

# Wylfa Newydd Project

## Volume 6: Environmental Statement (Part 62/73)

ES Volume G - A5025 Off-line Highway Improvements Figure Booklet -  
Volume G (Part 1/2)

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

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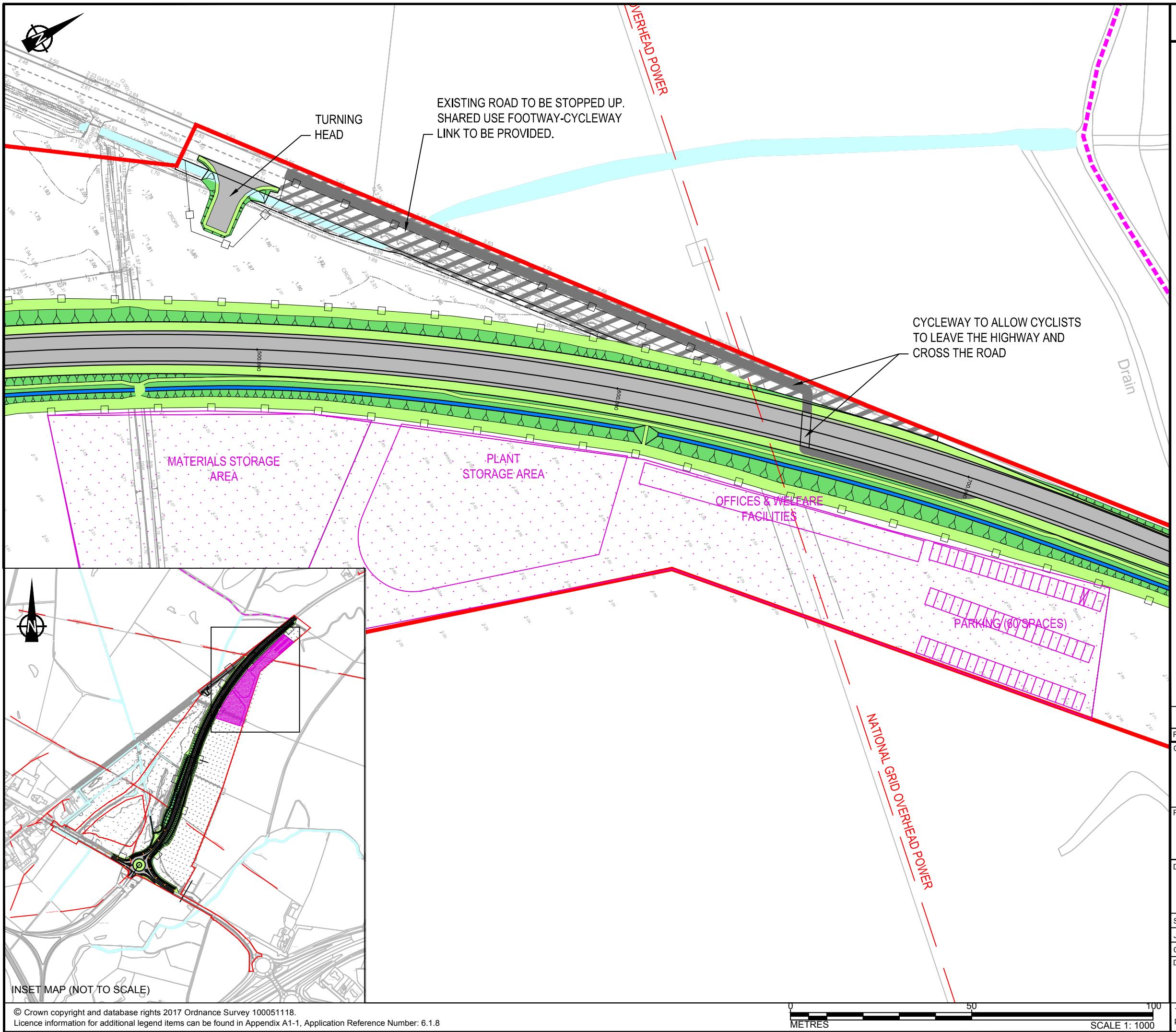
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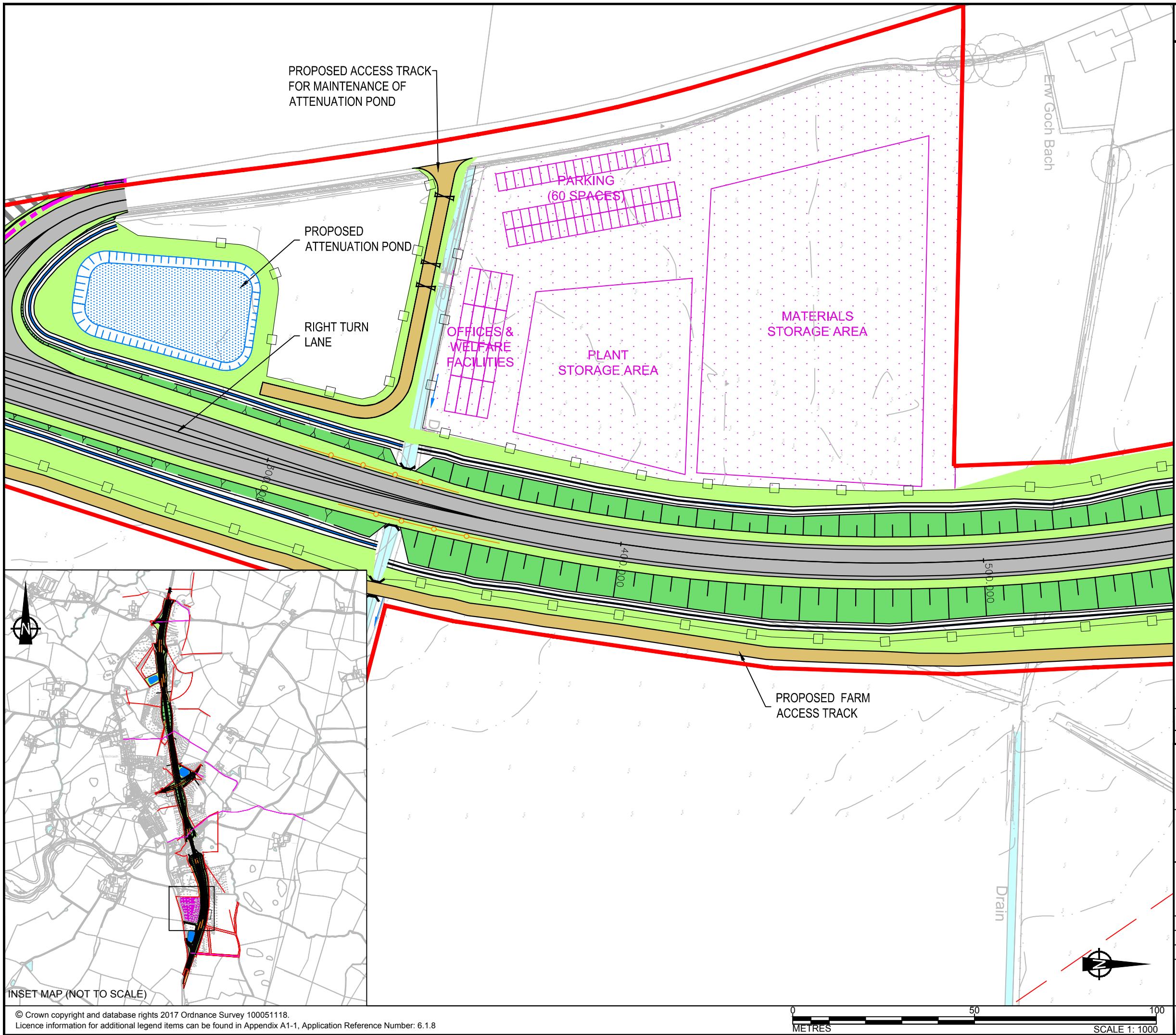
## FIGURE G1-1



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client						
 <p><b>HORIZON</b> NUCLEAR POWER</p>						
project						
<p style="text-align: center;"><b>WYLFA NEWYDD PROJECT</b> <b>ENVIRONMENTAL STATEMENT</b></p>						
drawing title						
<p style="text-align: center;"><b>A5025 OFF-LINE HIGHWAYS IMPROVEMENTS</b> <b>SECTION 1 PROPOSED SITE COMPOUND LOCATION</b></p>						
scale @ A3	1:1000		DO NOT SCALE			
Jacobs No.	60PO8077					
client No.	-					
drawing No.						
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FIGURE G1-2



LEGEND	
EXTENT OF LAND TAKE	
PROPOSED CARRIAGEWAY	
PROPOSED SHARED USE FOOTWAY-CYCLEWAY	
PROPOSED VERGE	
PROPOSED EARTHWORKS SLOPES	
PROPOSED FARM ACCESS TRACK	
EXISTING WATERCOURSE	
PROPOSED ATTENUATION POND	
PROPOSED HIGHWAY BOUNDARY FENCE	
PROPOSED GATED PMA	
PROPOSED LAND DRAINAGE DITCH	
PROPOSED VEHICLE SAFETY BARRIER	
EXISTING PUBLIC RIGHT OF WAY (PROW)	
PROW TO BE STOPPED UP	
PROW DIVERSION	
SITE COMPOUND AREA	

NOTES:

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 'RSK' SURVEYS UNDERTAKEN IN DECEMBER 2014.
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.
5. ROUNDABOUT GEOMETRY DESIGNED IN ACCORDANCE WITH DMRB TD 16/07.
6. FOR DETAILS OF PROPOSED DRAINAGE REFER TO FIGURES G1-2C TO G1-2F.
7. THE LAYOUT SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY, TO DEMONSTRATE THE LIKELY STORAGE AREAS AND ACTIVITIES THAT HAVE BEEN ASSUMED IN THE ASSESSMENT OF THE CONSTRUCTION COMPOUNDS.

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing title						
A5025 OFF-LINE HIGHWAYS IMPROVEMENTS SECTION 3 PROPOSED SITE COMPOUND LOCATION						
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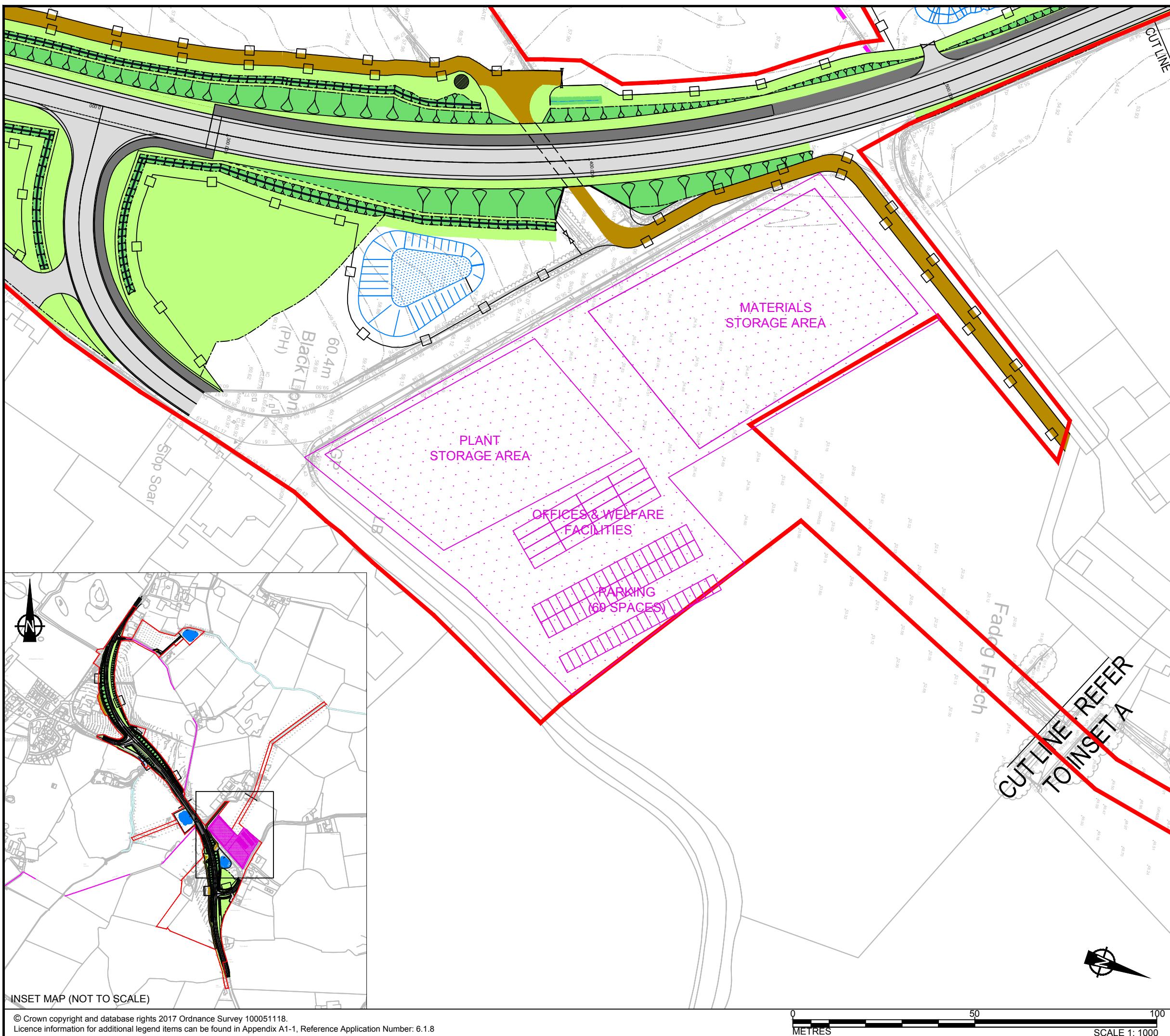


FIGURE G1-3

## LEGEND

EXTENT OF LAND TAKE

PROPOSED CARRIAGEWAY

PROPOSED SHARED USE FOOTWAY-CYCLEWAY

PROPOSED VERGE

PROPOSED EARTHWORKS SLOPES

PROPOSED FARM ACCESS TRACK

EXISTING WATERCOURSE

PROPOSED ATTENUATION POND

PROPOSED HIGHWAY BOUNDARY FENCE

PROPOSED GATED PMA

PROPOSED LAND DRAINAGE DITCH

PROPOSED DRAINAGE DITCH DIVERSION

EXISTING PUBLIC RIGHT OF WAY (PROW)

PROW TO BE STOPPED UP

PROW DIVERSION

SITE COMPOUND AREA

NOTES:

1. ALL EARTHWORKS BATTER SLOPES ARE SHOWN AT A GRADIENT OF 1 IN 2.5.
2. EXISTING GROUND LEVELS BASES ON TOPOGRAPHICAL SURVEY INFORMATION FROM 'RSK' SURVEYS UNDERTAKEN IN DECEMBER 2014.
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.
5. ROUNDABOUT GEOMETRY DESIGNED IN ACCORDANCE WITH DMRB TD 16/07.
6. FOR DETAILS OF PROPOSED DRAINAGE REFER TO FIGURES G1-2G AND G1-2H.
7. THE LAYOUT SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY, TO DEMONSTRATE THE LIKELY STORAGE AREAS AND ACTIVITIES THAT HAVE BEEN ASSUMED IN THE ASSESSMENT OF THE CONSTRUCTION COMPOUNDS.

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## Project

## WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

### Drawing title

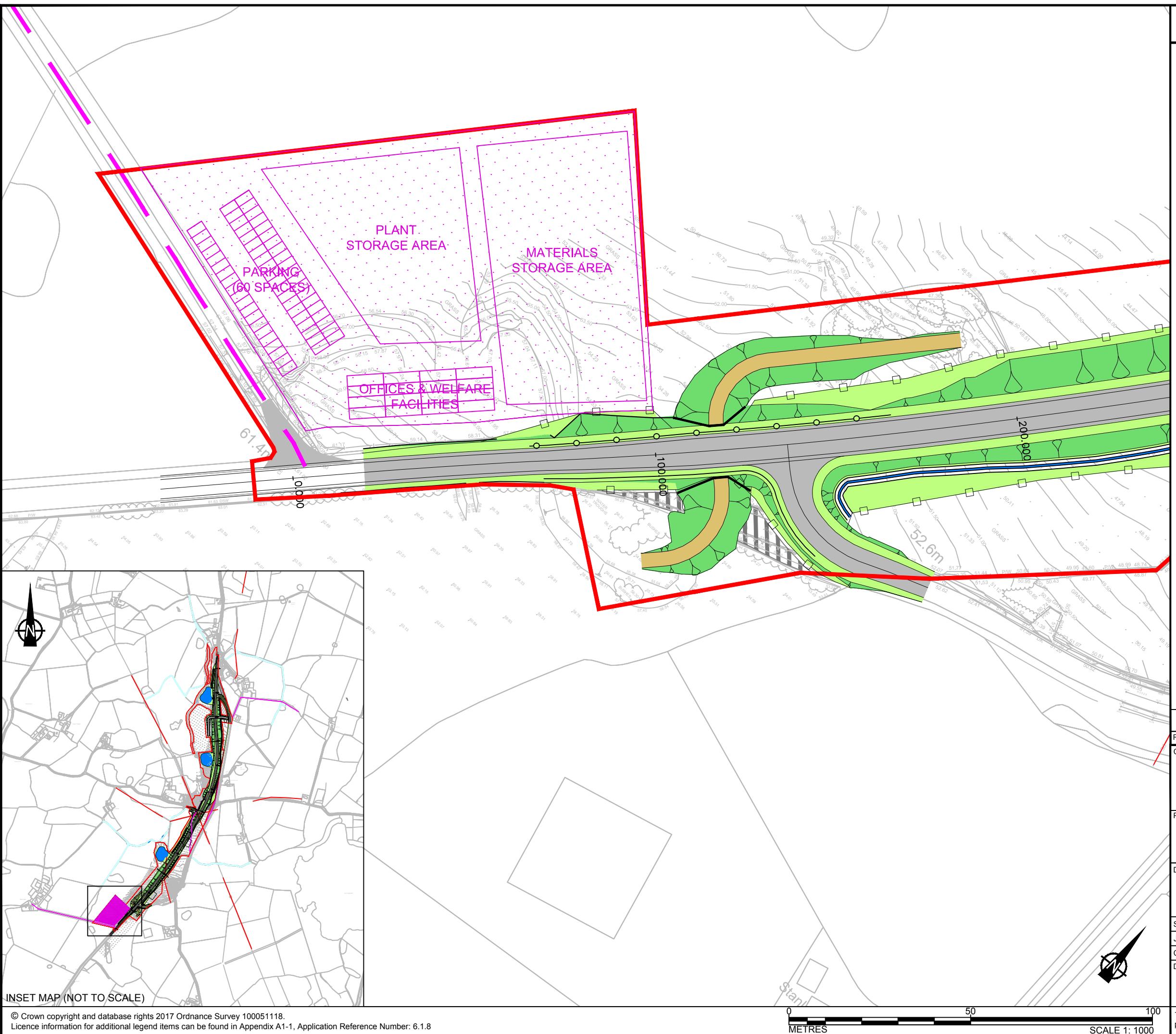
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Drawing No. 60PQ8077 DCO VOL G 1 3

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FIGURE G1-4



LEGEND

- EXTENT OF LAND TAKE
- PROPOSED CARRIAGEWAY
- PROPOSED SHARED USE FOOTWAY-CYCLEWAY
- PROPOSED VERGE
- PROPOSED EARTHWORKS SLOPES
- PROPOSED FARM ACCESS TRACK
- EXISTING WATERCOURSE
- PROPOSED ATTENUATION POND
- PROPOSED HIGHWAY BOUNDARY FENCE
- PROPOSED GATED PMA
- PROPOSED LAND DRAINAGE DITCH
- EXISTING PUBLIC RIGHT OF WAY (PROW)
- \* PROW TO BE STOPPED UP
- PROW DIVERSION
- SITE COMPOUND AREA

NOTES:

1. DRAWN AT SCALE 1:1000 @ A1.
2. ALL EARTHWORKS BATTER SLOPES ARE SHOWN AT A GRADIENT OF 1 IN 2.5.
3. EXISTING GROUND LEVELS BASED ON TOPOGRAPHICAL SURVEY INFORMATION FROM 'RSK' SURVEYS UNDERTAKEN IN DECEMBER 2014, SURVEY OPS SURVEY UNDERTAKEN IN JUNE 2016 AND JACOBS SURVEY IN APRIL 2016.
4. THE PROPOSED CARRIAGEWAY WIDTH IS 7.3m WIDE WITH 1.0m HARDSTRIPS ON BOTH SIDES OF THE CARRIAGEWAY PROVIDING 9.3m TOTAL PAVED WIDTH.
5. ROAD ALIGNMENT GEOMETRY HAS BEEN DESIGNED IN ACCORDANCE WITH DMRB TD 9/93.
6. FOR DETAILS OF PROPOSED DRAINAGE REFER TO FIGURES G1-2I TO G1-2K.
7. THE LAYOUT SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY, TO DEMONSTRATE THE LIKELY STORAGE AREAS AND ACTIVITIES THAT HAVE BEEN ASSUMED IN THE ASSESSMENT OF THE CONSTRUCTION COMPOUNDS.

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd

Client

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Project  
WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

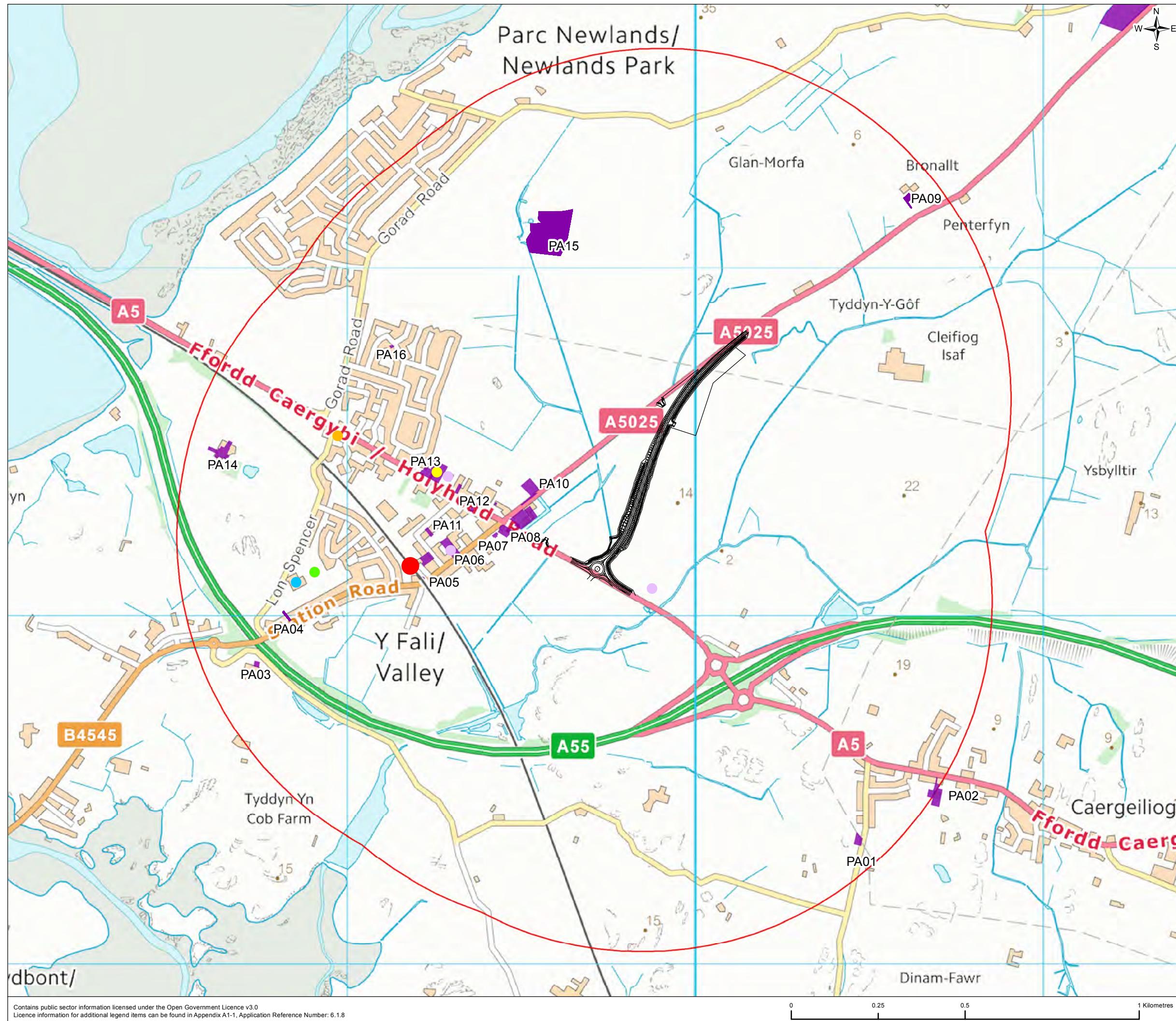
Drawing title  
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SECTION 7 PROPOSED SITE COMPOUND LOCATION

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**FIGURE G3-1a**



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Rev. Date Purpose of revision Drawn Check'd Rev'd App'd

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WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title

A5025 OFF-LINE HIGHWAY IMPROVEMENTS  
COMMUNITY ASSETS AND DEVELOPMENT LAND

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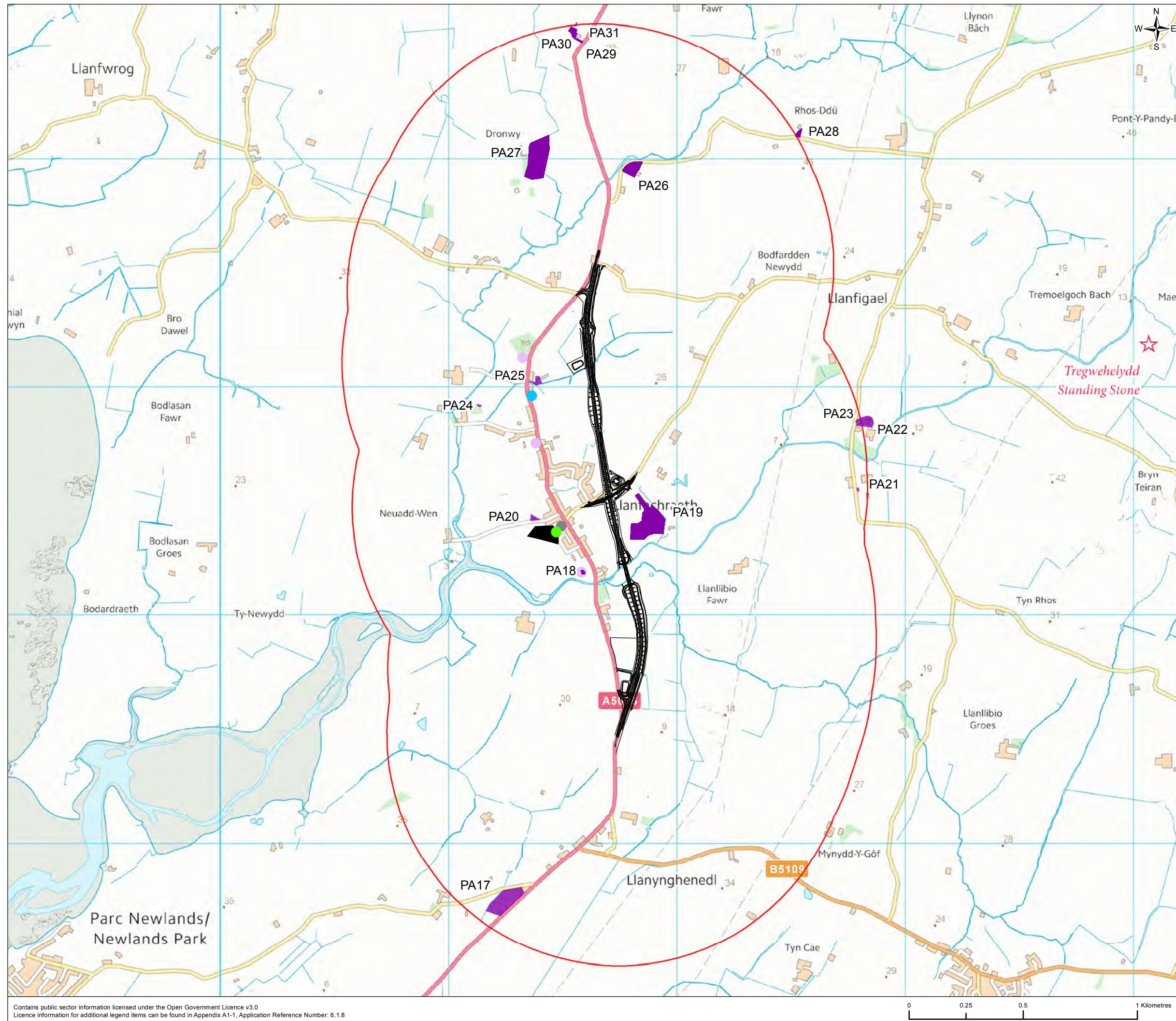
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Drawing No. 60PO8077\_DCO\_VOL\_G\_03\_01a

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**FIGURE G3-1b**



**Legend**

- A5025 Off-line Highway Improvements (Section 3)
- 1km study area for A5025 Section 3
- Development land
- Planning Applications

**Local services**

- Open space
- Place of worship/cemetery
- Primary school
- Village Hall

**Map Reference:** ANGLESEY/YNYS MÔN

**DCO submission**

Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
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**Client**

**Project**

**WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT**

**Drawing Title**

**A5025 OFF-LINE HIGHWAY IMPROVEMENTS COMMUNITY ASSETS AND DEVELOPMENT LAND**

**Scale @ A3** 1:16,000 **DO NOT SCALE**

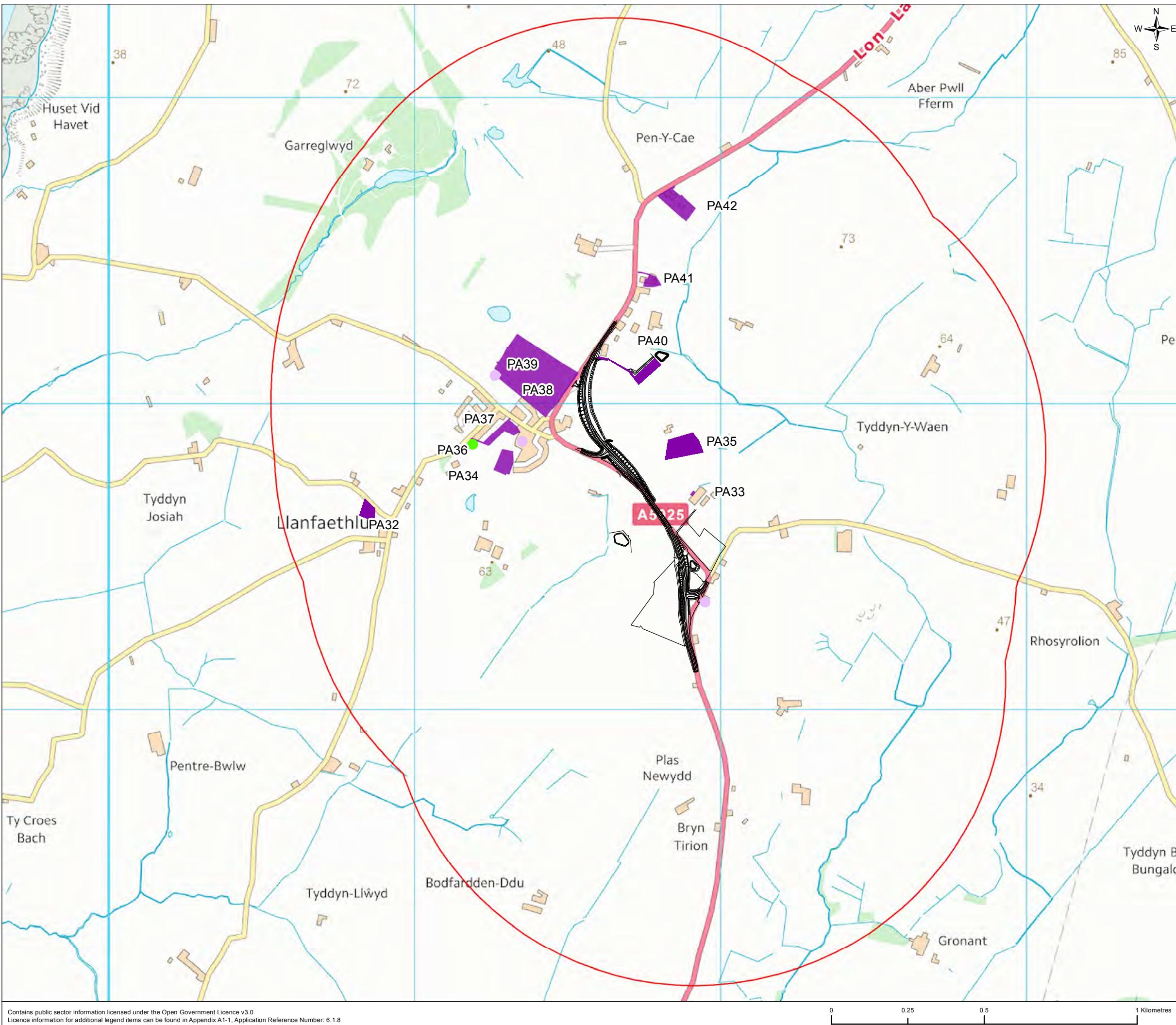
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Client No.

Drawing No. 60PO8077\_DCO\_VOL\_G\_03\_01b

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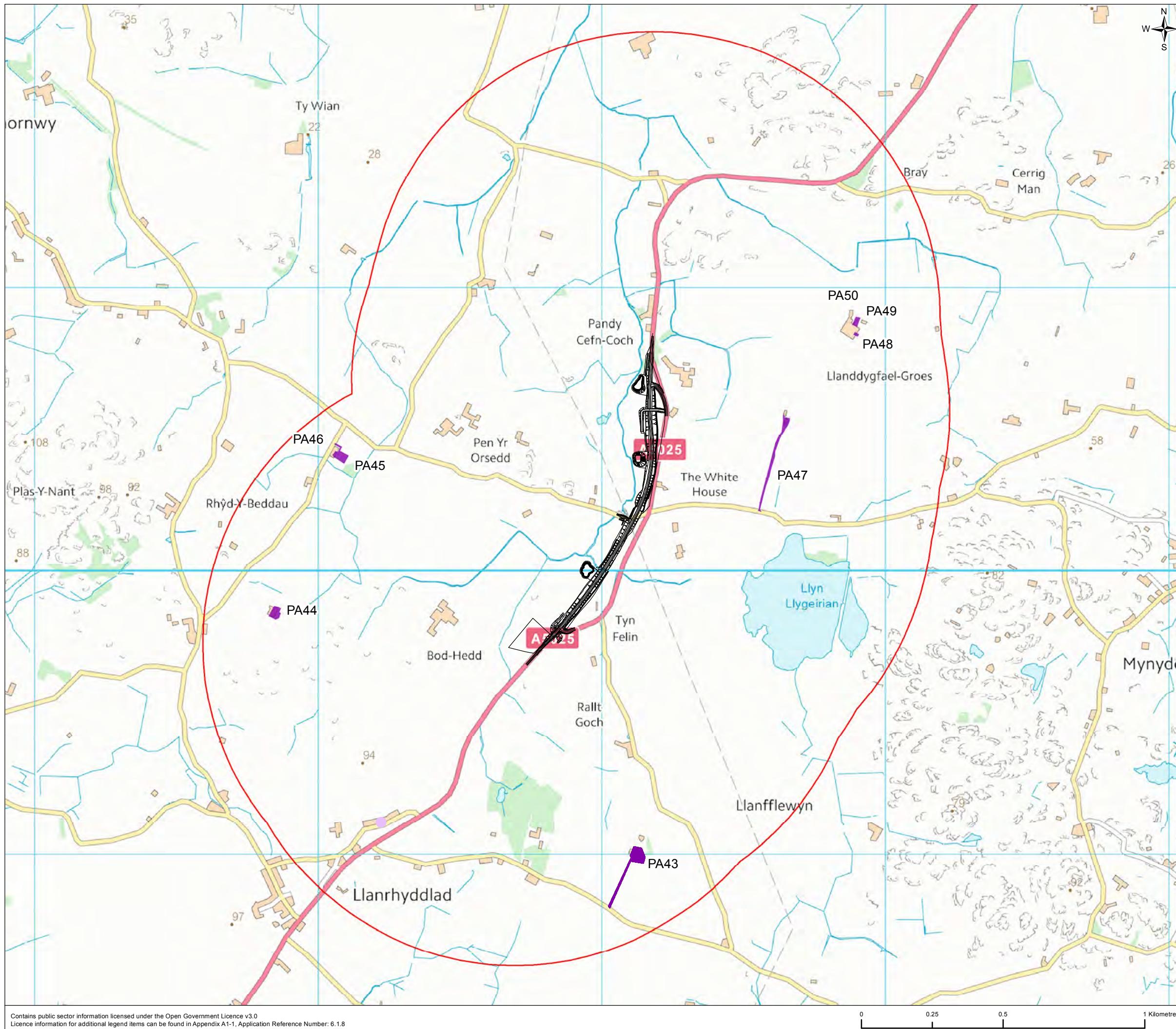
**FIGURE G3-1c**



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WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
A5025 OFF-LINE HIGHWAY IMPROVEMENTS COMMUNITY ASSETS AND DEVELOPMENT LAND						
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**FIGURE G3-1d**

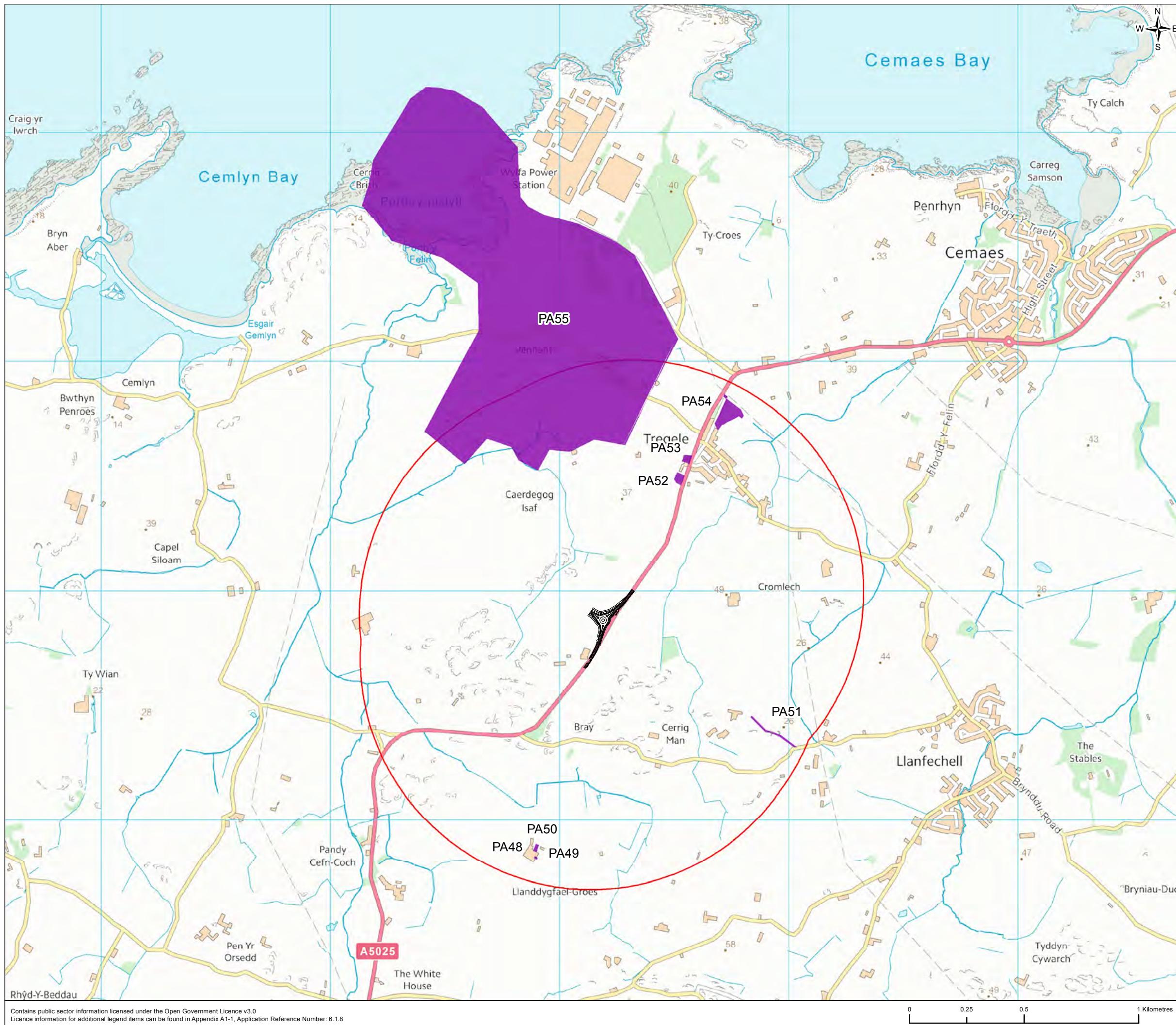


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Project						
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Drawing Title						
A5025 OFF-LINE HIGHWAY IMPROVEMENTS COMMUNITY ASSETS AND DEVELOPMENT LAND						
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Client No.						
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**FIGURE G3-1e**



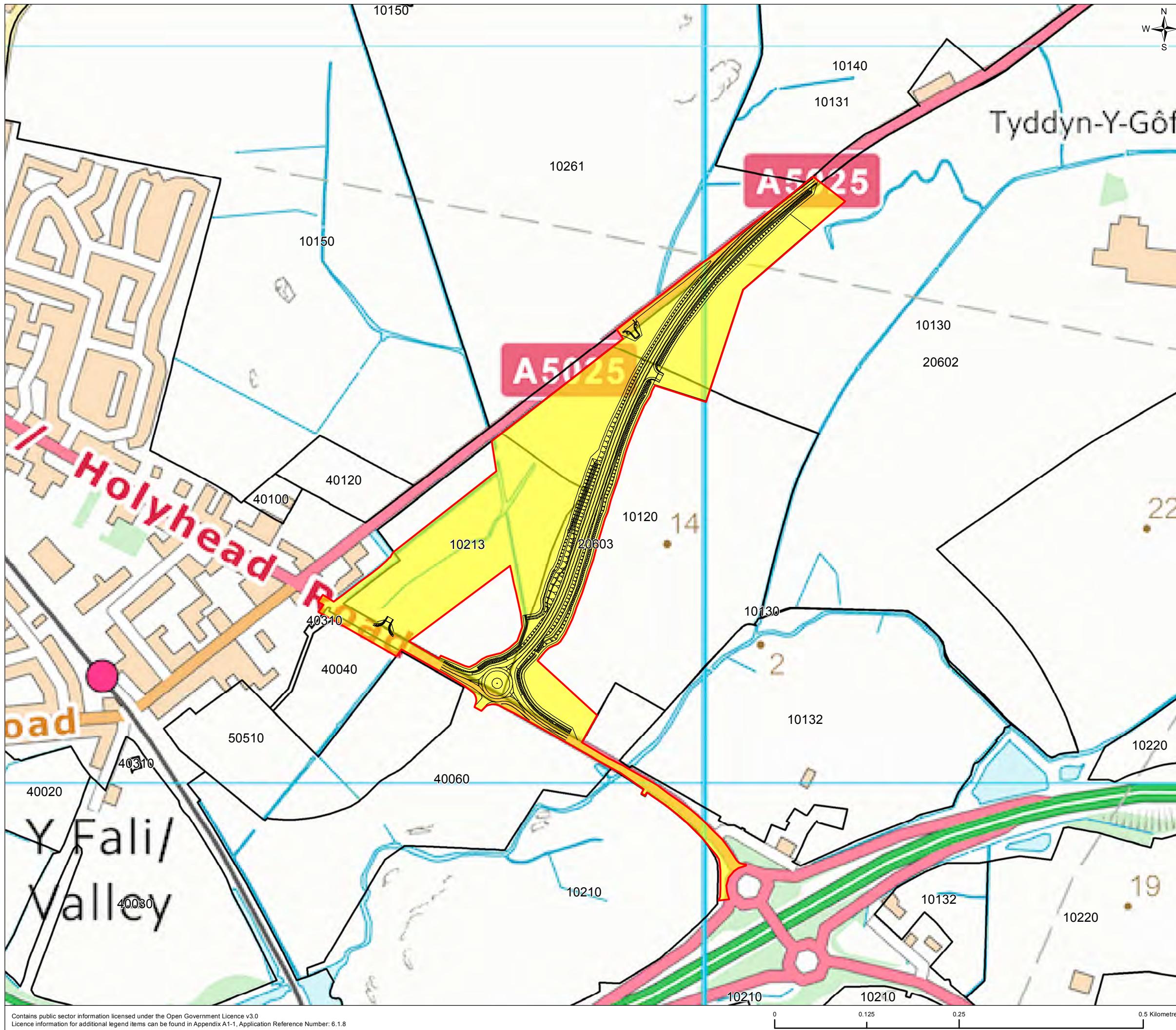
**Legend**

- A5025 Off-line Highway Improvements (Power Station Access Road Junction)
- 1km study area for Power Station Site Access
- Planning Applications



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
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Client						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
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## FIGURE G3-2a

Legend

- A5025 Off-line Highway Improvements (Section 1)
- A5025 Off-line Highway Improvements order limit

## Agricultural Land Classification

Grade 4 - Poor Quality

Grade 4 - Poor Quality

Grade 4 - Poor Quality

11. *Leptodora* (Leptodora) *hirsutum* (L.) Schlecht. (Fig. 11)



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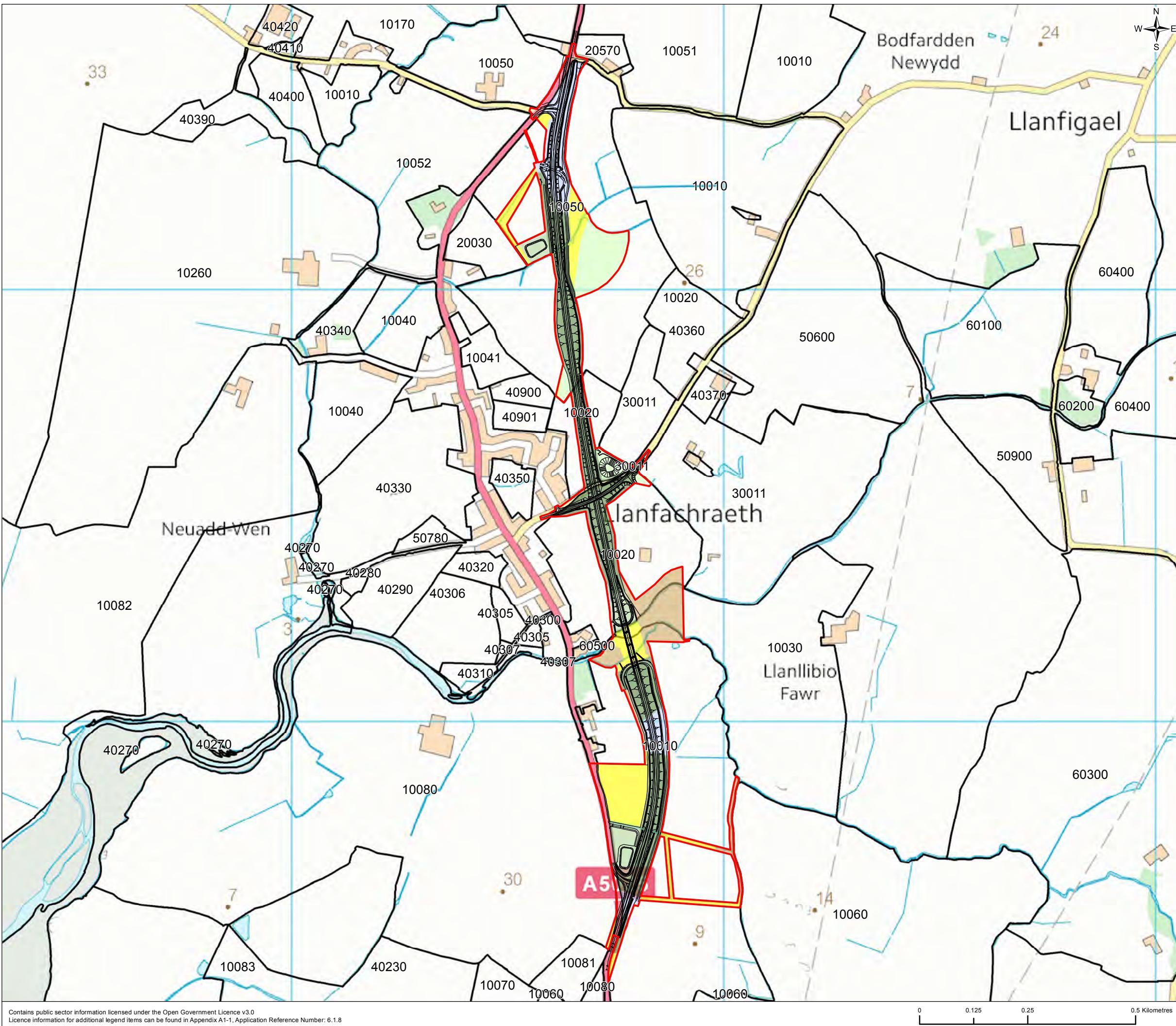
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## A5025 OFF-LINE HIGHWAY IMPROVEMENTS SCHEME LAND-TAKE

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Ref. No.	

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## FIGURE G3-2b

Legend

- A5025 Off-line Highway Improvements (Section 3)
- A5025 Off-line Highway Improvements order limit

Agricultural Land Classification

- Grade 2 - Very Good Quality
- Grade 3 - Good / Moderate Quality
- Subgrade 3a - Good Quality
- Subgrade 3b - Moderate Quality
- Grade 4 - Poor Quality
- Grade 5 - Very Poor Quality



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL

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## WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

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## A5025 OFF-LINE HIGHWAY IMPROVEMENTS SCHEME LAND-TAKE

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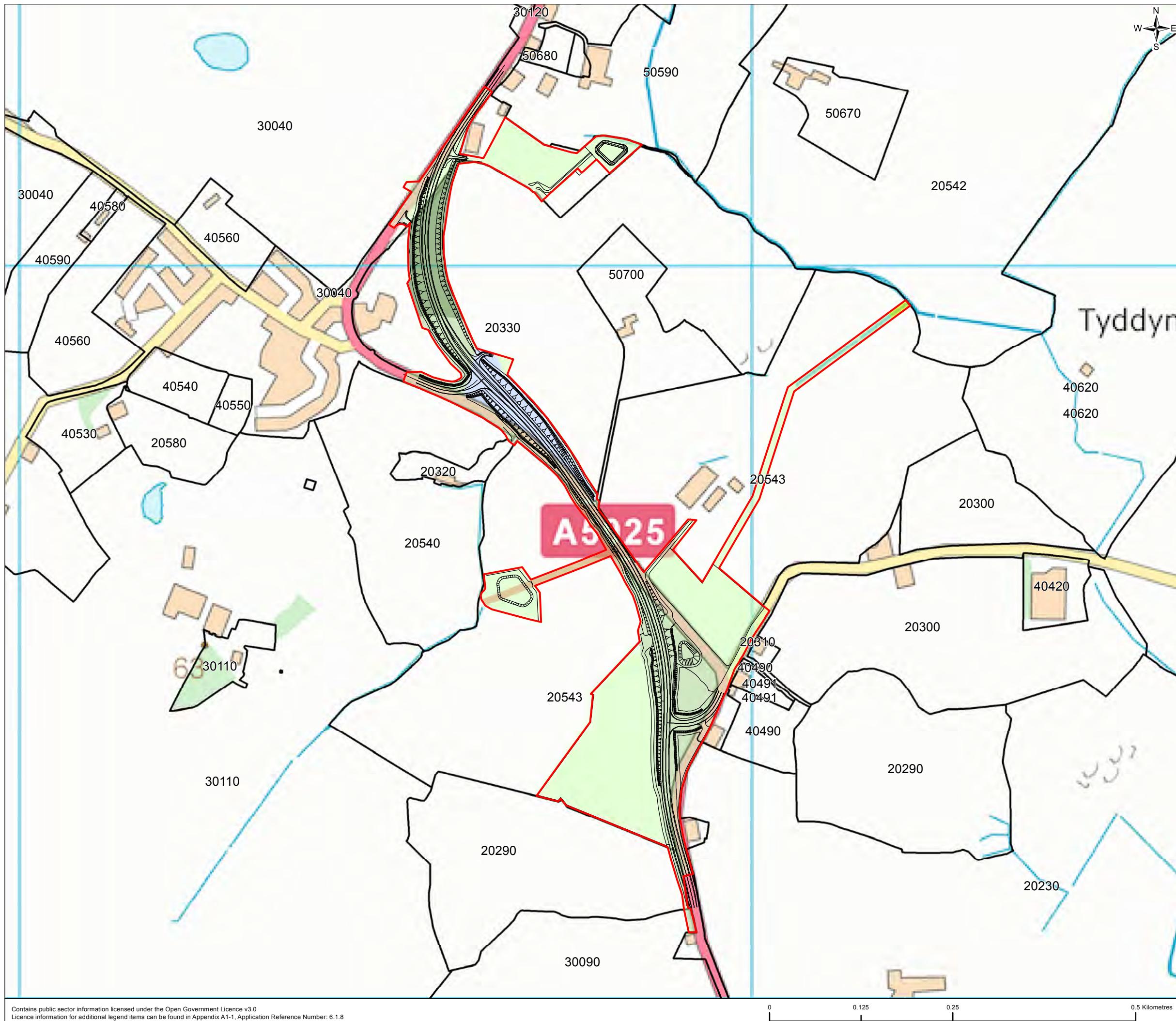
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## FIGURE G3-2c

## Legend

- A5025 Off-line Highway Improvements (Section 5)
- A5025 Off-line Highway Improvements order limit
- Land plot

## Agricultural Land Classification

- Grade 2 - Very Good Quality
- Grade 3 - Good / Moderate Quality
- Subgrade 3a - Good Quality
- Subgrade 3b - Moderate Quality
- Grade 4 - Poor Quality
- Grade 5 - Very Poor Quality



.0		MAR 18	DCO submission		HNPWL	HNPWL	HNPWL	HNPWL
Rev	Date	Purpose of revision		Drawn	Check'd	Rev'd	Appr'd	

**HORIZON**  
NUCLEAR POWER

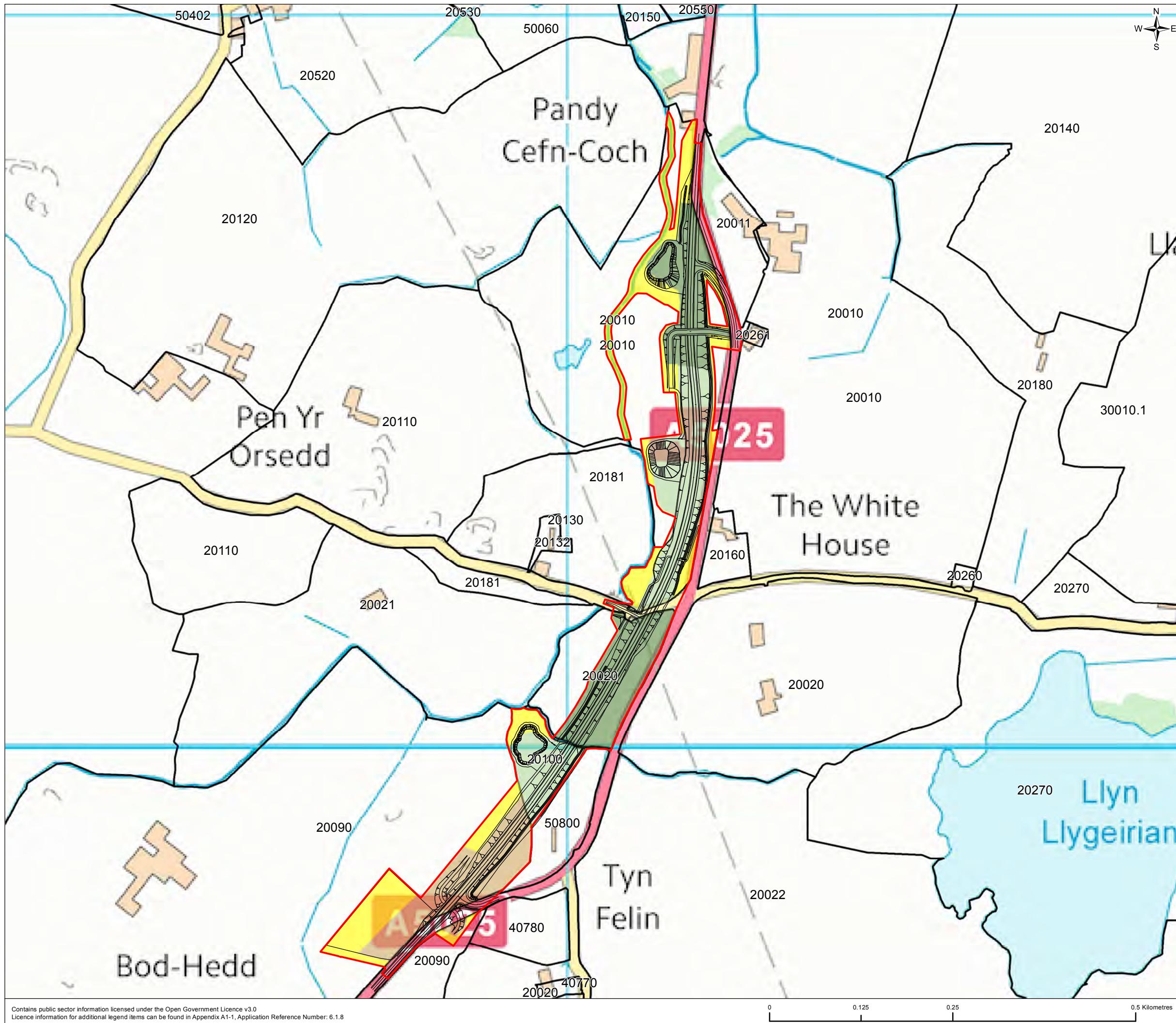
## WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

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60RQ8077 RCO VOL C 03 03c

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### FIGURE G3-2d

**Legend**

- A5025 Off-line Highway Improvements (Section 7)
- A5025 Off-line Highway Improvements order limit
- Land plot

**Agricultural Land Classification**

- Subgrade 3a - Good Quality
- Subgrade 3b - Moderate Quality
- Grade 4 - Poor Quality
- Grade 5 - Very Poor Quality



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd
Client					
<b>HORIZON</b> <b>NUCLEAR POWER</b>					
Project					
<b>WYLFA NEWYDD PROJECT</b> <b>ENVIRONMENTAL STATEMENT</b>					
Drawing Title					
<b>A5025 OFF-LINE HIGHWAY IMPROVEMENTS</b> <b>SCHEME LAND-TAKE</b>					
Scale @ A3	1:5,000		DO NOT		
Jacobs No.	60PO8077				
Client No.					
Drawing No.	60PO8077_DCO_VOL_G_03_02d				

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

Isaf



**FIGURE G3-2e**

Legend

— Power Station Access Road Junction

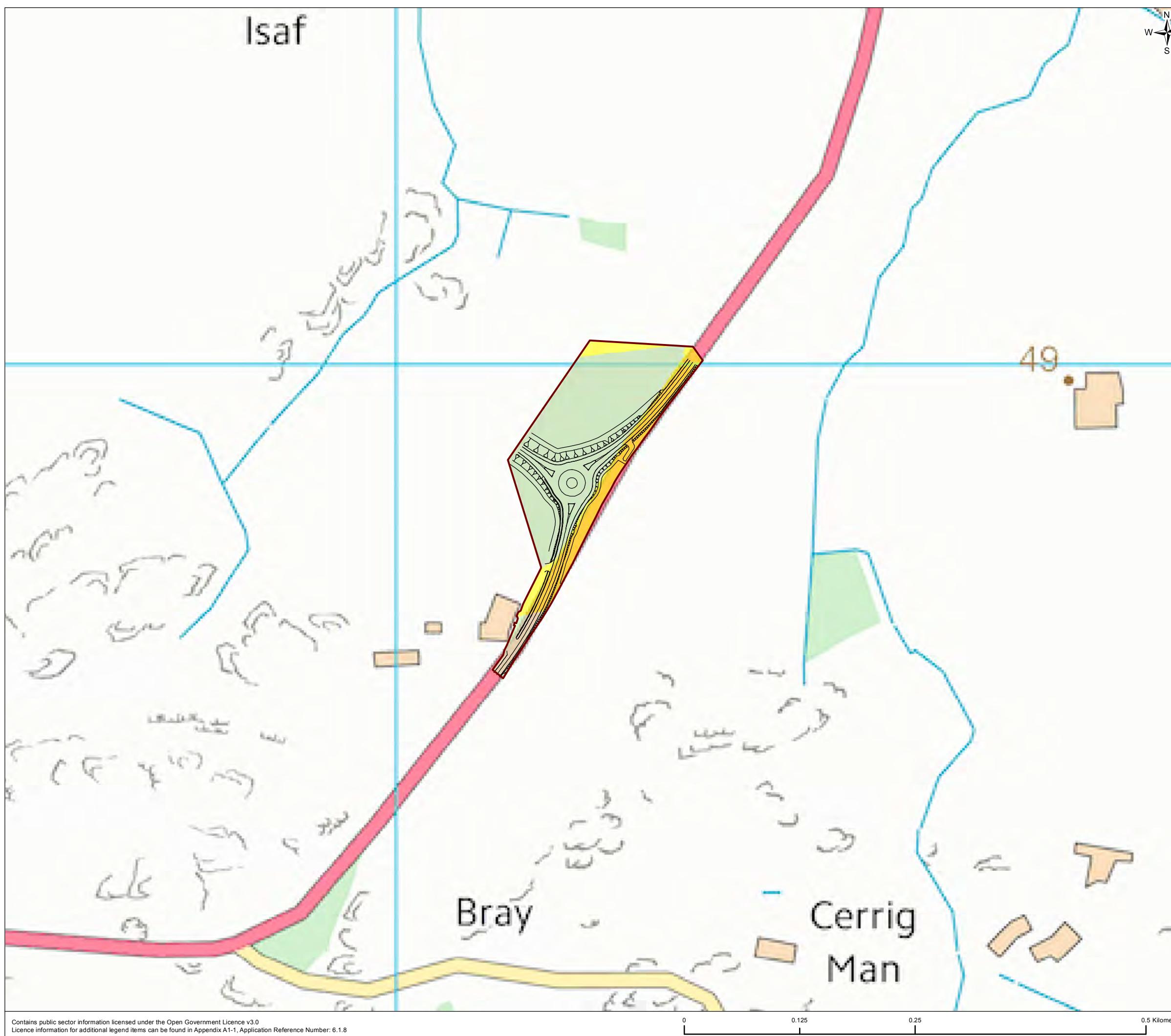
■ Work package 1J

Agricultural Land Classification

Grade 3 - Good / Moderate Quality

Grade 3b - Moderate Quality

Grade 4 - Poor Quality



1.0 MAR 18 DCO submission HNPWL HNPWL HNPWL HNPWL  
Rev. Date Purpose of revision Drawn Check'd Rev'd App'd

Client

**HORIZON**

NUCLEAR POWER

Project

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title

A5025 OFF-LINE HIGHWAY IMPROVEMENTS  
SCHEME LAND-TAKE

Scale @ A3

1:4,000

DO NOT SCALE

Jacobs No.

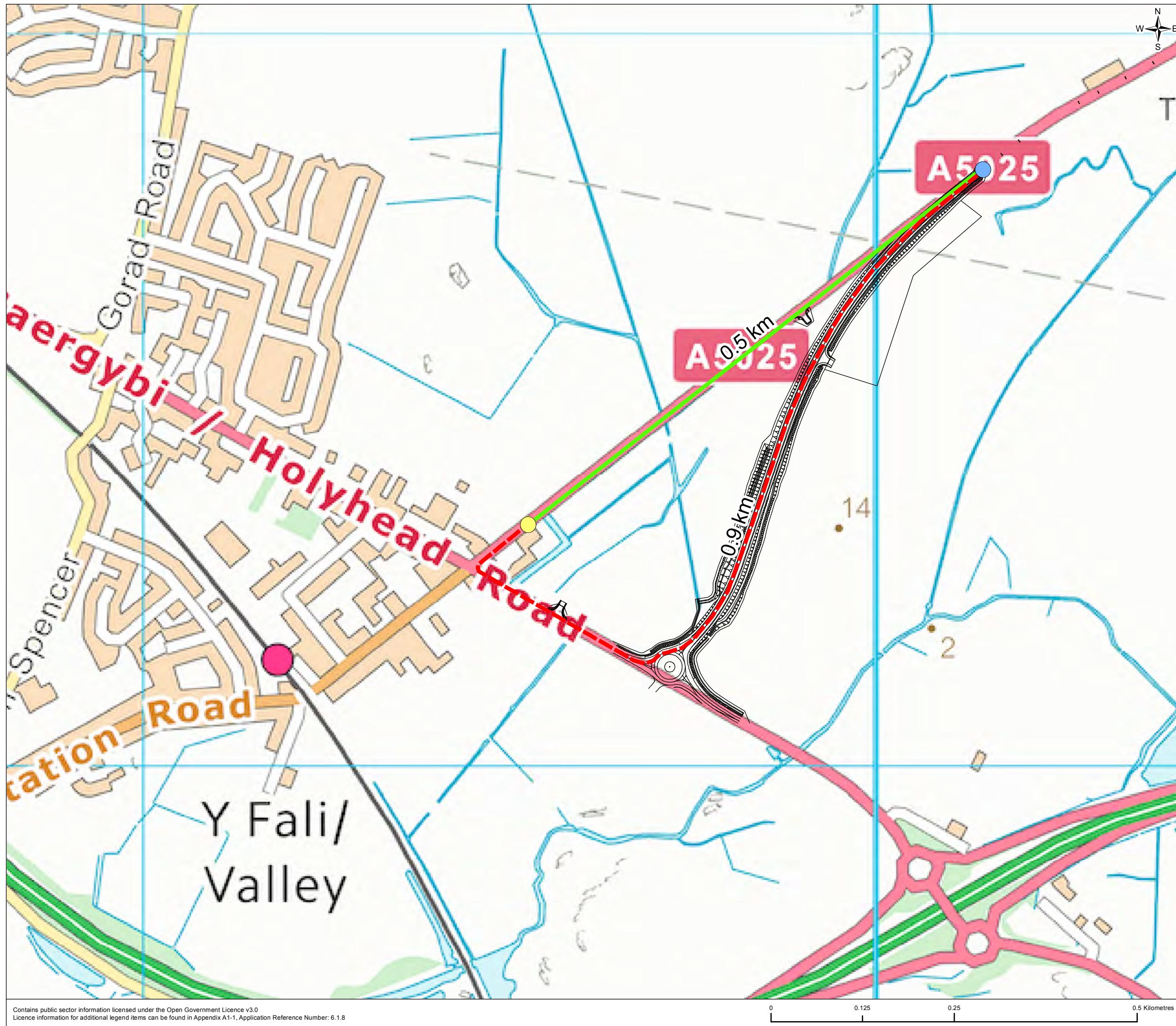
60PO8077

Client No.

Drawing No.  
60PO8077\_DCO\_VOL\_G\_03\_02e

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

FIGURE G3-3a



Legend					
—	Surface dressing (Section 1)				
●	Origin point				
●	Connection to A5025				
—	Change in access route				
—	Current access route				

1.0 MAR 18 DCO submission HNPWL HNPWL HNPWL HNPWL  
 Rev. Date Purpose of revision Drawn Check'd Rev'd App'd

Client

**HORIZON**  
 NUCLEAR POWER

Project

WYLFA NEWYDD PROJECT  
 ENVIRONMENTAL STATEMENT

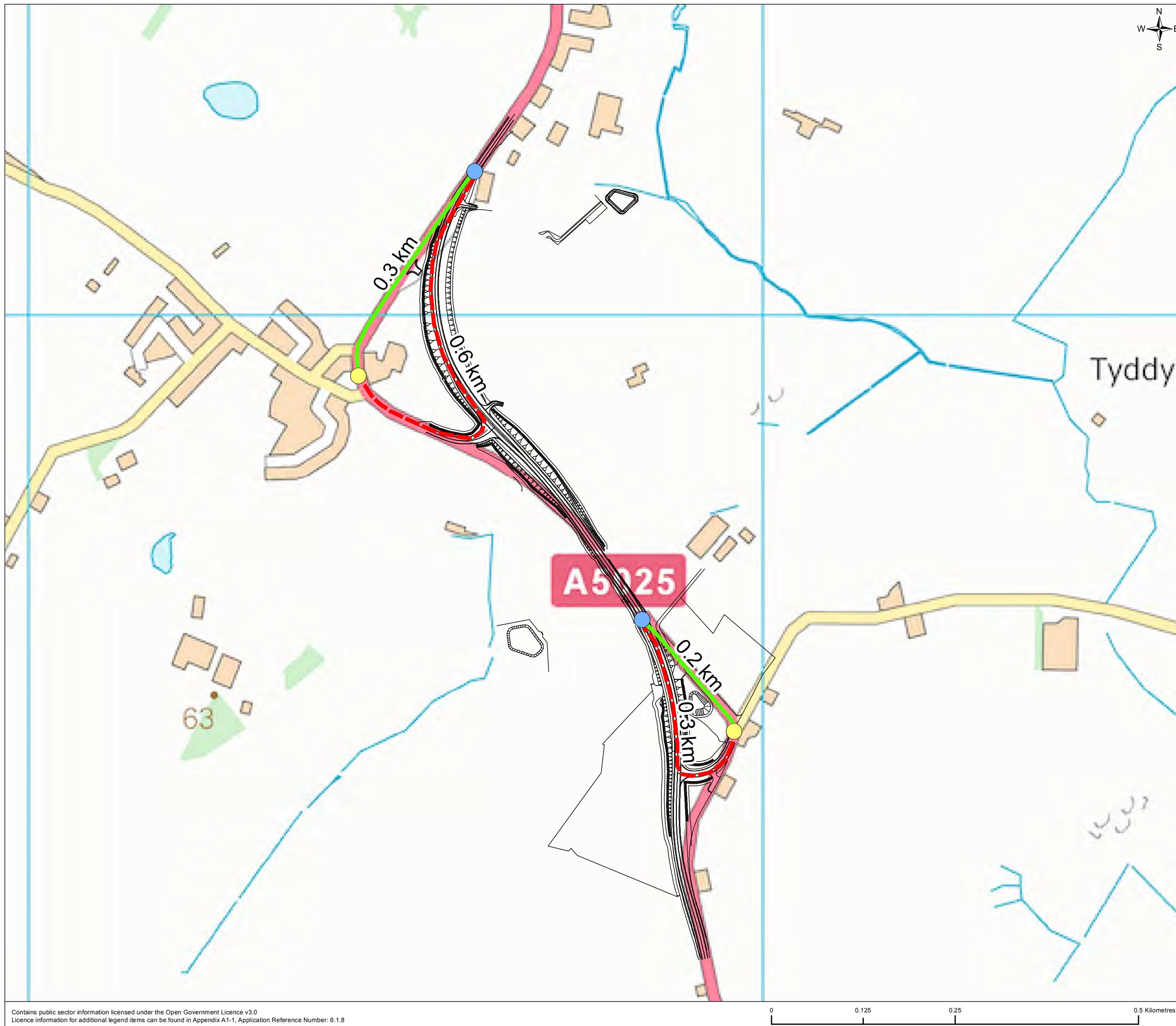
Drawing Title

A5025 OFF-LINE HIGHWAY IMPROVEMENTS  
 CHANGE IN VEHICLE ACCESS

Scale @ A3 1:5,000 DO NOT SCALE  
 Jacobs No. 60PO8077  
 Client No.  
 Drawing No. 60PO8077\_DCO\_VOL\_G\_03\_03a

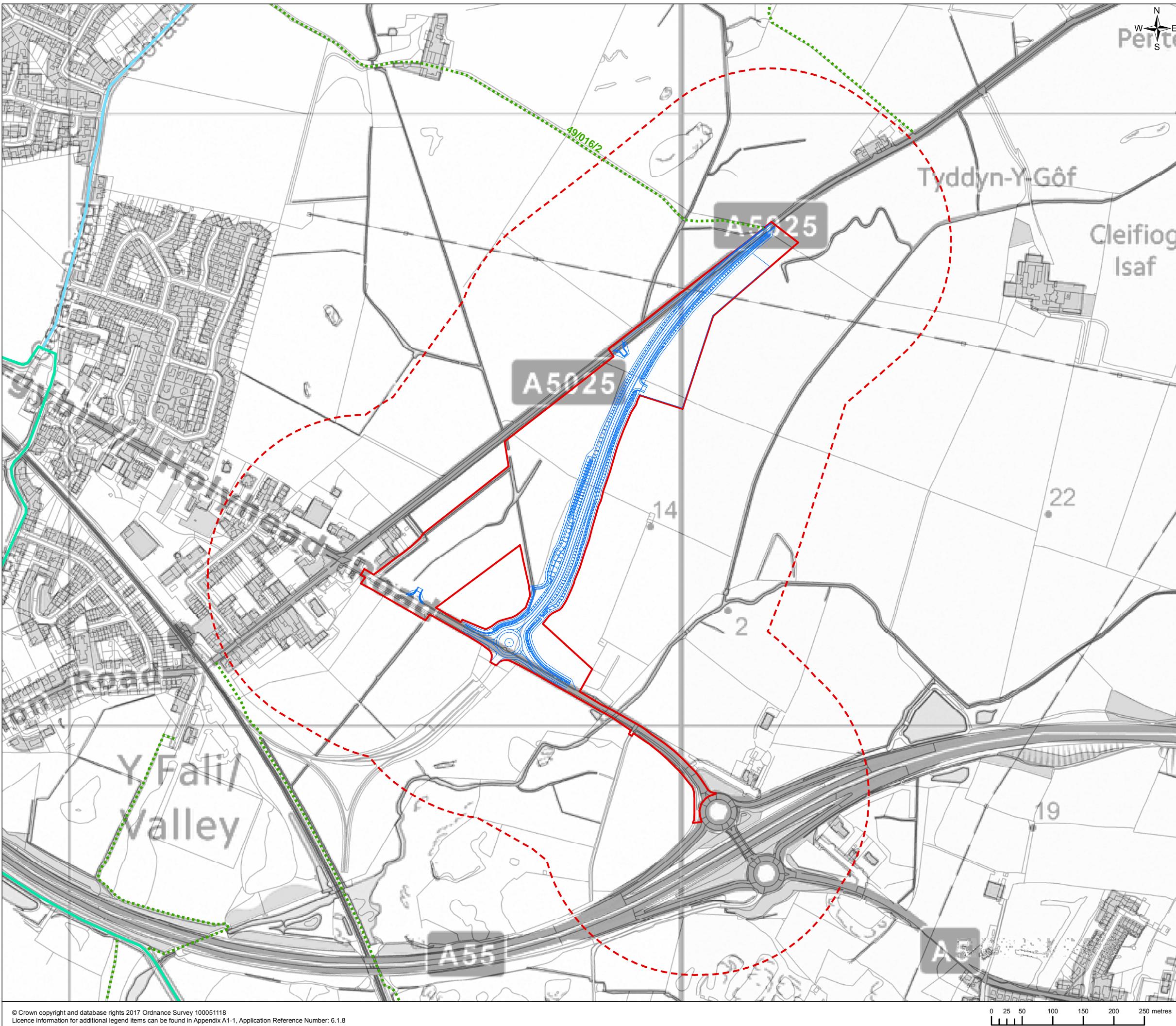
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

**FIGURE G3-3b**



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
A5025 OFF-LINE HIGHWAY IMPROVEMENTS CHANGE IN VEHICLE ACCESS						
Scale @ A3	1:5,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_03_03b					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G4-1**

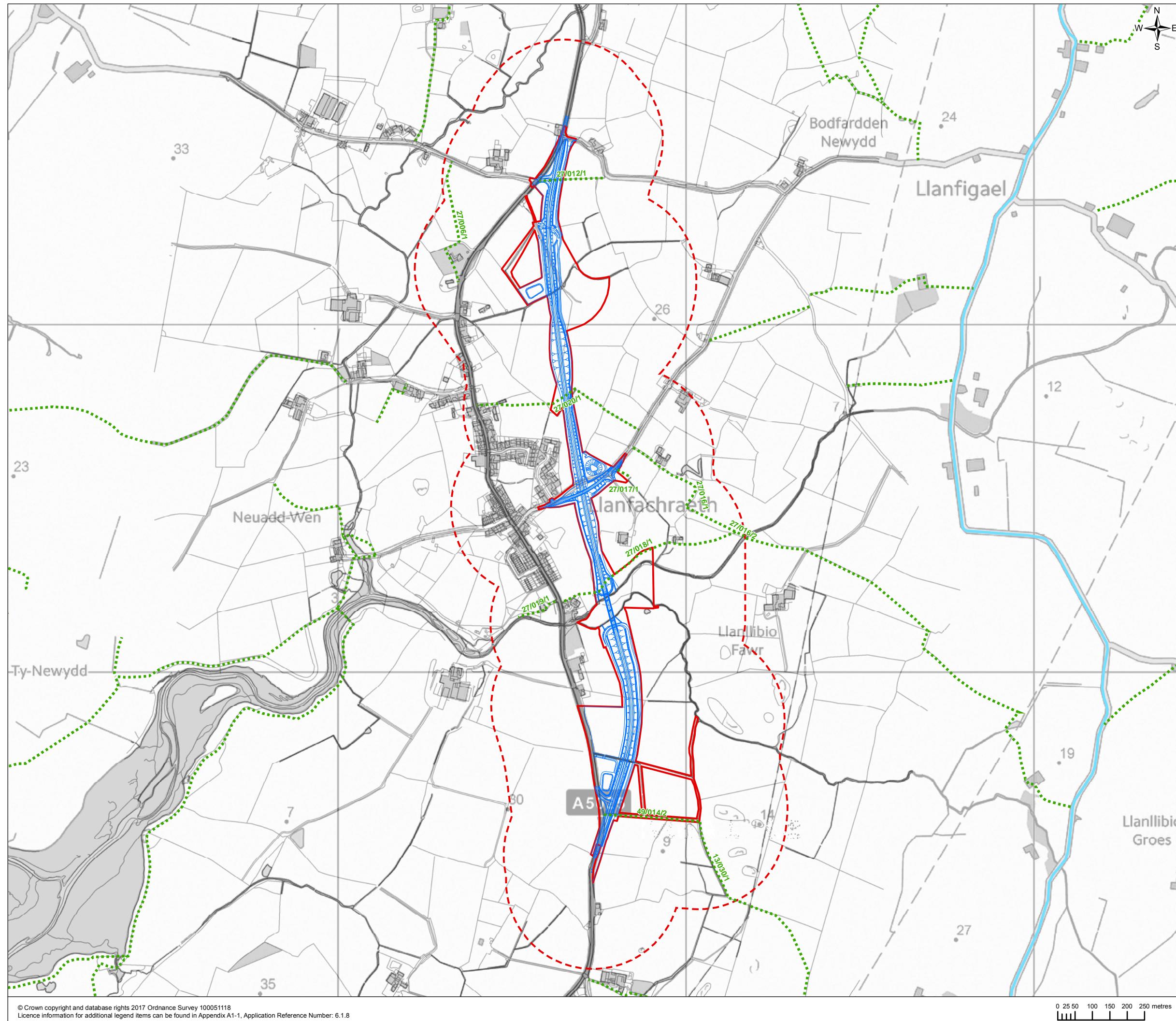


Legend					
	A5025 Off-line Highway Improvements				
<span style="border: 1px solid red; display: inline-block; width: 15px; height: 15px;"></span>	A5025 Off-line Highway Improvements order limit				
<span style="border: 1px dashed red; display: inline-block; width: 15px; height: 15px;"></span>	Study area				
<span style="border: 1px dotted green; display: inline-block; width: 15px; height: 15px;"></span>	Public Right of Way				
	National Cycle Network Route 5				
	National Cycle Network Route 8				

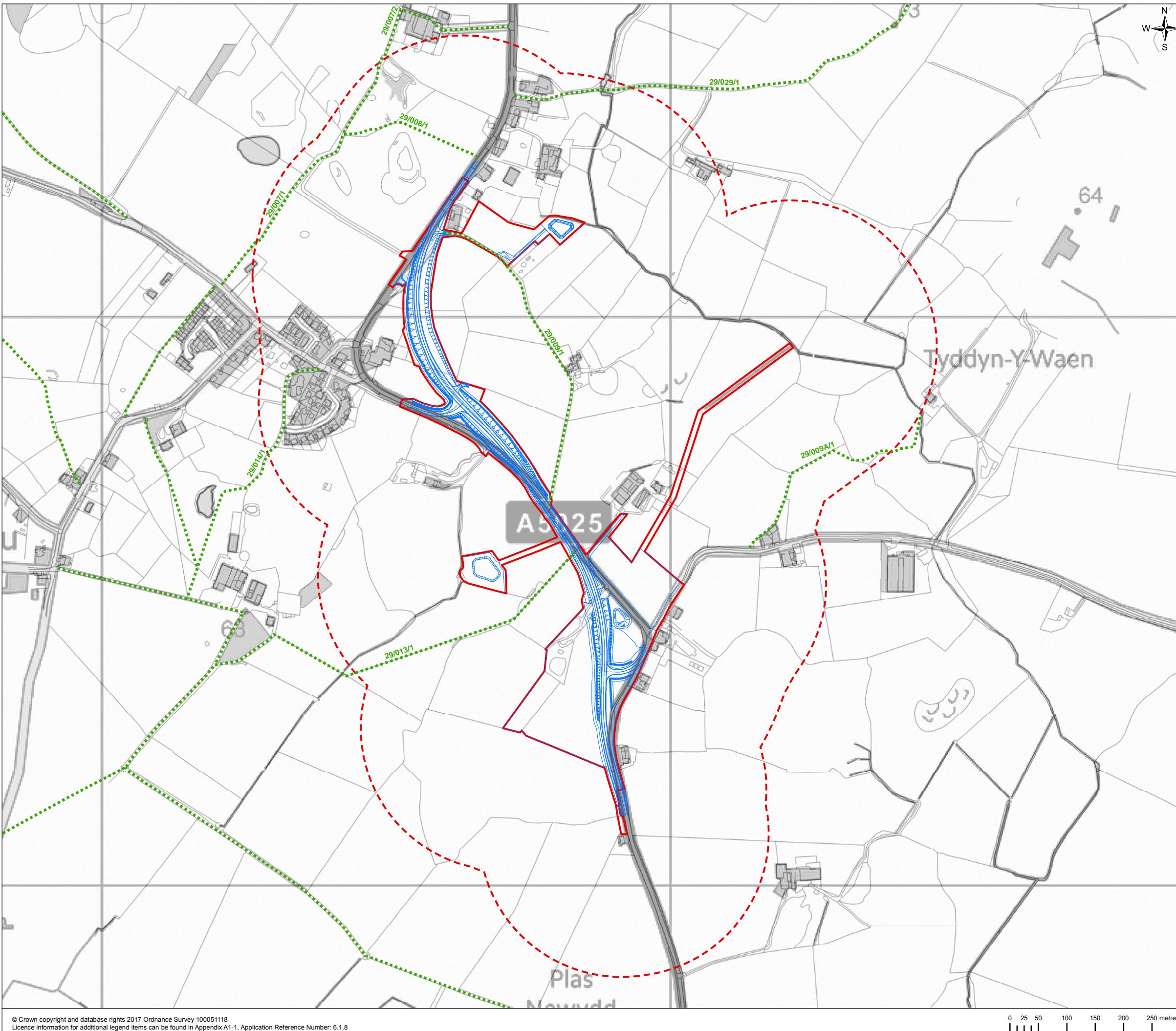
  
  

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b>						
NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT						
ENVIRONMENTAL STATEMENT						
Drawing Title						
A5025 OFF-LINE HIGHWAY IMPROVEMENTS						
PUBLIC ACCESS AND RECREATION BASELINE -						
SECTION 1						
Scale @ A3	1:6,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.						
60PO8077_DCO_VOL_G_04_01						
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G4-2**



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
A5025 OFF-LINE HIGHWAY IMPROVEMENTS PUBLIC ACCESS AND RECREATION BASELINE - SECTION 3						
Scale @ A3	1:10,500	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_04_02					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						



## FIGURE G4-3

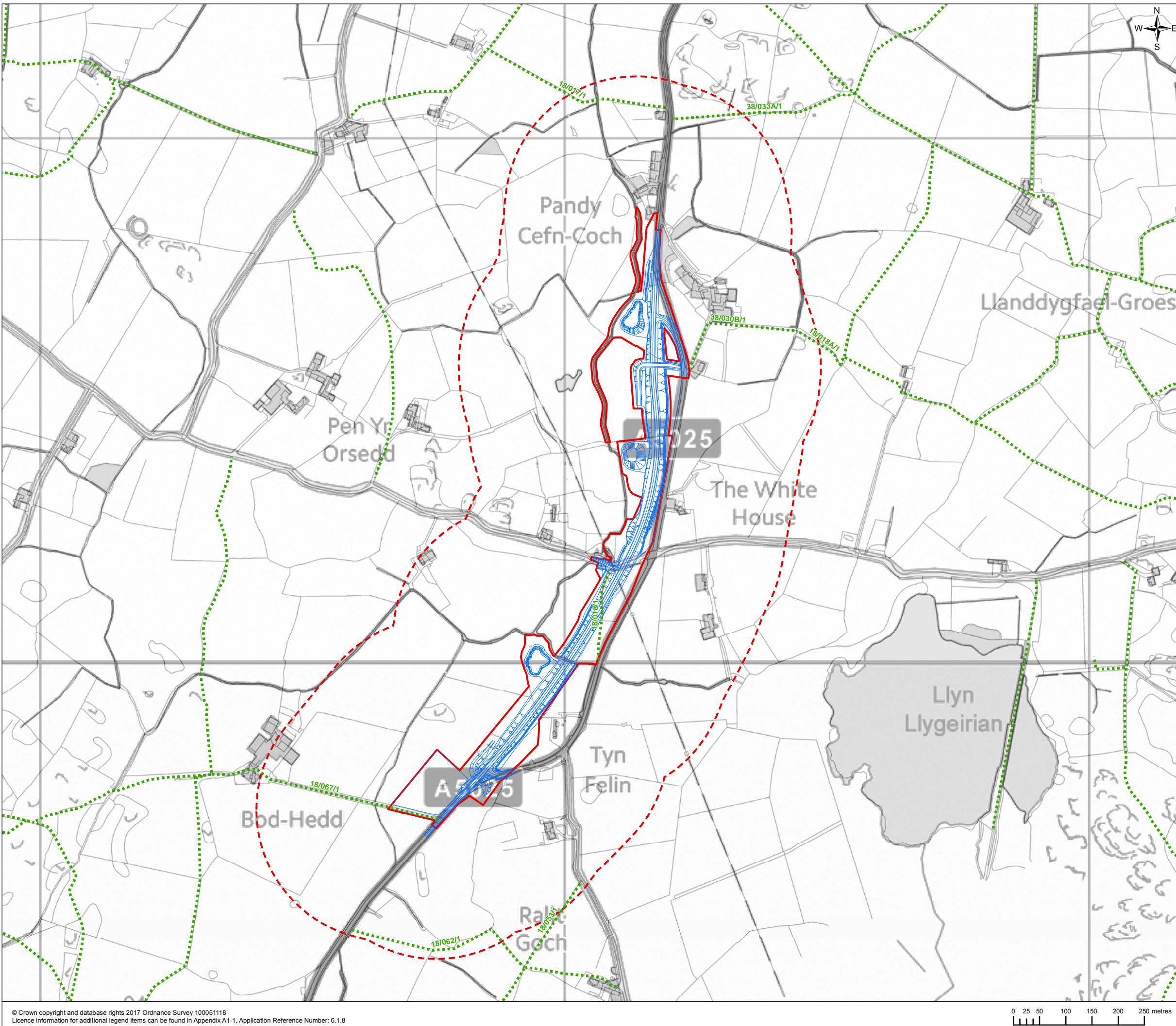
### Legend

- A5025 Off-line Highway Improvements
- A5025 Off-line Highway Improvements order limit
- Study area
- Public Right of Way



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Client						
 <p><b>HORIZON</b> NUCLEAR POWER</p>						
Project						
<p style="text-align: center;"><b>WYLFA NEWYDD PROJECT</b> <b>ENVIRONMENTAL STATEMENT</b></p>						
Drawing Title						
<p style="text-align: center;"><b>A5025 OFF-LINE HIGHWAY IMPROVEMENTS</b> <b>PUBLIC ACCESS AND RECREATION BASELINE -</b> <b>SECTION 5</b></p>						
Scale @ A3	1:6,500			DO NOT SCALE		
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_04_03					
<p>This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.</p>						

**FIGURE G4-4**



**Legend**

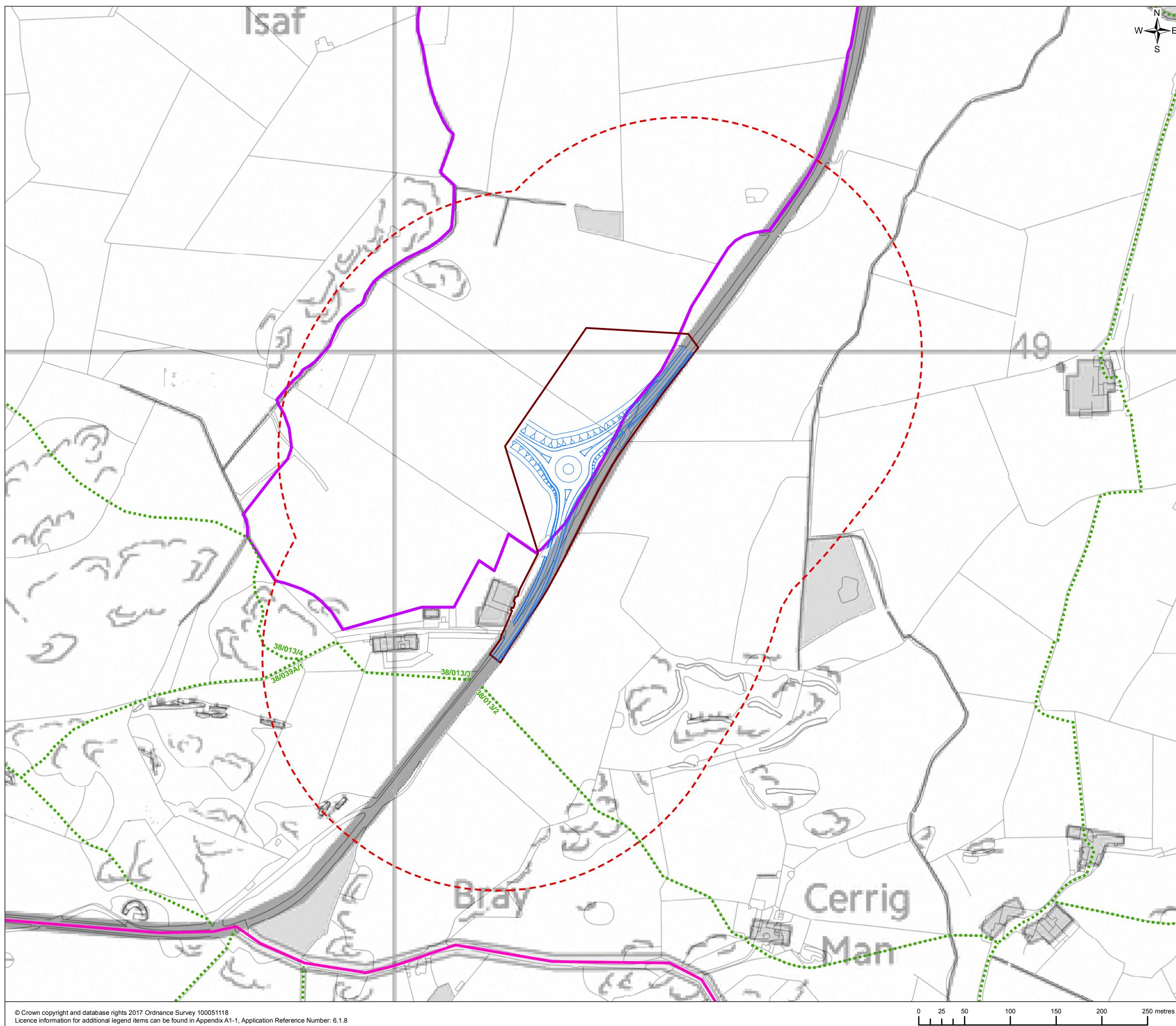
- A5025 Off-line Highway Improvements
- A5025 Off-line Highway Improvements order limit
- Study area
- Public Right of Way



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
A5025 OFF-LINE HIGHWAY IMPROVEMENTS PUBLIC ACCESS AND RECREATION BASELINE - SECTION 7						
Scale @ A3	1:7,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.						
60PO8077_DCO_VOL_G_04_04						

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

FIGURE G4-5



Legend

- A5025 Off-line Highway Improvements
- Work package 1J
- Study area
- Public Right of Way
- Wales Coast Path (proposed diversion)
- Proposed Copper Trail diversion



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd

**HORIZON**

NUCLEAR POWER

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title  
A5025 OFF-LINE HIGHWAY IMPROVEMENTS  
PUBLIC ACCESS AND RECREATION BASELINE -  
POWER STATION ACCESS ROAD JUNCTION

Scale @ A3 1:4,000 DO NOT SCALE

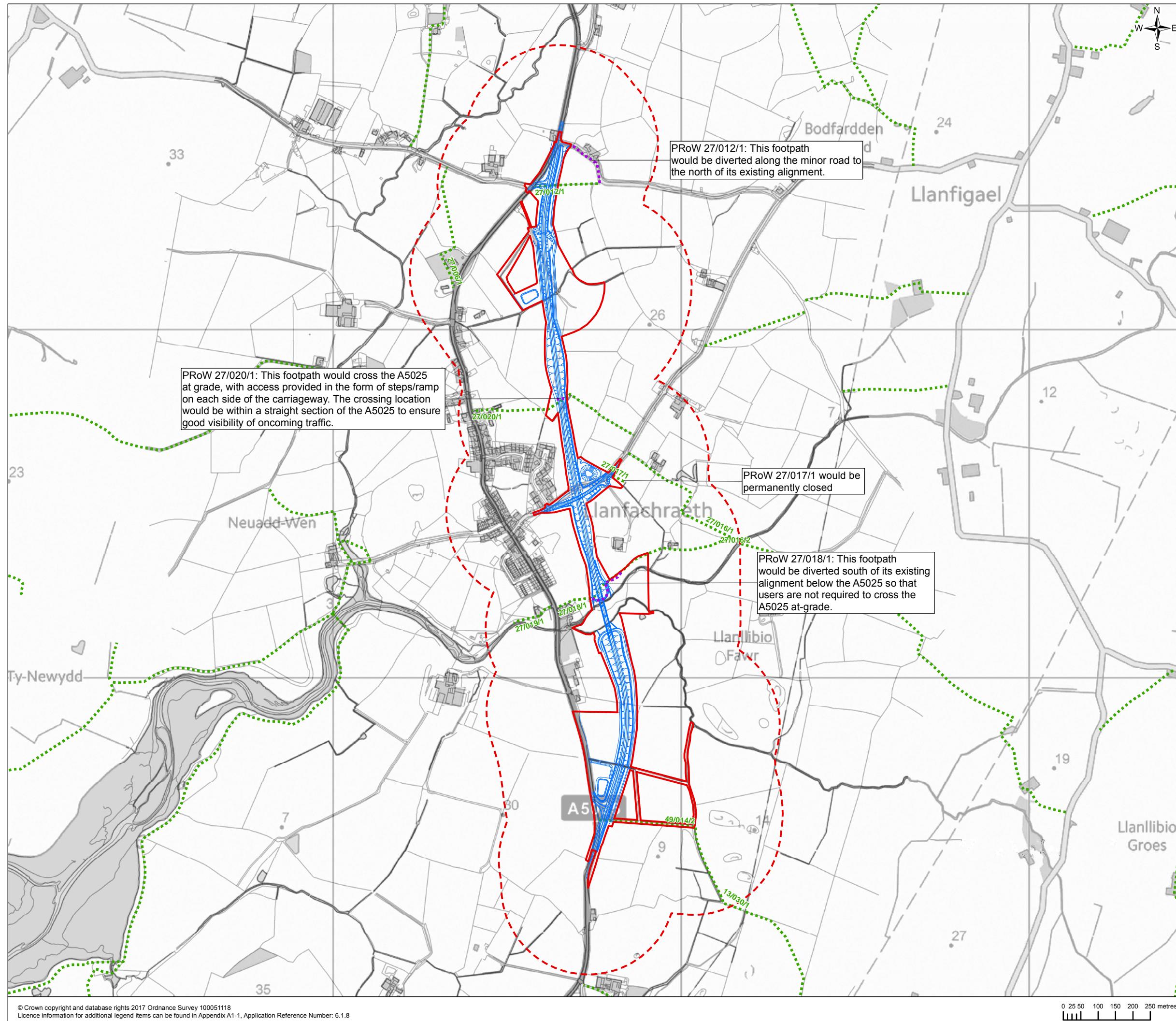
Jacobs No. 60PO8077

Client No.

Drawing No. 60PO8077\_DCO\_VOL\_G\_04\_05

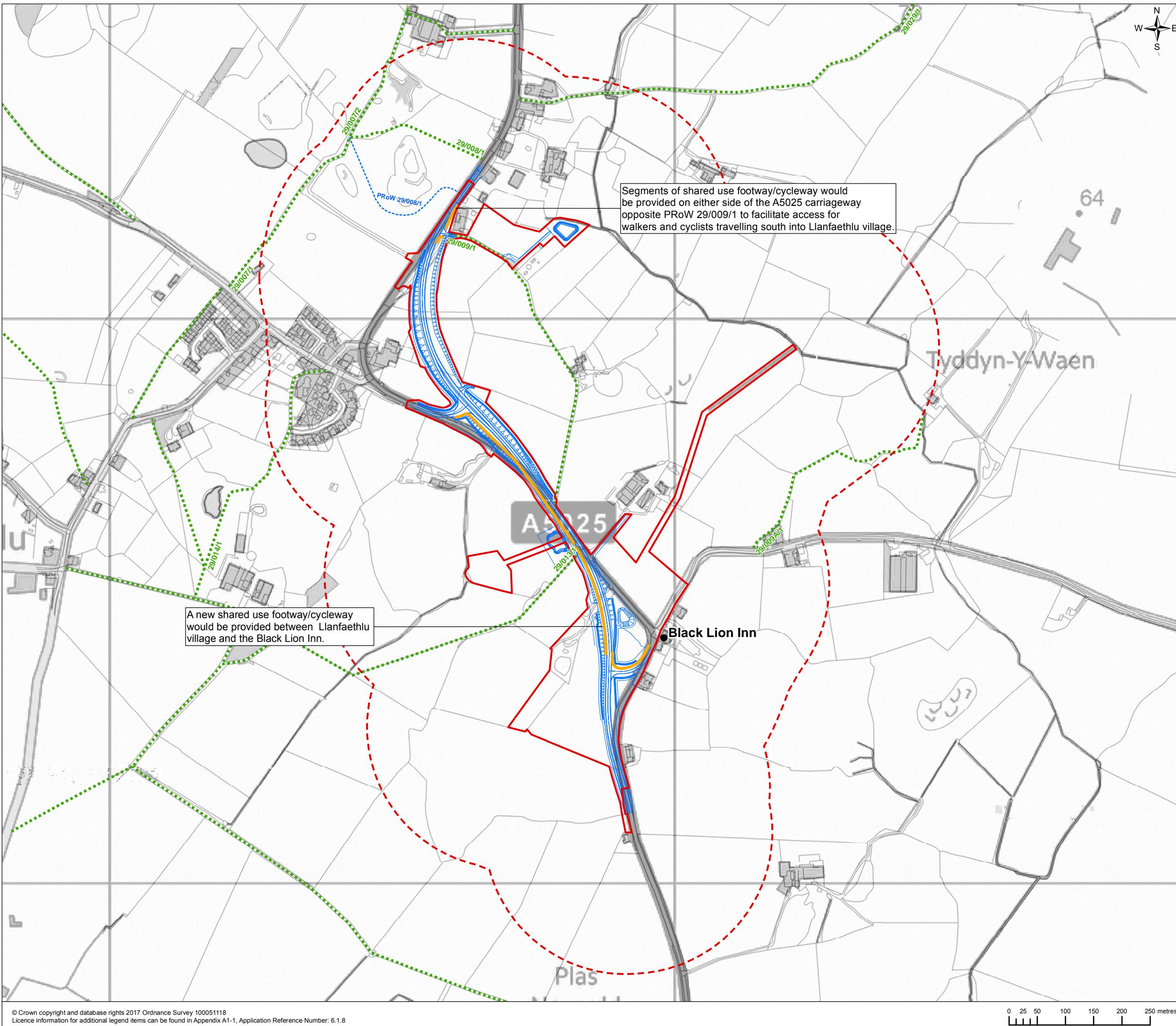
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

**FIGURE G4-6**



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
Client						
<b>HORIZON</b>						
NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
A5025 OFF-LINE HIGHWAY IMPROVEMENTS PUBLIC RIGHT OF WAY DIVERSIONS - SECTION 3						
Scale @ A3	1:10,500	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_04_06					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G4-7**



Legend						
A5025 Off-line Highway Improvements						
A5025 Off-line Highway Improvements order limit						
Study area						
Existing Public Right of Way						
Actual route of PRoW 29/008/01						
Proposed shared use footway/cycleway						

**1.0 MAR 18** DCO submission HNPWL HNPWL HNPWL HNPWL

Rev. Date Purpose of revision Drawn Check'd Rev'd App'd

**Client**

**HORIZON**  
NUCLEAR POWER

**Project**  
WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

**Drawing Title**  
A5025 OFF-LINE HIGHWAY IMPROVEMENTS  
CYCLE PROVISION -  
SECTION 5

Scale @ A3 1:6,500 DO NOT SCALE

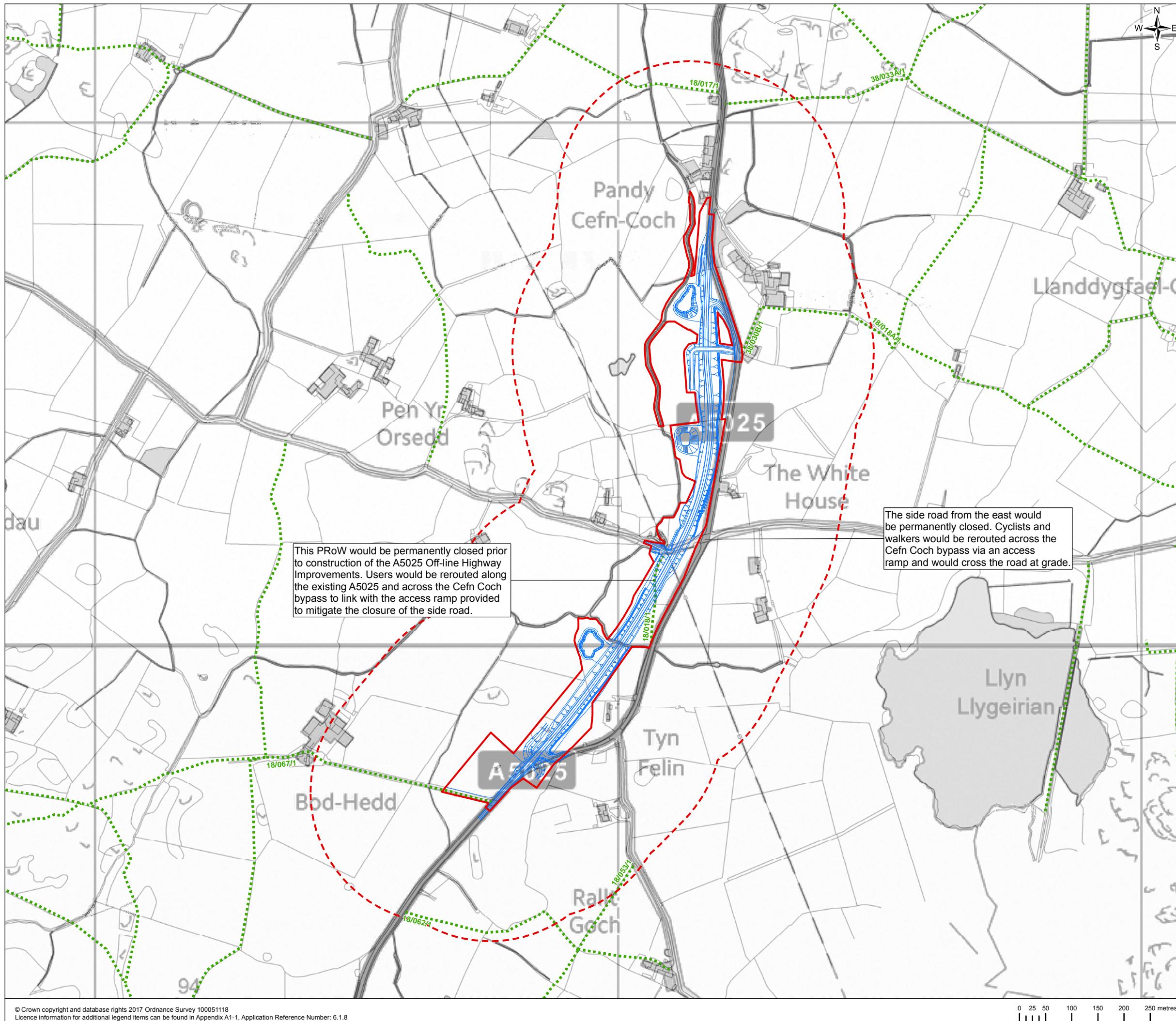
Jacobs No. 60PO8077

Client No.

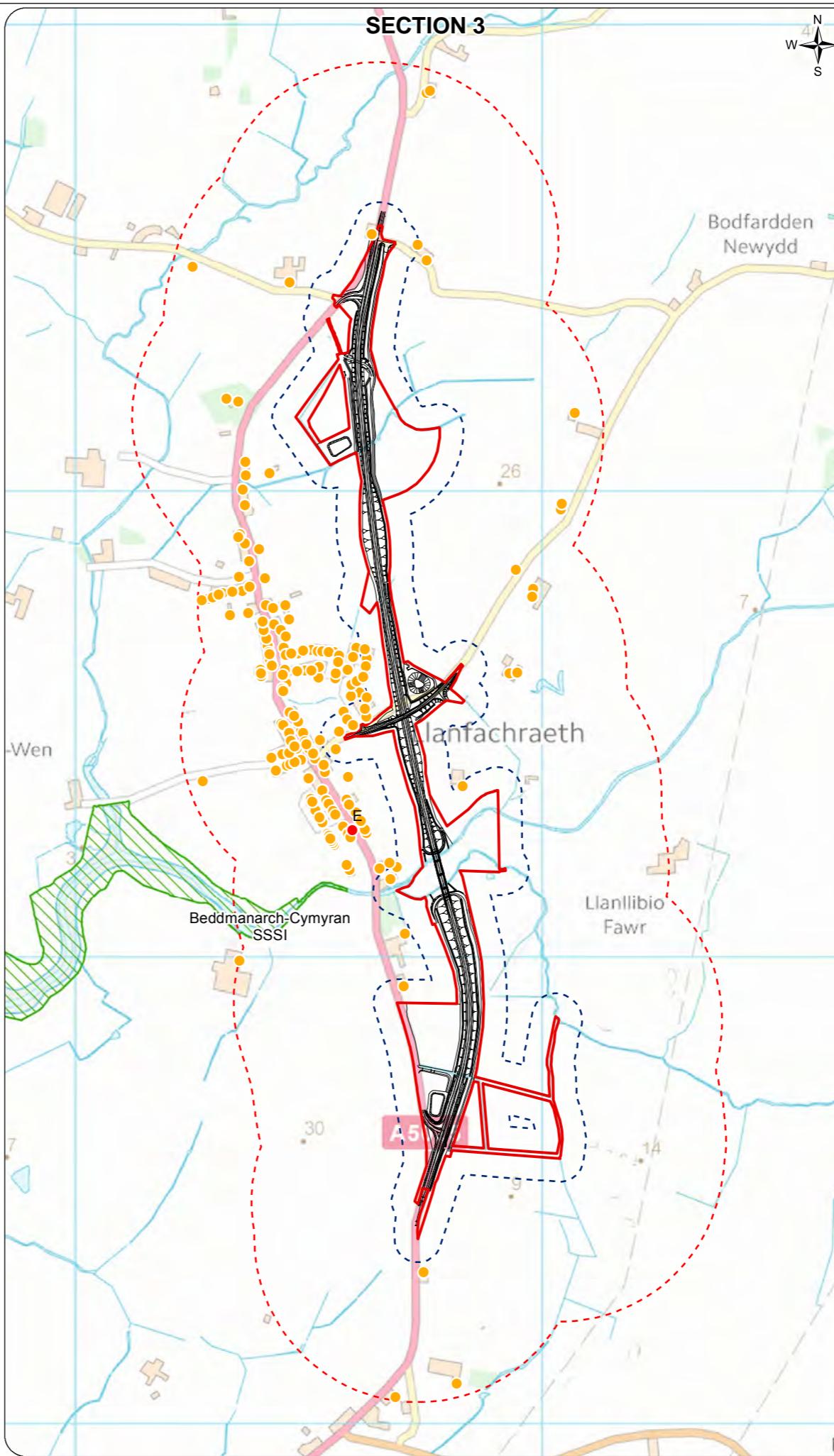
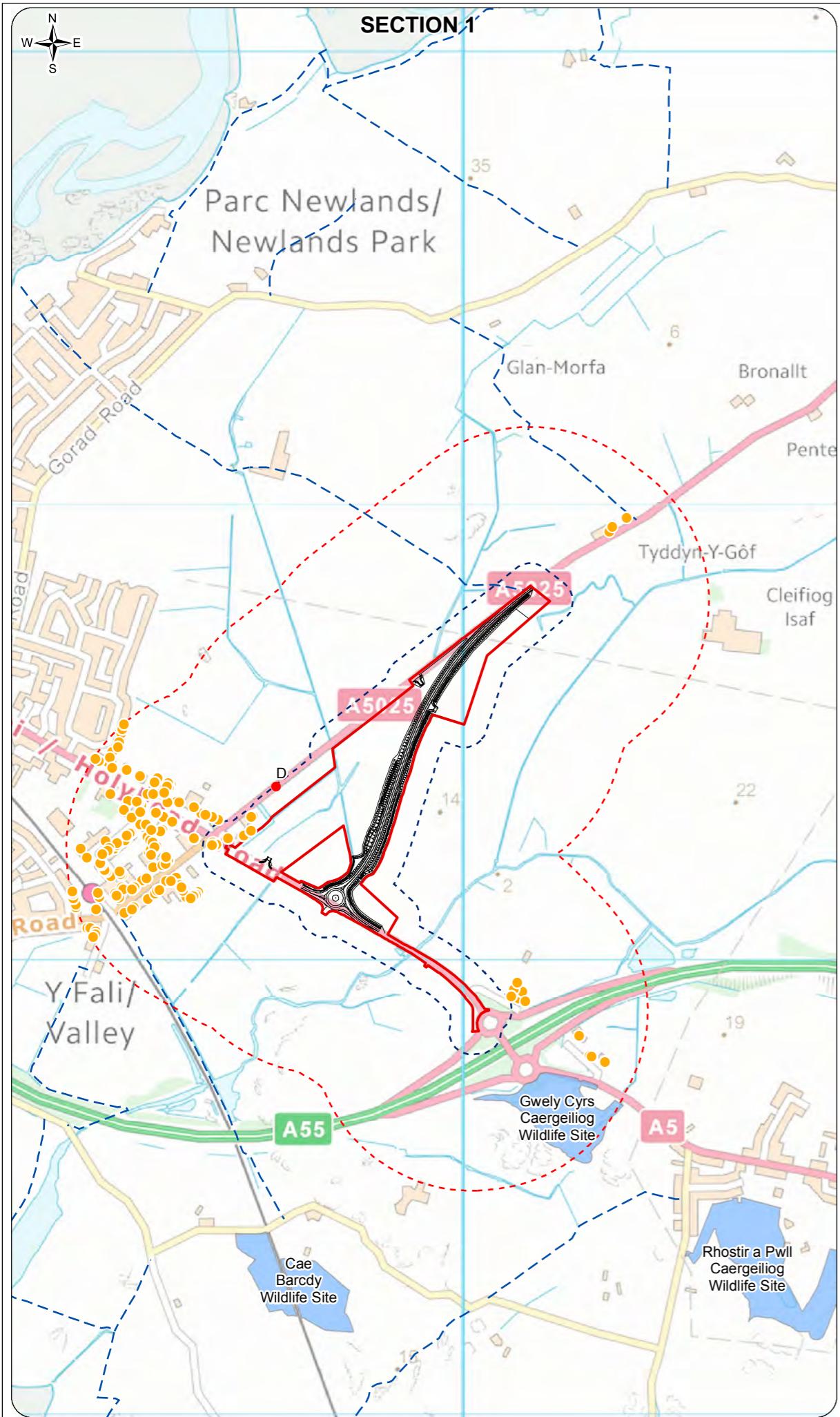
Drawing No. 60PO8077\_DCO\_VOL\_G\_04\_07

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

FIGURE G4-8



1.0		MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date		Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
Client							
<b>HORIZON</b> NUCLEAR POWER							
Project							
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT							
Drawing Title							
A5025 OFF-LINE HIGHWAY IMPROVEMENTS PUBLIC RIGHTS OF WAY PROVISION - SECTION 7							
Scale @ A3	1:7,000	DO NOT SCALE					
Jacobs No.	60PO8077						
Client No.							
Drawing No.	60PO8077_DCO_VOL_G_04_08						
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.							



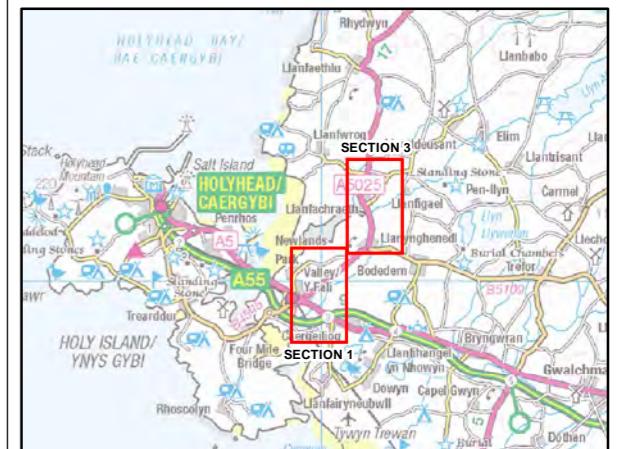
## FIGURE G5-1

## Legend

-  A5025 Off-line Highway Improvements order limit
-  Construction dust assessment study area for ecological receptors (50m from the Off-line section)
-  Construction dust assessment study area for human receptors (350m from the Off-line section)
- A5025 Off-line Highway Improvements section
- Public Rights of Way
- Isle of Anglesey County Council nitrogen dioxide monitoring location
- Human receptor locations

### **Ecological receptor**

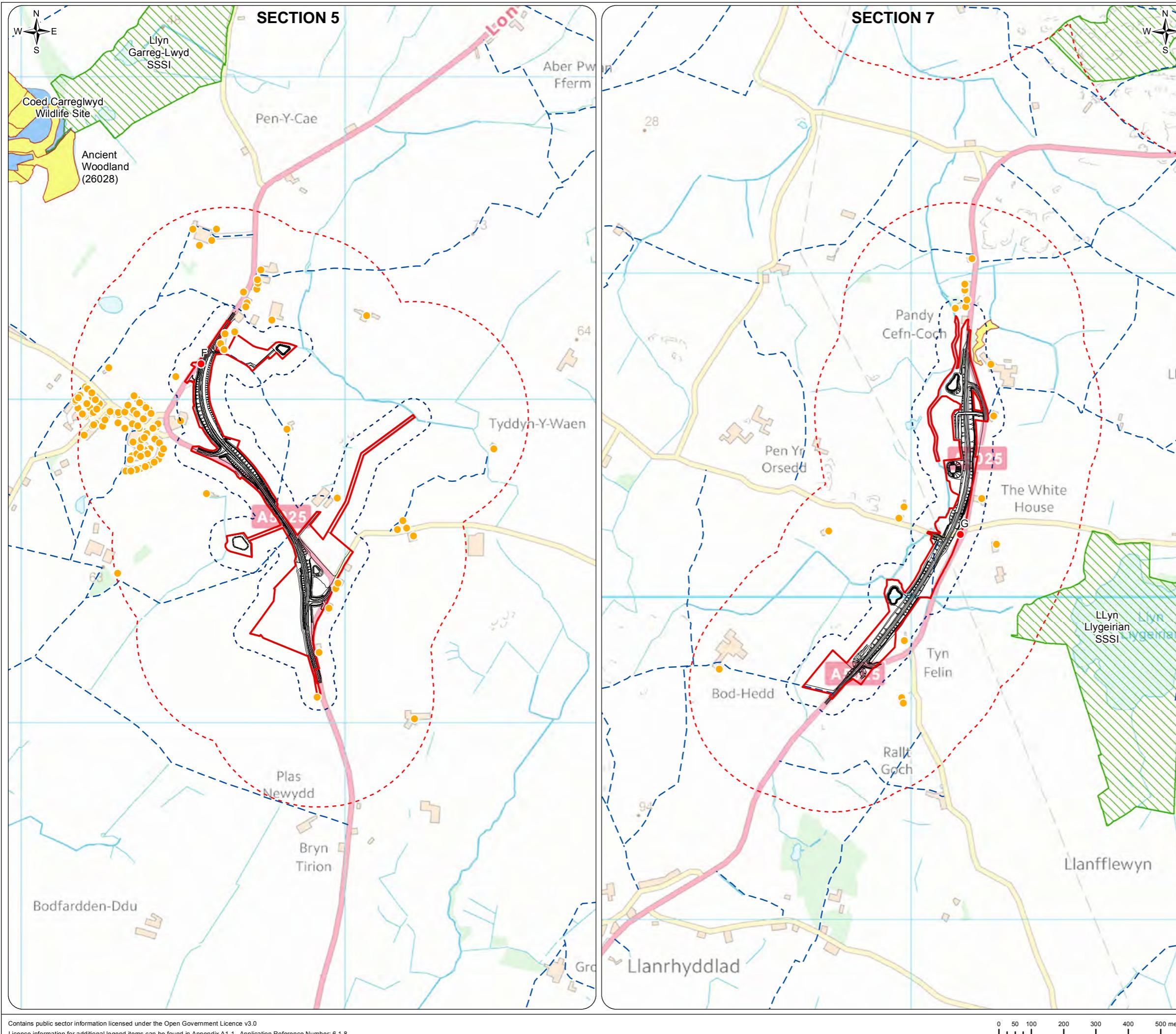
-  Site of Special Scientific Interest (SSSI)
-  Wildlife Site



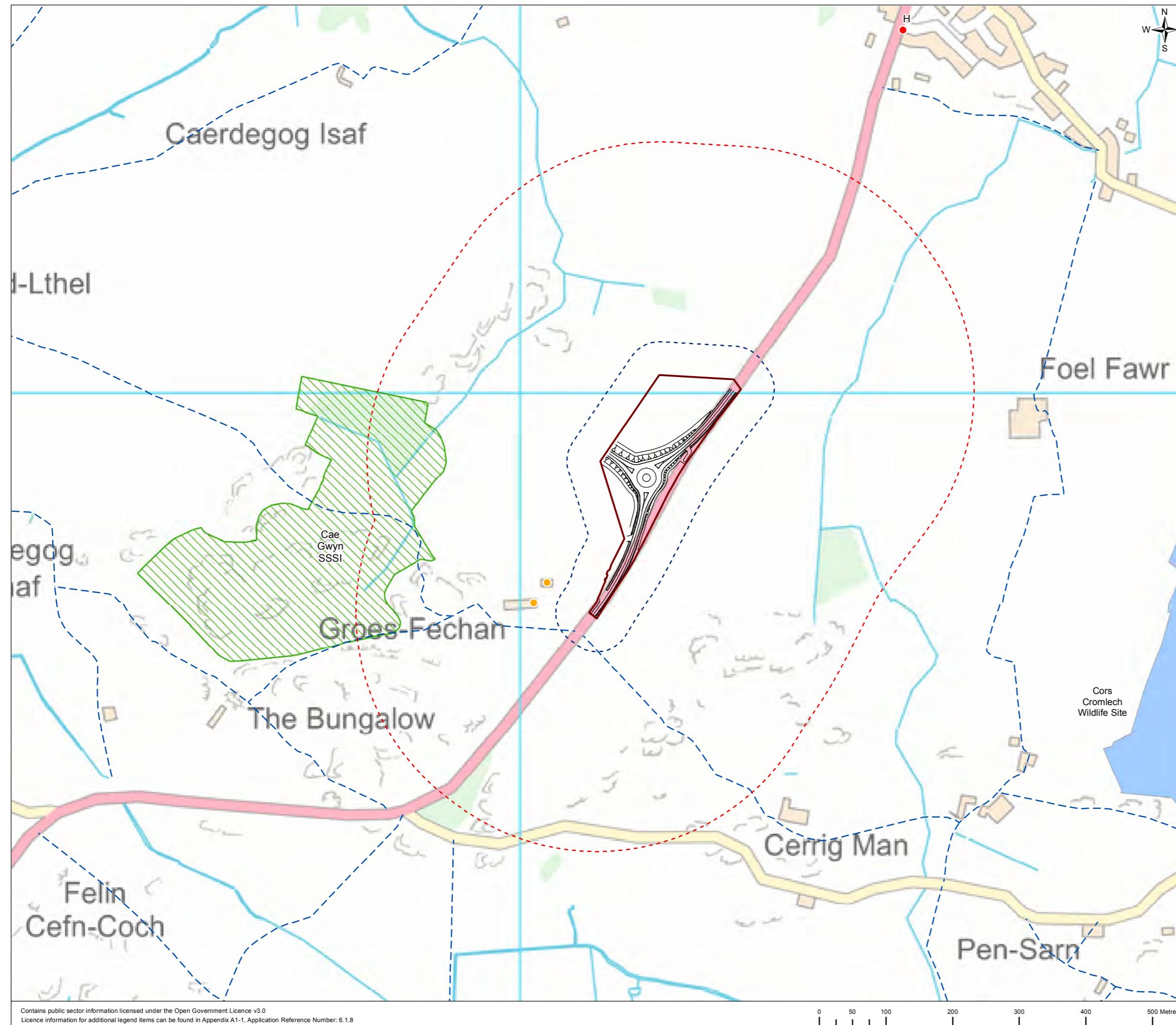
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
Client						
 <p><b>HORIZON</b> NUCLEAR POWER</p>						
Project						
<p style="text-align: center;"><b>WYLFÄ NEWYDD PROJECT</b> <b>ENVIRONMENTAL STATEMENT</b></p>						
Drawing Title						
<p style="text-align: center;"><b>AIR QUALITY STUDY AREA AND RECEPTOR LOCATIONS IN THE VICINITY OF SECTIONS 1 AND 3 OF THE A5025 OFF-LINE HIGHWAY IMPROVEMENTS</b></p>						
Scale @ A3	1:11,500			DO NOT SCALE		
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_05_01					

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

**FIGURE G5-2**



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
AIR QUALITY STUDY AREA AND RECEPTOR LOCATIONS IN THE VICINITY OF SECTIONS 5 AND 7 OF THE A5025 OFF-LINE HIGHWAY IMPROVEMENTS						
Scale @ A3	1:11,500	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_05_02					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						



## FIGURE G5-3

**Legend**

Work package 1J

Construction dust assessment study area for ecological receptors (50m from the Power Station access route junction)

Construction dust assessment study area for human receptors (350m from the Power Station access route junction)

— A5025 Off-line Highway Improvements section

— Public Rights of Way

- Isle of Anglesey County Council nitrogen dioxide monitoring location
- Human receptor locations

**Ecological receptor**

Site of Special Scientific Interest (SSSI)

Wildlife Site

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App

Client

**HORIZON**  
NUCLEAR POWER

Project

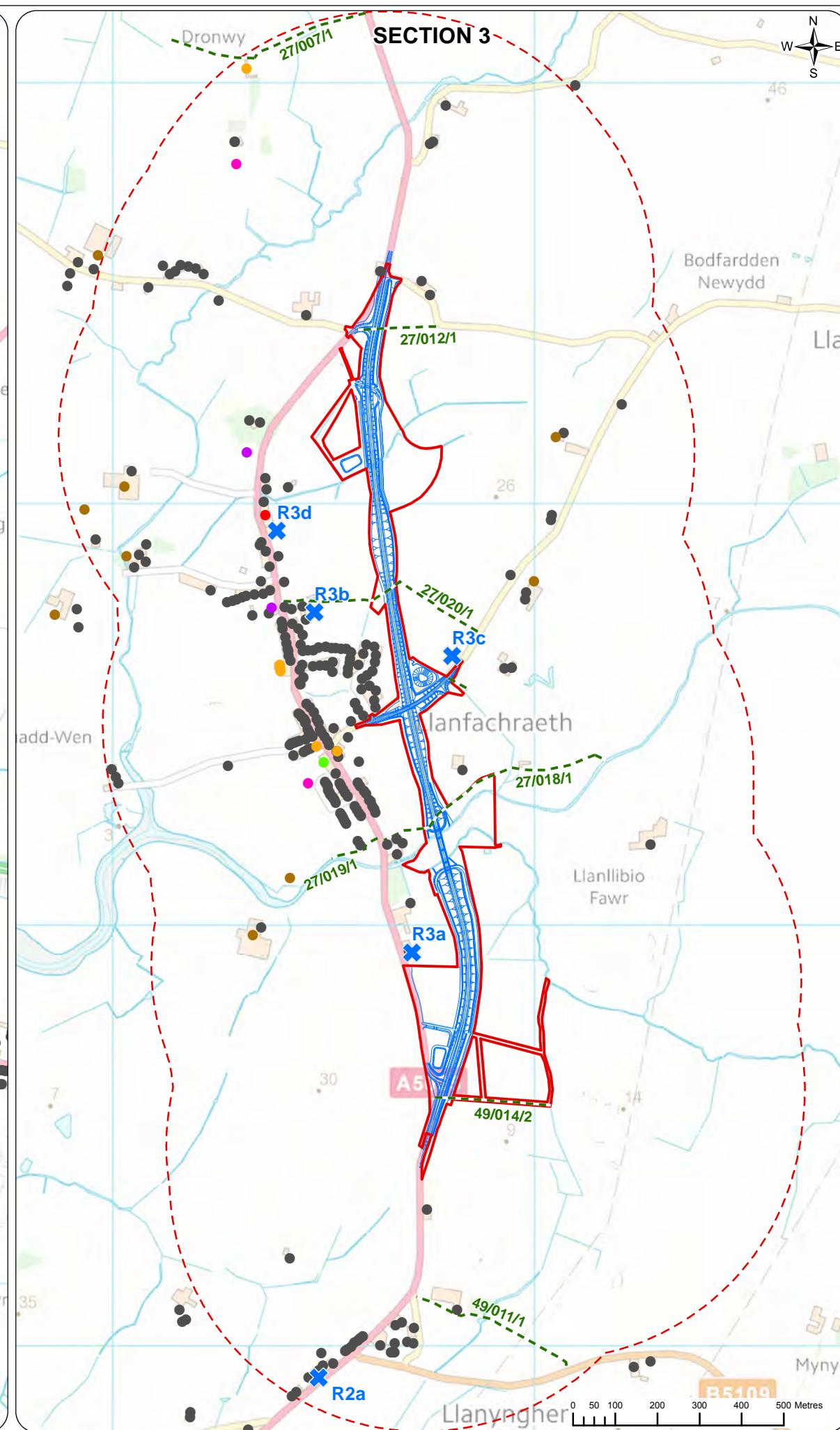
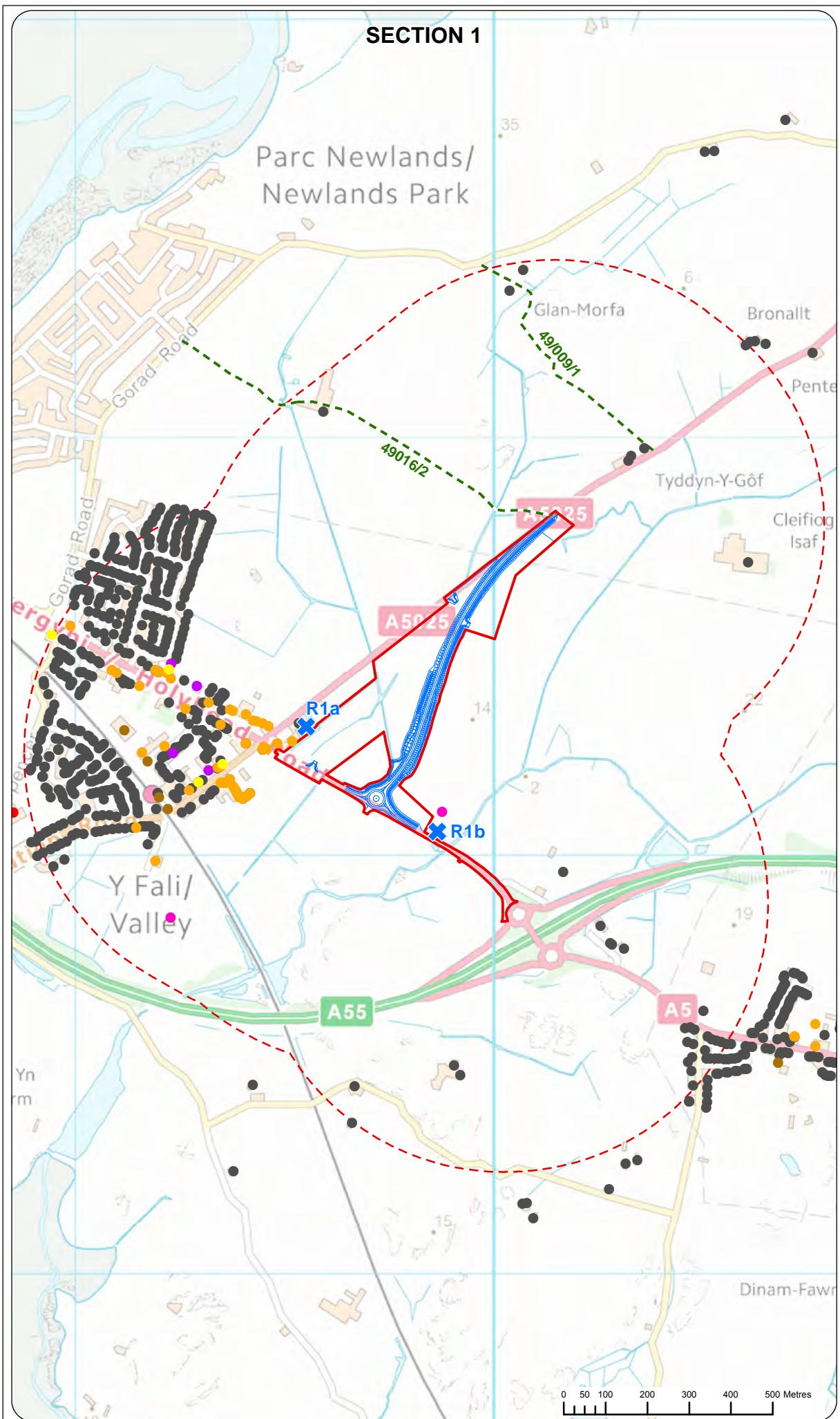
WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title

AIR QUALITY STUDY AREA AND RECEPTOR LOCATIONS  
IN THE VICINITY OF THE POWER STATION ACCESS ROAD  
JUNCTION OF THE A5025 OFF-LINE HIGHWAY IMPROVEMENTS

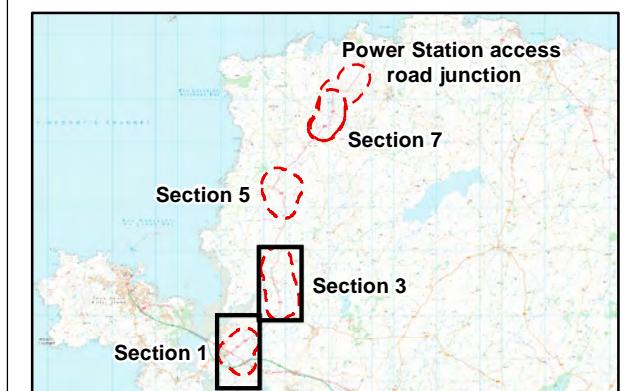
Scale @ A3	1:5,500	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		
Drawing No.	60PO8077_DCO_VOL_G_05_03	

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.



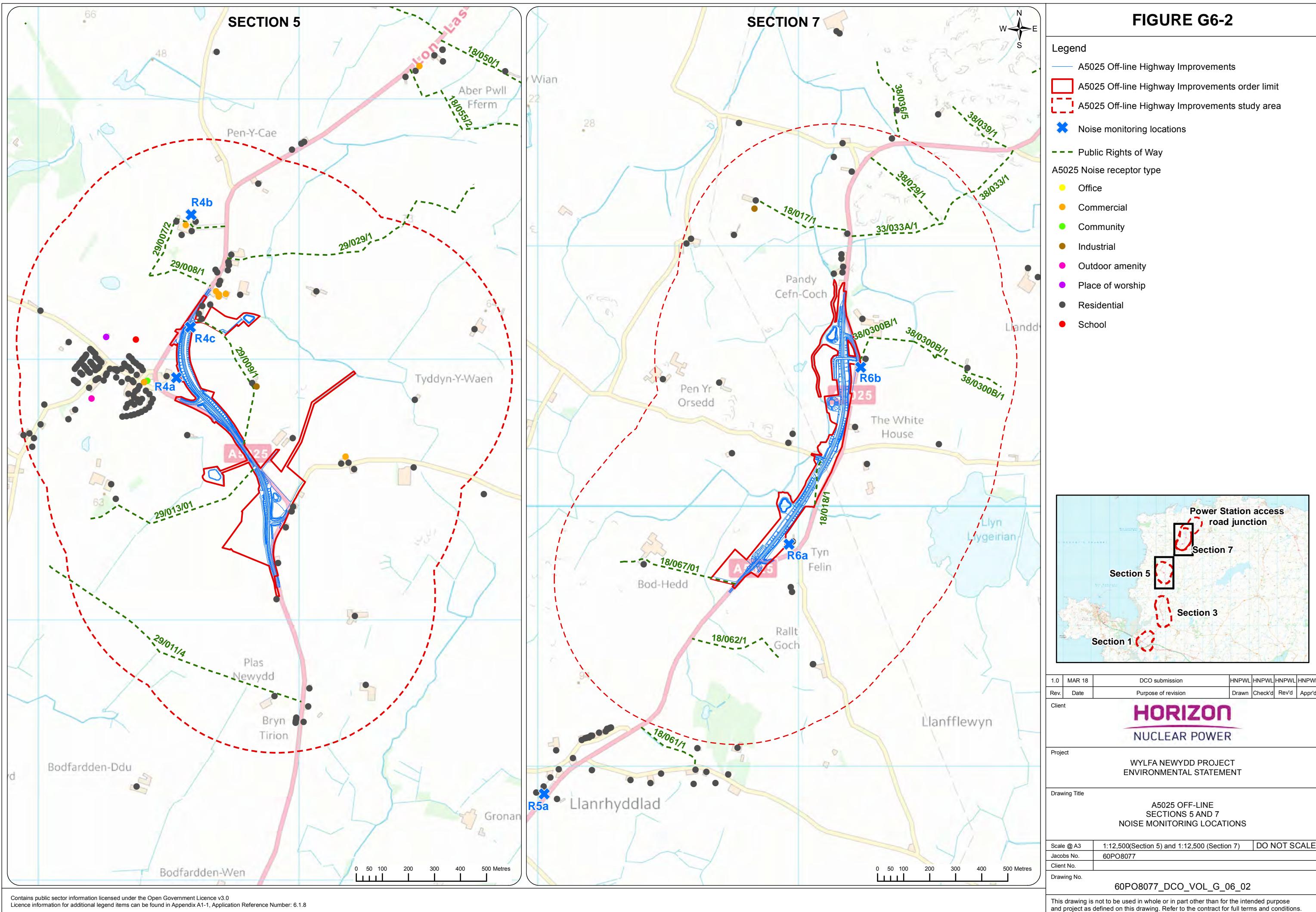
**FIGURE G6-1**

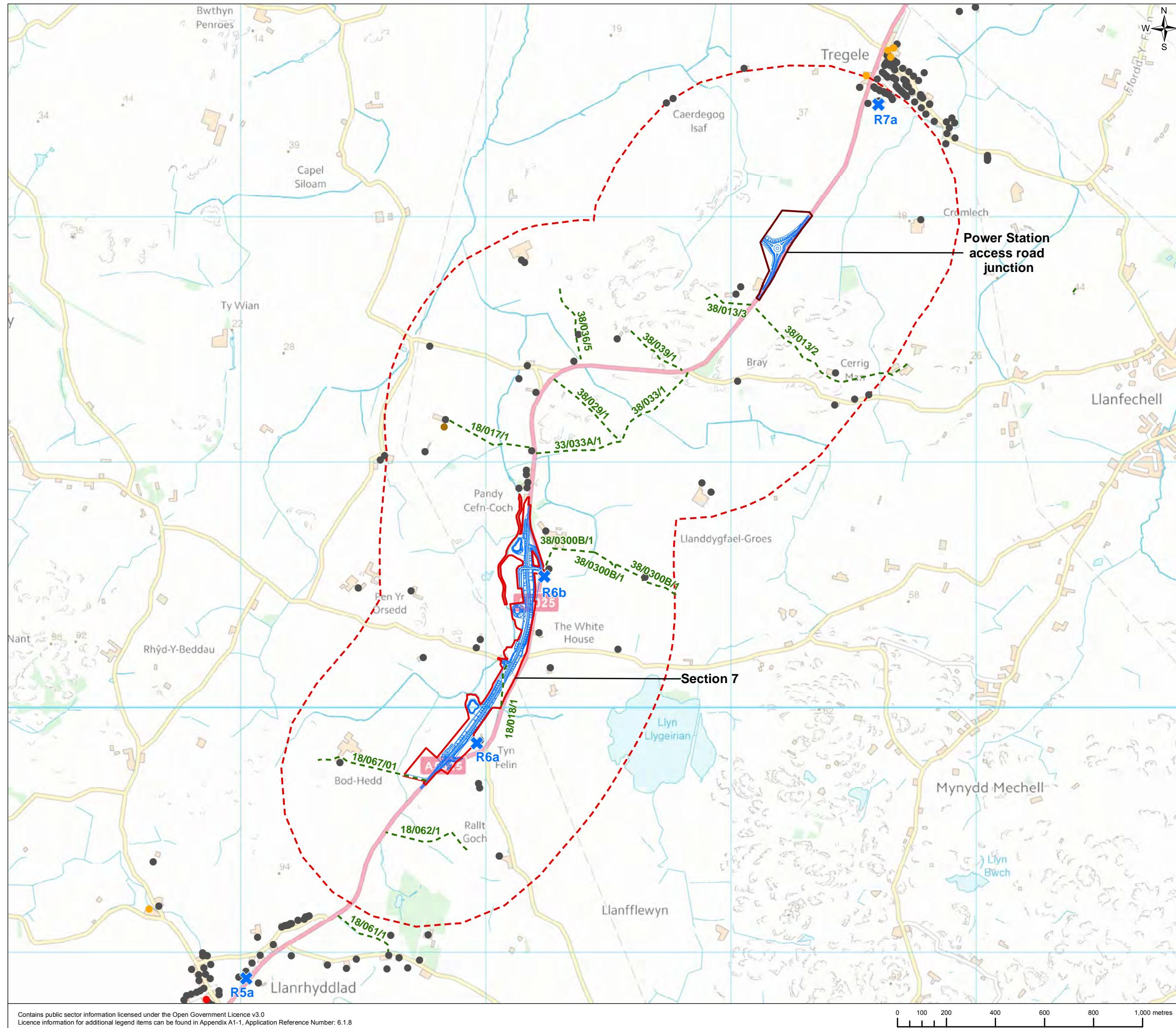
Legend	
A5025 Off-line Highway Improvements	
A5025 Off-line Highway Improvements order limit	
A5025 Off-line Highway Improvements study area	
Noise measurement locations for assessment purposes only	
Public Rights of Way	
A5025 Noise receptor type	
Office	
Commercial	
Community	
Industrial	
Outdoor amenity	
Place of worship	
Residential	
School	



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
A5025 OFF-LINE SECTIONS 1 AND 3 NOISE MONITORING LOCATIONS						
Scale @ A3	1:12,500 (Section 1) and 1:12,500 (Section 3)	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_06_01					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G6-2**





## FIGURE G6-3

**Legend**

- A5025 Off-line Highway Improvements
- A5025 Off-line Highway Improvements order limit
- Work package 1J
- A5025 Off-line Highway Improvements study area
- Noise monitoring locations
- Public Rights of Way

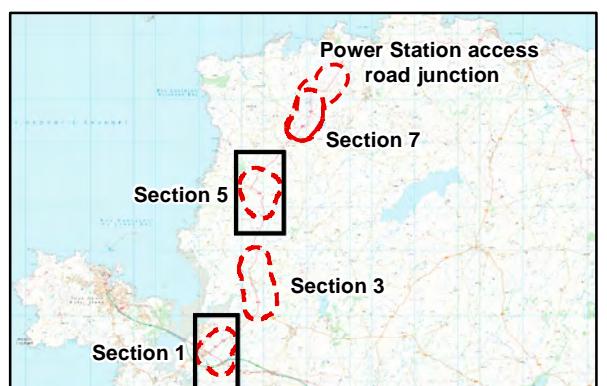
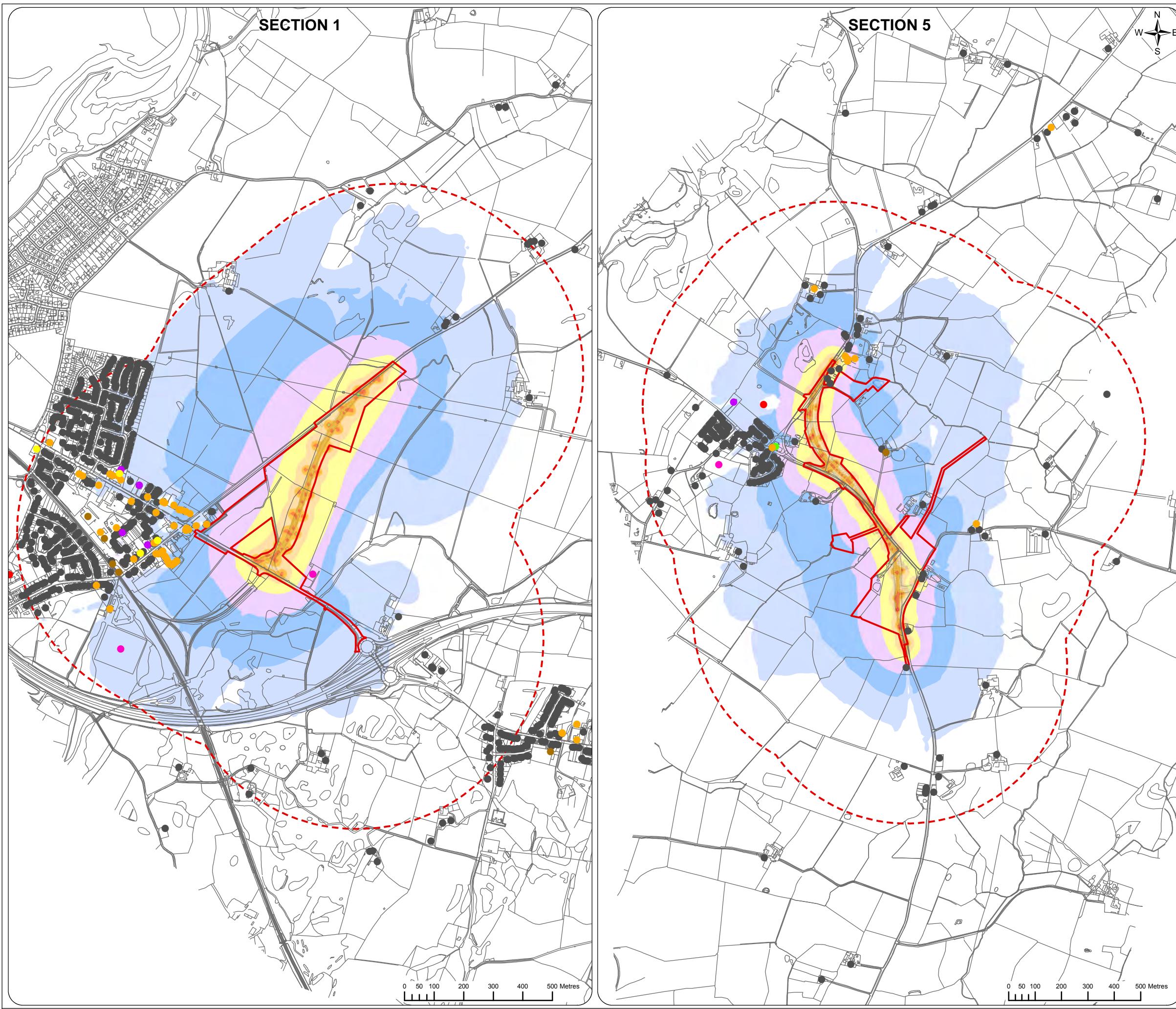
**A5025 Noise receptor type**

- Office
- Commercial
- Community
- Industrial
- Outdoor amenity
- Place of worship
- Residential
- School

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd
Client					
 <b>HORIZON</b> NUCLEAR POWER					
Project					
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT					
Drawing Title					
A5025 OFF-LINE POWER STATION ACCESS ROAD JUNCTION NOISE MONITORING LOCATIONS					
Scale @ A3	1:15,000		DO NOT S		
Jacobs No.	60PO8077				
Client No.					
Drawing No.	60PO8077_DCO_VOL_G_06_03				

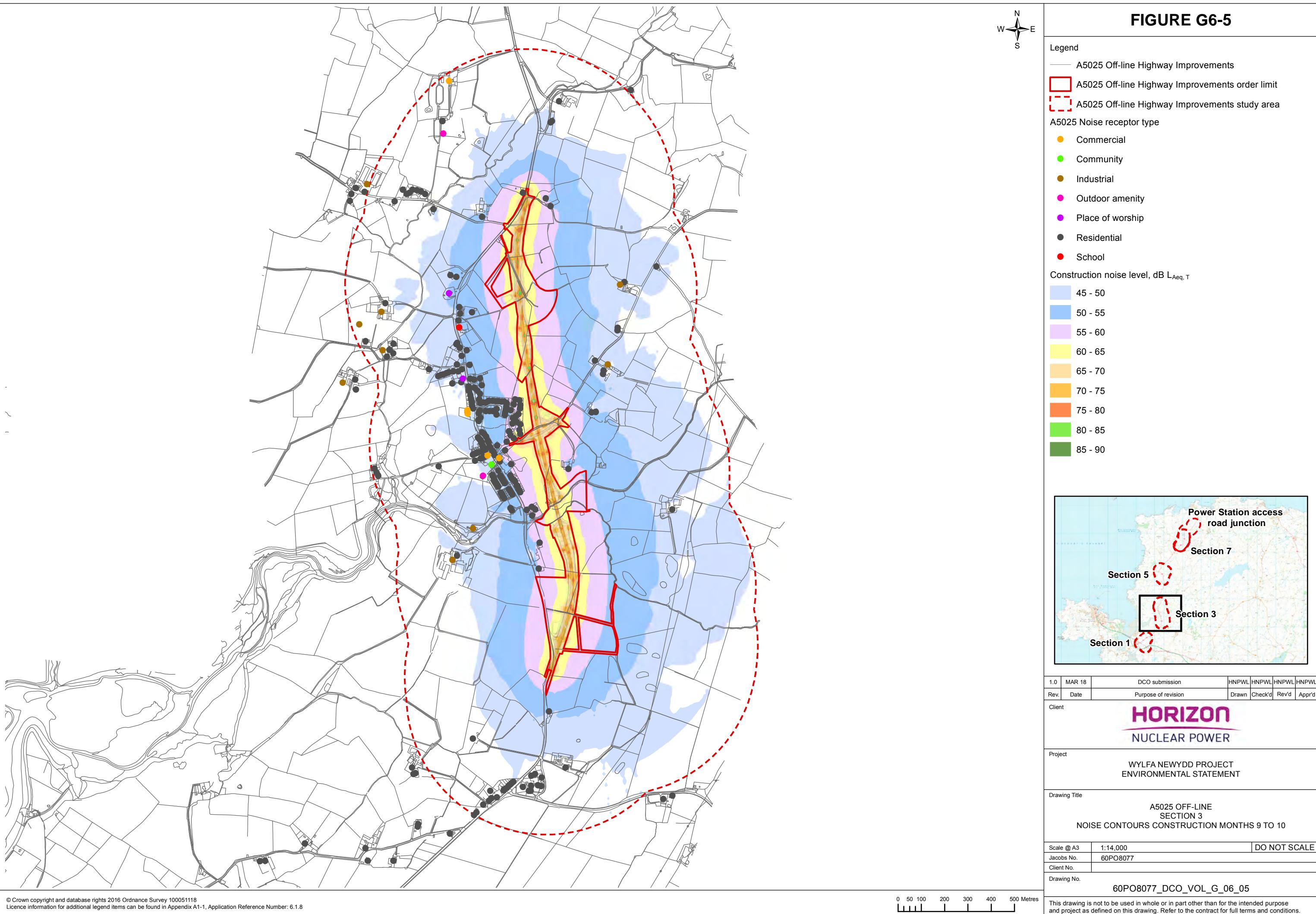
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

FIGURE G6-4

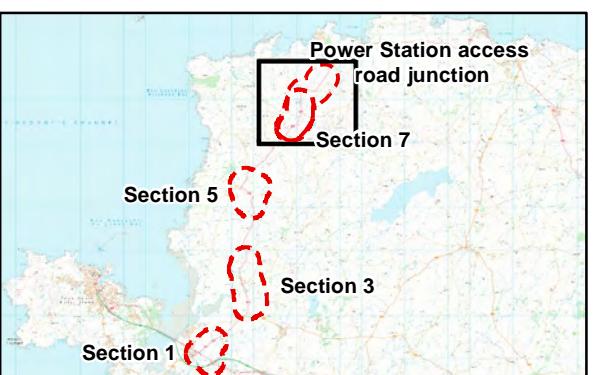
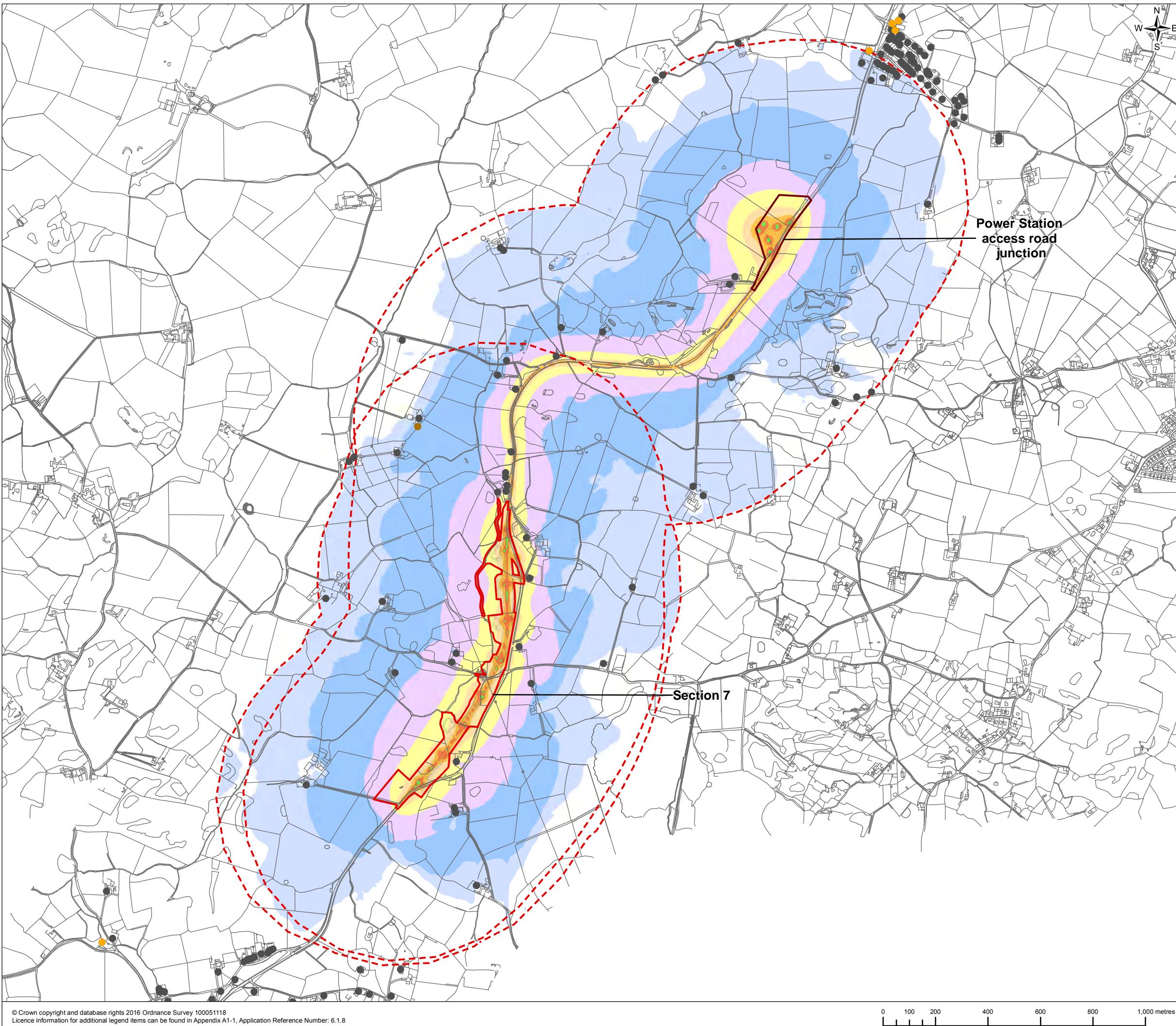


1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
A5025 OFF-LINE SECTIONS 1 AND 5 NOISE CONTOURS CONSTRUCTION MONTHS 3 TO 5						
Scale @ A3	1:12,500 (Section 1) and 1:14,000 (Section 5)	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_06_04					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G6-5**

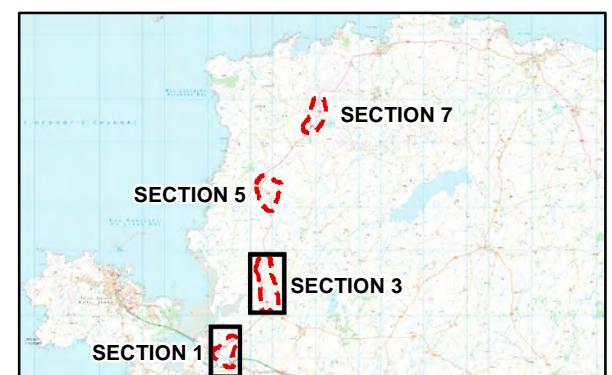
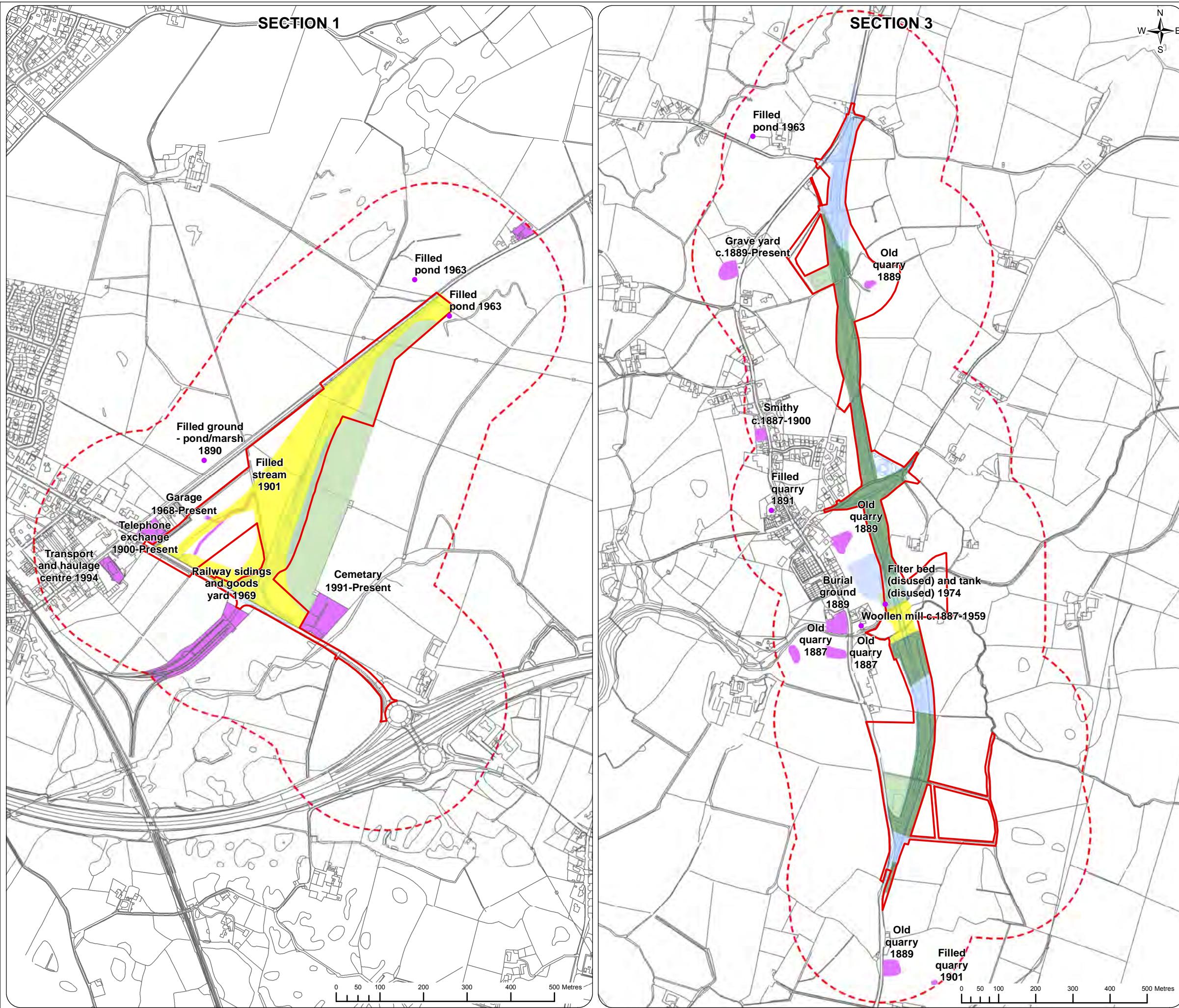


**FIGURE G6-6**



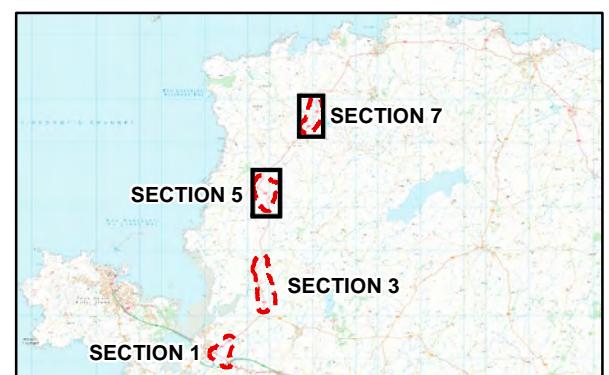
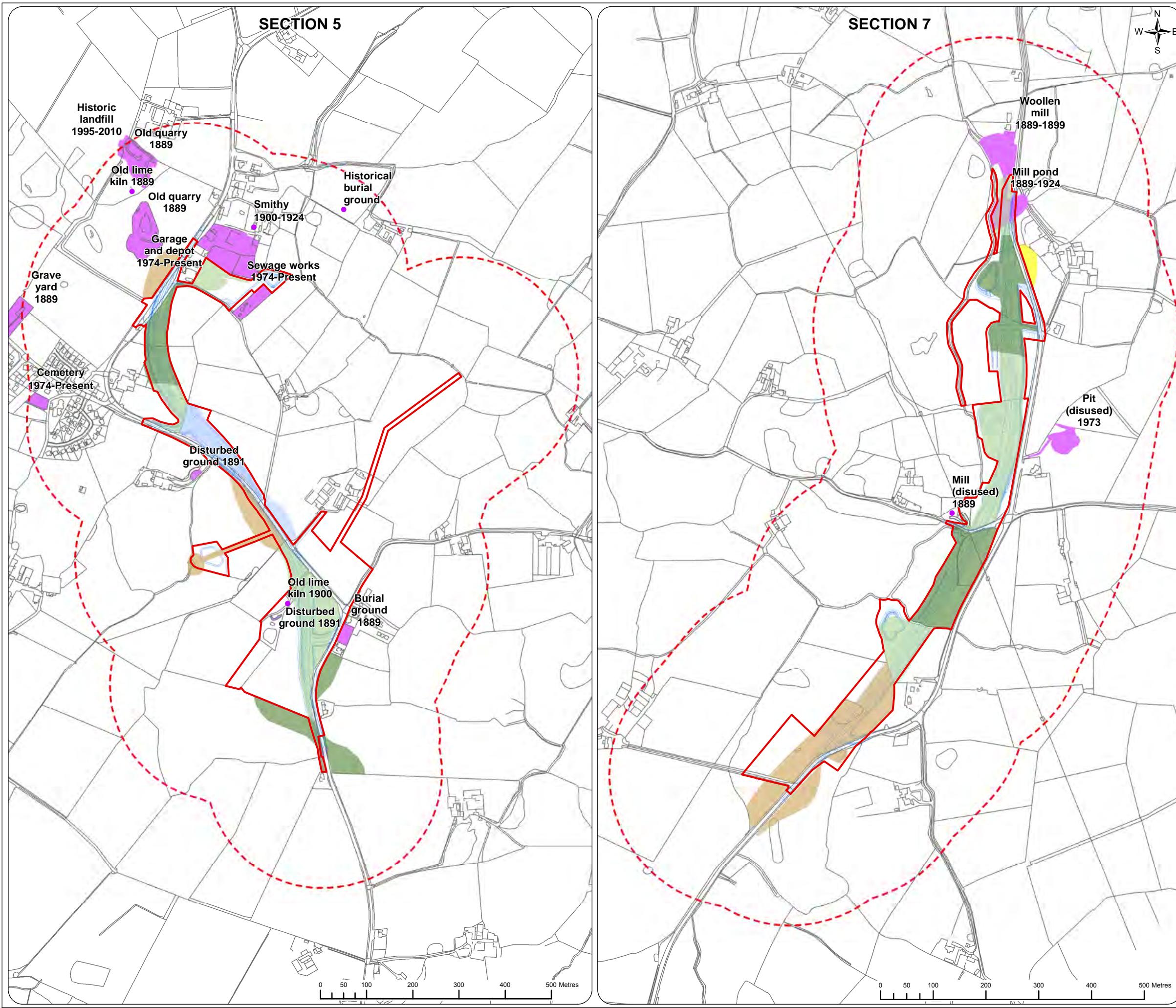
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT						
ENVIRONMENTAL STATEMENT						
Drawing Title						
A5025 OFF-LINE						
SECTION 7 AND POWER STATION ACCESS ROAD						
JUNCTION NOISE CONTOURS CONSTRUCTION MONTHS 3 TO 5						
Scale @ A3	1:14,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.						
60PO8077_DCO_VOL_G_06_06						
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G7-1**



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
STUDY AREA, AGRICULTURAL LAND CLASSIFICATION AND POTENTIAL SOURCES OF CONTAMINATION - SECTIONS 1 AND 3						
Scale @ A3	1:8,500 (Section 1) and 1:10,000 (Section 3)	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_07_01					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G7-2**



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
STUDY AREA, AGRICULTURAL LAND CLASSIFICATION AND POTENTIAL SOURCES OF CONTAMINATION - SECTIONS 5 AND 7						
Scale @ A3	1:8,000 (Section 5) and 1:7,000 (Section 7)	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_07_02					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G7-3**



**Legend**

A5025 Off-line Highway Improvements

Work package 1J

Study area

Potential source of contamination

Agricultural Land Classification type

Subgrade 3b - moderate quality

Source: Reading Agricultural Consultants Ltd. 2017. *Off-line Improvements to the A5025, Anglesey: Agricultural Land Classification and Soil Resources*.



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd

**HORIZON**

NUCLEAR POWER

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

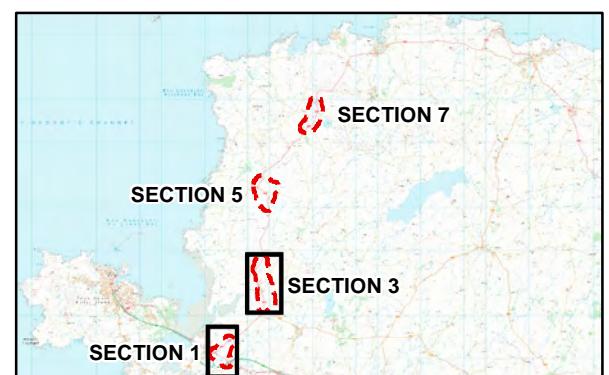
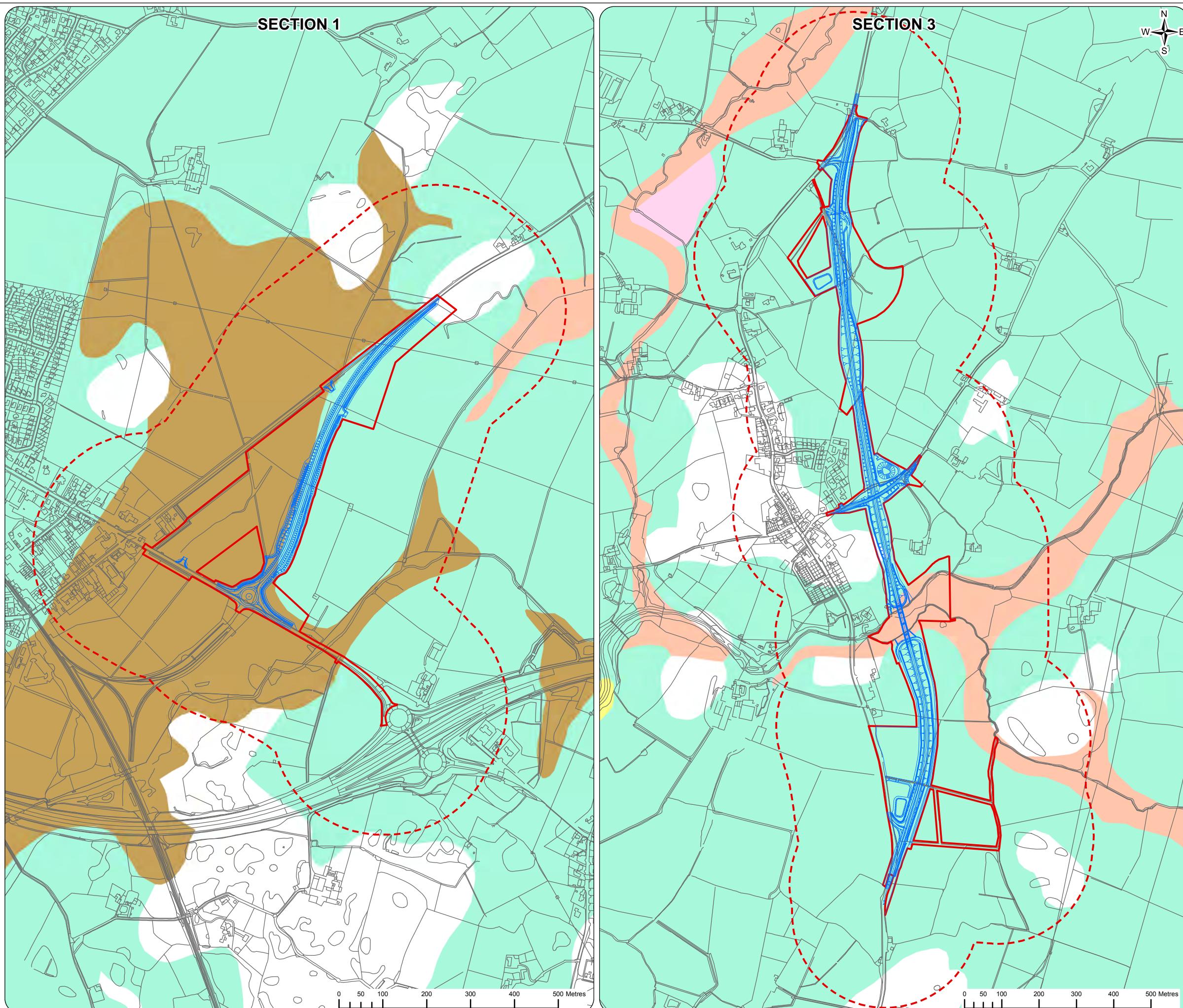
Drawing Title  
STUDY AREA, AGRICULTURAL LAND CLASSIFICATION  
AND POTENTIAL SOURCES OF CONTAMINATION -  
POWER STATION ACCESS ROAD JUNCTION

Scale @ A3 1:4,000 DO NOT SCALE  
Jacobs No. 60PO8077  
Client No.

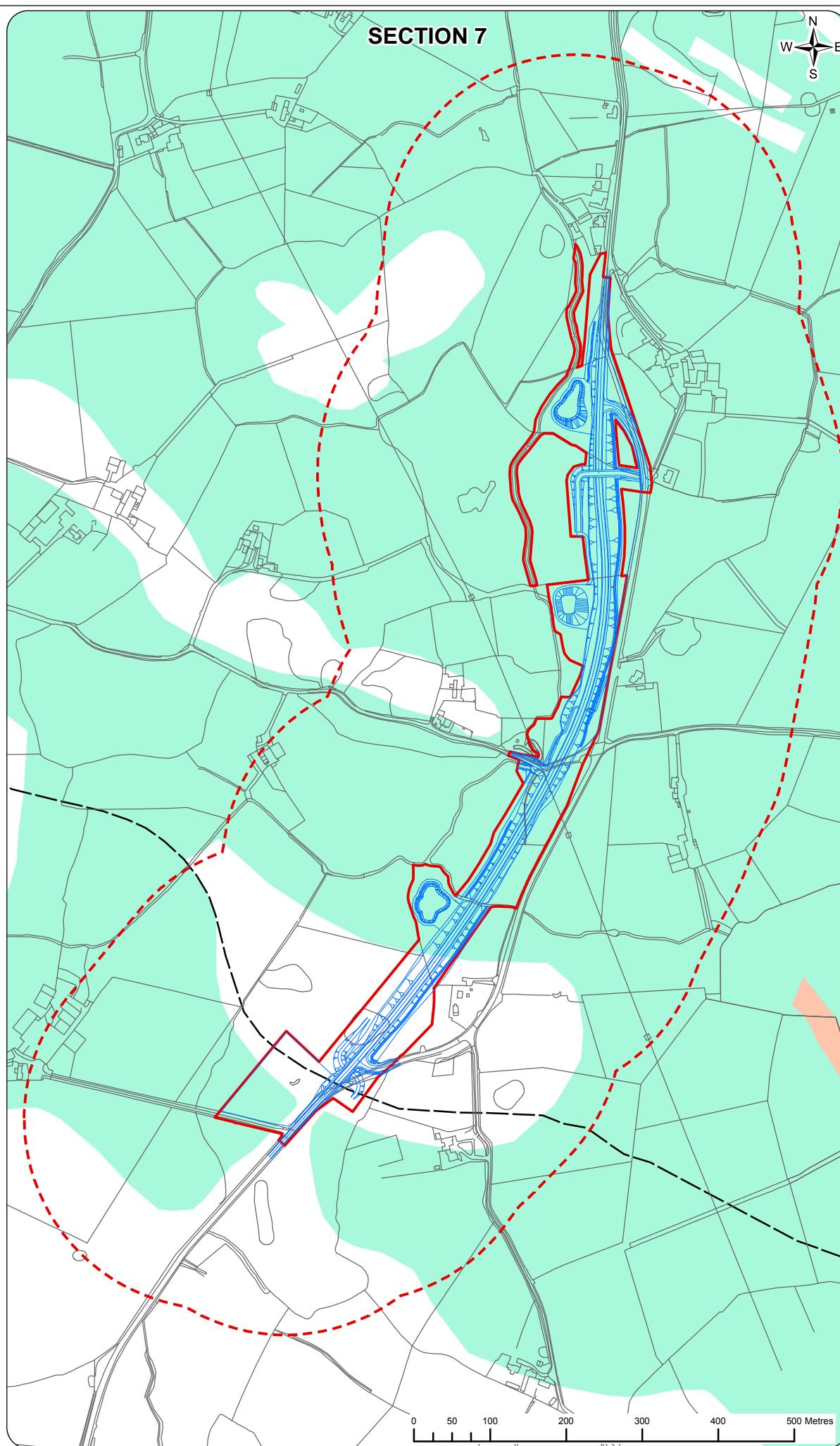
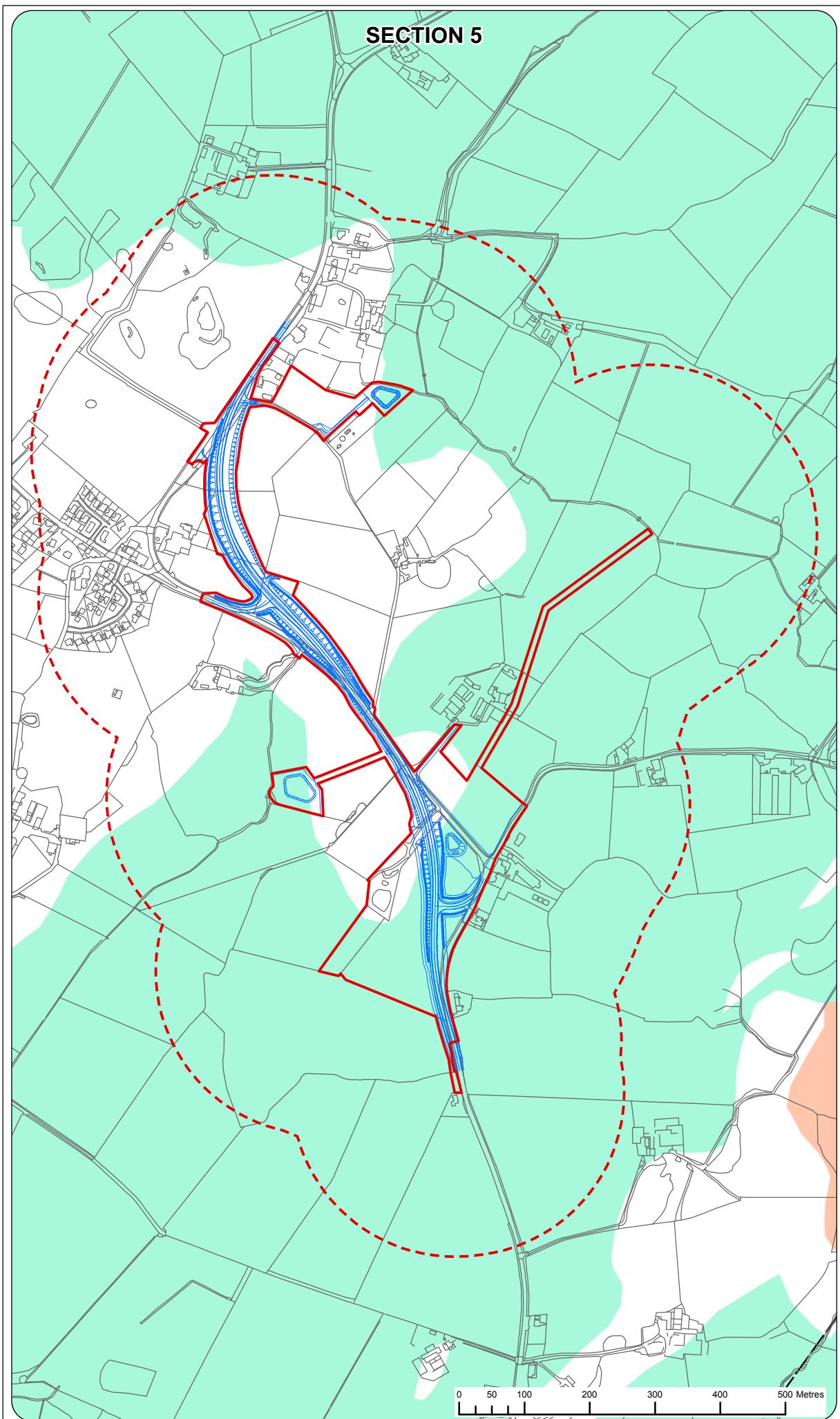
Drawing No. 60PO8077\_DCO\_VOL\_G\_07\_03

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

**FIGURE G7-4**



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
PUBLISHED SUPERFICIAL GEOLOGY - SECTIONS 1 AND 3						
Scale @ A3	1:8,500 (Section 1) and 1:10,000 (Section 3)	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_07_04					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

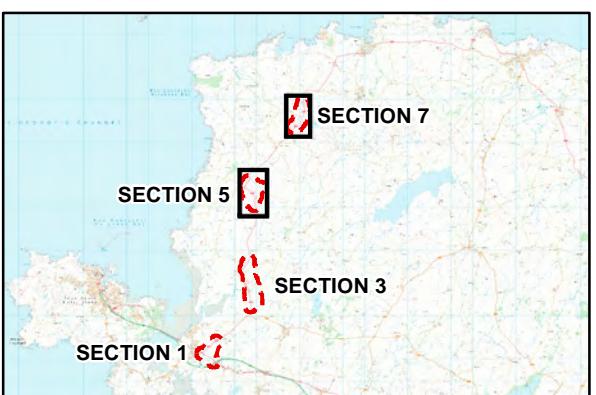


**FIGURE G7-5**

**Legend**

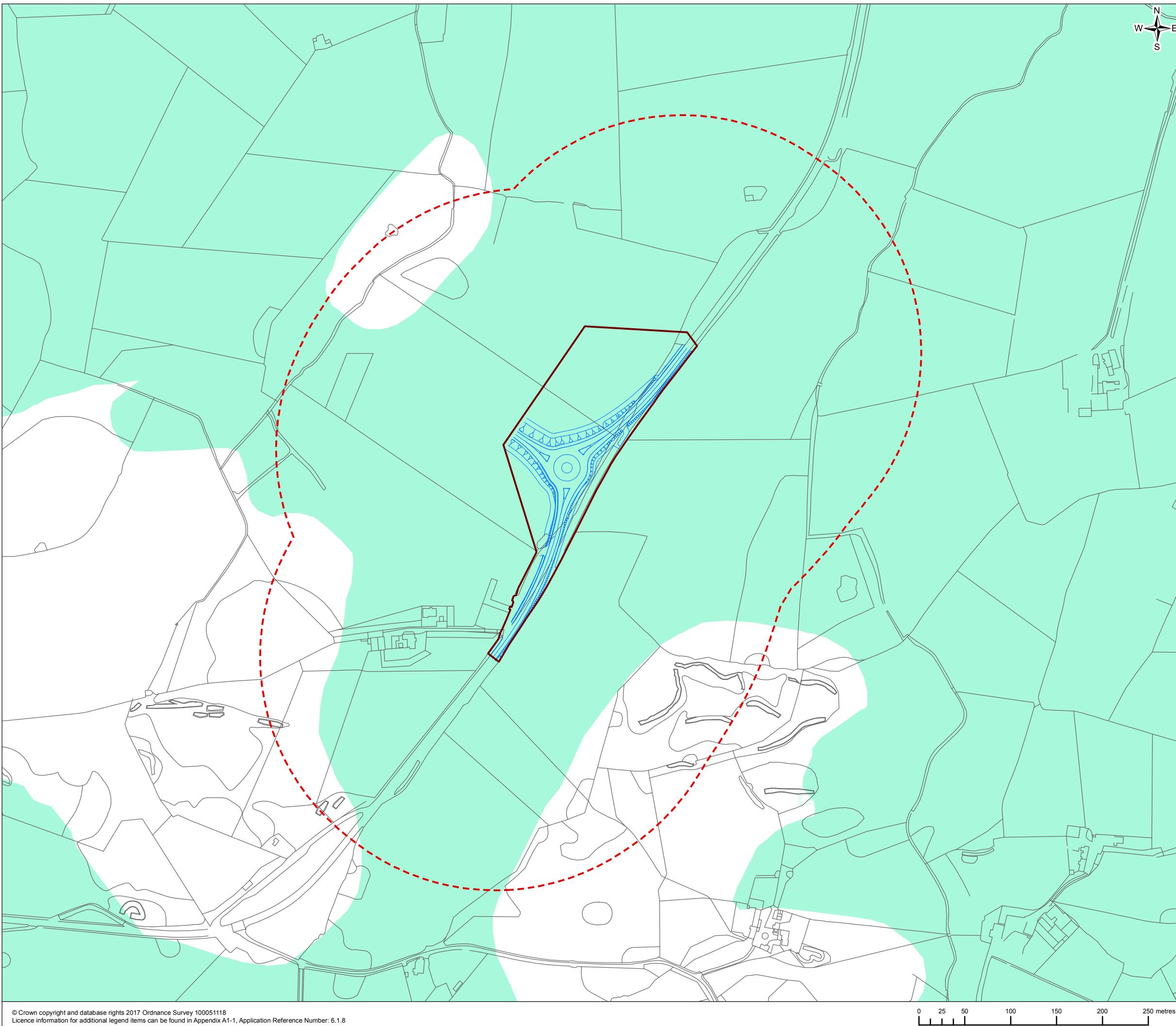
- A5025 Off-line Highway Improvements
- A5025 Off-line Highway Improvements order limit
- Study area
- Published Superficial Geology**
- Alluvium - clay, silt, sand and gravel
- Glacial till, Devensian - diamicton

Source: British Geological Survey.



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b>						
NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
PUBLISHED SUPERFICIAL GEOLOGY - SECTIONS 5 AND 7						
Scale @ A3	1:8,000 (Section 5) and 1:7,000 (Section 7)					DO NOT SCALE
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_07_05					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G7-6**



**Legend**

A5025 Off-line Highway Improvements

Work package 1J

Study area

Published Superficial Geology

Glacial till, Devensian - diamicton

Source: British Geological Survey.



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd

**HORIZON**

NUCLEAR POWER

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title

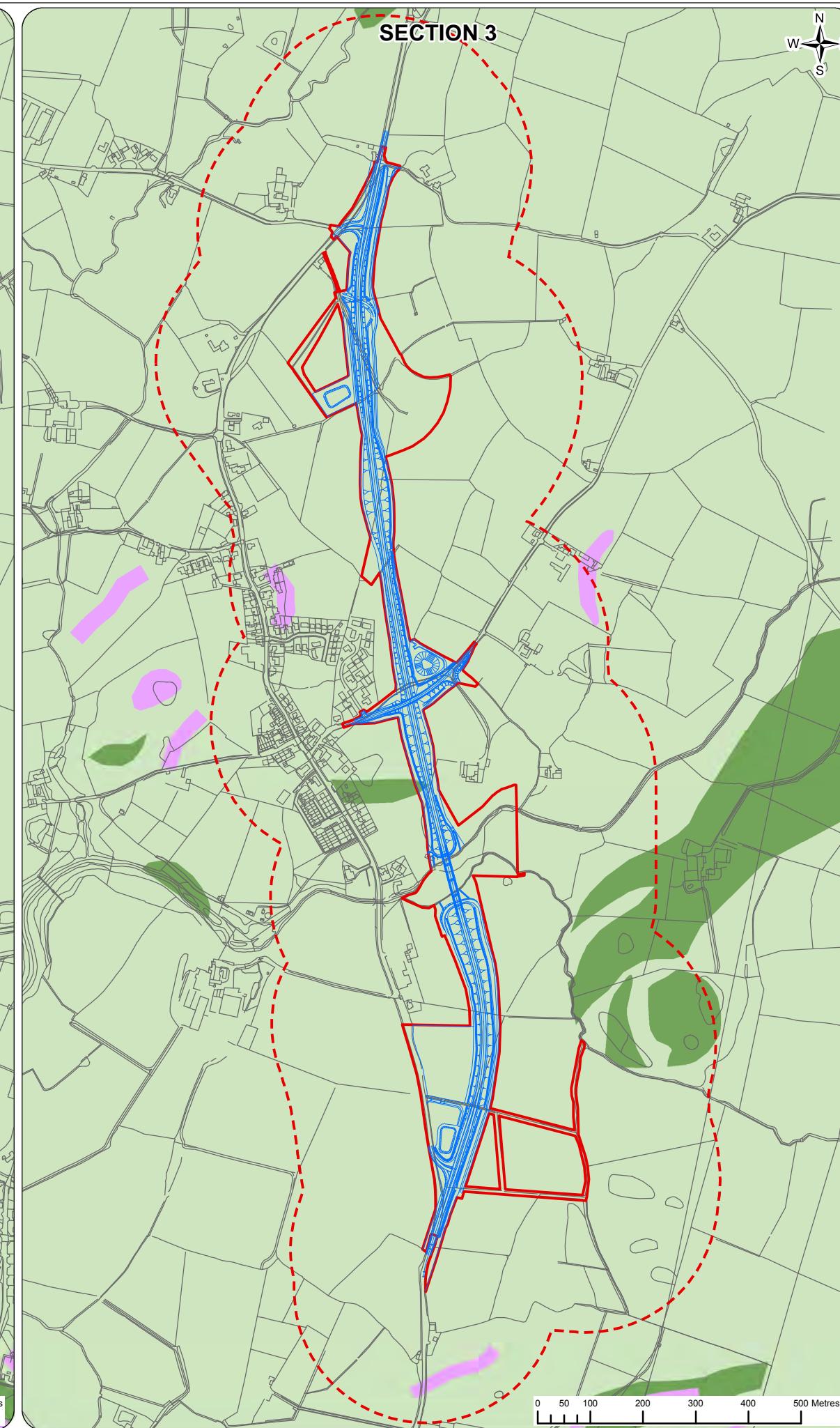
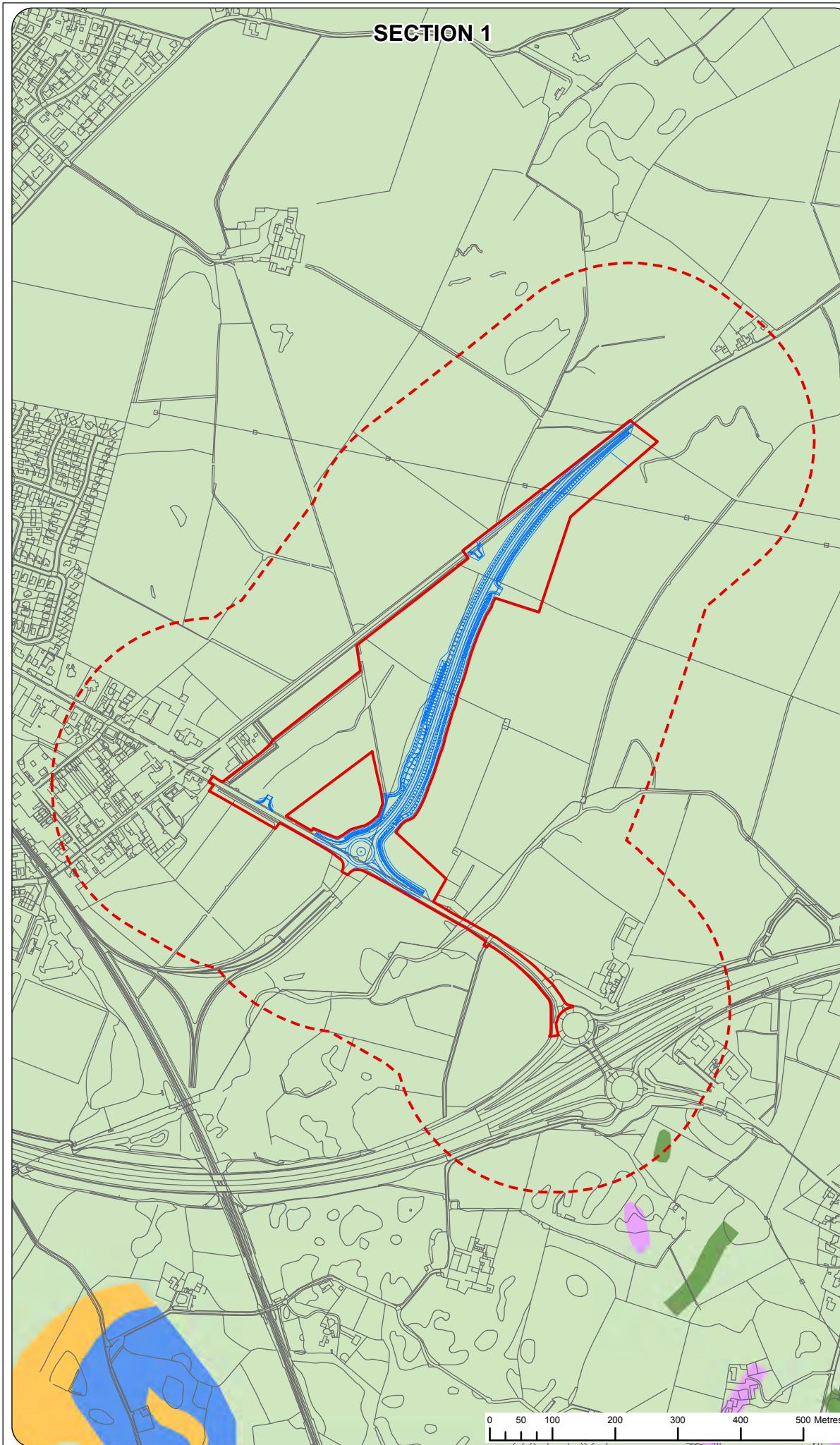
PUBLISHED SUPERFICIAL GEOLOGY -  
POWER STATION ACCESS ROAD JUNCTION

Scale @ A3	1:4,000	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		

Drawing No.

60PO8077\_DCO\_VOL\_G\_07\_06

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

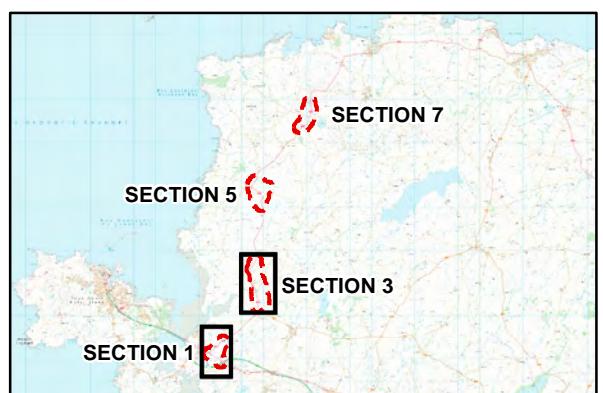


**FIGURE G7-7**

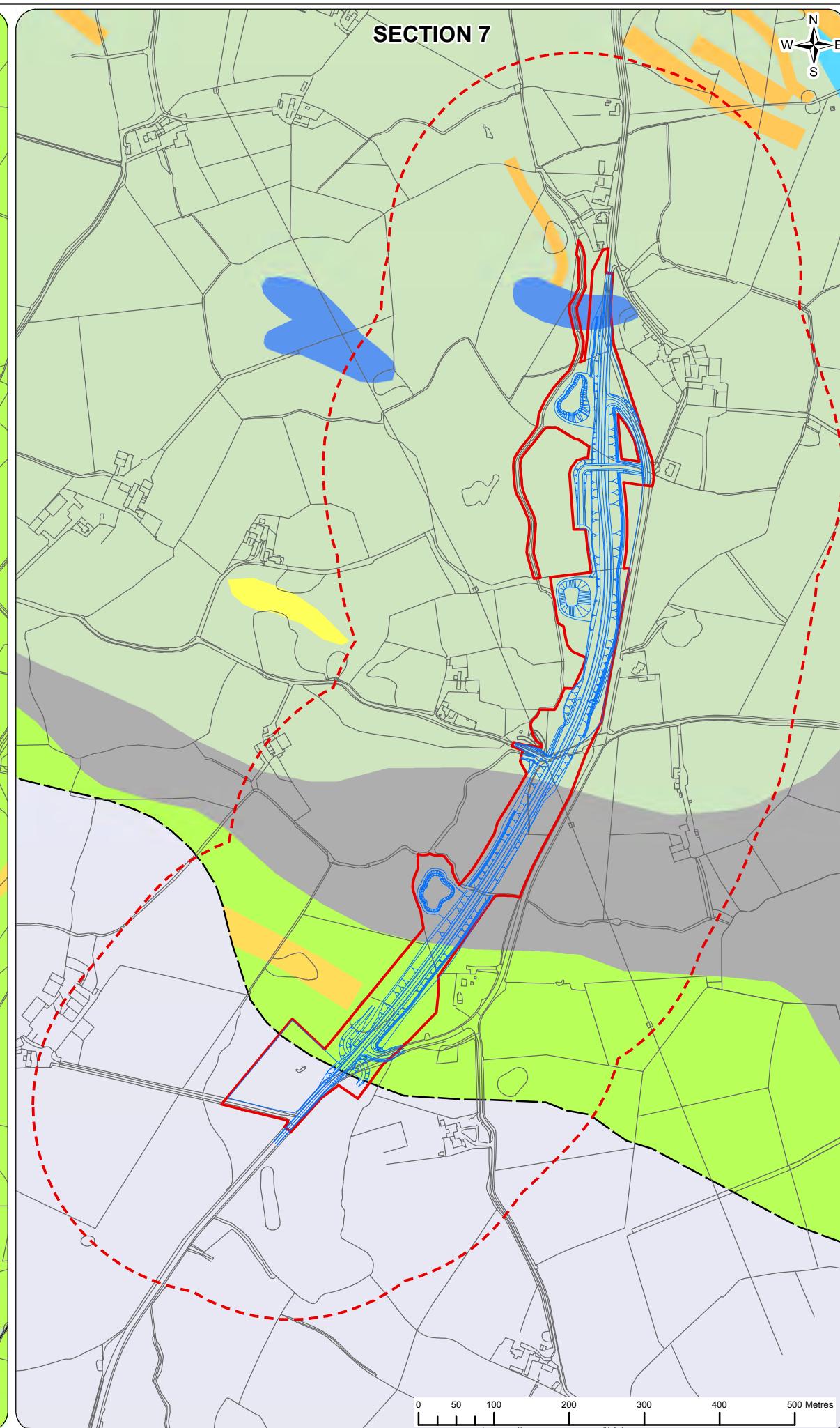
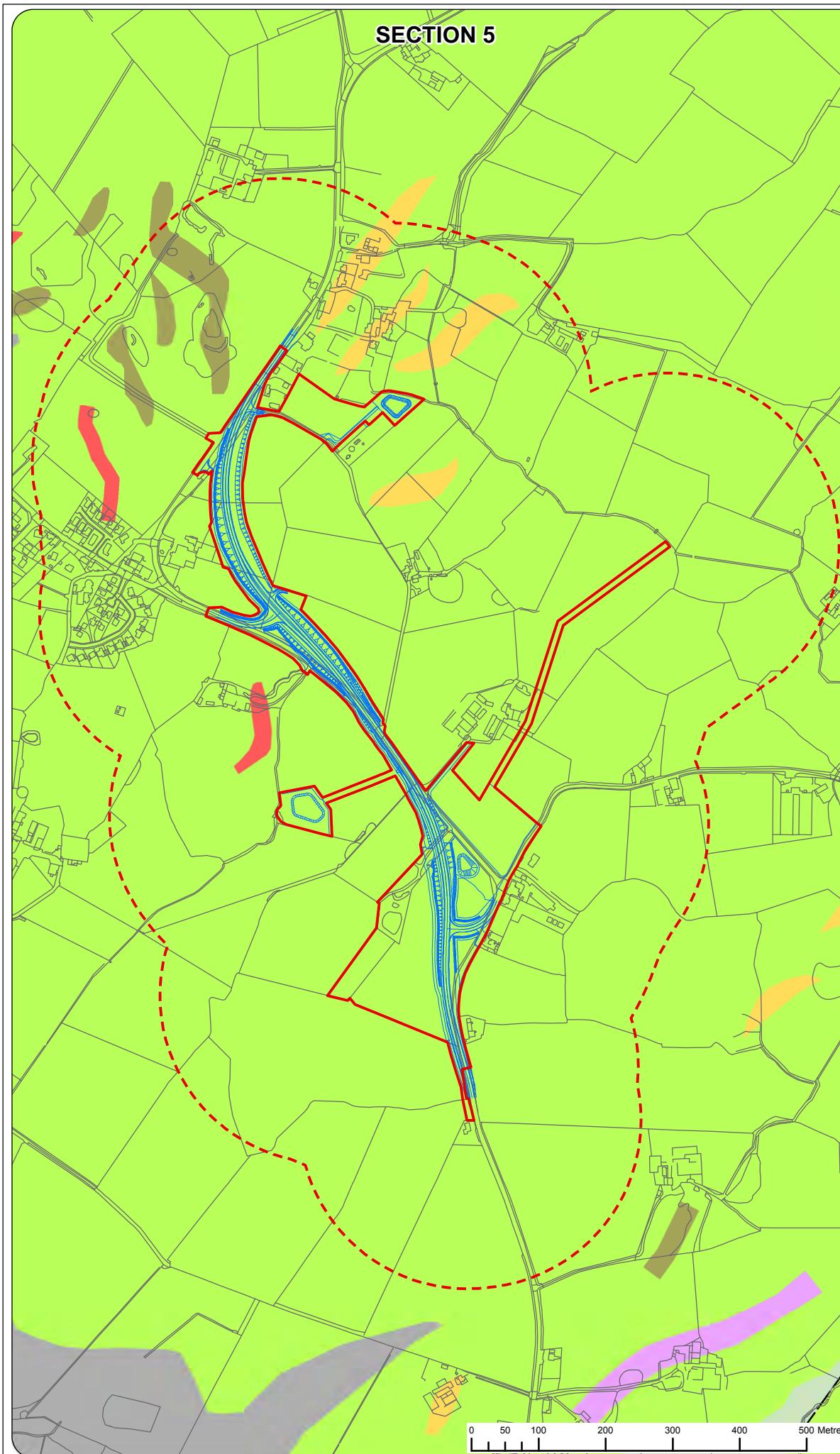
**Legend**

- A5025 Off-line Highway Improvements
- A5025 Off-line Highway Improvements order limit
- Study area
- Published bedrock geology
- New Harbour Group - jasper
- New Harbour Group - lava
- New Harbour Group - mica schist and psammite
- Unnamed igneous intrusion of unknown age - gabbro, microgabbro and diorite
- Unnamed igneous intrusion of unknown age - serpentinite

Source: British Geological Survey.



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT						
ENVIRONMENTAL STATEMENT						
Drawing Title						
PUBLISHED BEDROCK GEOLOGY -						
SECTIONS 1 AND 3						
Scale @ A3		1:8,500 (Section 1) and 1:10,000 (Section 3)			DO NOT SCALE	
Jacobs No.		60PO8077				
Client No.						
Drawing No.						
60PO8077_DCO_VOL_G_07_07						
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

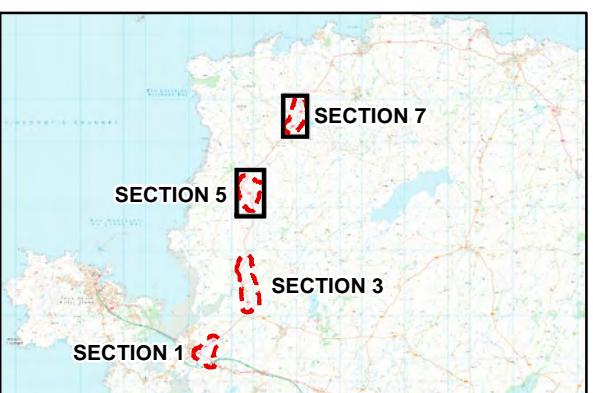


**FIGURE G7-8**

**Legend**

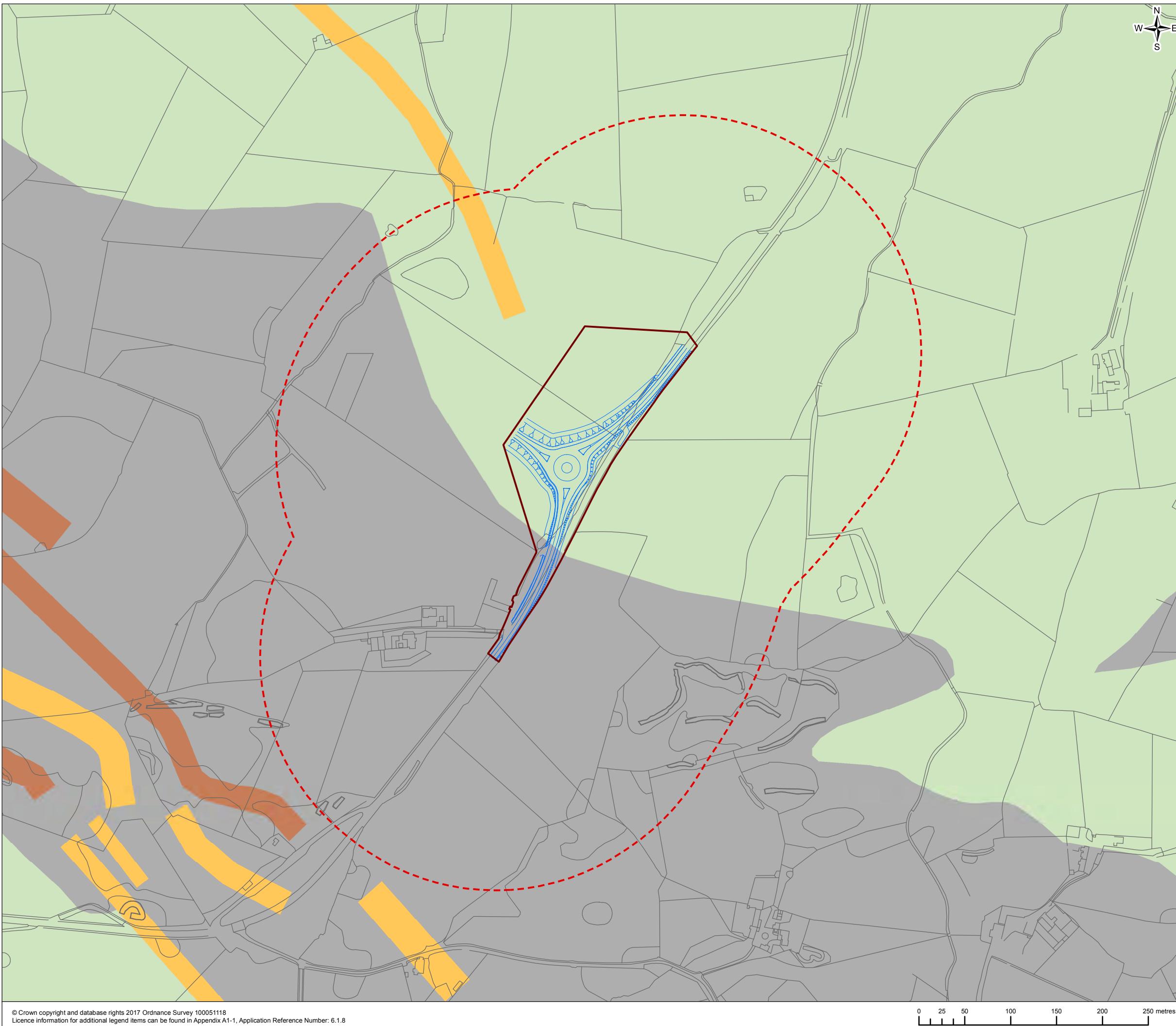
- A5025 Off-line Highway Improvements
- A5025 Off-line Highway Improvements order limit
- Study area
- Published bedrock geology
- Central Anglesey Shear Zone and Berw Shear Zone (undifferentiated) - schist, glaucophane
- Church Bay Tuffs and Skerries Grits (undifferentiated) - tuff and sandstone
- Gwna Group - metabasaltic-rock
- Gwna Group - quartzite
- Gwna Group - schist
- New Harbour Group - calc-silicate rock
- New Harbour Group - jasper
- New Harbour Group - mica schist and psammite
- Ordovician rocks (undifferentiated) - mudstone and sandstone, interbedded
- South Stack Formation - psammite and pelite
- Unnamed igneous intrusion of unknown age - gabbro, microgabbro and diorite
- Unnamed igneous intrusion of unknown age - serpentinite

Source: British Geological Survey.



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
PUBLISHED BEDROCK GEOLOGY - SECTIONS 5 AND 7						
Scale @ A3	1:8,000 (Section 5) and 1:7,000 (Section 7)	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_07_08					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

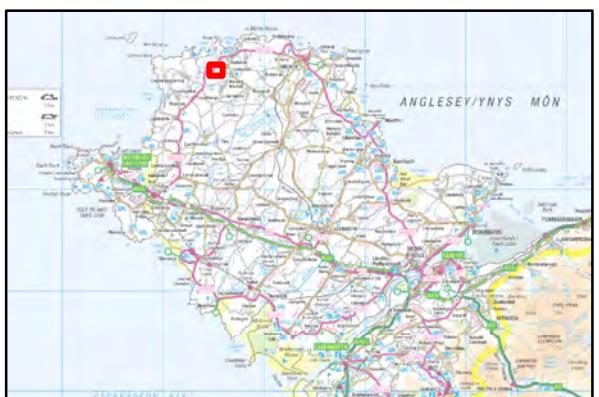
**FIGURE G7-9**



**Legend**

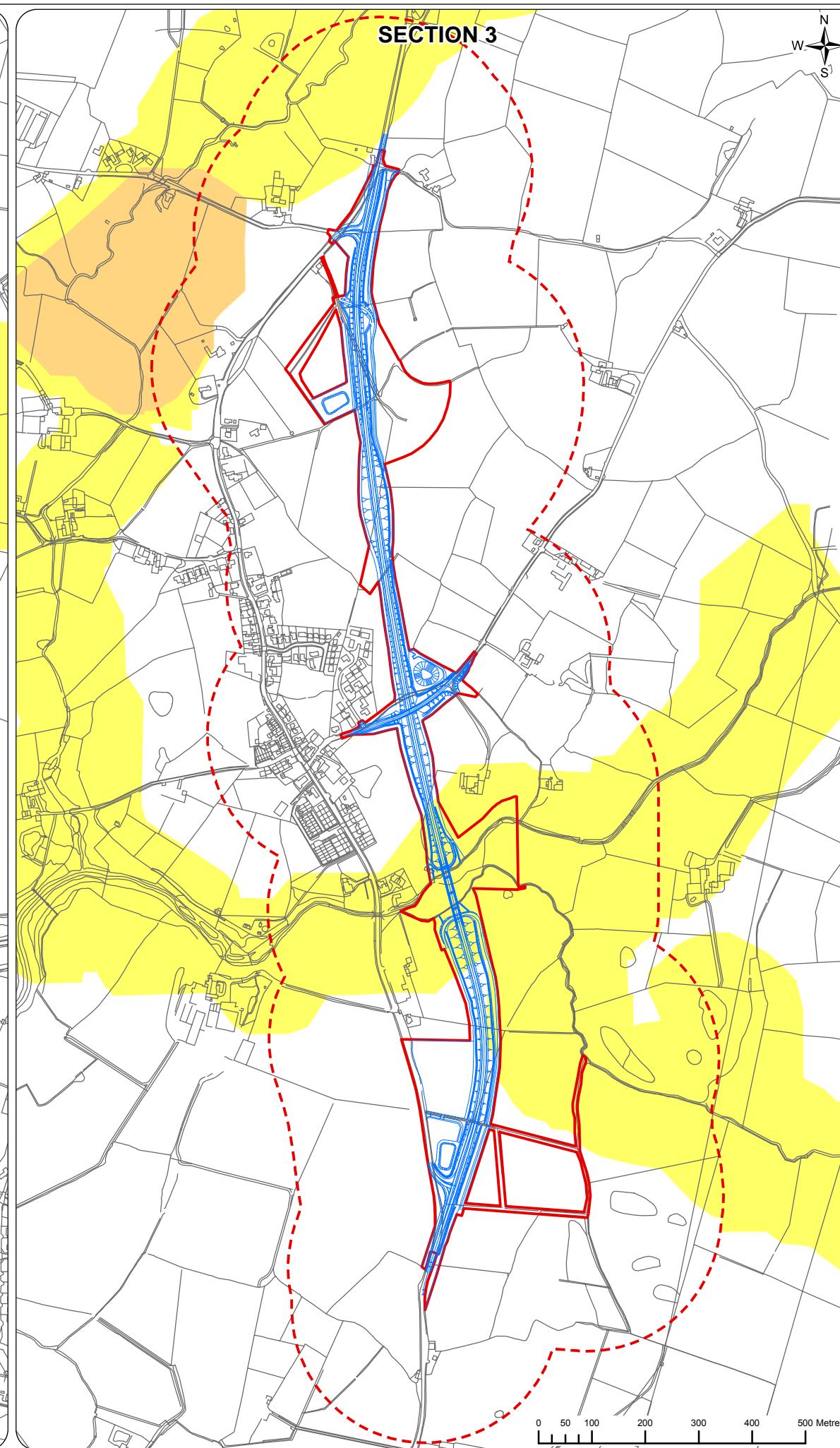
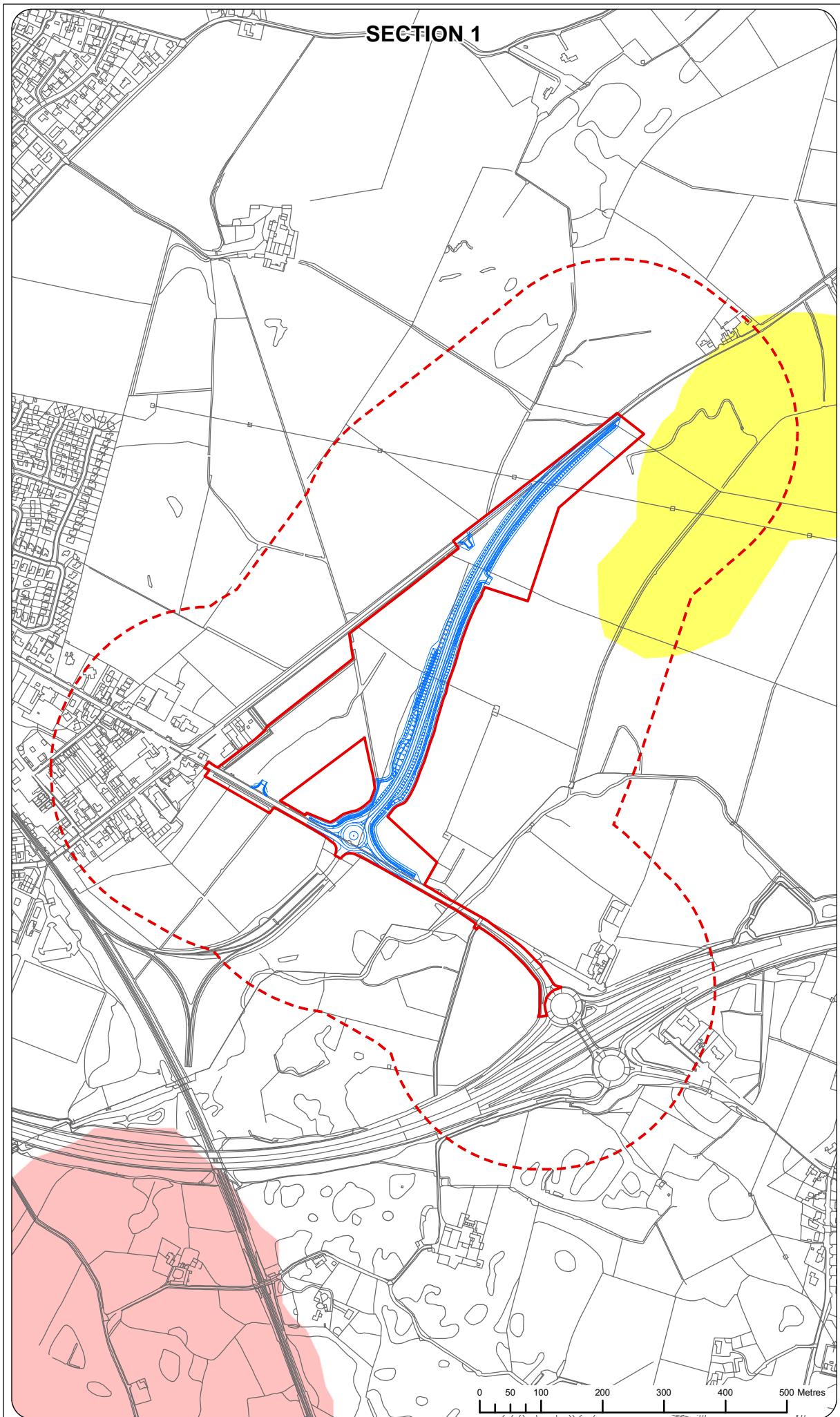
- A5025 Off-line Highway Improvements
- Work package 1J
- Study area
- Published bedrock geology
- Church Bay Tuffs and Skerries Grits (undifferentiated) - tuff and sandstone
- Unnamed igneous intrusion of unknown age - felsite
- New Harbour Group - mica schist and psammite
- Unnamed igneous intrusion of unknown age - gabbro, microgabbro and diorite

Source: British Geological Survey.



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b>						
NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT						
ENVIRONMENTAL STATEMENT						
Drawing Title						
PUBLISHED BEDROCK GEOLOGY -						
POWER STATION ACCESS ROAD JUNCTION						
Scale @ A3	1:4,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_07_09					

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

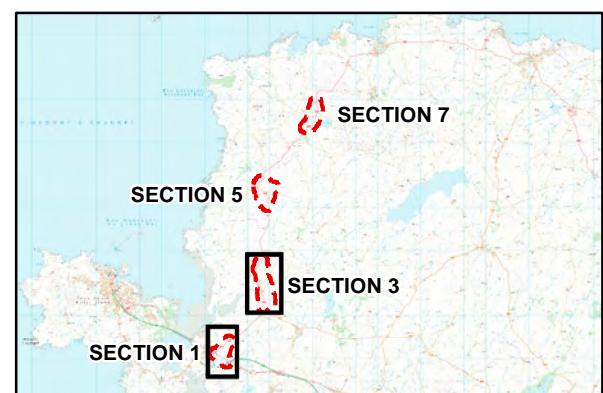


**FIGURE G7-10**

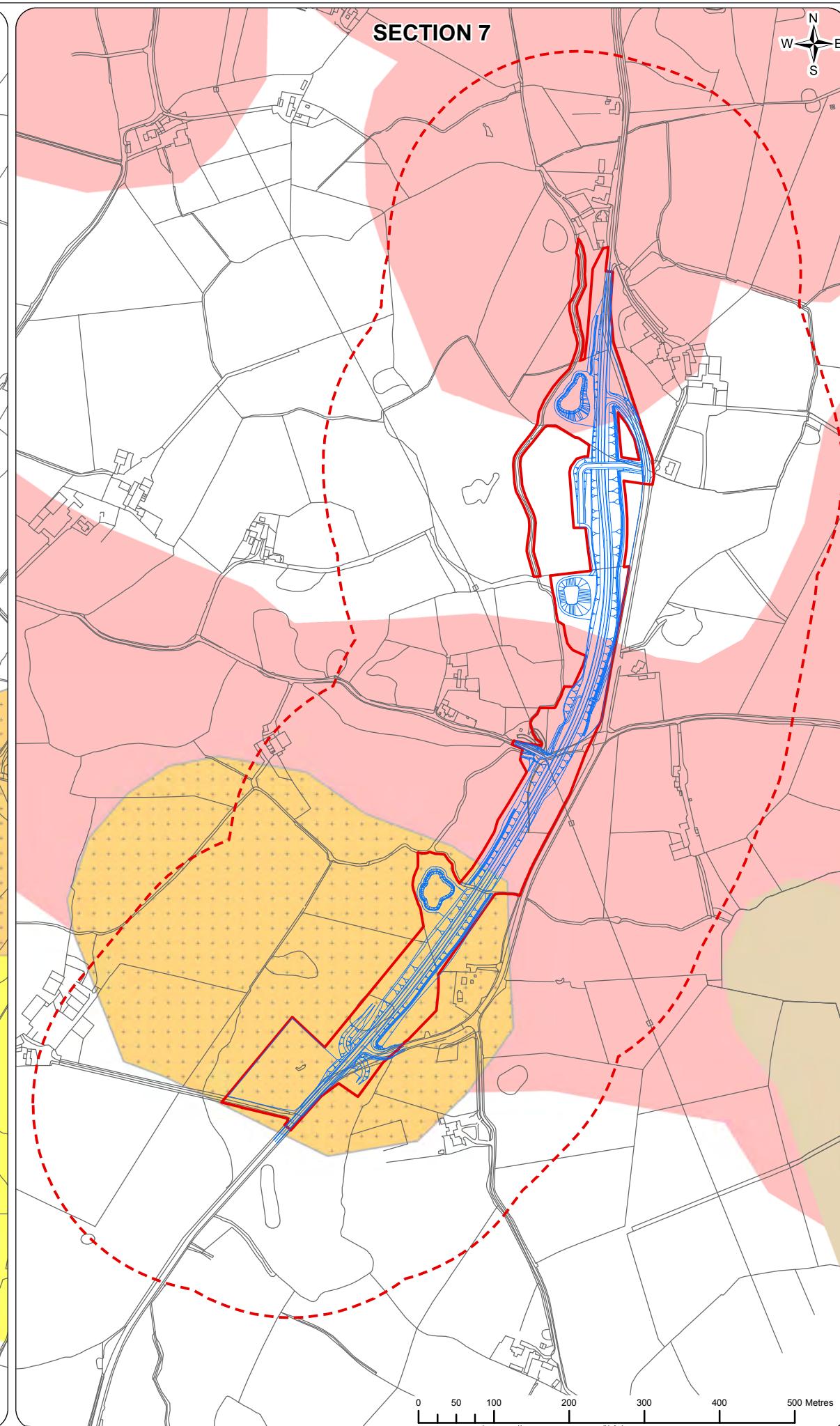
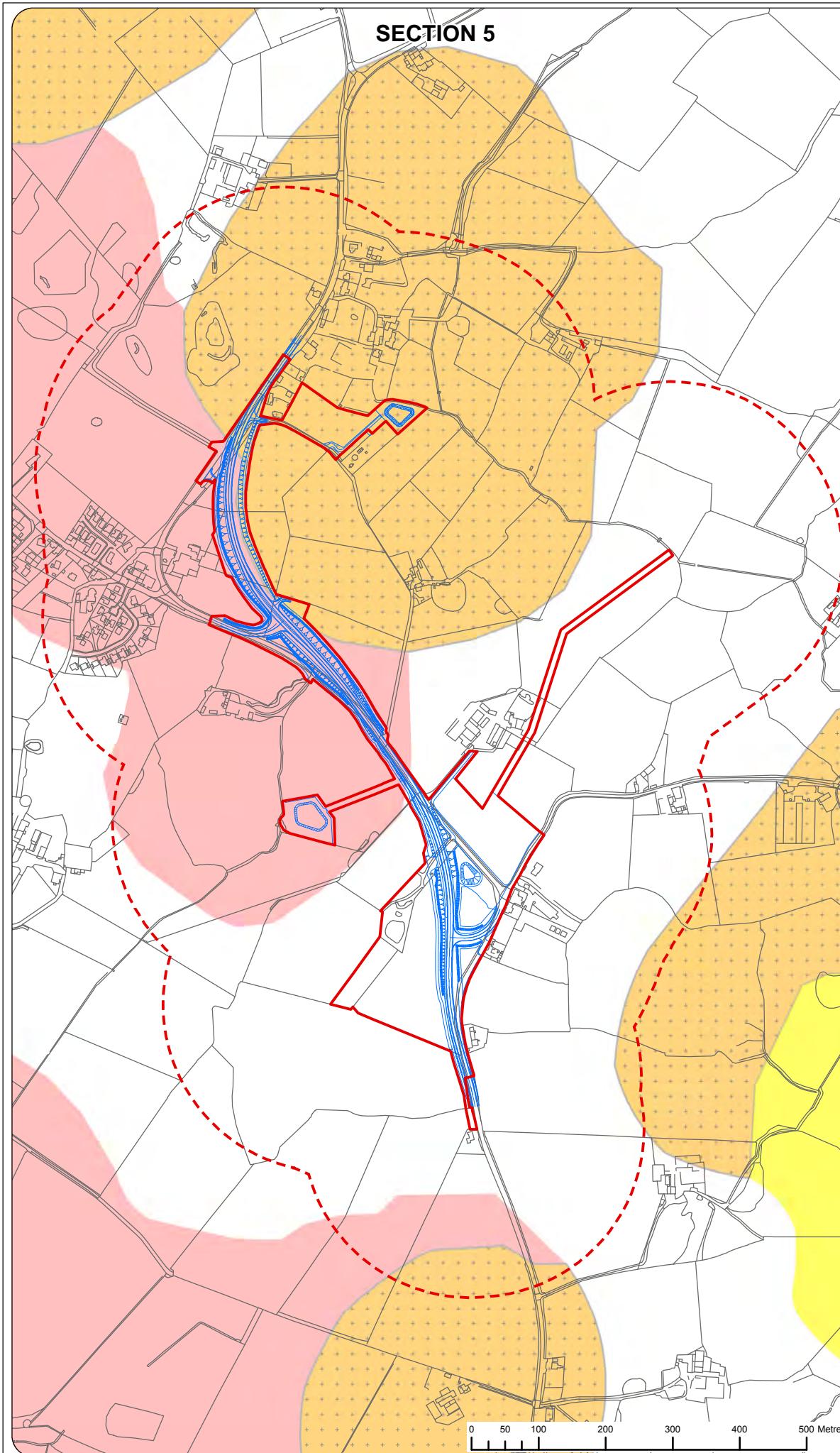
**Legend**

- A5025 Off-line Highway Improvements
- A5025 Off-line Highway Improvements order limit
- Study area
- Category 1 Aggregates Safeguarding Areas
  - Sand and gravel
- Category 2 Aggregates Safeguarding Areas
  - Sandstone
  - Igneous rocks

Source of Aggregates Safeguarding Areas:  
British Geological Survey and Welsh Assembly Government (2012).  
North West Wales Aggregates Safeguarding Map.



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
AGGREGATES SAFEGUARDING AREAS - SECTIONS 1 AND 3						
Scale @ A3	1:8,500 (Section 1) and 1:10,000 (Section 3)	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_07_10					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

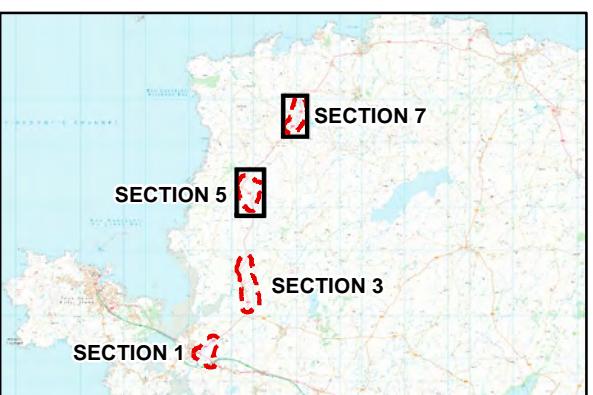


**FIGURE G7-11**

**Legend**

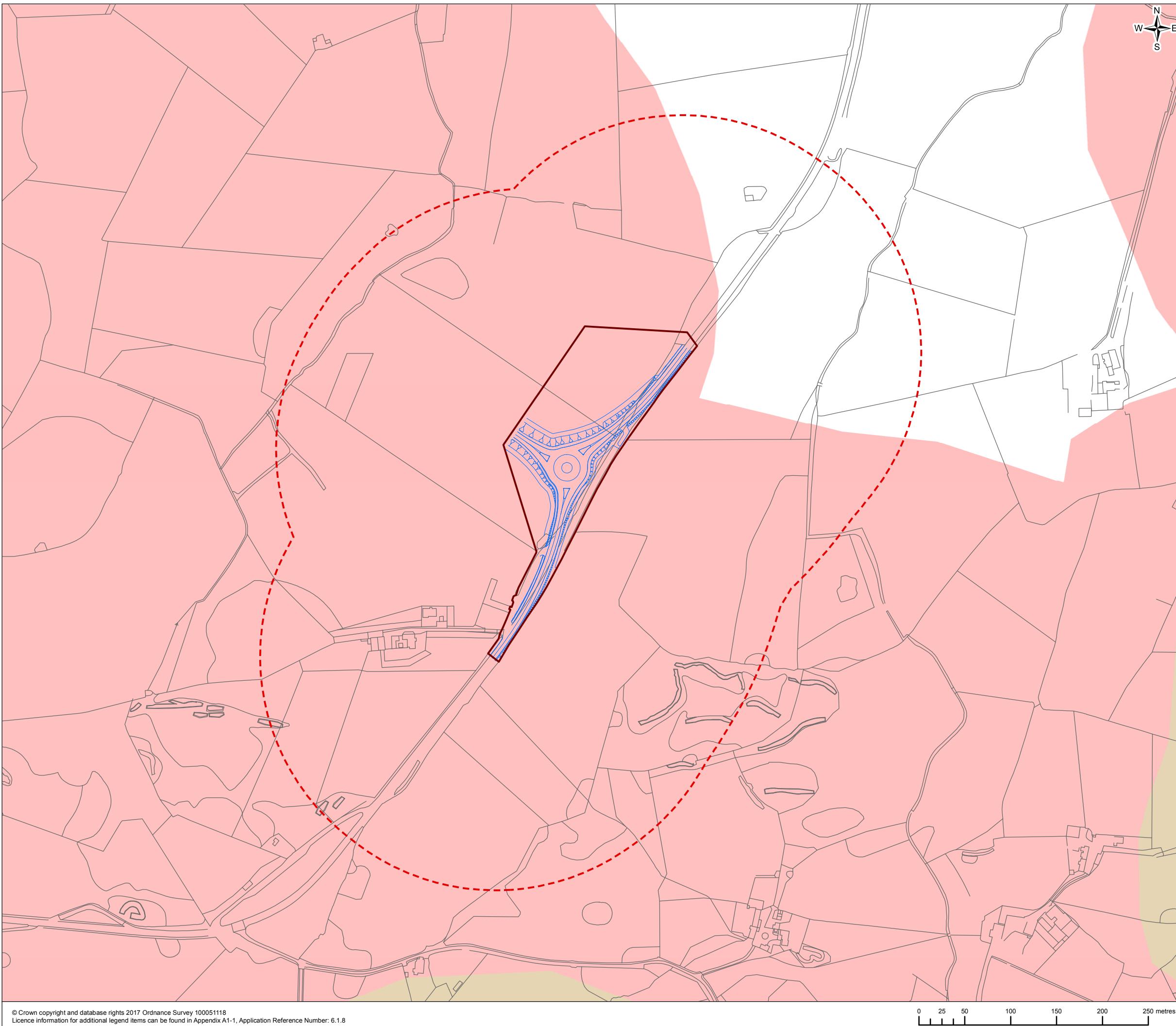
- A5025 Off-line Highway Improvements
- A5025 Off-line Highway Improvements order limit
- Study area
- Category 1 Aggregates Safeguarding Areas
  - Yellow: Sand and gravel
  - Light Brown: Sand and gravel
- Category 2 Aggregates Safeguarding Areas
  - Yellow: Sandstone (stipple denotes quartzitic sandstone with potential for silica sand and silica rock)
- Pink: Igneous rocks

Source of Aggregates Safeguarding Areas:  
British Geological Survey and Welsh Assembly Government (2012).  
North West Wales Aggregates Safeguarding Map.



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
AGGREGATES SAFEGUARDING AREAS - SECTIONS 5 AND 7						
Scale @ A3	1:8,000 (Section 5) and 1:7,000 (Section 7)	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_07_11					

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.



## FIGURE G7-12

## Legend

A5025 Off-line Highway Improvements

Work package 1J

### Study area

## Category 2 Aggregates Safeguarding Areas

## Igneous rocks

## Sand and gravel

Source of Aggregates Safeguarding Areas:  
British Geological Survey and Welsh Assembly Government (2012).  
*North West Wales Aggregates Safeguarding Map.*



.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**HORIZON**  
NUCLEAR POWER

## WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

111

## AGGREGATES SAFEGUARDING AREAS - POWER STATION ACCESS ROAD JUNCTION

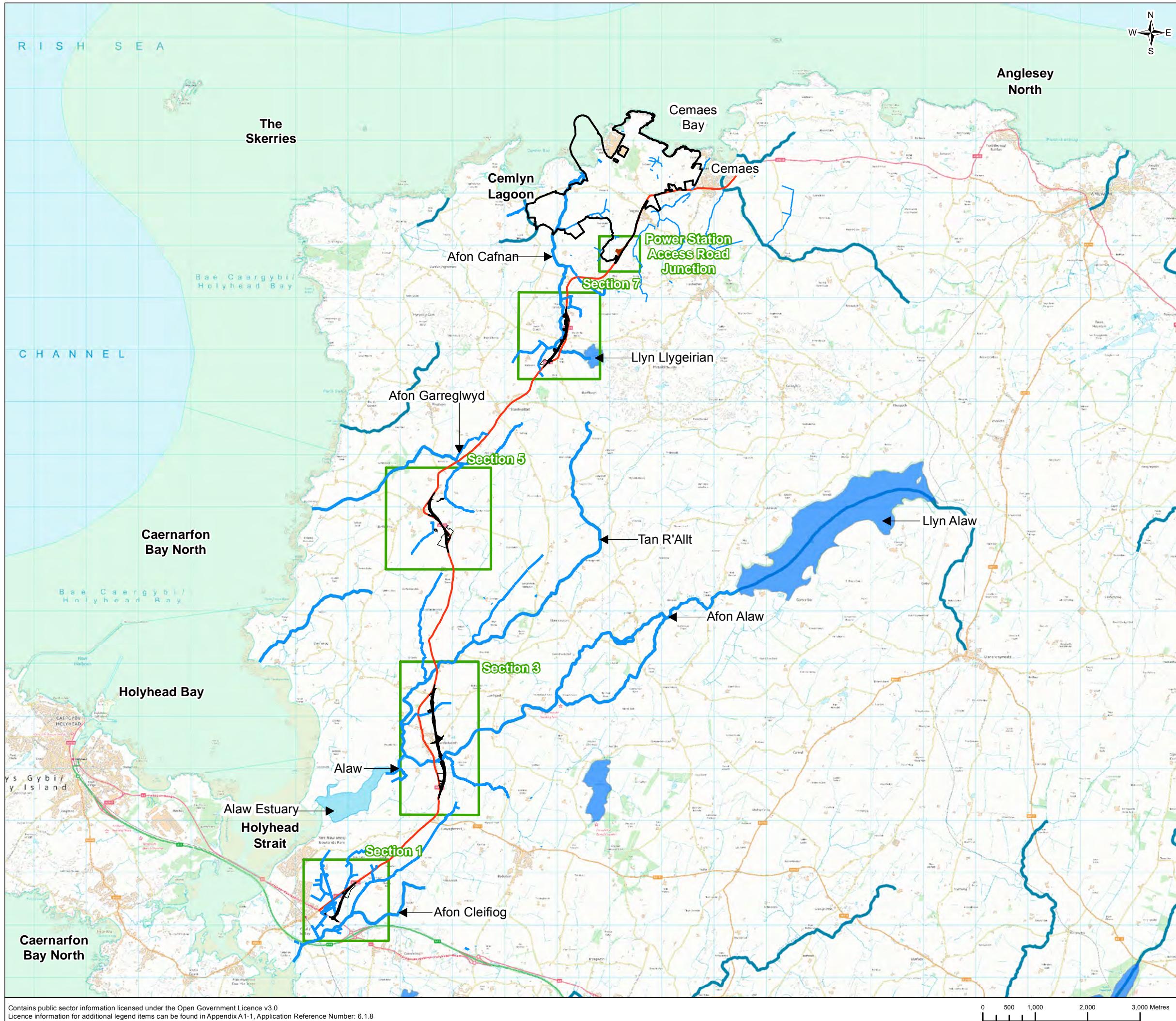
1:4,000 DO NOT SCALE  
60PO8077

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not to be used in whole or in part other than for the intended purpose defined on this drawing. Refer to the contract for full terms and conditions.

FIGURE G8-1



**Legend**

- Wylfa Newydd Development Area
- Offline Road Improvement Locations
- A5025 Off-line Highway Improvements
- Power Station Access Road Junction
- A5025
- Main rivers
- Ordinary watercourses
- Fluvial WFD water body
- Lacustrine WFD water body
- Transitional WFD water body
- Coastal WFD water body

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd

**HORIZON**

NUCLEAR POWER

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title  
STUDY AREA - WATERBODIES AND  
OTHER WATERCOURSES

Scale @ A3	1:70,000	DO NOT SCALE
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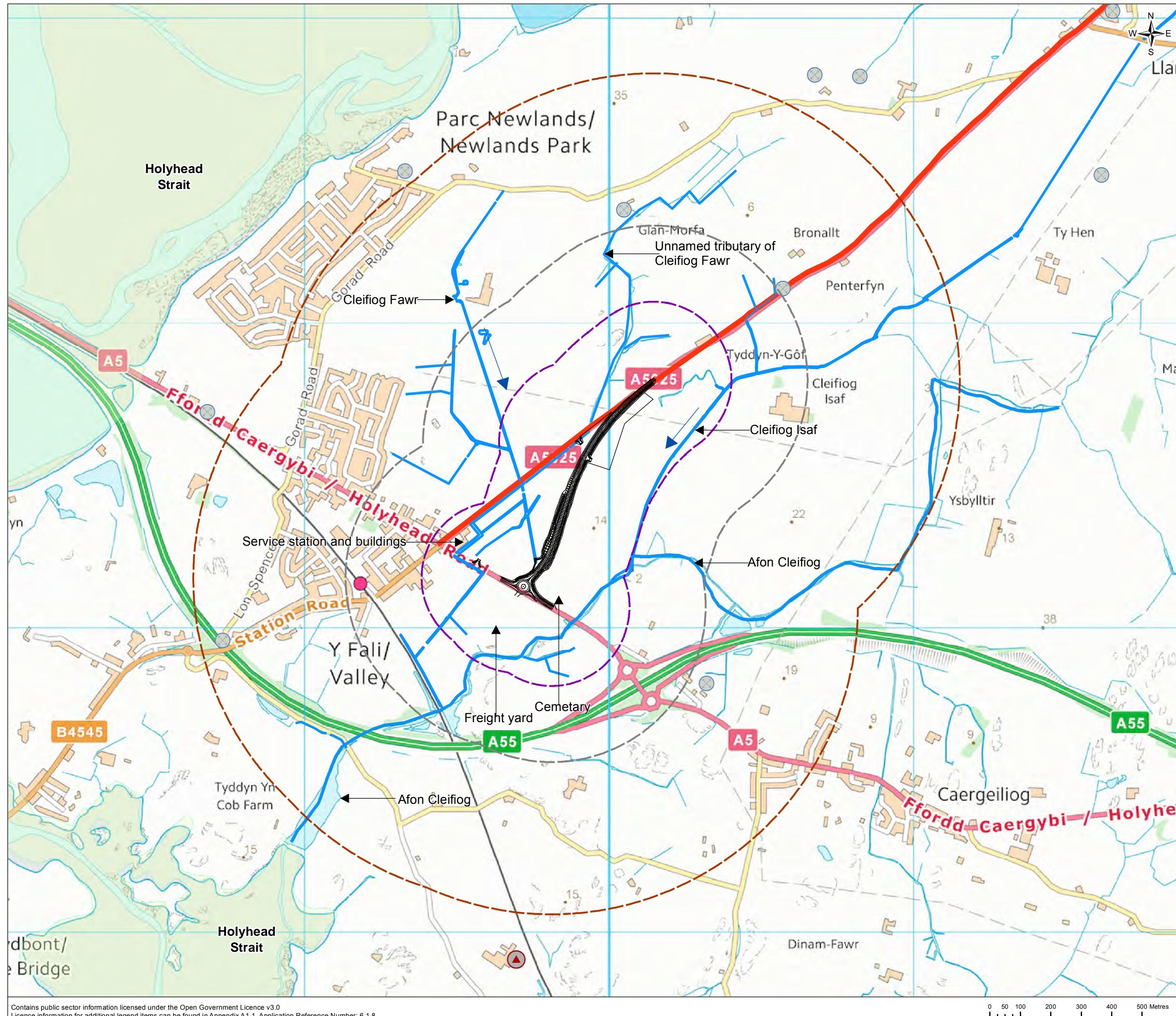
Jacobs No.	60PO8077
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Client No.	
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Drawing No.	60PO8077_DCO_VOL_G_08_01
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This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

FIGURE G8-2



Legend

- A5025 Off-line Highway Improvements (Section 1)
- Fluvial geomorphology 250m study area
- Surface water and groundwater 500m study area
- HAWRAT 1km study area
- A5025
- Private Water Supply (PWS) - scoped out
- Well - scoped out
- Main rivers
- Ordinary watercourses
- Fluvial WFD water body
- Transitional water body
- Coastal WFD water body

\* For location of this section see figure G8-1  
 \*\* The only wells shown are those within the 500m groundwater study areas

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd

**HORIZON**

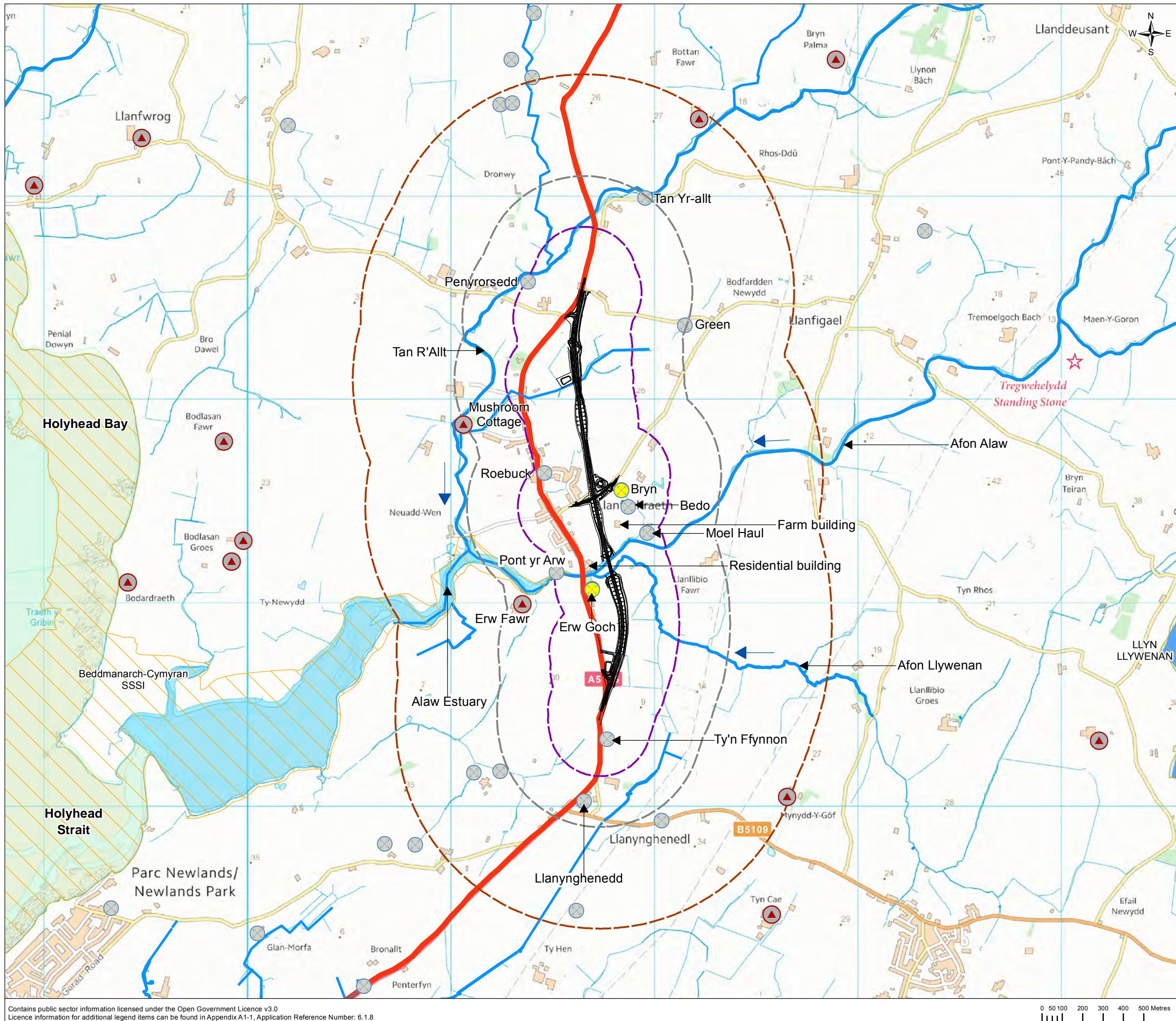
NUCLEAR POWER

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title						
STUDY AREA - SECTION 1						
Scale @ A3	1:12,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_08_02					

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

## FIGURE G8-3



\* For location of this section see figure G8-1

\*\* The only wells shown are those within the 500m groundwater study areas.

Groundwater Study Areas		DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
1.0	MAR 18					
Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd

## HORIZON

Horizon  
NUCLEAR POWER

## WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

DO NOT SCALE

077 DO NOT SCALE

11. *What is the primary purpose of the following statement?*

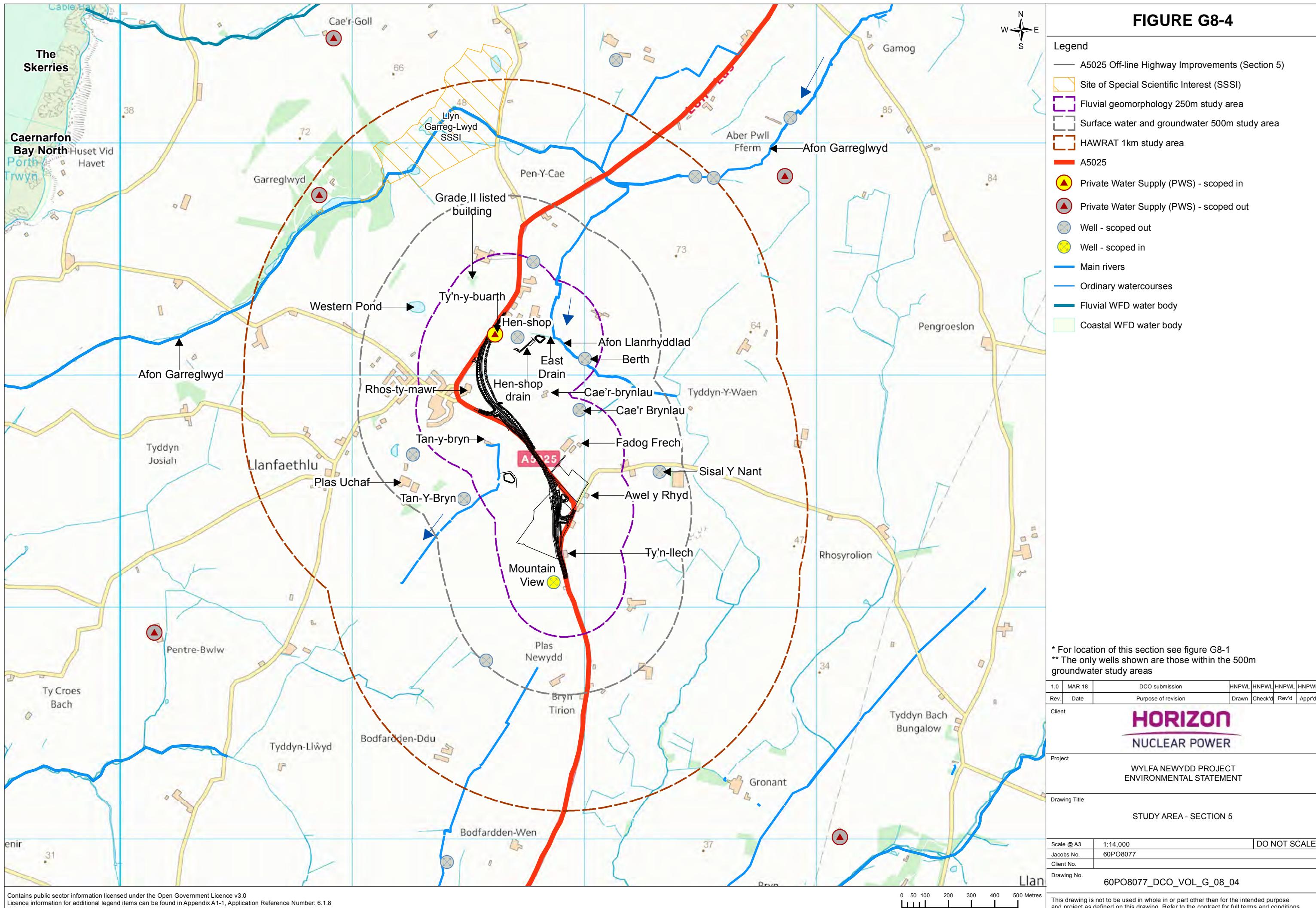
98077 DCO VOL G 08 03

used in whole or in part other than for the intended purpose.

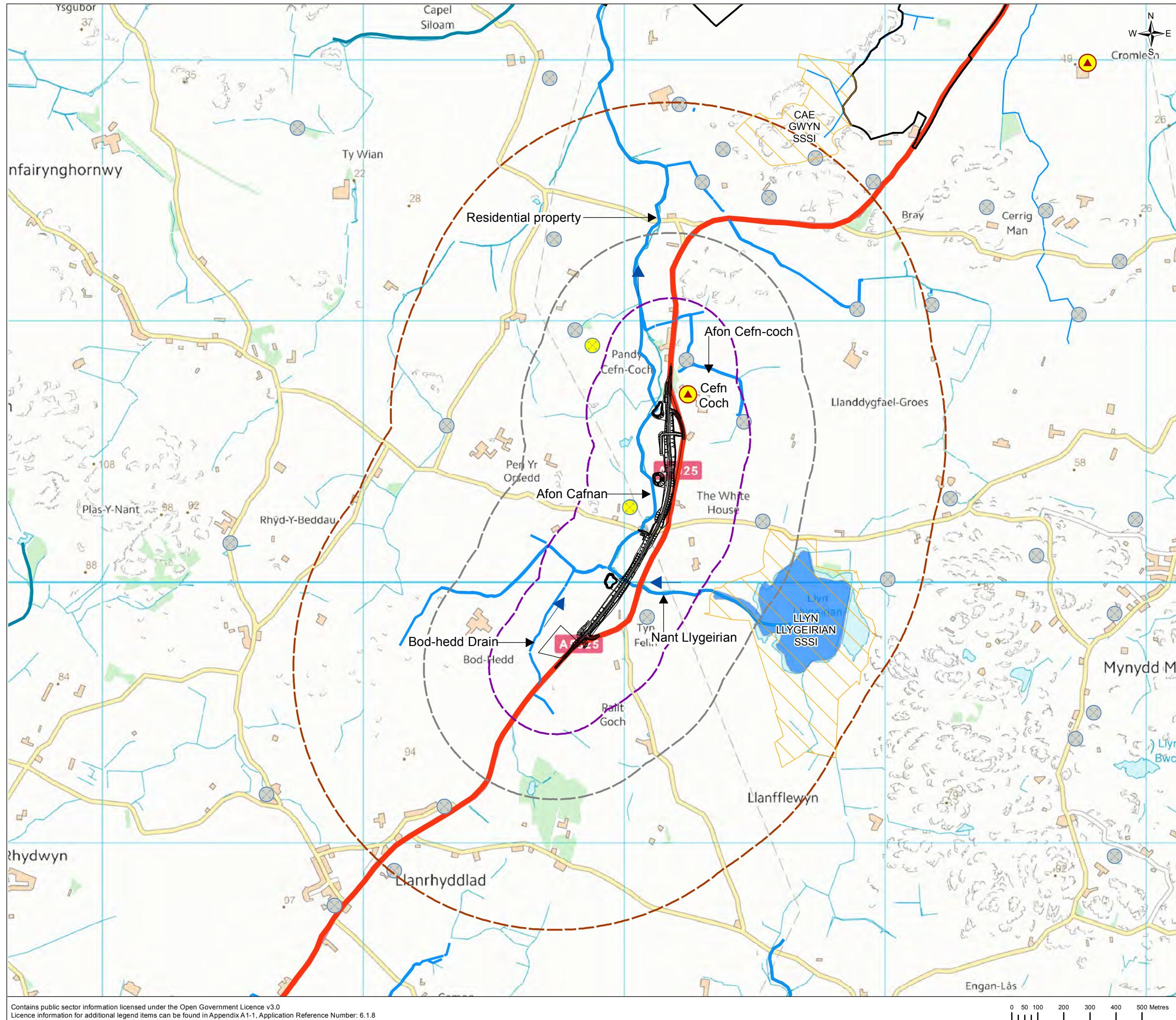
sed in whole or in part other than for the intended purpose  
this drawing. Refer to the contract for full terms and conditions.

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Licence information for additional legend items can be found in Appendix A1-1, Application Reference Number: 6.1

**FIGURE G8-4**



**FIGURE G8-5**



\* For location of this section see figure G8-1

\*\* The only wells shown are those within the 500m groundwater study areas

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd

**HORIZON**

NUCLEAR POWER

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

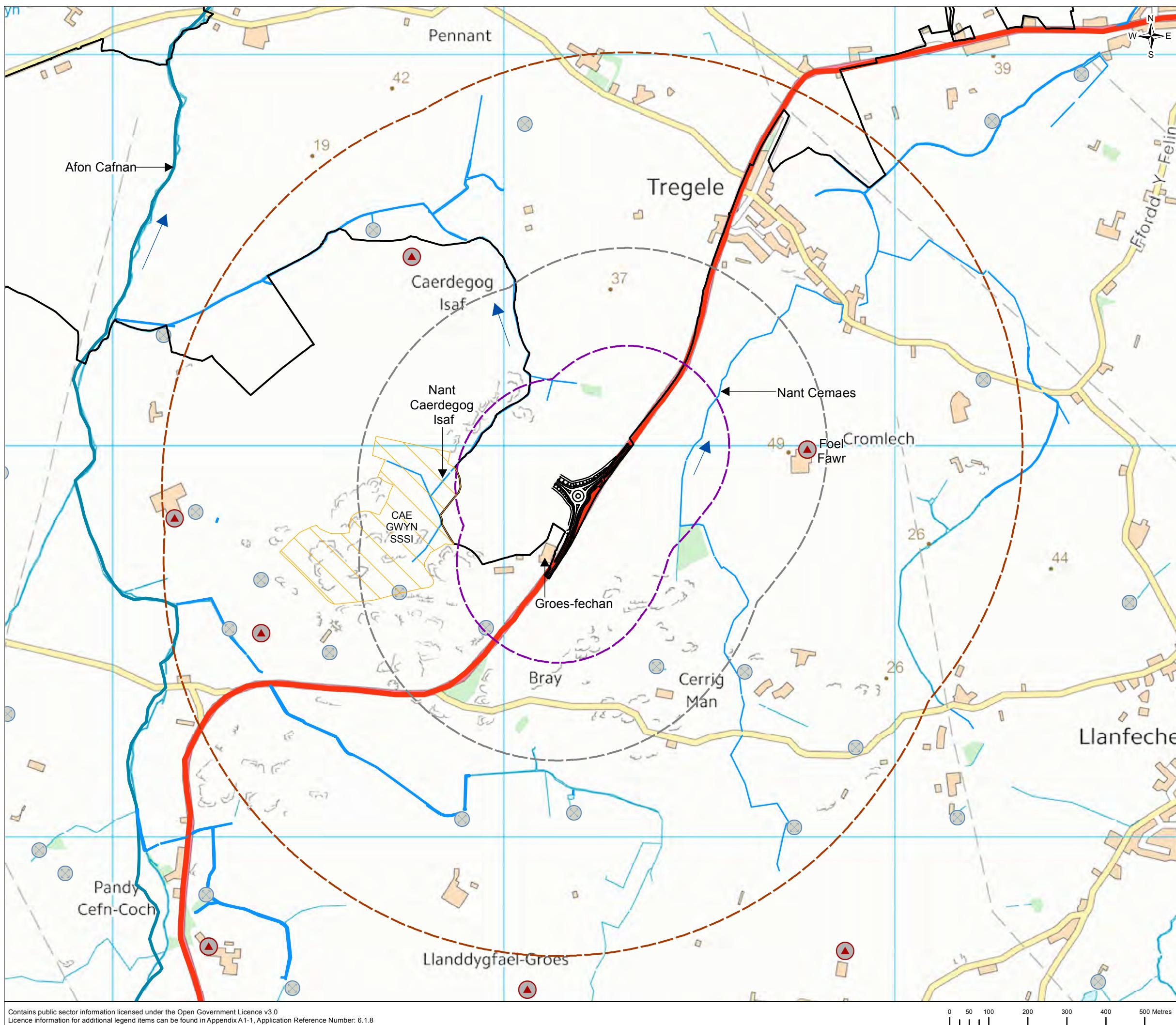
Drawing Title

STUDY AREA - SECTION 7

Scale @ A3	1:14,000	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		
Drawing No.	60PO8077_DCO_VOL_G_08_05	

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

FIGURE G8-6



\* For location of this section see figure G8-1  
\*\* The only wells shown are those within the 500m groundwater study areas

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd

**HORIZON**

NUCLEAR POWER

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title

STUDY AREA - POWER STATION ACCESS ROAD JUNCTION

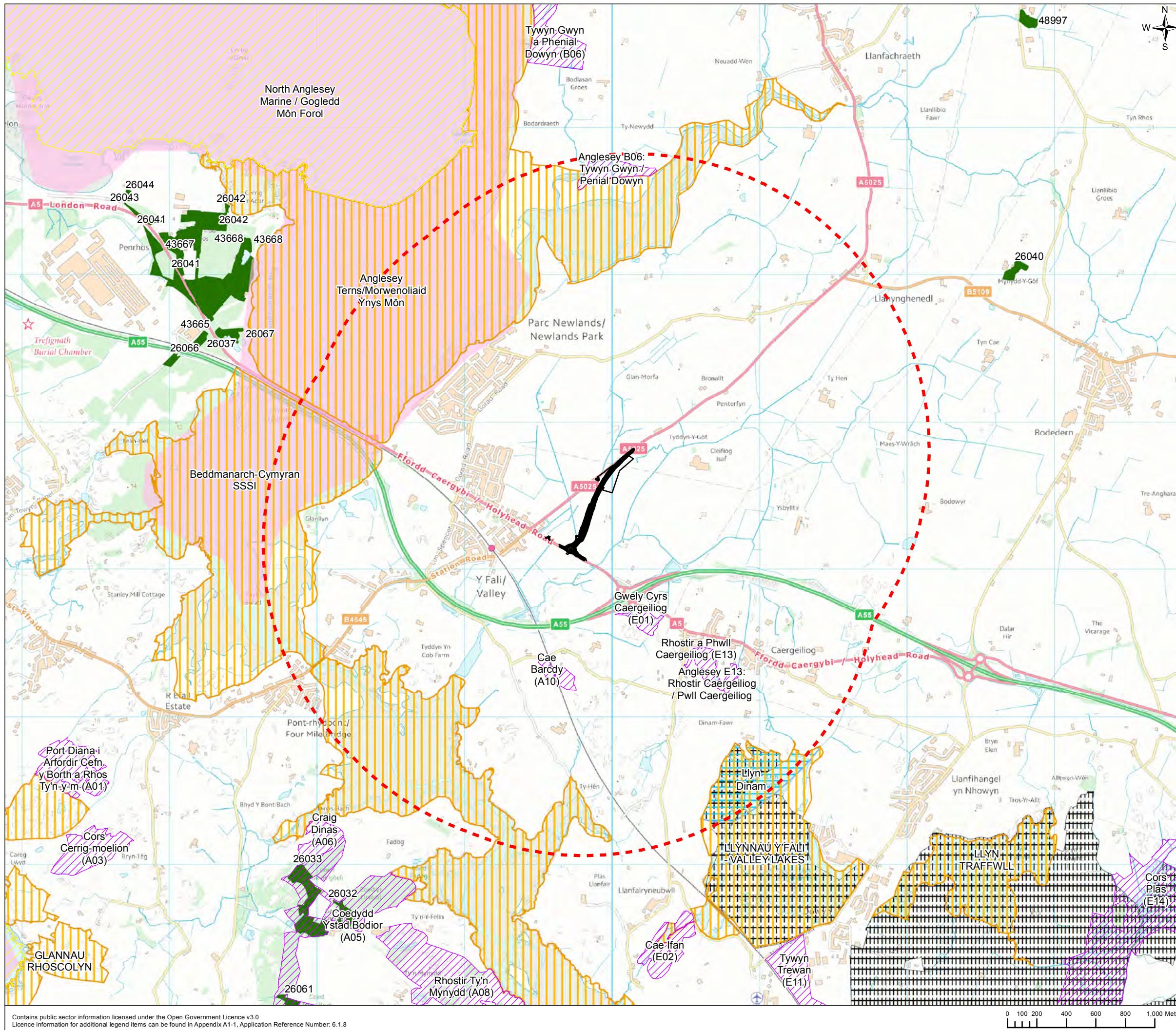
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Jacobs No.	60PO8077
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Client No.	
------------	--

Drawing No.	60PO8077_DCO_VOL_G_08_06
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## FIGURE G9-1

## Legend

— A5025 Off-line Highway Improvements (Valley)  
[red dashed box] Study area (2km)

## Statutory Designated Sites

-  Special Protection Area (SPA)
-  Special Area of Conservation (SAC)
-  Candidate Special Area of Conservation (cSAC)
-  Site of Special Scientific Interest (SSSI)

### **Non Statutory Designated Sites**

Valley Wetlands Royal Society for the Protection of Birds (RSPB) Reserve

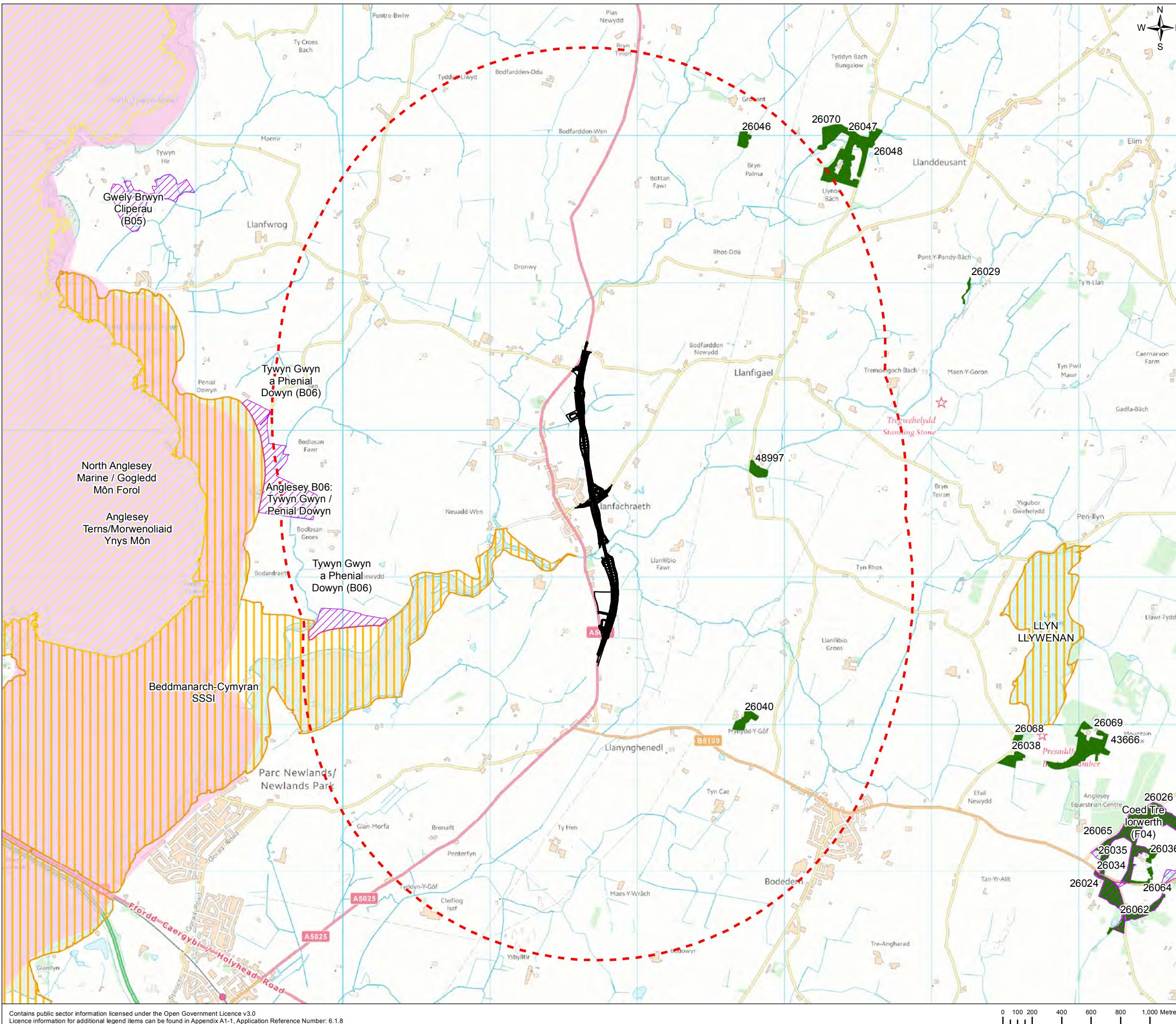
Ancient Woodland Inventory

Isle of Anglesey County Council Wildlife Site

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Client						
 <p><b>HORIZON</b> NUCLEAR POWER</p>						
Project						
<p style="text-align: center;"><b>WYLFA NEWYDD PROJECT</b> <b>ENVIRONMENTAL STATEMENT</b></p>						
Drawing Title						
<p style="text-align: center;"><b>STATUTORY AND NON-STATUTORY</b> <b>SITES FOR NATURE CONSERVATION</b> <b>AT SECTION 1: VALLEY</b></p>						
Scale @ A3	1:25,000			DO NOT SCALE		
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_09_01					
This drawing is not to be used in whole or in part other than for the intended purpose.						

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**FIGURE G9-2**



**Legend**

—	A5025 Off-line Highway Improvements (Llanfachraeth)
<span style="border: 2px dashed red; display: inline-block; width: 15px; height: 15px;"></span>	Study area (2km)
<b>Statutory Designated Sites</b>	
<span style="background-color: pink; display: inline-block; width: 15px; height: 15px;"></span>	Special Protection Area (SPA)
<span style="background-color: yellow; display: inline-block; width: 15px; height: 15px;"></span>	Candidate Special Area of Conservation (cSAC)
<span style="background-color: orange; display: inline-block; width: 15px; height: 15px;"></span>	Site of Special Scientific Interest (SSSI)
<b>Non Statutory Designated Sites</b>	
<span style="background-color: green; display: inline-block; width: 15px; height: 15px;"></span>	Ancient Woodland Inventory
<span style="background-color: purple; display: inline-block; width: 15px; height: 15px;"></span>	Isle of Anglesey County Council Wildlife Site

1.0 MAR 18 DCO submission HNPWL HNPWL HNPWL HNPWL  
Rev. Date Purpose of revision Drawn Check'd Rev'd App'd

**HORIZON**  
NUCLEAR POWER

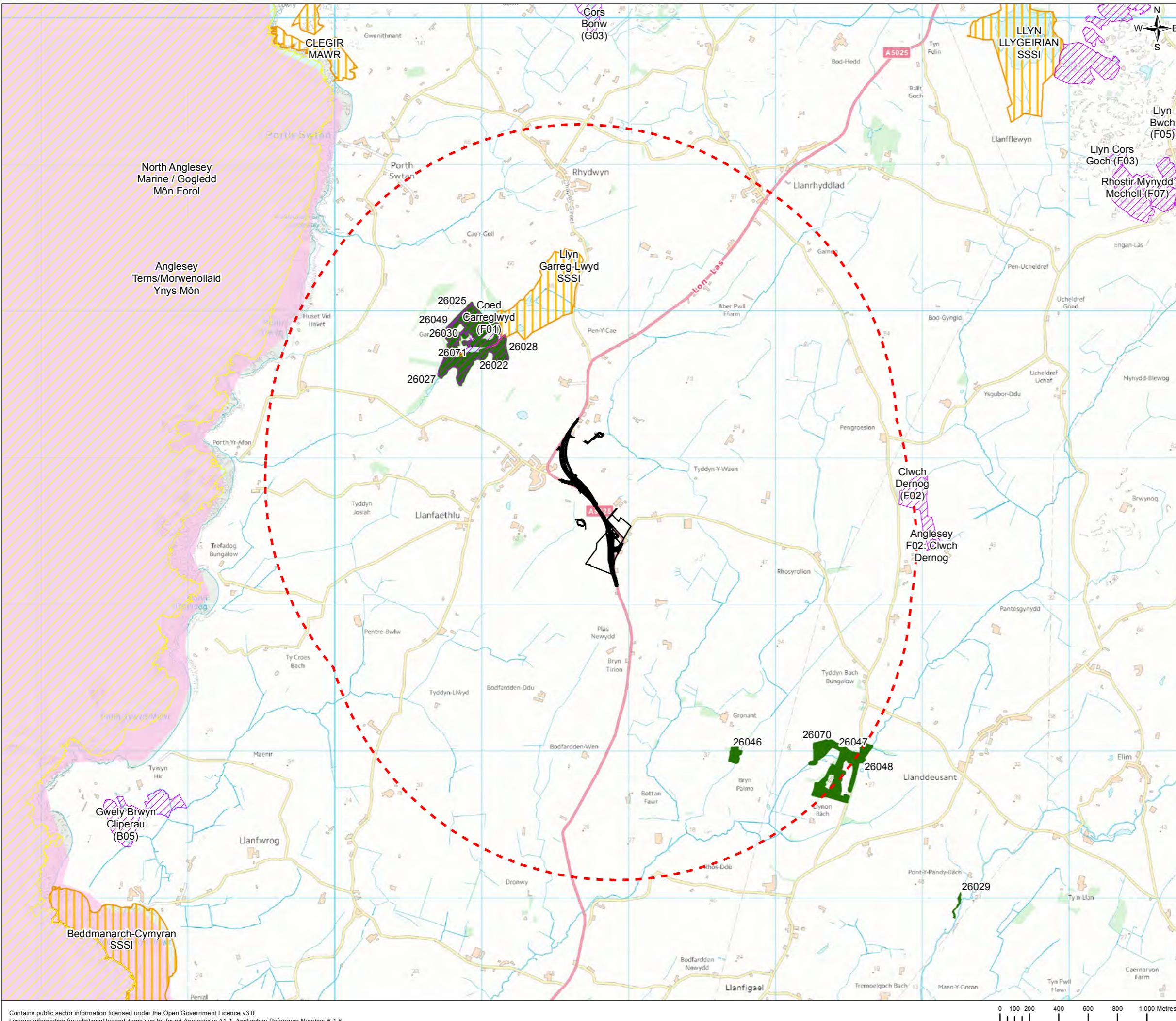
WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title  
STATUTORY AND NON-STATUTORY  
SITES FOR NATURE CONSERVATION  
AT SECTION 3: LLANFACHRAETH

Scale @ A3	1:25,000	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		
Drawing No.	60PO8077_DCO_VOL_G_09_02	

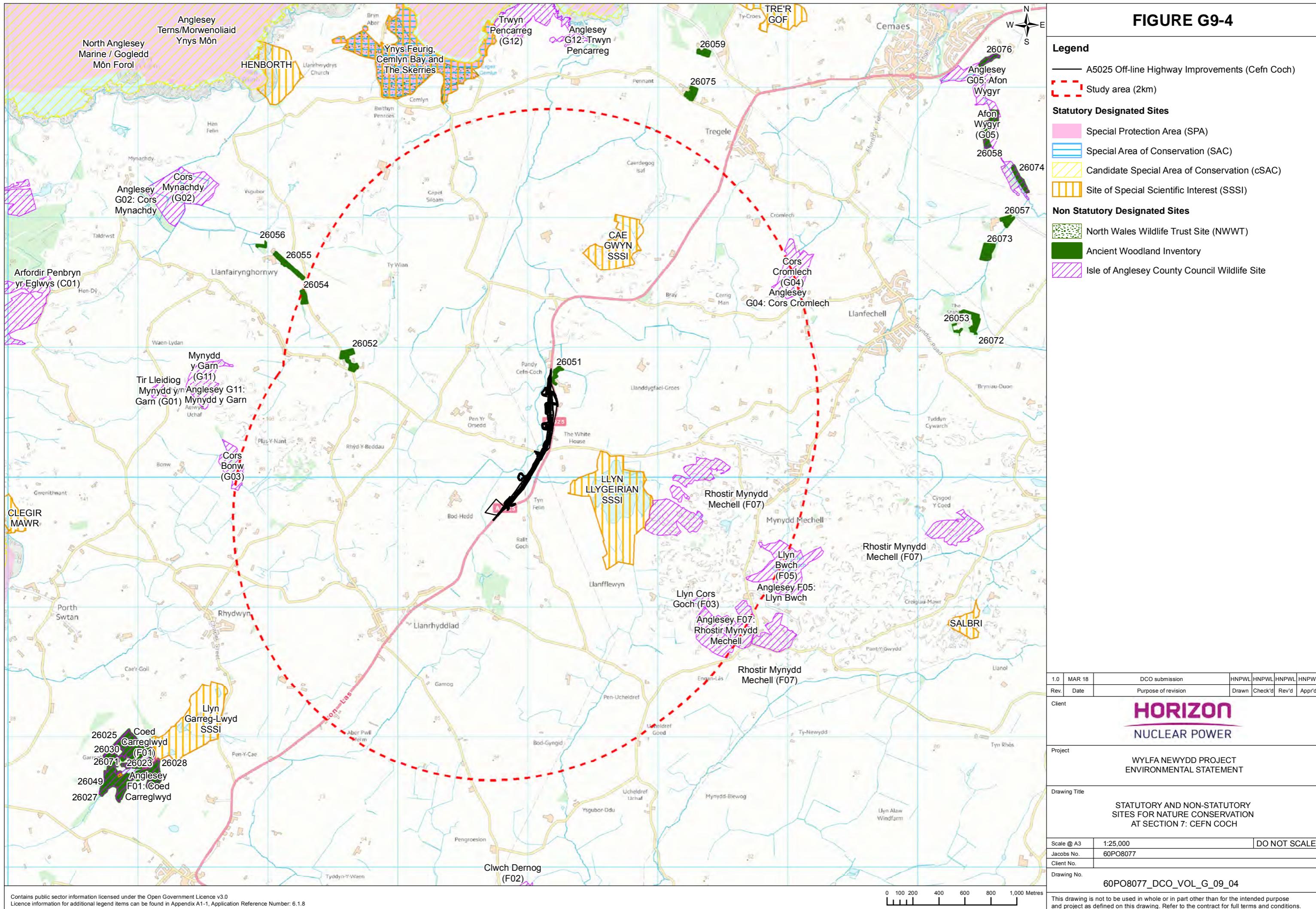
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

**FIGURE G9-3**

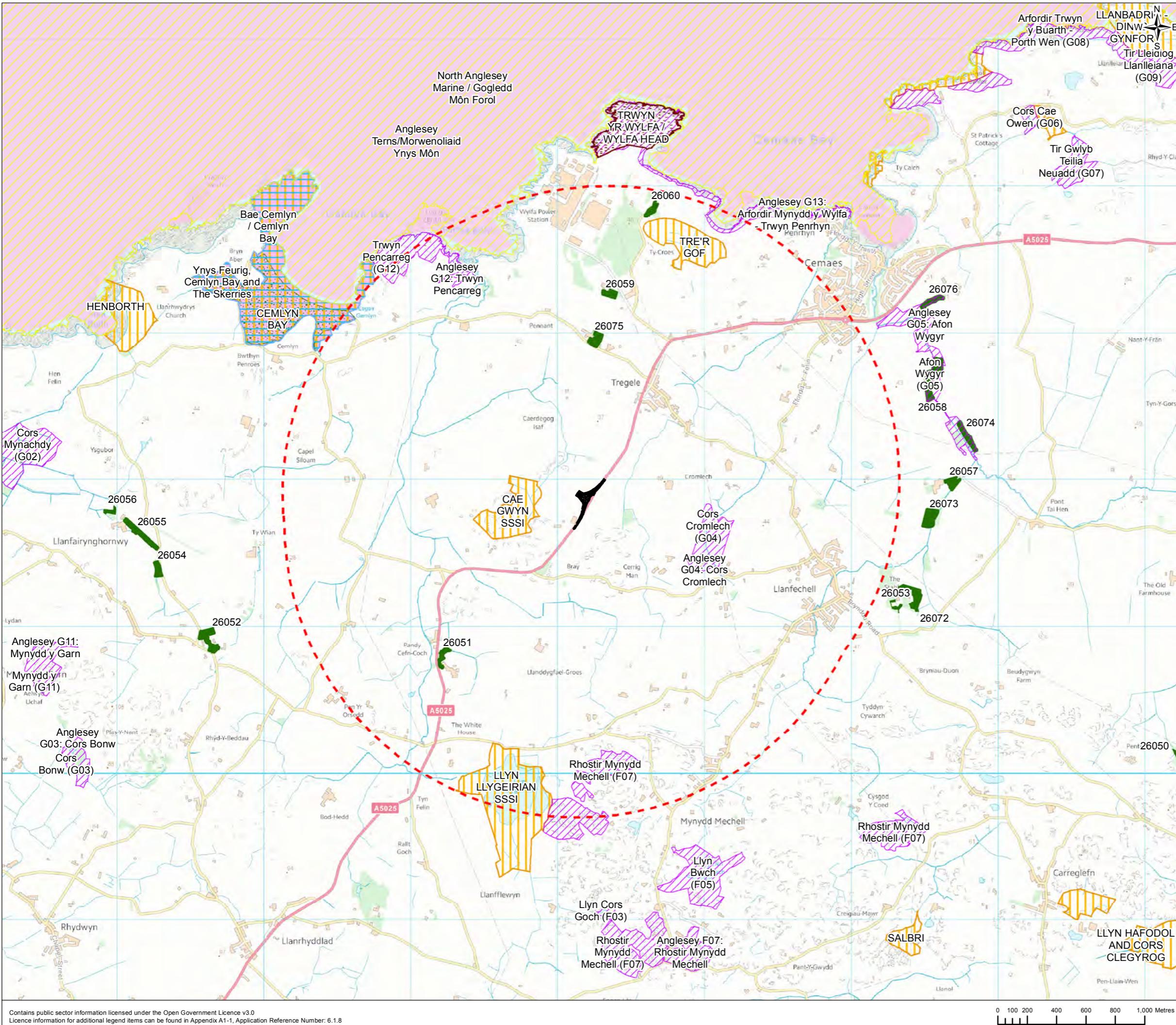


Legend						
A5025 Off-line Highway Improvements (Llanfaethlu)						
Study area (2km)						
Statutory Designated Sites						
Special Protection Area (SPA)						
Candidate Special Area of Conservation (cSAC)						
Site of Special Scientific Interest (SSSI)						
Non Statutory Designated Sites						
Ancient Woodland Inventory						
Isle of Anglesey County Council Wildlife Site						
Drawing Title						
STATUTORY AND NON-STATUTORY SITES FOR NATURE CONSERVATION AT SECTION 5: LLANFAETHLU						
Scale @ A3	1:25,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_09_03					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G9-4**

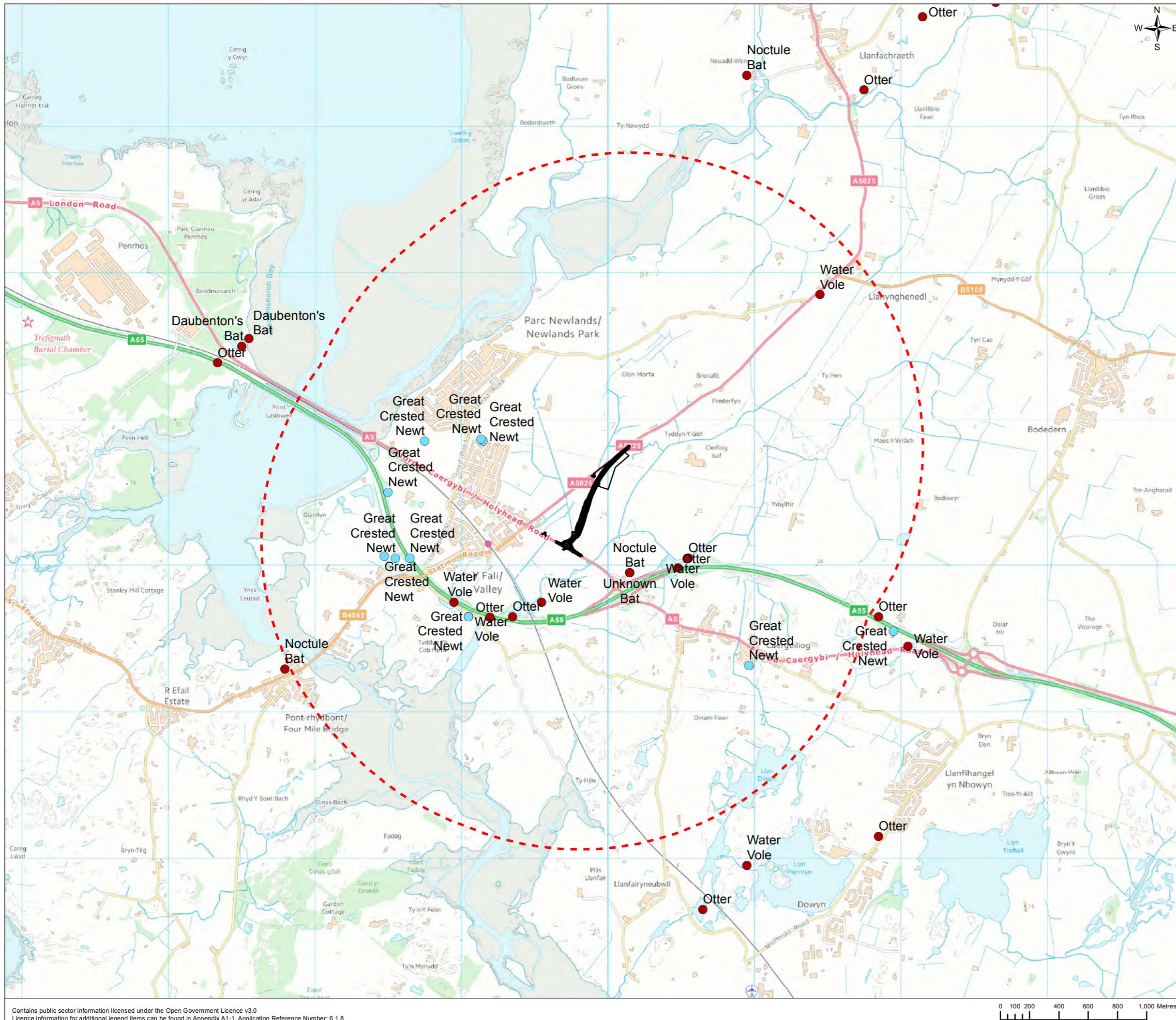


## FIGURE G9-5



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
Client						
 <p><b>HORIZON</b> NUCLEAR POWER</p>						
Project						
<p style="text-align: center;"><b>WYLFA NEWYDD PROJECT</b> <b>ENVIRONMENTAL STATEMENT</b></p>						
Drawing Title						
<p style="text-align: center;"><b>STATUTORY AND NON-STATUTORY</b> <b>SITES FOR NATURE CONSERVATION</b> <b>AT POWER STATION ACCESS ROAD JUNCTION</b></p>						
Scale @ A3	1:25,000			DO NOT SCALE		
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_09_05					
<p>This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.</p>						

FIGURE G9-6

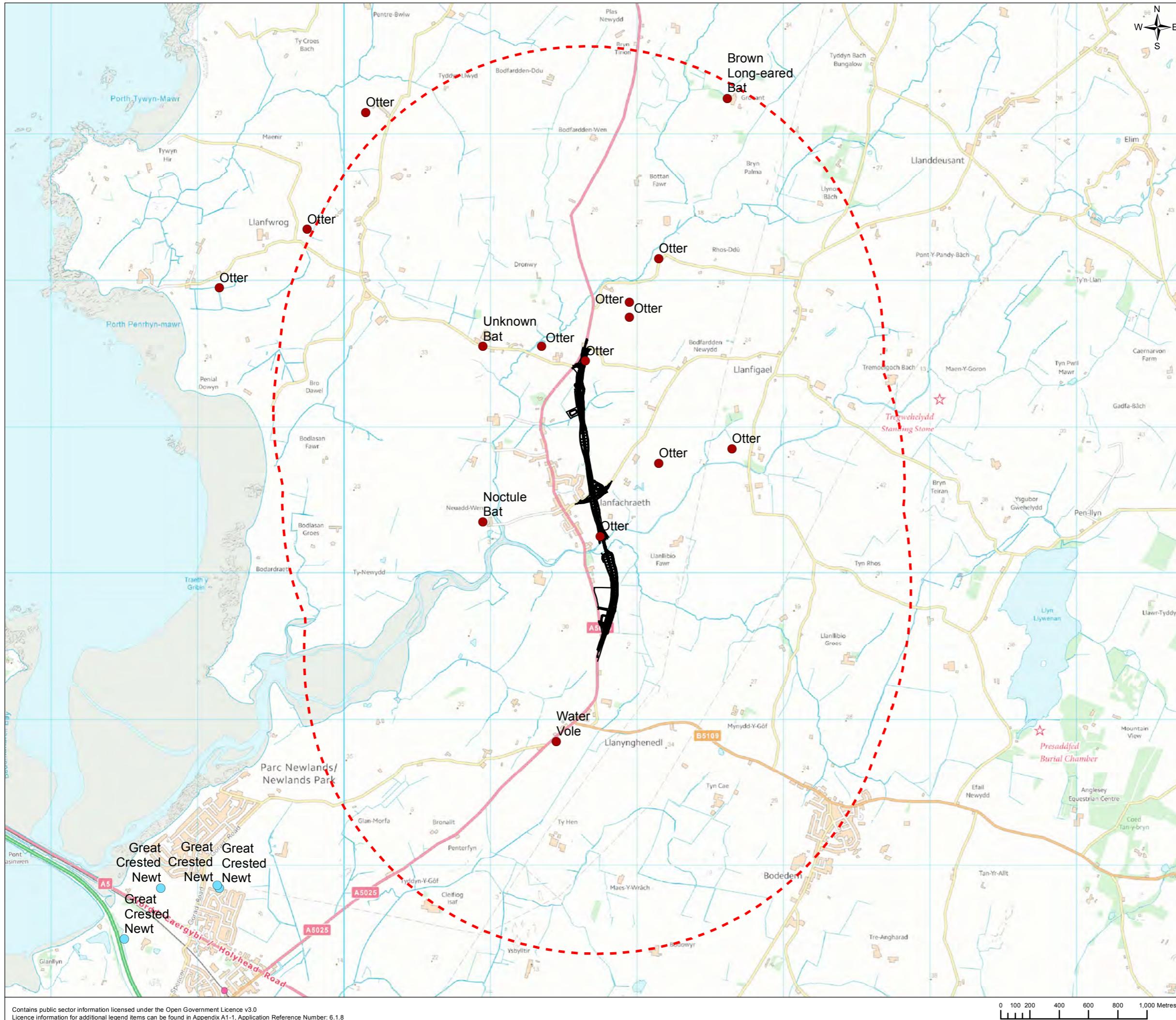


Legend

- A5025 Off-line Highway Improvements (Valley)
- Study area (2km)
- Cofnod data 2007 - 2017 (only data referred to in the ES has been displayed)
- Amphibian
- Terrestrial Mammal
- Bony Fish (Actinopterygii)

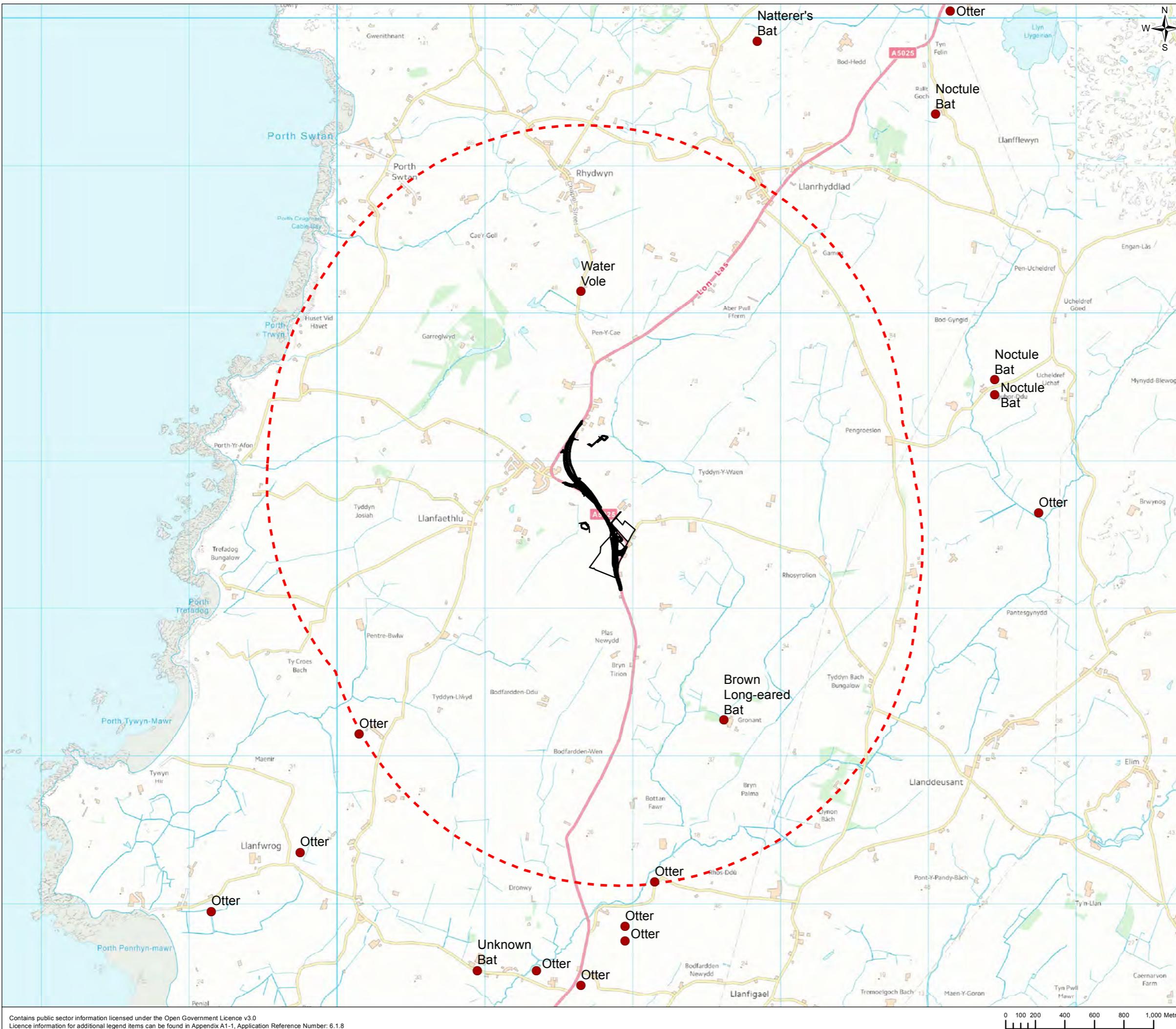
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
WYLFA NEWYDD PROJECT						
ENVIRONMENTAL STATEMENT						
Drawing Title						
COFNOD RECORDS AT SECTION 1: VALLEY						
Scale @ A3	1:25,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_09_06					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G9-7**



Legend					
A5025 Off-line Highway Improvements (Llanfachraeth)					
Study area (2km)					
Cofnod data 2007 - 2017 (only data referred to in the ES has been displayed)					
Amphibian					
Terrestrial Mammal					
Bony Fish (Actinopterygii)					
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd
Client					
Project					
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT					
Drawing Title					
COFNOD RECORDS AT SECTION 3: LLANFACHRAETH					
Scale @ A3	1:25,000	DO NOT SCALE			
Jacobs No.	60PO8077				
Client No.					
Drawing No.	60PO8077_DCO_VOL_G_09_07				
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.					

**FIGURE G9-8**



**Legend**

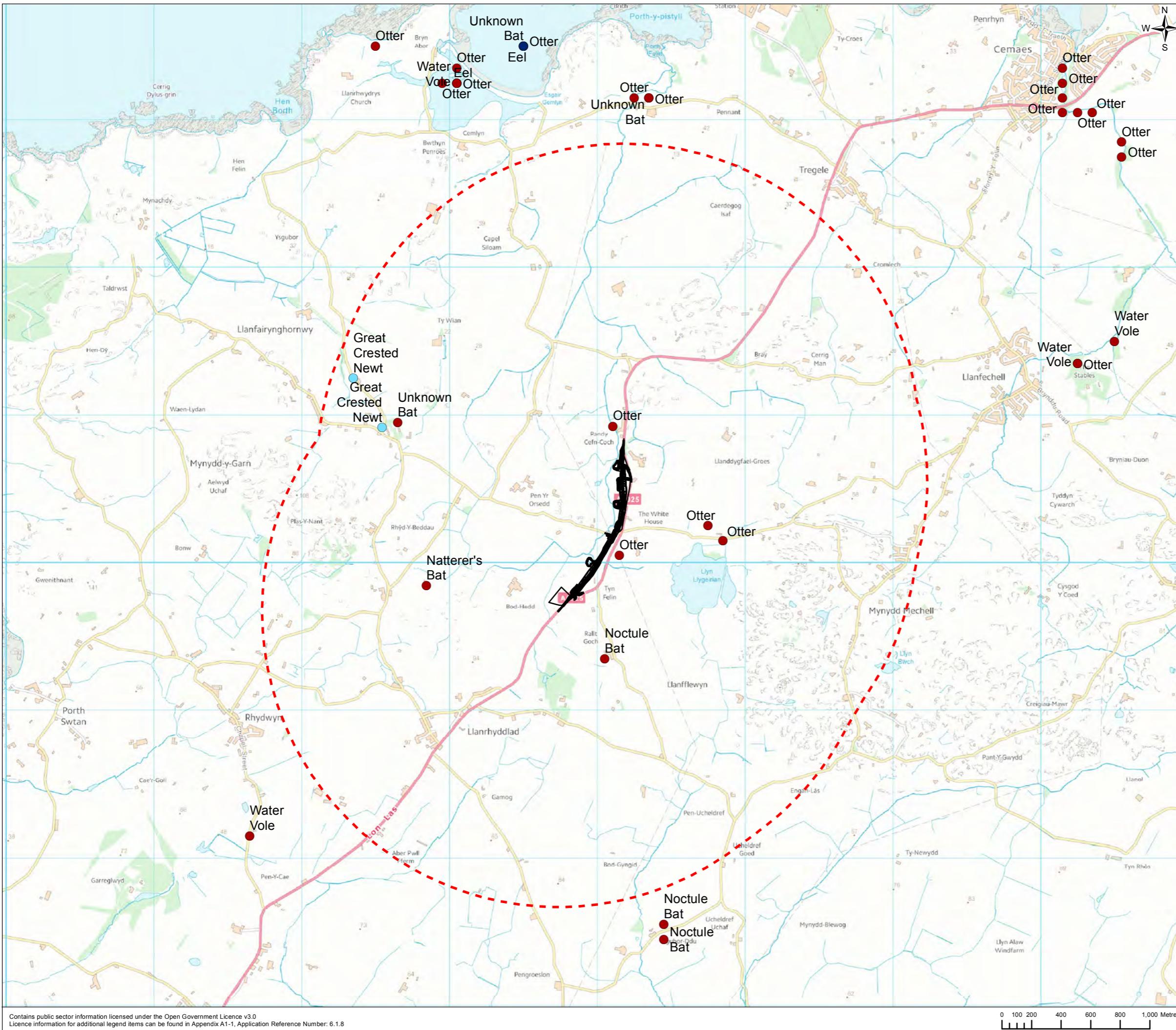
- A5025 Off-line Highway Improvements (Llanfaethlu)
- Study area (2km)

Cofnod data 2007 - 2017 (only data referred to in the ES has been displayed)

- Amphibian
- Terrestrial Mammal
- Bony Fish (Actinopterygii)

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
Client						
HORIZON						
NUCLEAR POWER						
WYLFA NEWYDD PROJECT						
ENVIRONMENTAL STATEMENT						
Drawing Title						
COFNOD RECORDS AT						
SECTION 5: LLANFAETHLU						
Scale @ A3	1:25,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_09_08					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

FIGURE G9-9

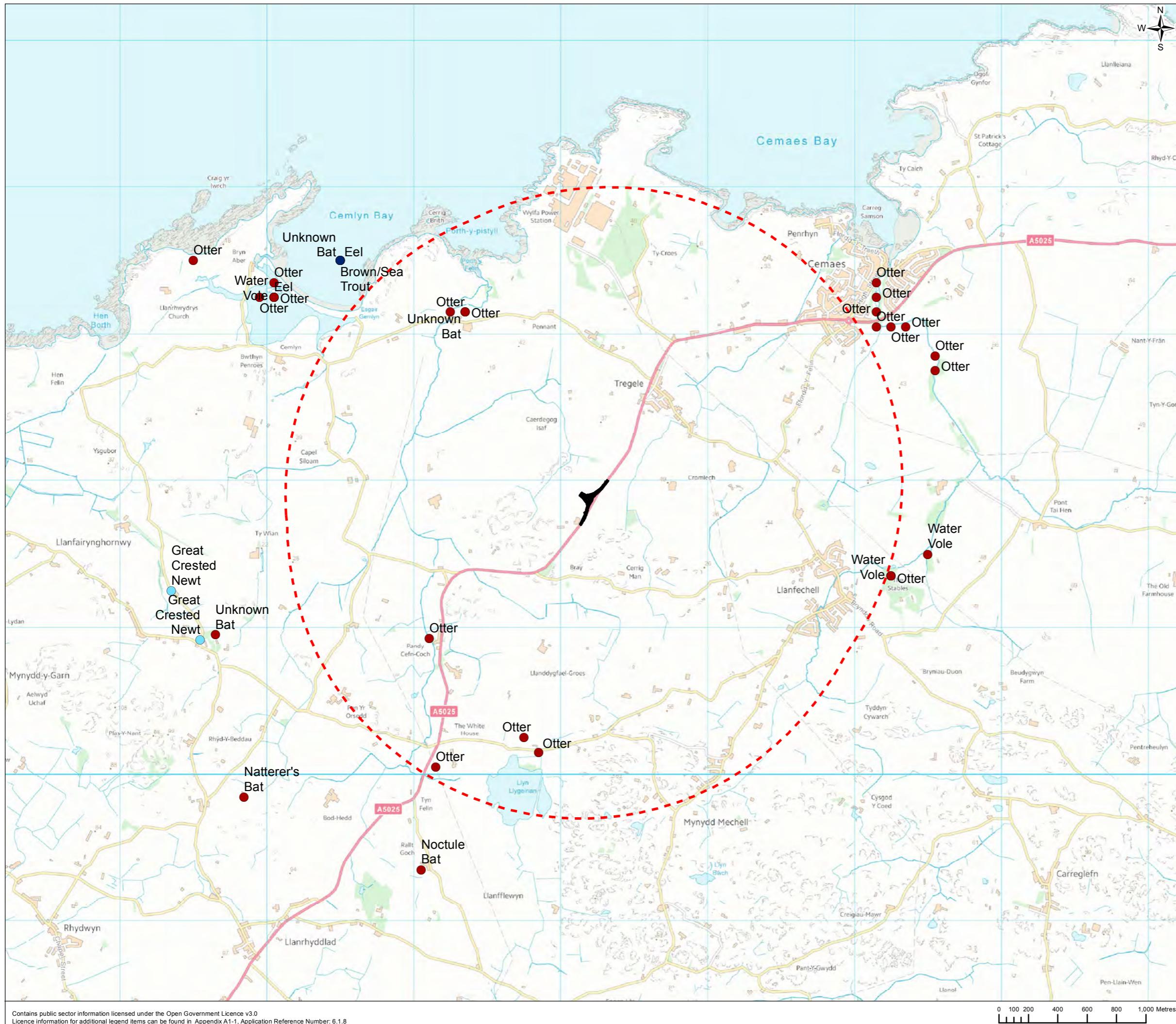


Legend

- A5025 Off-line Highway Improvements (Cefn Coch)
- Study area (2km)
- Cofnod data 2007 - 2017 (only data referred to in the ES has been displayed)
- Amphibian (Blue circle)
- Terrestrial Mammal (Red circle)
- Bony Fish (Actinopterygii) (Dark Blue circle)

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT						
ENVIRONMENTAL STATEMENT						
Drawing Title						
COFNOD RECORDS AT						
SECTION 7: CEFN COCH						
Scale @ A3	1:25,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_09_09					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G9-10**

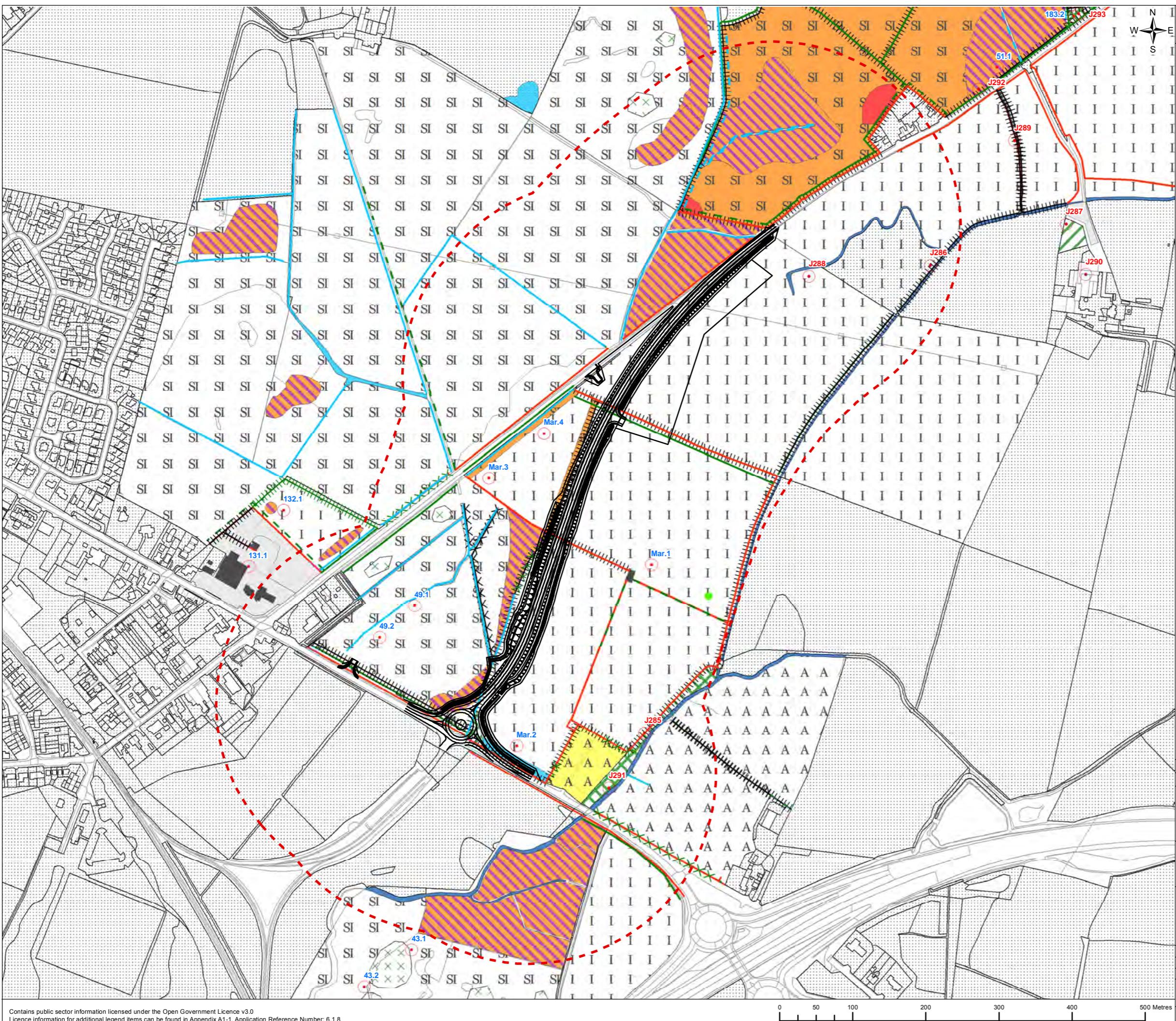


**Legend**

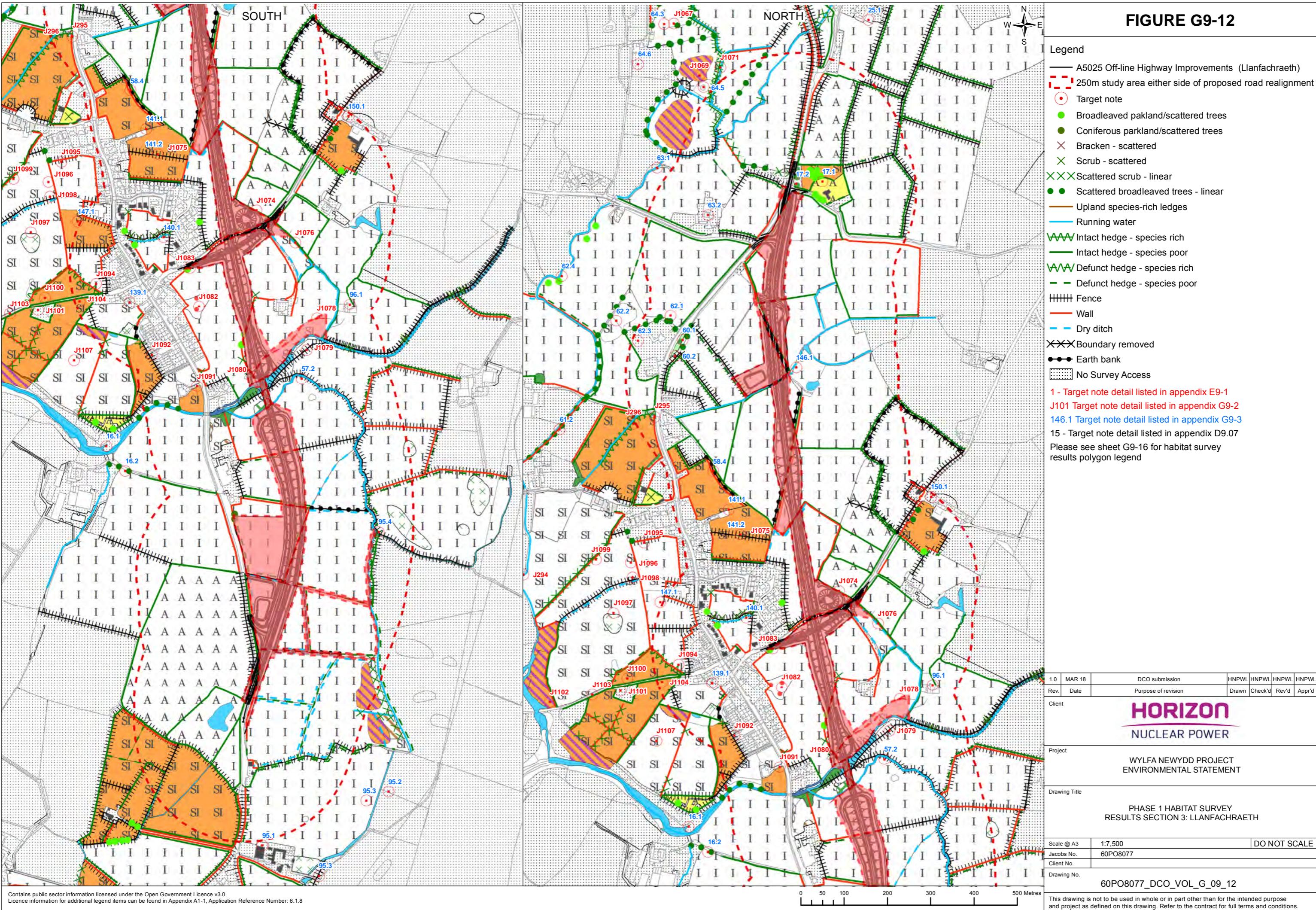
- Power Station access road junction
- Study area (2km)
- Cofnod data 2007 - 2017 (only data referred to in the ES has been displayed)
- Amphibian
- Terrestrial Mammal
- Bony Fish (Actinopterygii)

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
Client						
HORIZON						
NUCLEAR POWER						
WYLFA NEWYDD PROJECT						
ENVIRONMENTAL STATEMENT						
Drawing Title						
COFNOD RECORDS AT POWER STATION ACCESS ROAD JUNCTION						
Scale @ A3	1:25,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_09_10					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

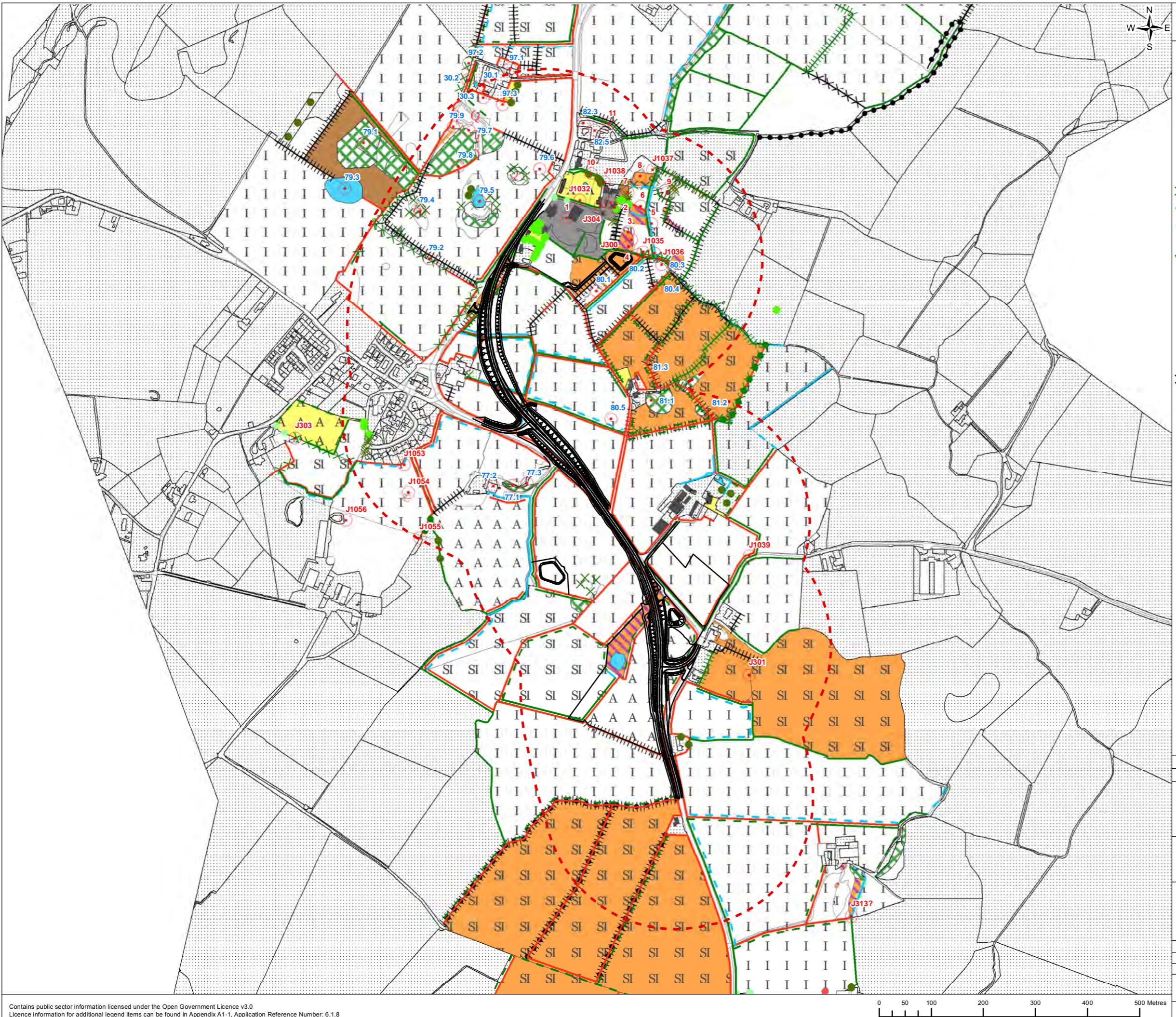
**FIGURE G9-11**



**FIGURE G9-12**



**FIGURE G9-13**



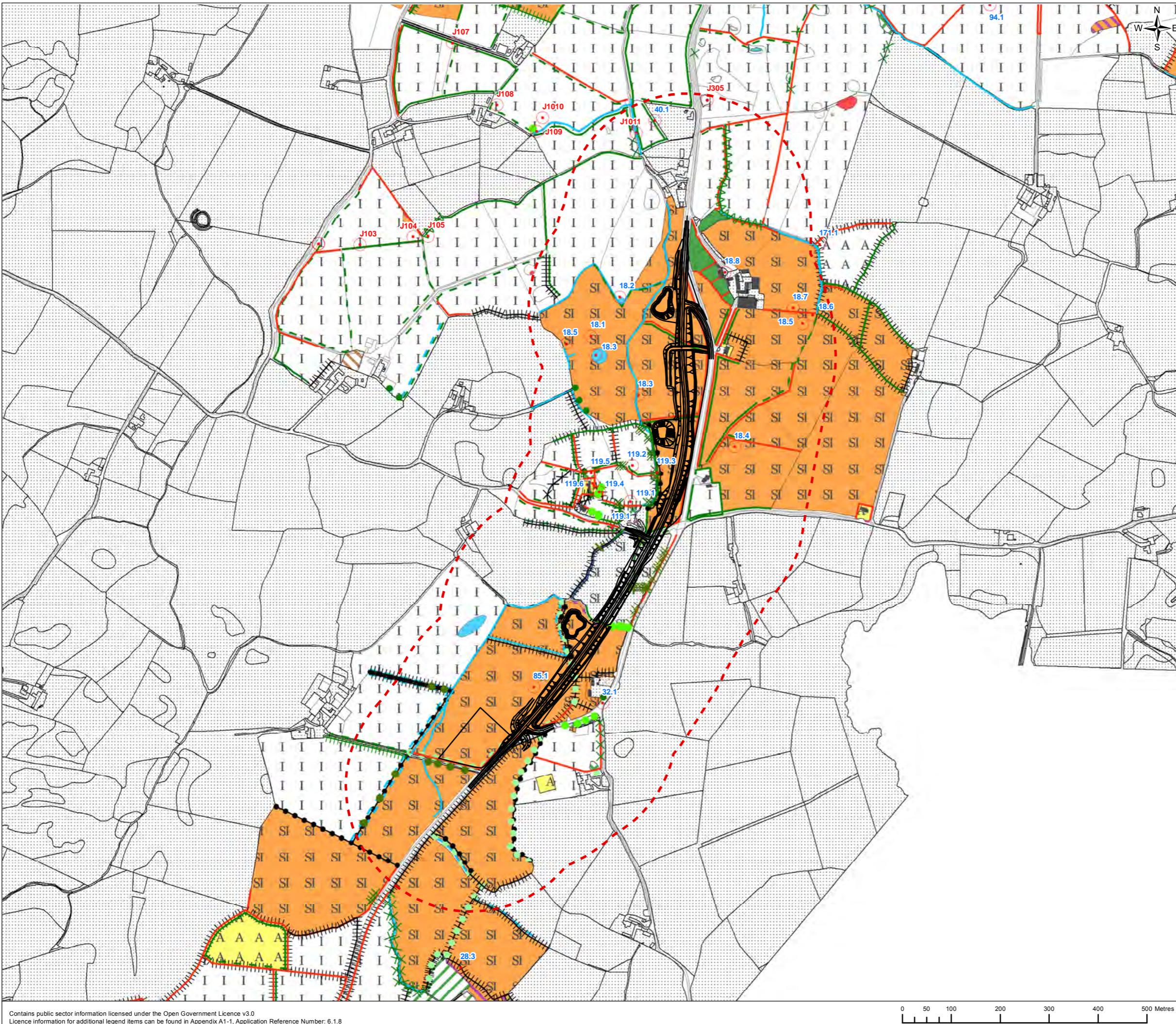
**Legend**

- A5025 Off-line Highway Improvements (Llanfaethlu)
- 250m study area either side of proposed road realignment
- Target note
- Broadleaved parkland/scattered trees
- Coniferous parkland/scattered trees
- Bracken - scattered
- Scrub - scattered
- Scattered scrub - linear
- Scattered broadleaved trees - linear
- Scattered coniferous trees - linear
- Running water
- Intact hedge - species rich
- Intact hedge - species poor
- Defunct hedge - species poor
- Hedge with trees - species poor
- Fence
- Wall
- Dry ditch
- Boundary removed
- Earth bank
- No Survey Access

1 - Target note detail listed in appendix E9-1  
 J101 Target note detail listed in appendix G9-2  
 146.1 Target note detail listed in appendix G9-3  
 15 - Target note detail listed in appendix D9.07  
 Please see sheet G9-16 for habitat survey results polygon legend

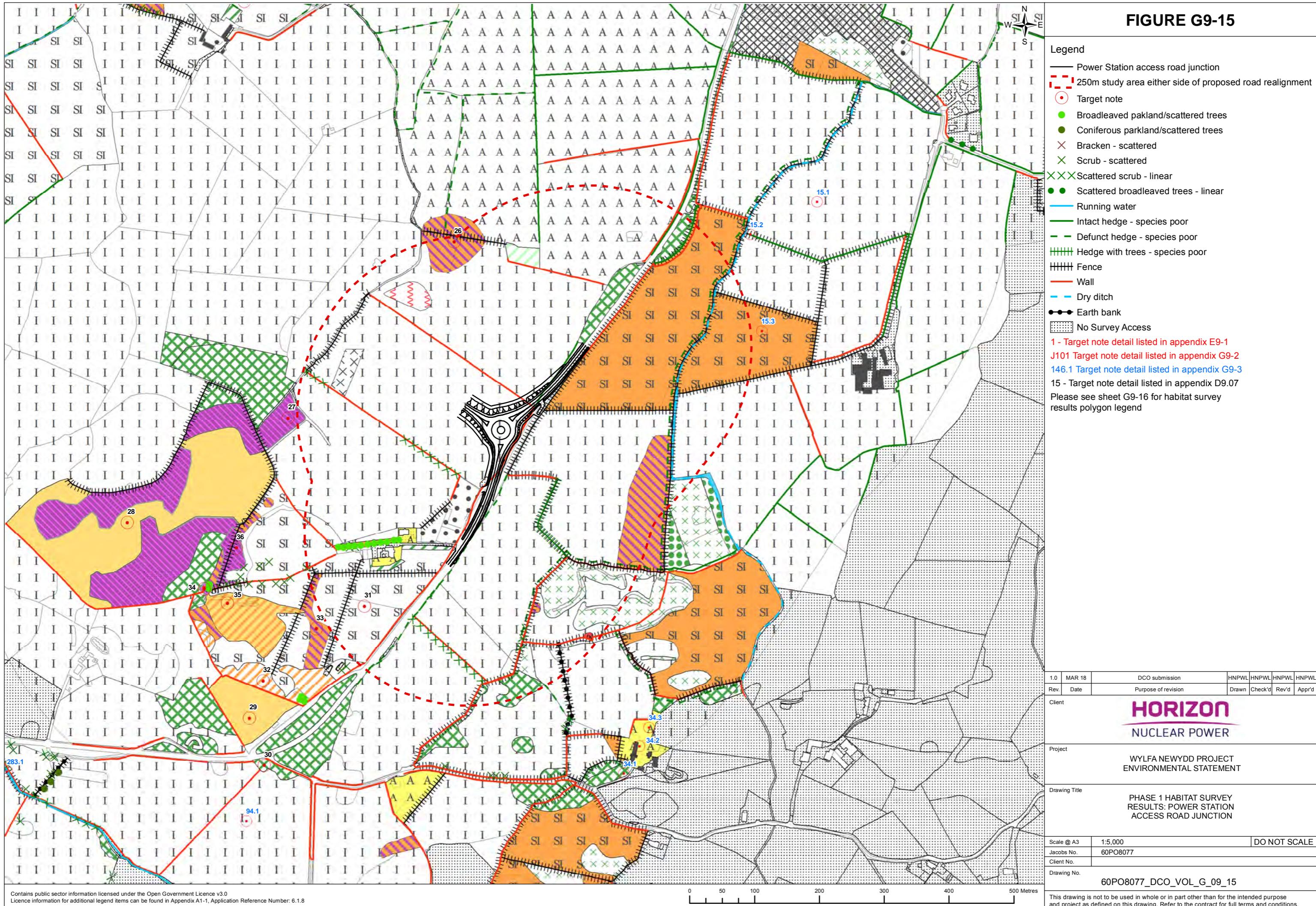
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
PHASE 1 HABITAT SURVEY RESULTS SECTION 5: LLANFAETHLU						
Scale @ A3	1:7,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_09_13					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

**FIGURE G9-14**



Legend					
A5025 Off-line Highway Improvements (Cefn Coch)					
250m study area either side of proposed road realignment					
Target note					
● Broadleaved parkland/scattered trees					
● Coniferous parkland/scattered trees					
✗ Bracken - scattered					
✗ Scrub - scattered					
XXXX Scattered scrub - linear					
● Scattered broadleaved trees - linear					
● Scattered coniferous trees - linear					
Running water					
WWWW Intact hedge - species rich					
Intact hedge - species poor					
- - - Defunct hedge - species poor					
Hedge with trees - species poor					
Fence					
— Wall					
- - Dry ditch					
XXXX Boundary removed					
●●● Earth bank					
██████████ No Survey Access					
1 - Target note detail listed in appendix E9-1					
J101 Target note detail listed in appendix G9-2					
146.1 Target note detail listed in appendix G9-3					
15 - Target note detail listed in appendix D.07					
Please see sheet G9-16 for habitat survey results polygon legend					
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd
Client					
<b>HORIZON</b>					
NUCLEAR POWER					
Project					
WYLFA NEWYDD PROJECT					
ENVIRONMENTAL STATEMENT					
Drawing Title					
PHASE 1 HABITAT SURVEY					
RESULTS SECTION 7: CEFN COCH					
Scale @ A3	1:7,500	DO NOT SCALE			
Jacobs No.	60PO8077				
Client No.					
Drawing No.	60PO8077_DCO_VOL_G_09_14				
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.					

**FIGURE G9-15**



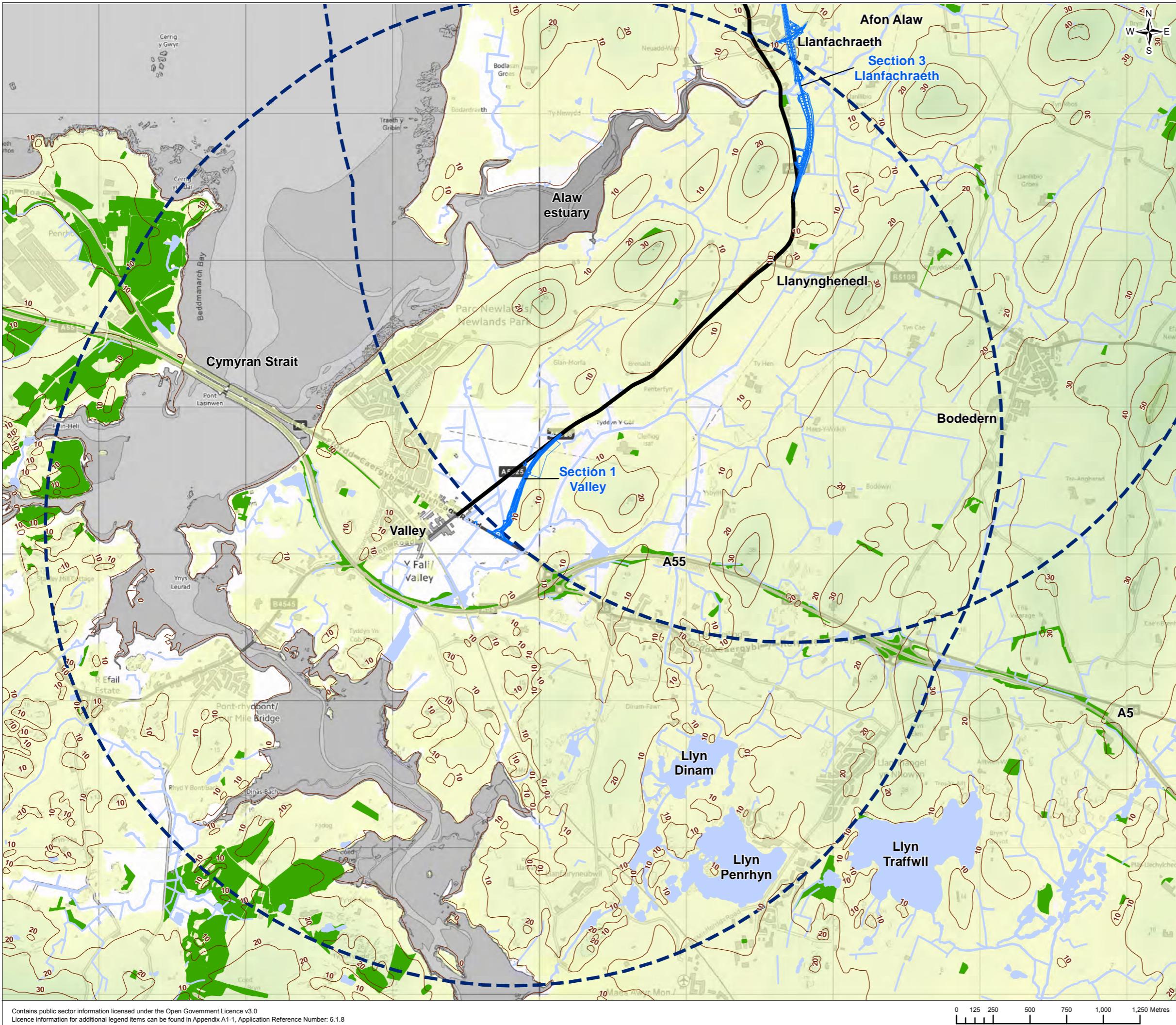
**FIGURE G9-16**

Phase one legend

++x	Scattered scrub - linear		Broadleaved semi-natural woodland		Swamp
•••	Scattered broadleaved trees - linear		Broadleaved plantation woodland		Inundation vegetation
•••	Scattered coniferous trees - linear		Coniferous plantation woodland		Standing water
•••	Scattered mixed trees - linear		Mixed semi-natural woodland		Running water
~	Upland species-rich ledges		Mixed plantation woodland		Coastal grassland
~	Running water		Dense scrub		Coastal heathland
~	Intact hedge - species rich		Scattered scrub		Hard standing
~	Intact hedge - species poor		Scattered trees		Inland cliff
~	Defunct hedge - species rich		Unimproved acid grassland		Scree
~	Defunct hedge - species poor		Unimproved neutral grassland		Other exposure - acid / neutral
~	Hedge with trees - species rich		Semi-improved neutral grassland		Other exposure - basic
~	Hedge with trees - species poor		Unimproved calcareous grassland		Quarry
~	Fence		Improved grassland		Spoil
~	Wall		Marshy grassland		Arable
~	Dry ditch		Poor semi-improved grassland		Amenity grassland
~	Boundary removed		Continuous bracken		Ephemeral
~	Earth bank		Scattered bracken		Introduced shrub
			Tall ruderal		Dry ditch
			Acid dry dwarf shrub heath		Building
			Dry heath / acid grassland		Bare ground
			Fen		Other
			Fen - basin mire		Not accessed

Legend G9-16 relates to figures G9-11, G9-12, G9-13, G9-14 and G9-15 phase 1 habitat survey results polygons

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
PHASE 1 HABITAT SURVEY RESULTS: LEGEND						
Scale @ A3	1:5,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_09_16					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

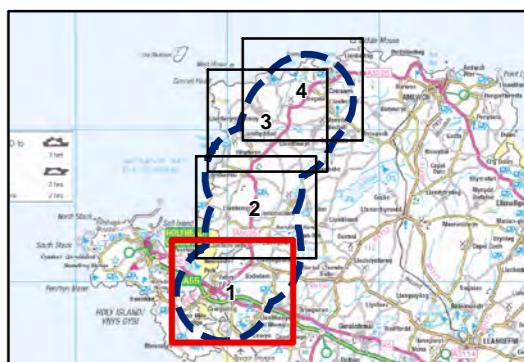
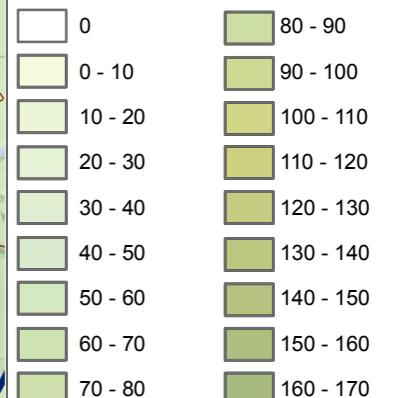


## FIGURE G10-1

## Legend

- A5025 Off-line Highway Improvements
- Existing A5025
-  3km overarching study area
- 10m contours
-  Woodland
-  Surface waters

Elevation (m)



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Client						

## HORIZON

#### NUCLEAR POWER

## Project

## WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

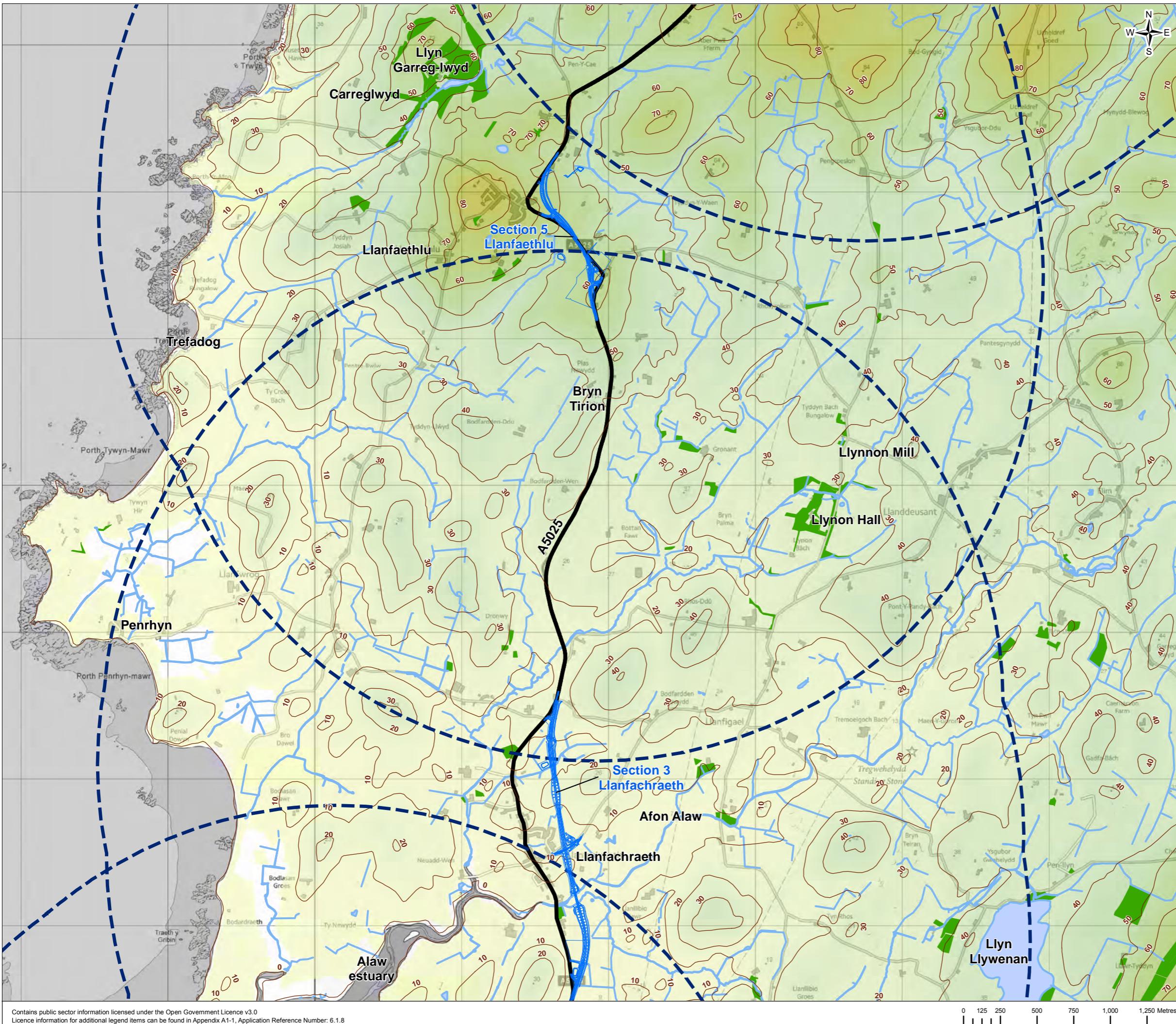
Drawing Title

A5025 OFF-LINE HIGHWAY IMPROVEMENTS  
LANDSCAPE CONTEXT  
SHEET 1 OF 4

Scale @ A3	1:25,000	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		
Drawing No.	60PO8077_DCO_VOL_G_10_01	

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

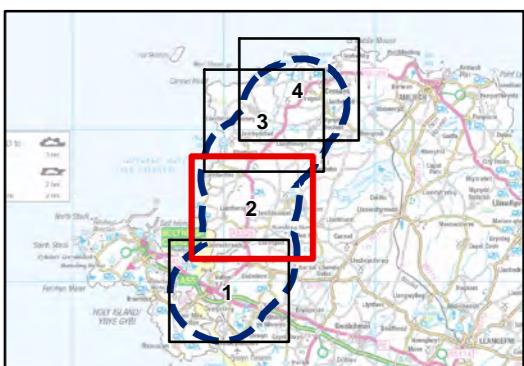
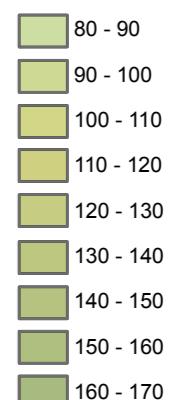
**FIGURE G10-2**



Legend

- A5025 Off-line Highway Improvements
- Existing A5025
- 3km overarching study area
- 10m contours
- Woodland
- Surface waters

Elevation (m)



1.0 MAR 18 DCO submission HNPWL HNPWL HNPWL HNPWL

Rev. Date Purpose of revision Drawn Check'd Rev'd App'd

Client

**HORIZON**  
NUCLEAR POWER

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title  
A5025 OFF-LINE HIGHWAY IMPROVEMENTS  
LANDSCAPE CONTEXT  
SHEET 2 OF 4

Scale @ A3 1:25,000 DO NOT SCALE

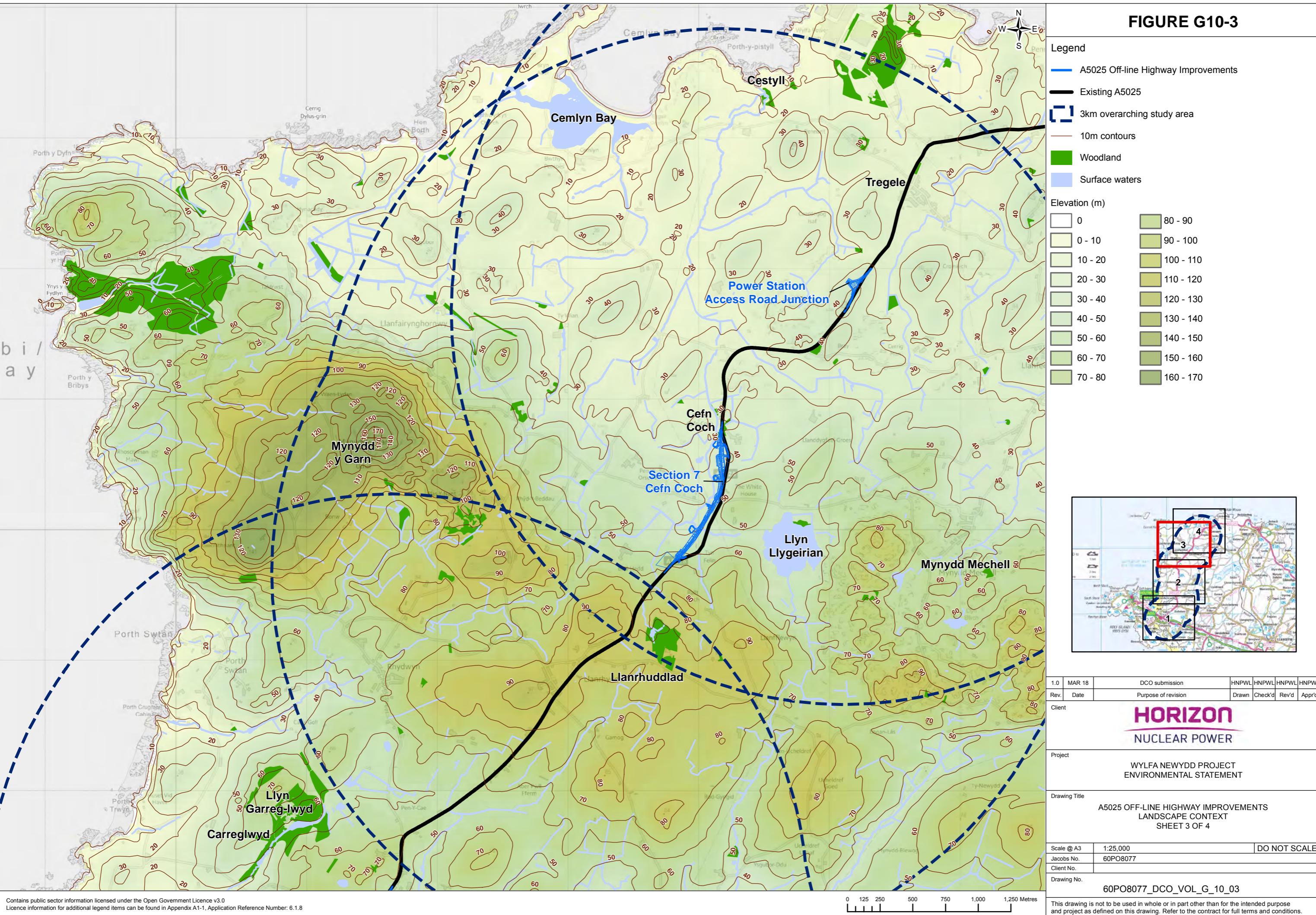
Jacobs No. 60PO8077

Client No.

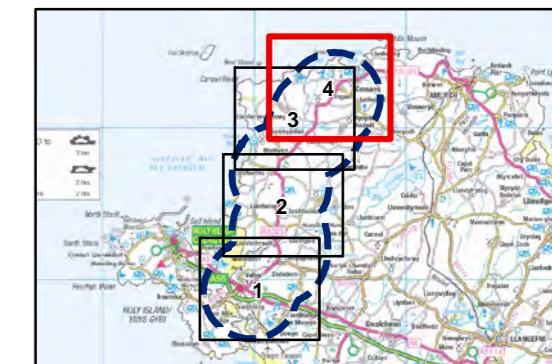
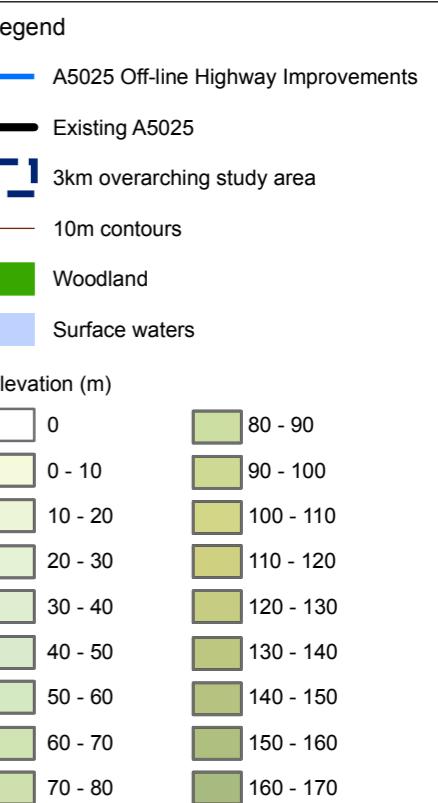
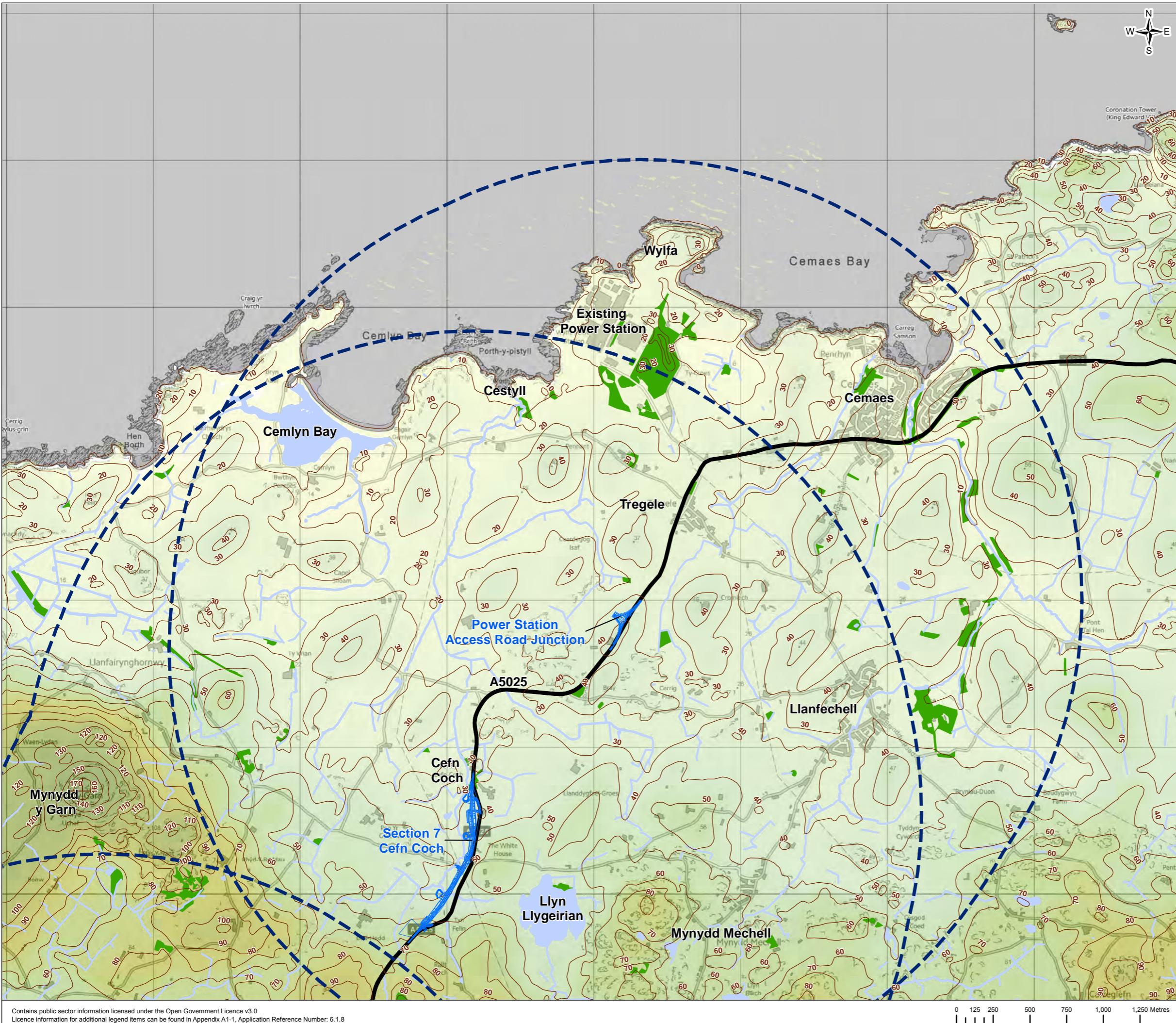
Drawing No. 60PO8077\_DCO\_VOL\_G\_10\_02

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**FIGURE G10-3**



**FIGURE G10-4**



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
A5025 OFF-LINE HIGHWAY IMPROVEMENTS LANDSCAPE CONTEXT SHEET 4 OF 4						
Scale @ A3	1:25,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_G_10_04					

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

**FIGURE G10-5**

