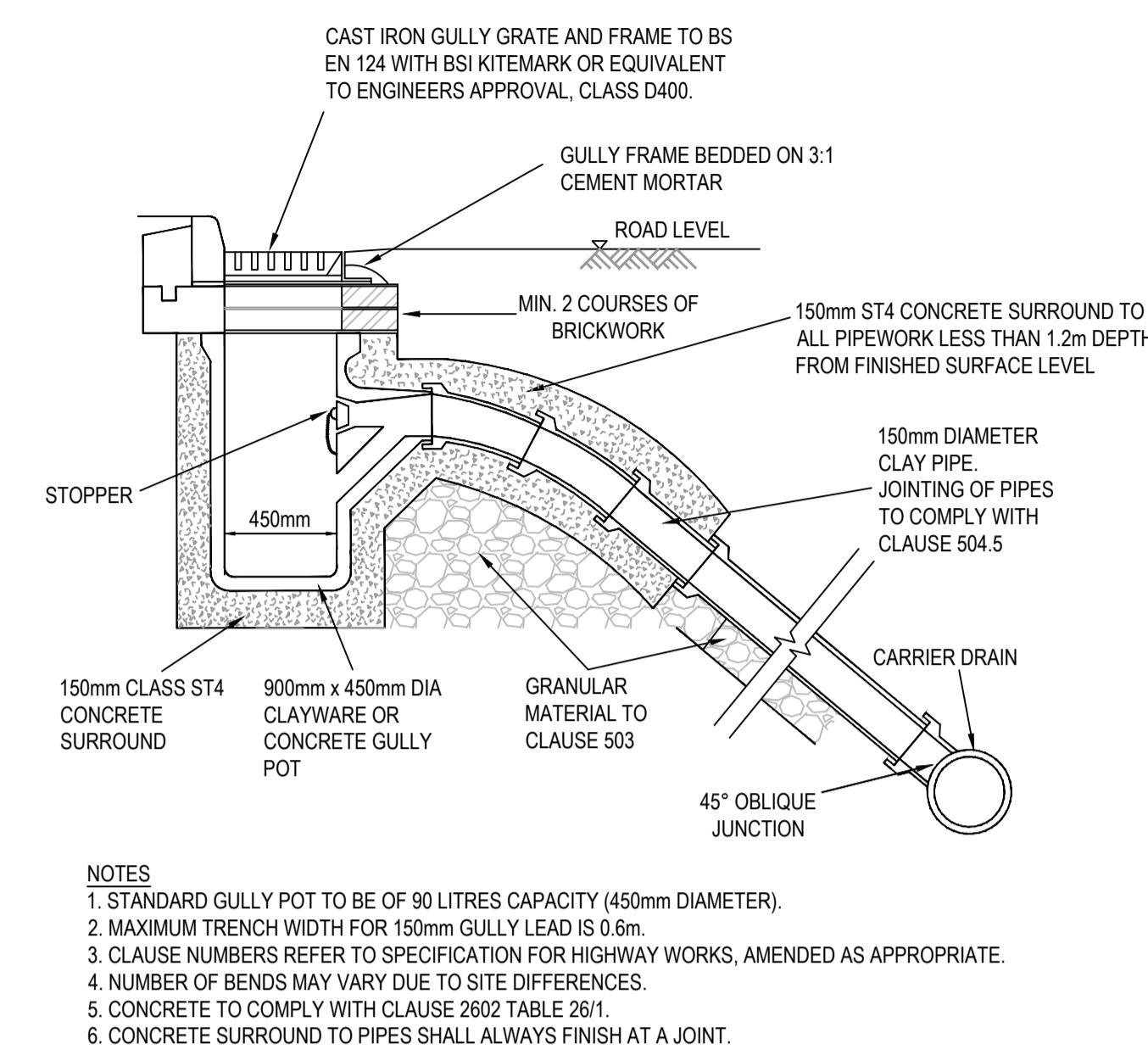
NOT PROTECTIVELY MARKED

- 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

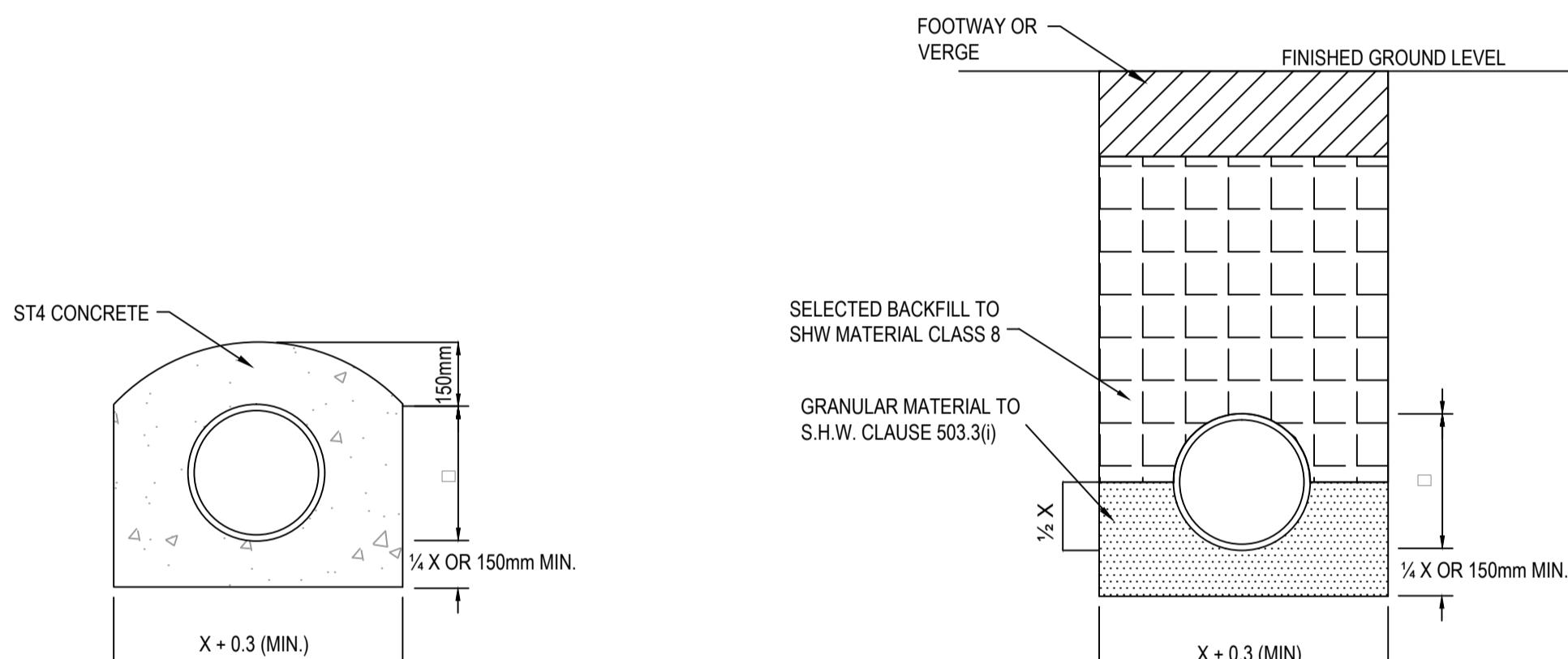


SADDLE CONNECTION

(Not to Scale)

TYPICAL GULLEY DETAIL 1

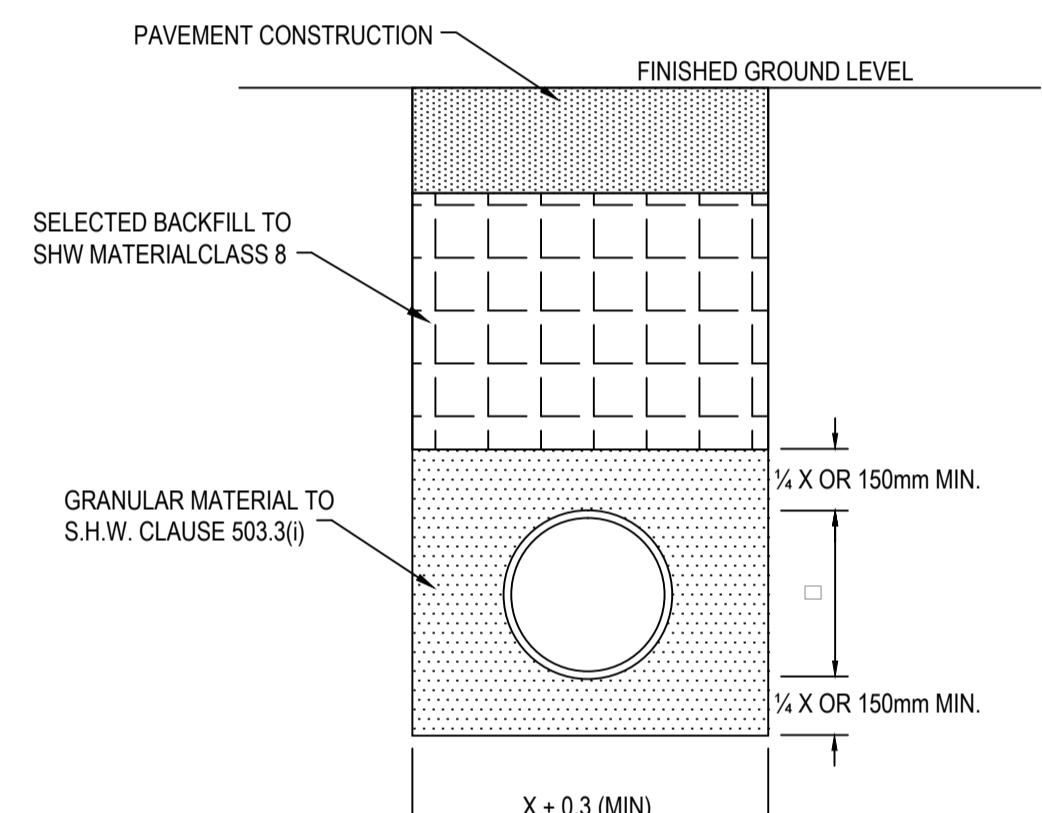
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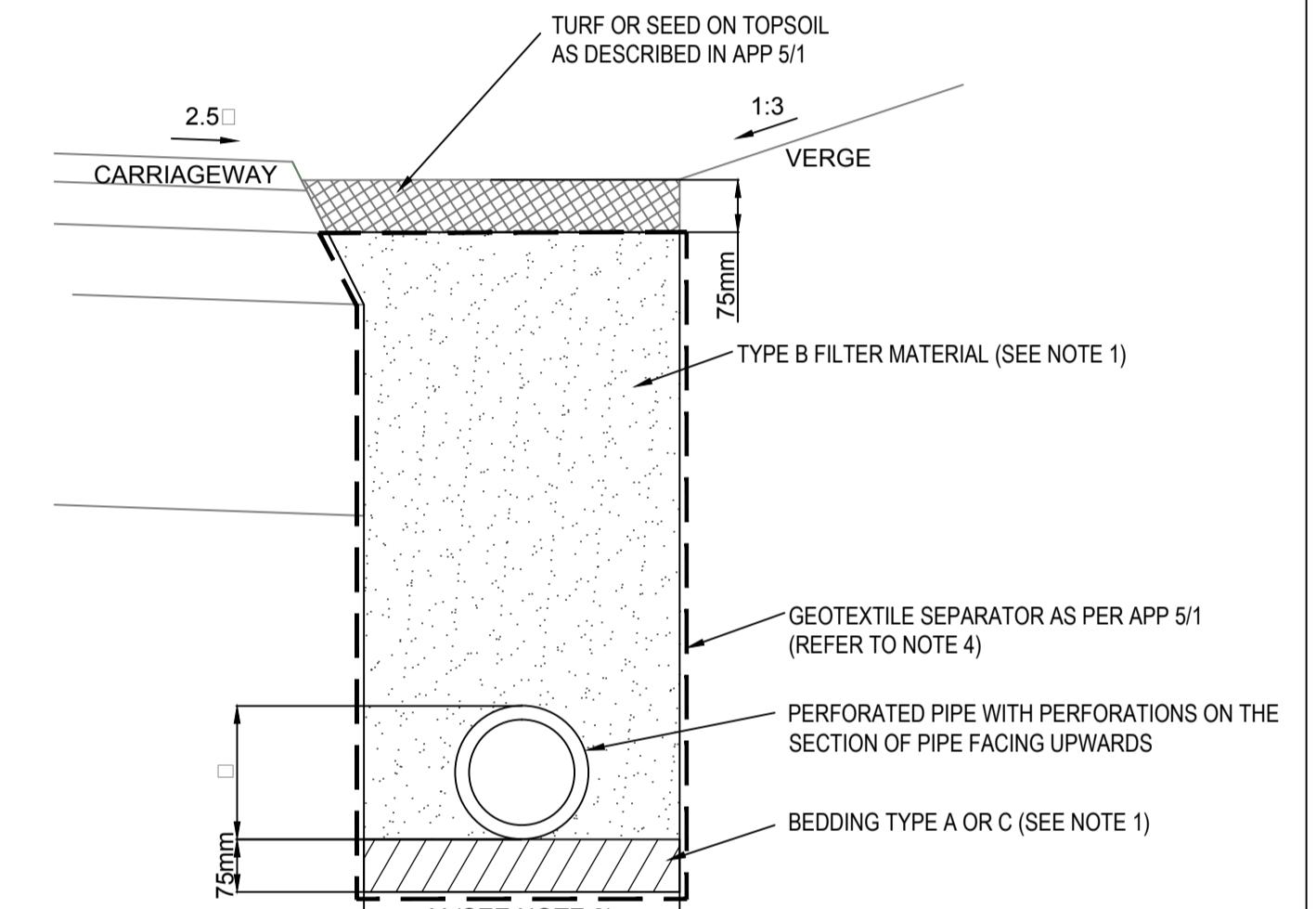
TYPE Z BEDDING

(TO BE USED WHEN COVER IS LESS THAN 0.9m TO PIPE SOFFIT)
(Not to Scale)

TYPE B BEDDING

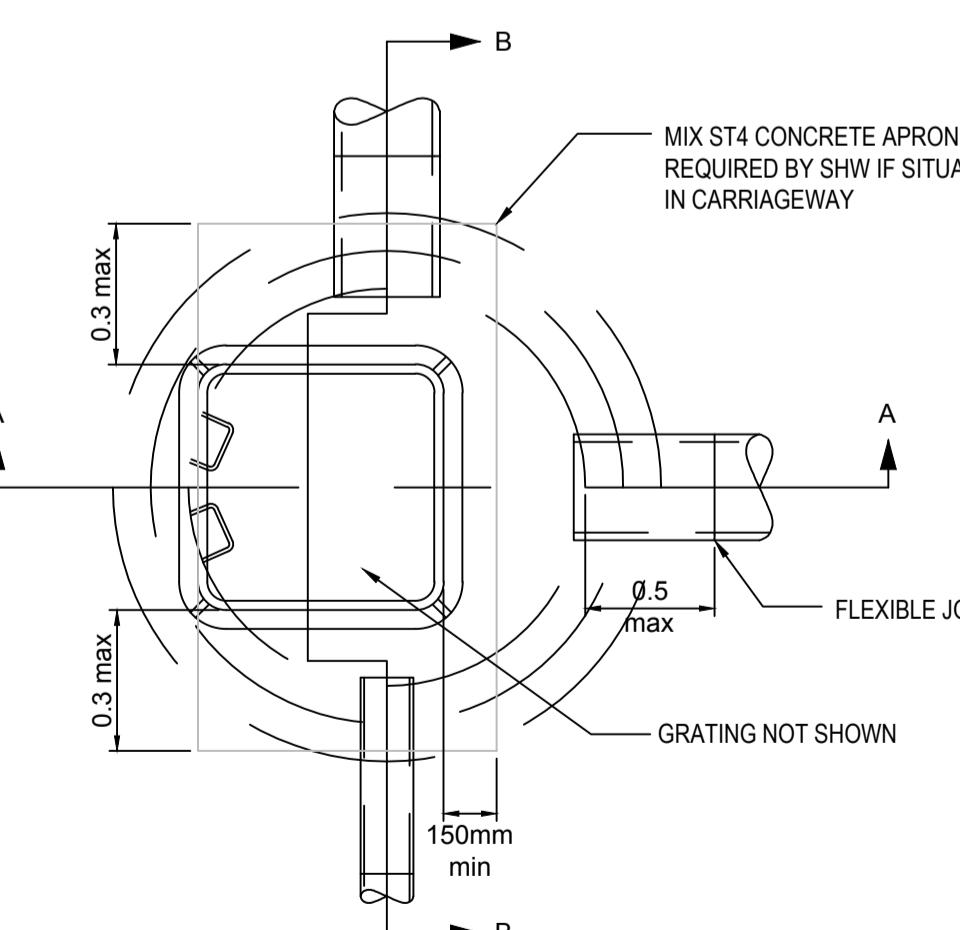
(TO BE USED WHEN COVER IS GREATER THAN 0.9m UNDER NON-TRAFFICKED AREA)
(Not to Scale)

TYPE S BEDDING

(TO BE USED WHEN COVER IS GREATER THAN 0.9m UNDER TRAFFICKED AREA)
(Not to Scale)

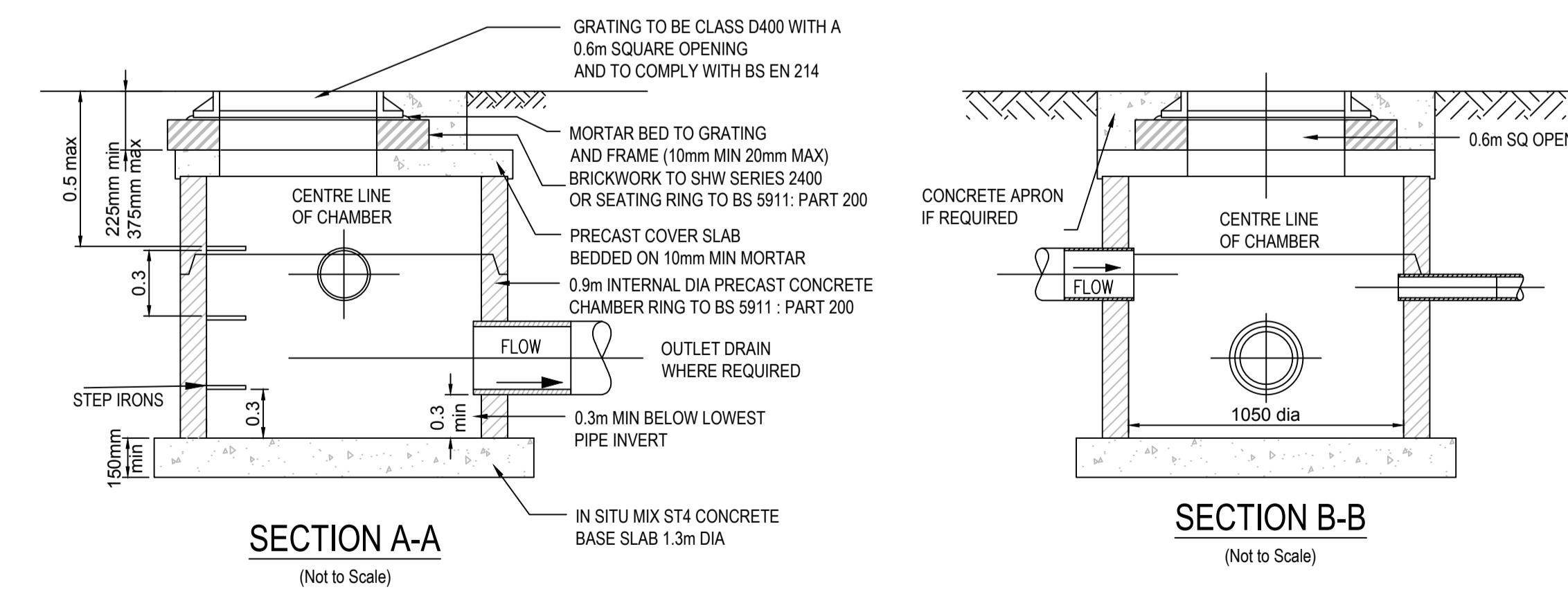
TYPICAL FILTER DRAIN

(Not to Scale)



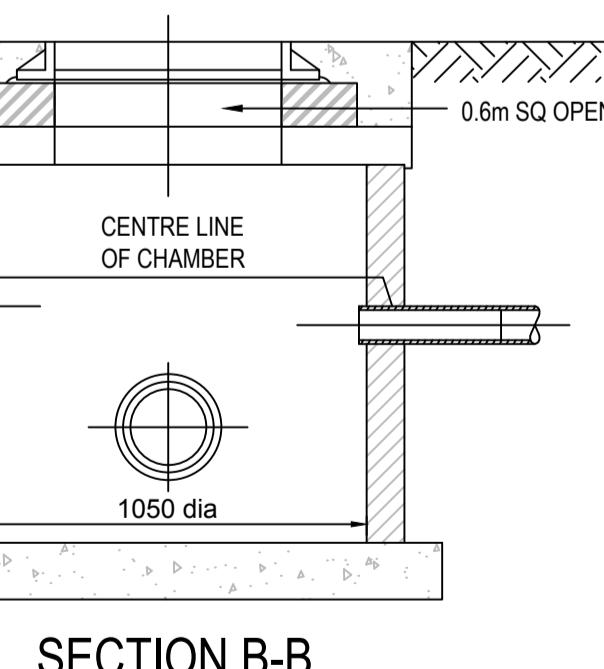
CATCHPIT CHAMBER PLAN

(Not to Scale)



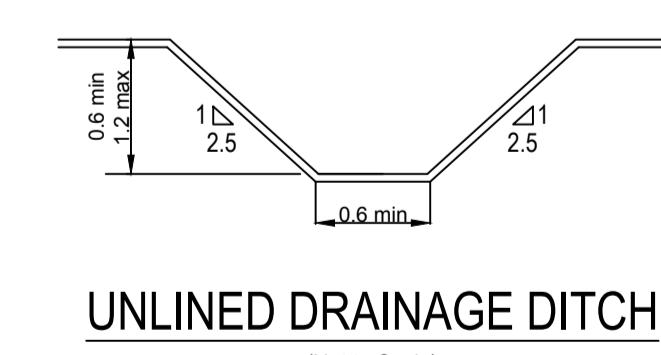
SECTION A-A

(Not to Scale)



SECTION B-B

(Not to Scale)



UNLINED DRAINAGE DITCH

(Not to Scale)

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

FOR INFORMATION

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NUCLEAR POWER
Sunrise House, 1420 Charlton Court, Gloucester Business Park, Gloucester, GL3 4AE, UK
Freephone: 0845 300 6816 Email: info@horizonuclearpower.com

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

Drawing Number

Rev

WN0902-HZDCO-OHW-DRG-00069 1.0

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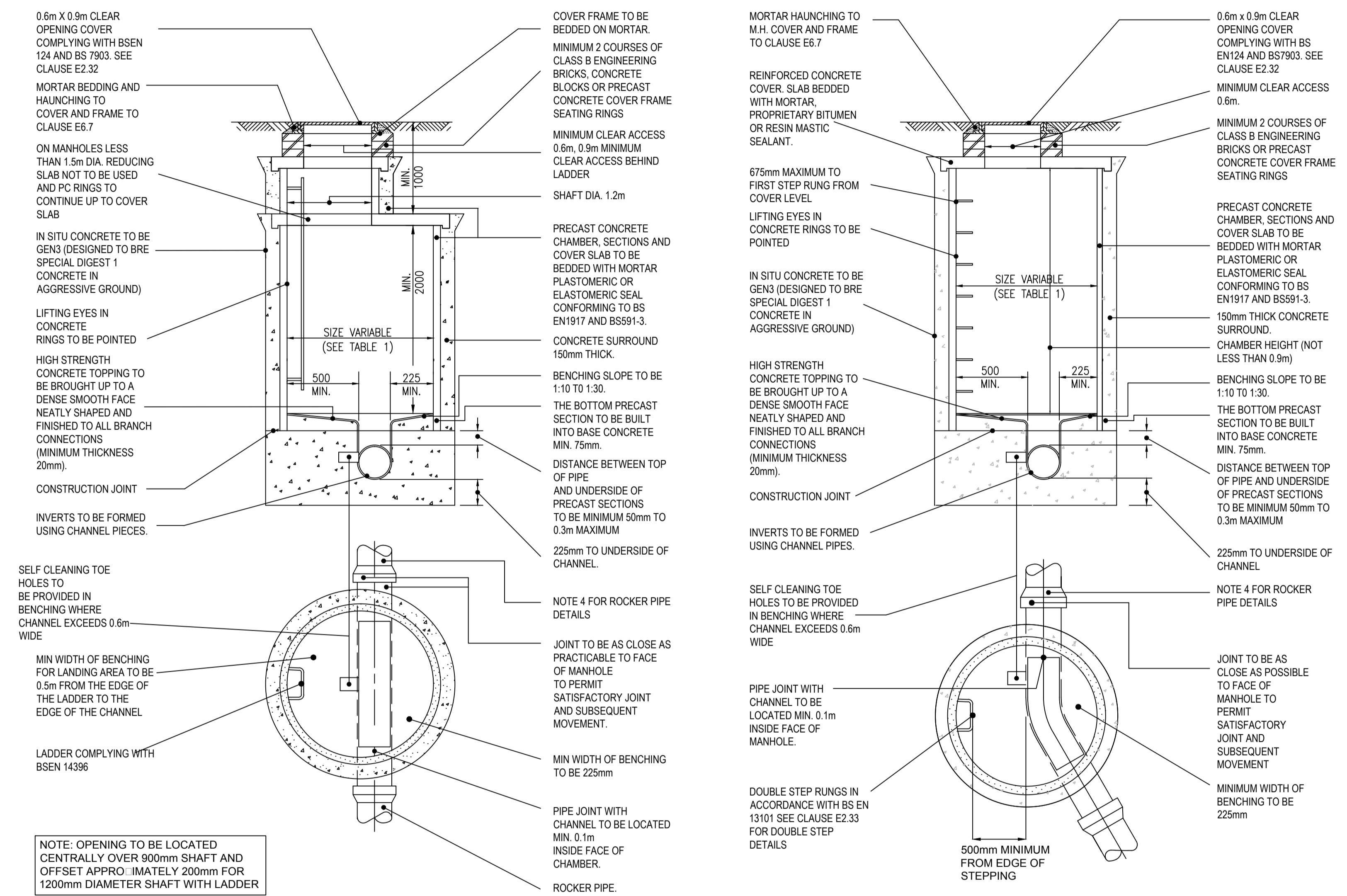
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DN675 - DN750	1.0
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6. Only written dimensions are to be used.
7. Concrete benching and pipe surround shall be placed in single continuous operation from top of base slab.
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9. 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

HORIZON
NUCLEAR POWER

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Freephone: 0845 300 6816 Email: info@horizonuclearpower.com

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**