

# Wylfa Newydd Project

## Volume 6: Environmental Statement (Part 44/73)

ES Volume D - WNDA Development Figure Booklet - Volume D (Part 2/2)

PINS Reference Number: EN010007

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Application Reference Number: 6.4.101

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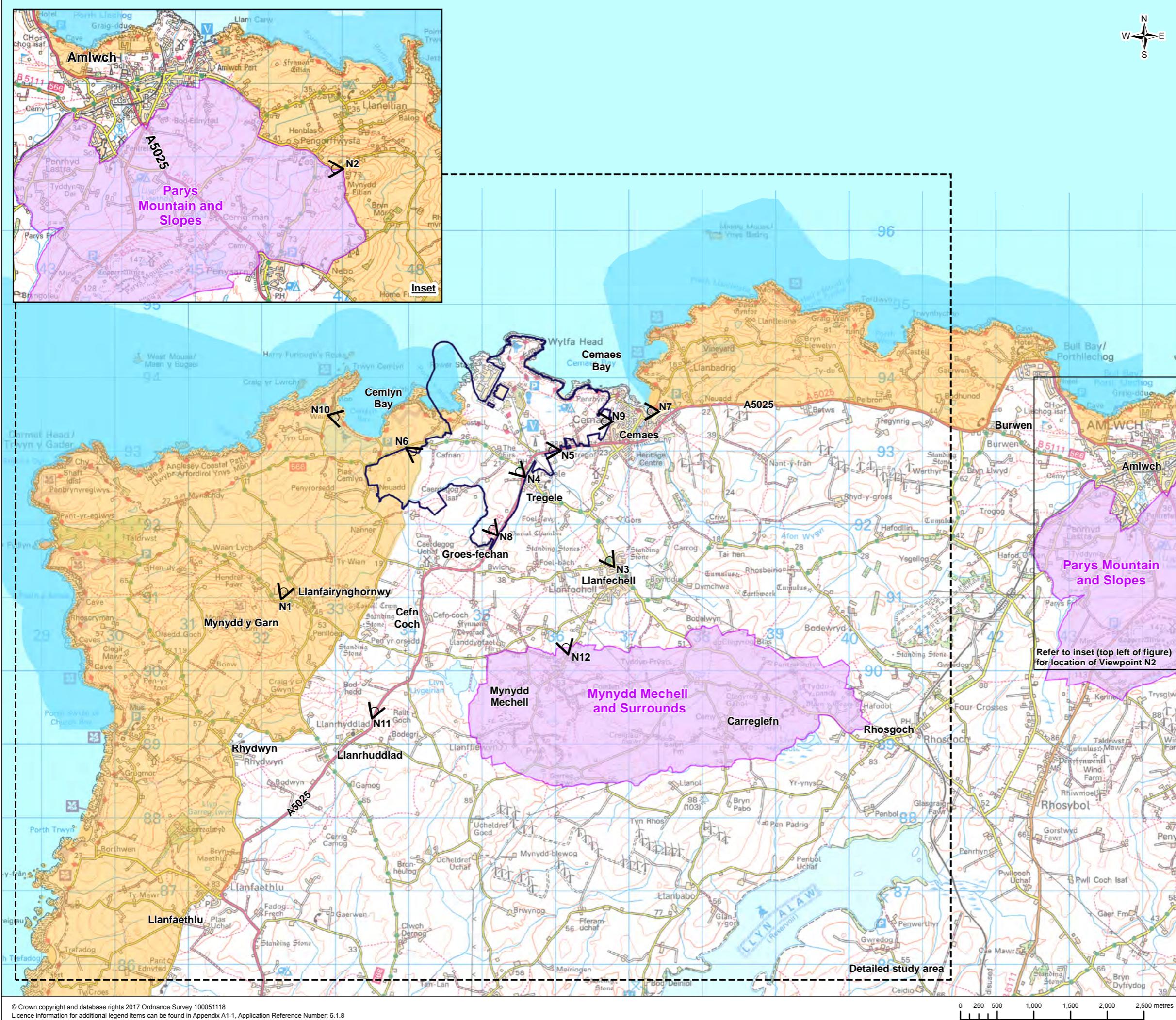
June 2018

Revision 1.0

Regulation Number: 5(2)(a)

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

## FIGURE D10-17



Legend

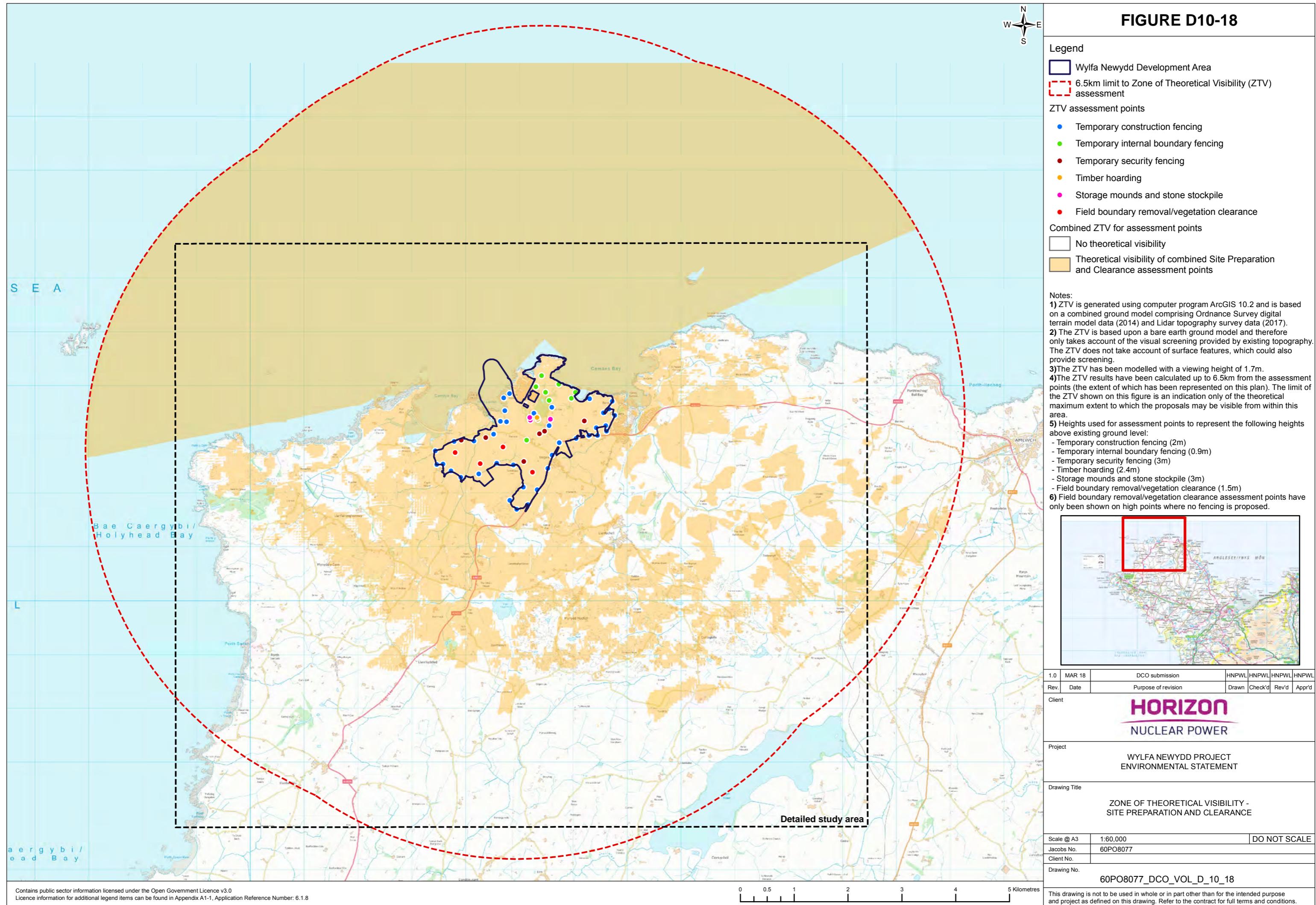
- Wylfa Newydd Development Area
- Detailed study area
- Night-time viewpoint position and direction
- Isle of Anglesey Area of Outstanding Natural Beauty
- North Anglesey Heritage Coast
- Special Landscape Area

The image shows a detailed map of Anglesey (Ynys Môn) in Wales. A red rectangular box, labeled 'Main frame', encloses the central and southern parts of the island, including the towns of Holyhead, Beaumaris, and Llangefni. A black rectangular box, labeled 'Inset', is located in the upper left corner of the main frame, showing a magnified view of the western coast and the Menai Strait area. The map features a grid of roads in various colors (red, green, blue, pink) and includes labels for towns, villages, and geographical features. A scale bar and a north arrow are also present.

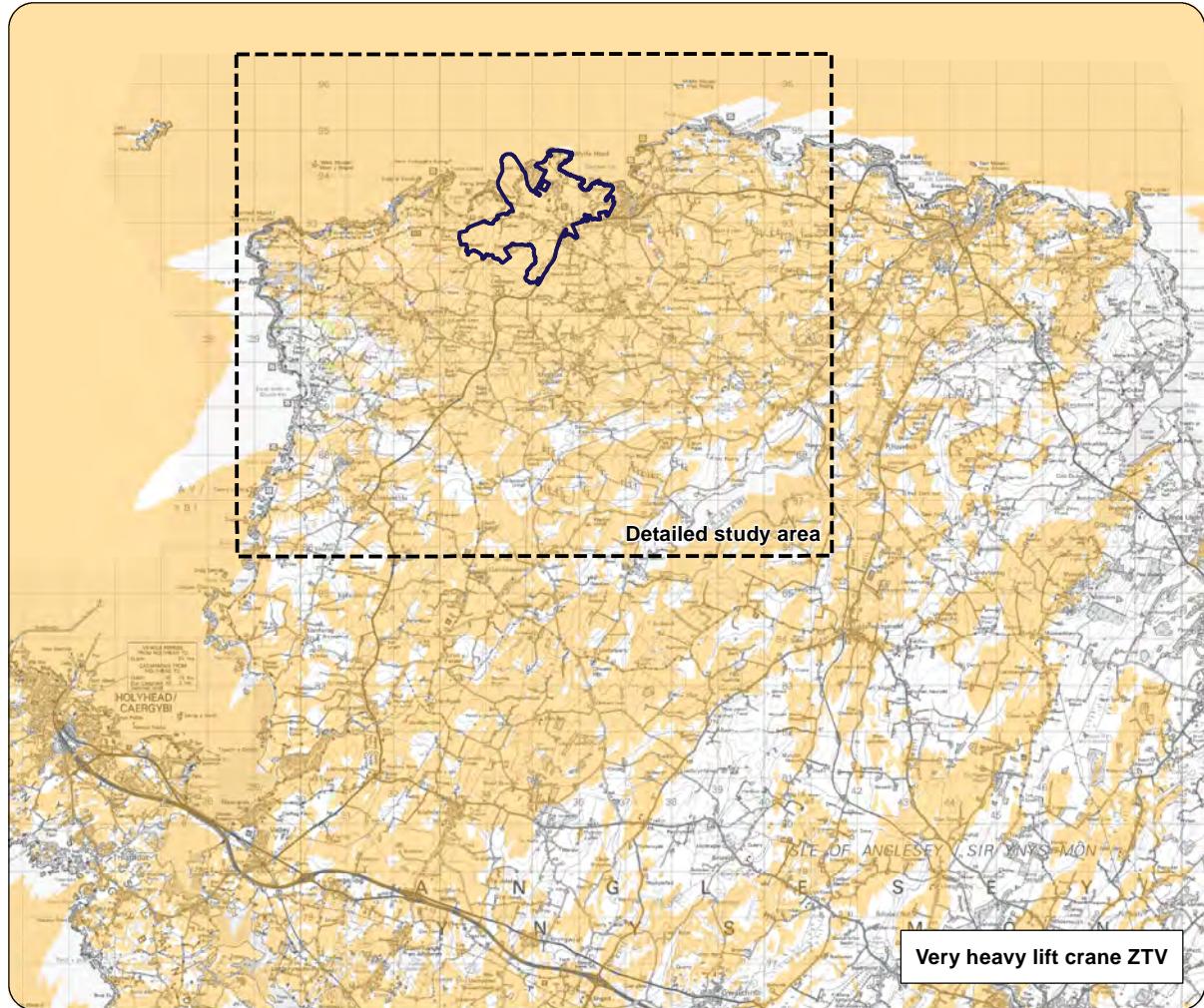
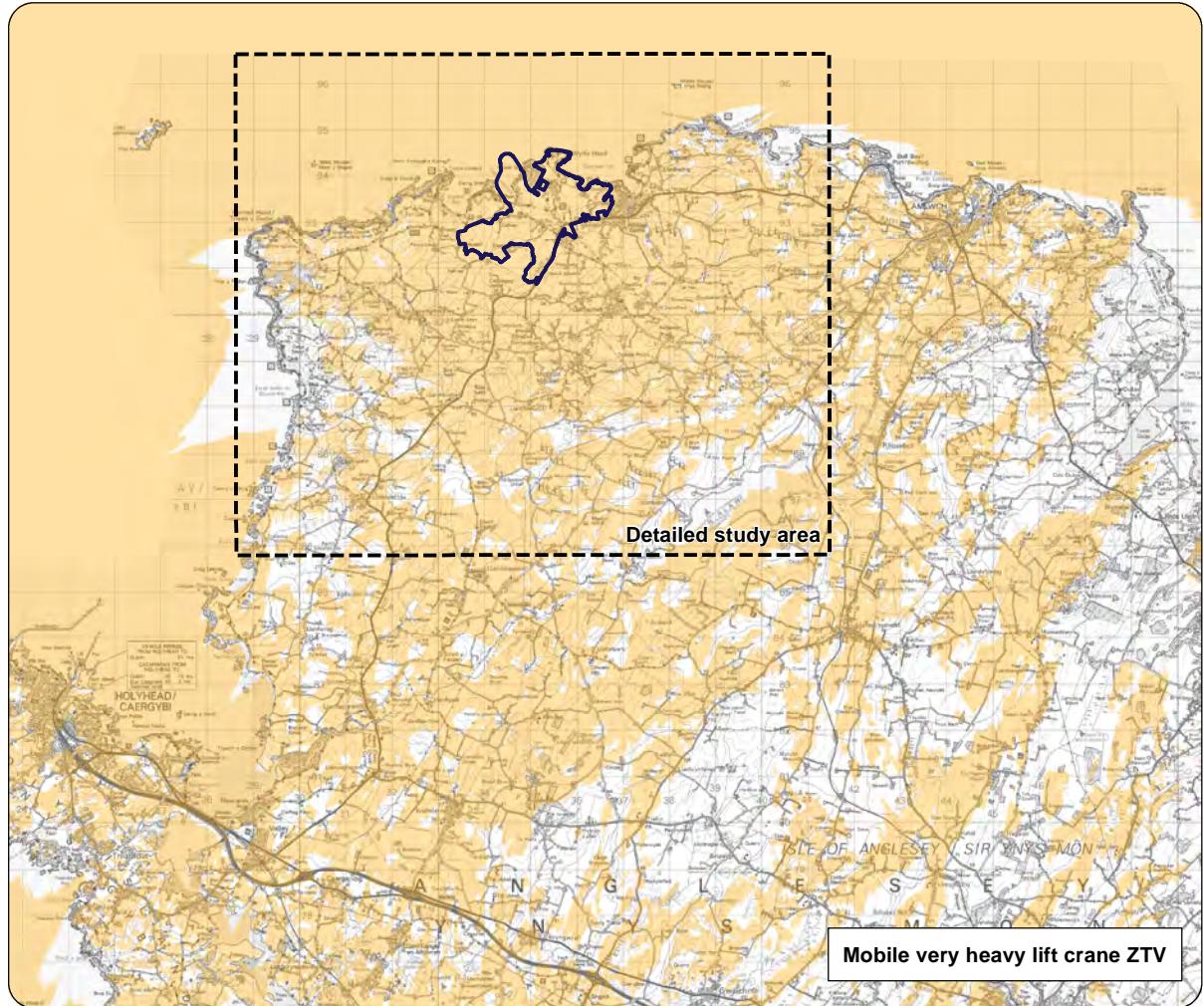
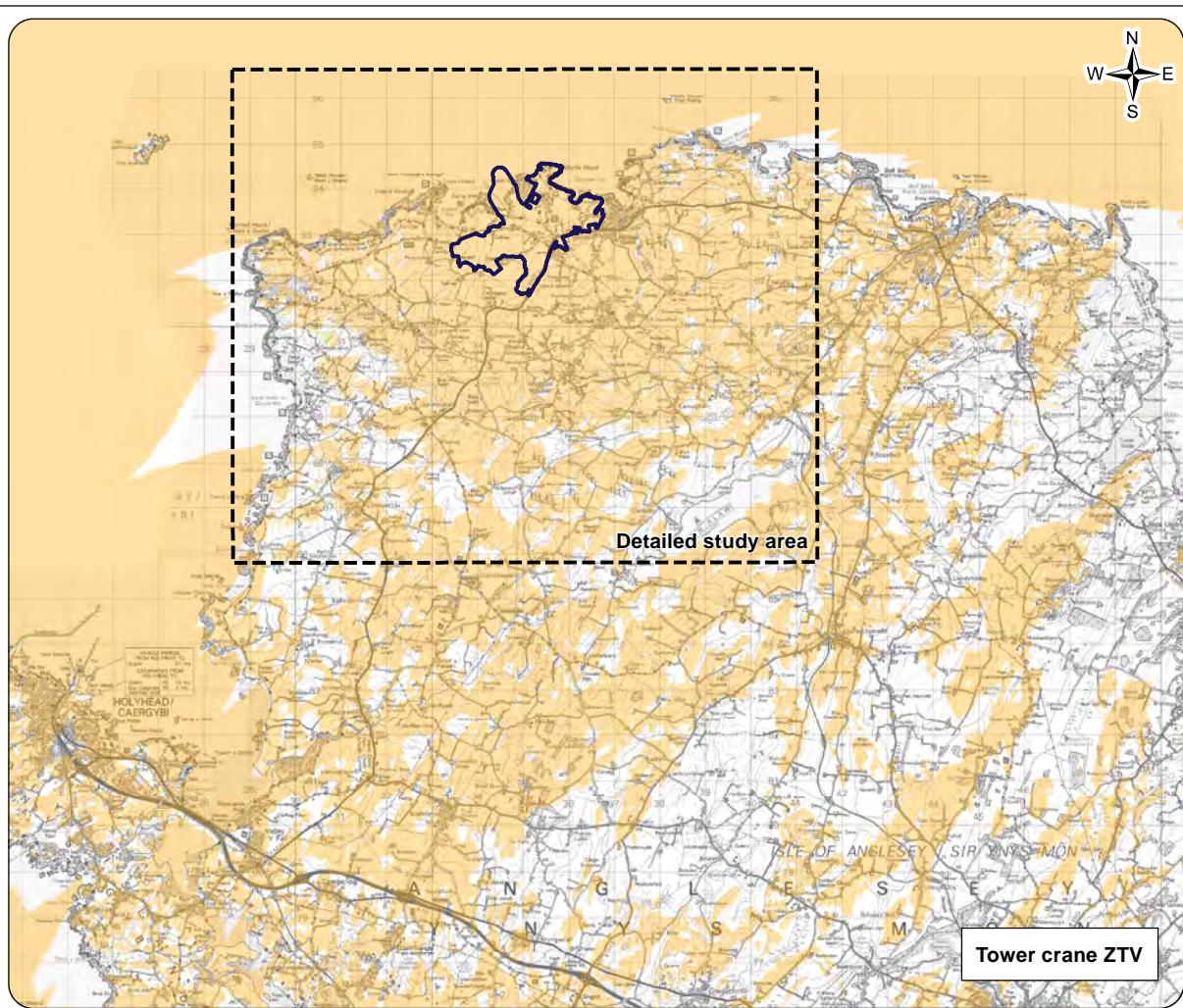
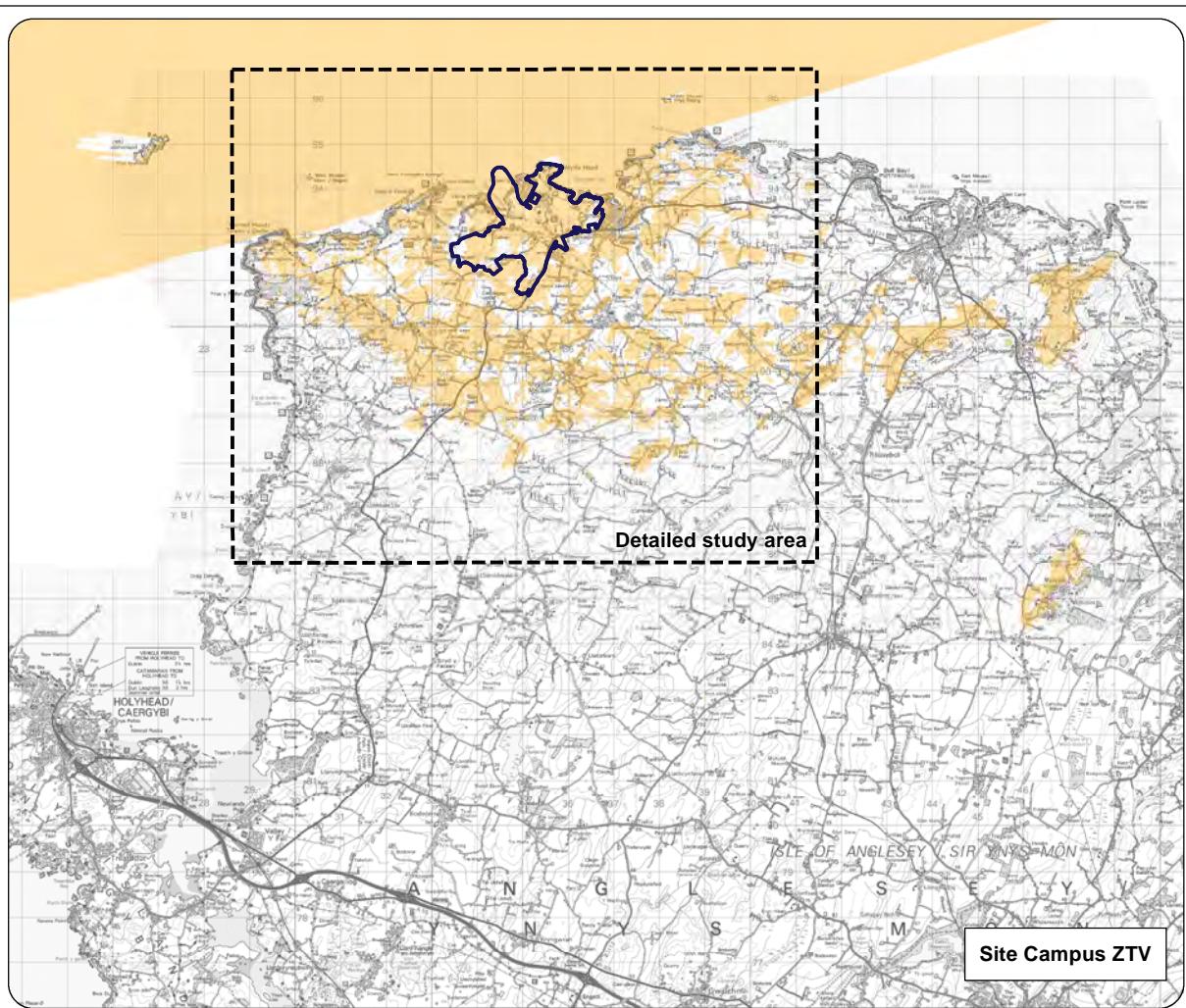
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
Client						
 <p><b>HORIZON</b> NUCLEAR POWER</p>						
Project						
<p style="text-align: center;"><b>WYLFA NEWYDD PROJECT</b> <b>ENVIRONMENTAL STATEMENT</b></p>						
Drawing Title						
<b>NIGHT-TIME VIEWPOINT LOCATION PLAN</b>						
Scale @ A3	1:50,000			DO NOT SCALE		
Jacobs No.	60PO8077					
Client No.						
Drawing No.						
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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.

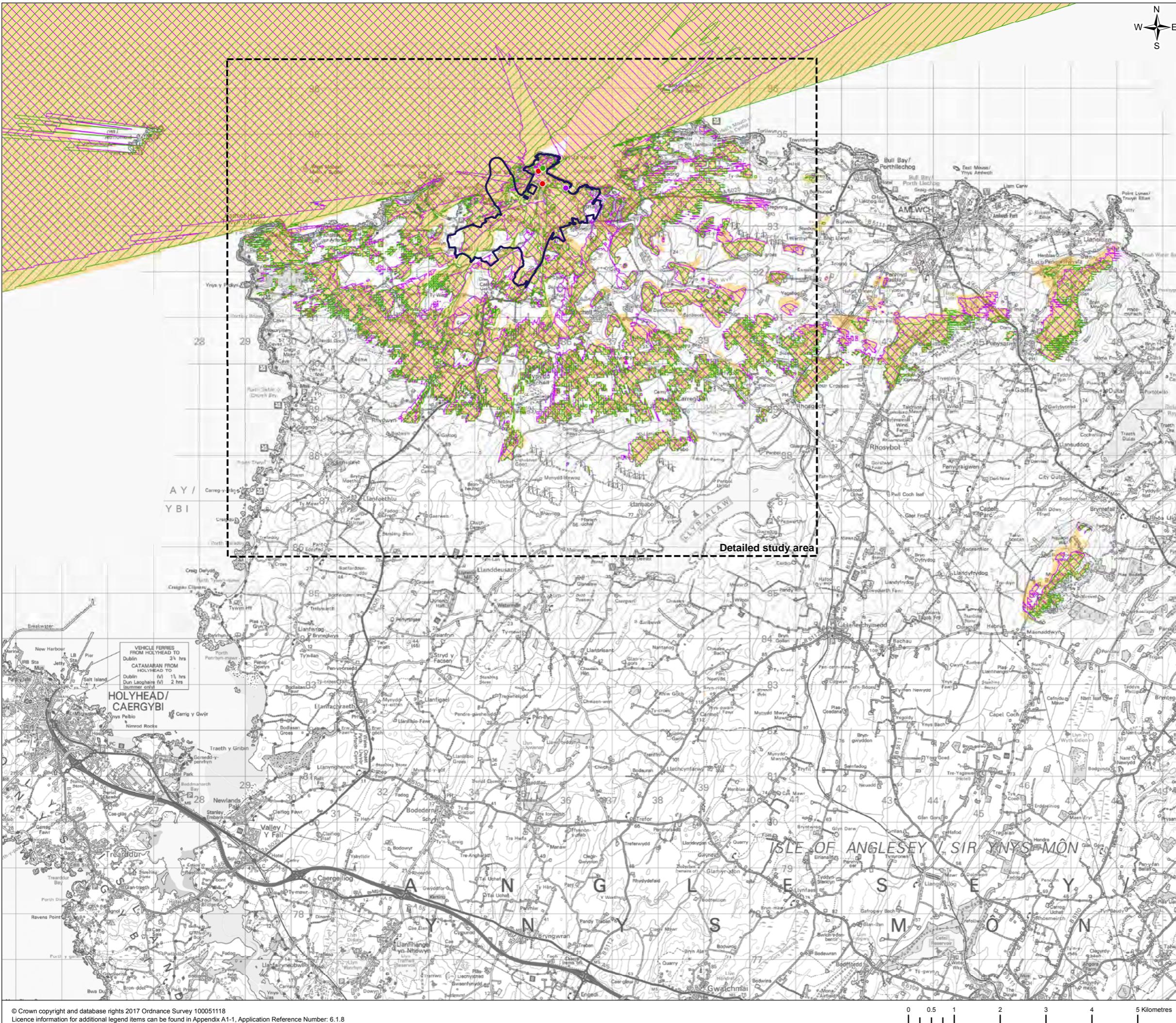
**FIGURE D10-18**



**FIGURE D10-19**



Legend					
Wylfa Newydd Development Area					
Detailed study area					
Zone of Theoretical Visibility (ZTV)					
No theoretical visibility					
Theoretical visibility					
Notes:					
1) Each inset coverage encompasses the overarching study area (the detailed study area is shown for information).					
2) ZTV is generated using computer program ArcGIS 10.2 and is based on a combined ground model comprising Ordnance Survey digital terrain model data (2014) and Lidar topography survey data (2017).					
3) The ZTV is based upon a bare earth ground model and therefore only takes account of the visual screening provided by existing topography. The ZTV does not take account of surface features, which could also provide screening.					
4) The ZTV has been modelled with a viewing height of 1.7m.					
5) The limit of the ZTV shown on this figure is an indication only of the theoretical maximum extent to which the proposals may be visible from the area surrounding the Wylfa Newydd Development Area, based on the maximum Wylfa Newydd Project parameter heights.					
6) For assessment point locations for Site Campus, refer to figure D10-20 in this figure booklet. For assessment point locations for very heavy lift crane, mobile very heavy lift cranes and tower cranes, refer to figure D10-21 in this figure booklet.					
7) Heights used for assessment points to represent the maximum Wylfa Newydd Project parameters:					
- Very heavy lift crane (270m high - 292m Above Ordnance Datum (AOD))					
- Mobile very heavy lift crane (220m high – between 234m AOD and 265m AOD)					
- Tower crane (192m high – between 206m AOD and 237m AOD)					
- Site Campus accommodation blocks (between 18m and 32m high – between 41m AOD and 55m AOD).					
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>					
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT					
Drawing Title					
ZONE OF THEORETICAL VISIBILITY BUILD UP FOR MAIN CONSTRUCTION CRANES AND SITE CAMPUS – OVERARCHING STUDY AREA					
Scale @ A3	1:163,000	DO NOT SCALE			
Jacobs No.	60PO8077				
Client No.					
Drawing No.	60PO8077_DCO_VOL_D_10_19				
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## FIGURE D10-20

## Legend

## Wylfa Newydd Development Area

### Detailed study area

### Zone of Theoretical Visibility (ZTV) assessment points

- Site Campus accommodation blocks 32m high (55m Above Ordnance Datum (AOD))
- Site Campus accommodation blocks 27m high (50m AOD)
- Site Campus accommodation blocks 18m high (41m AOD)

ZTV

No theoretical visibility

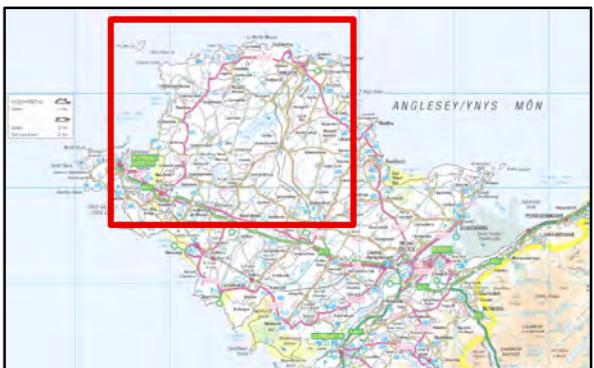
Theoretical visibility of 32m blocks assessment points

Theoretical visibility of 27m high

-  blocks assessment point
-  Theoretical visibility of 18m high Site Campus accommodation blocks assessment point

Notes:

- 1) This figure coverage encompasses the overarching study area.
- 2) ZTV is generated using computer program ArcGIS 10.2 and is based on a combined ground model comprising Ordnance Survey digital terrain model data (2014) and Lidar topography survey data (2017).
- 3) The ZTV is based upon a bare earth ground model and therefore only takes account of the visual screening provided by existing topography. The ZTV does not take account of surface features, which could also provide screening.
- 4) The ZTV has been modelled with a viewing height of 1.7m.
- 5) The limit of the ZTV shown on this figure is an indication only of the theoretical maximum extent to which the proposals may be visible from the area surrounding the Wylfa Newydd Development Area, based on the maximum Wylfa Newydd Project parameter heights.
- 6) Heights used for assessment points to represent the maximum Wylfa Newydd Project parameters:
  - Site Campus accommodation blocks (between 18m and 32m high - between 41m AOD and 55m AOD)All locations of assessment points are indicative only.



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
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Rev. □

Client  
**HORIZON**  
NUCLEAR POWER

## HORIZON

NUCLEAR POWER

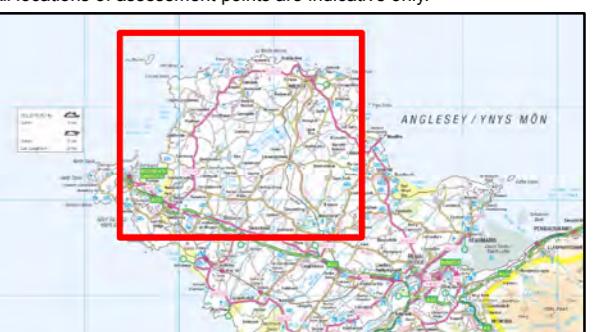
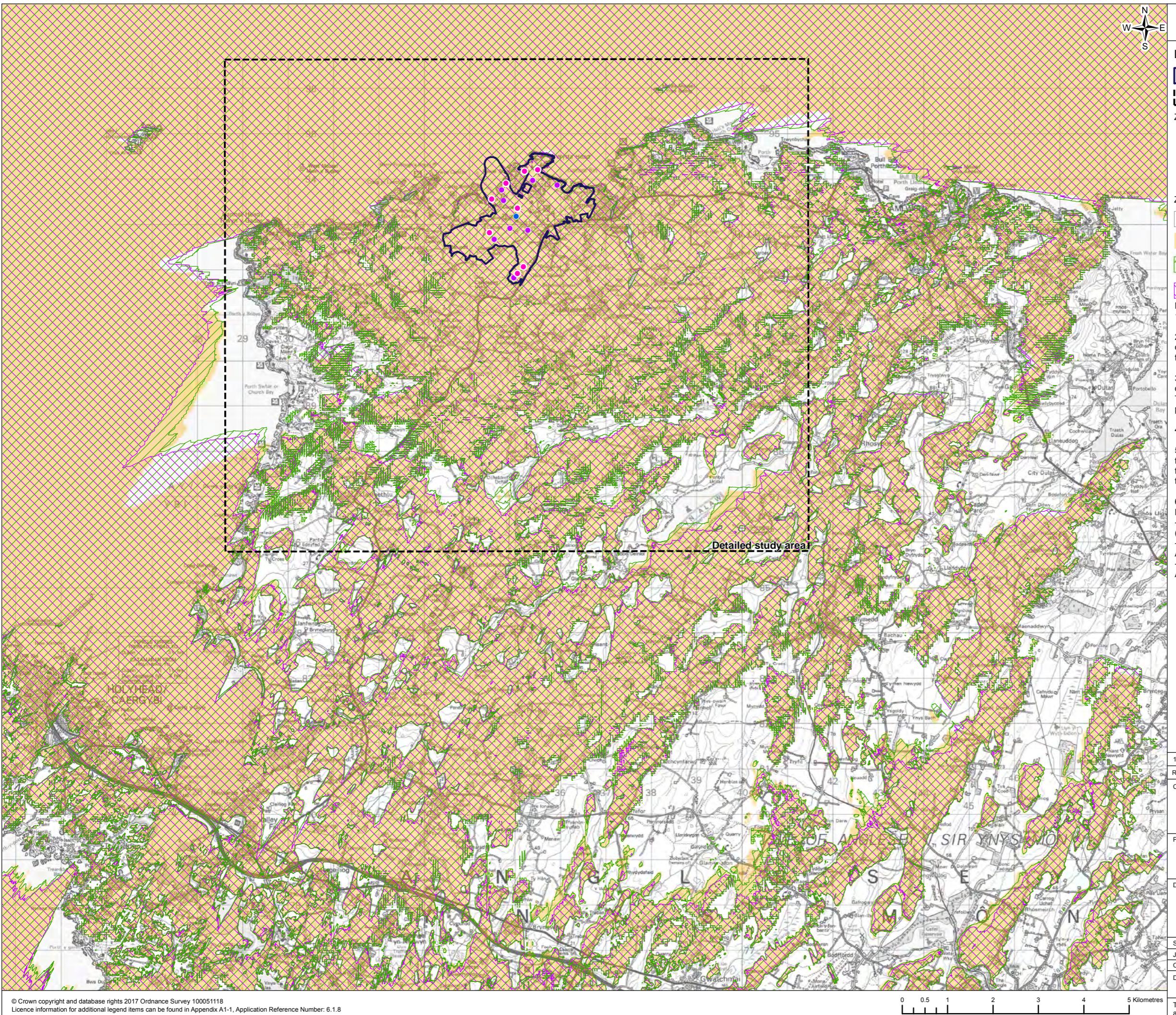
## WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

# ZONE OF THEORETICAL VISIBILITY IN CONSTRUCTION SITE CAMPUS – OVERARCHING STUDY AREA

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Client No.		
Drawing No.	60PO8077_DCO_VOL_D_10_20	

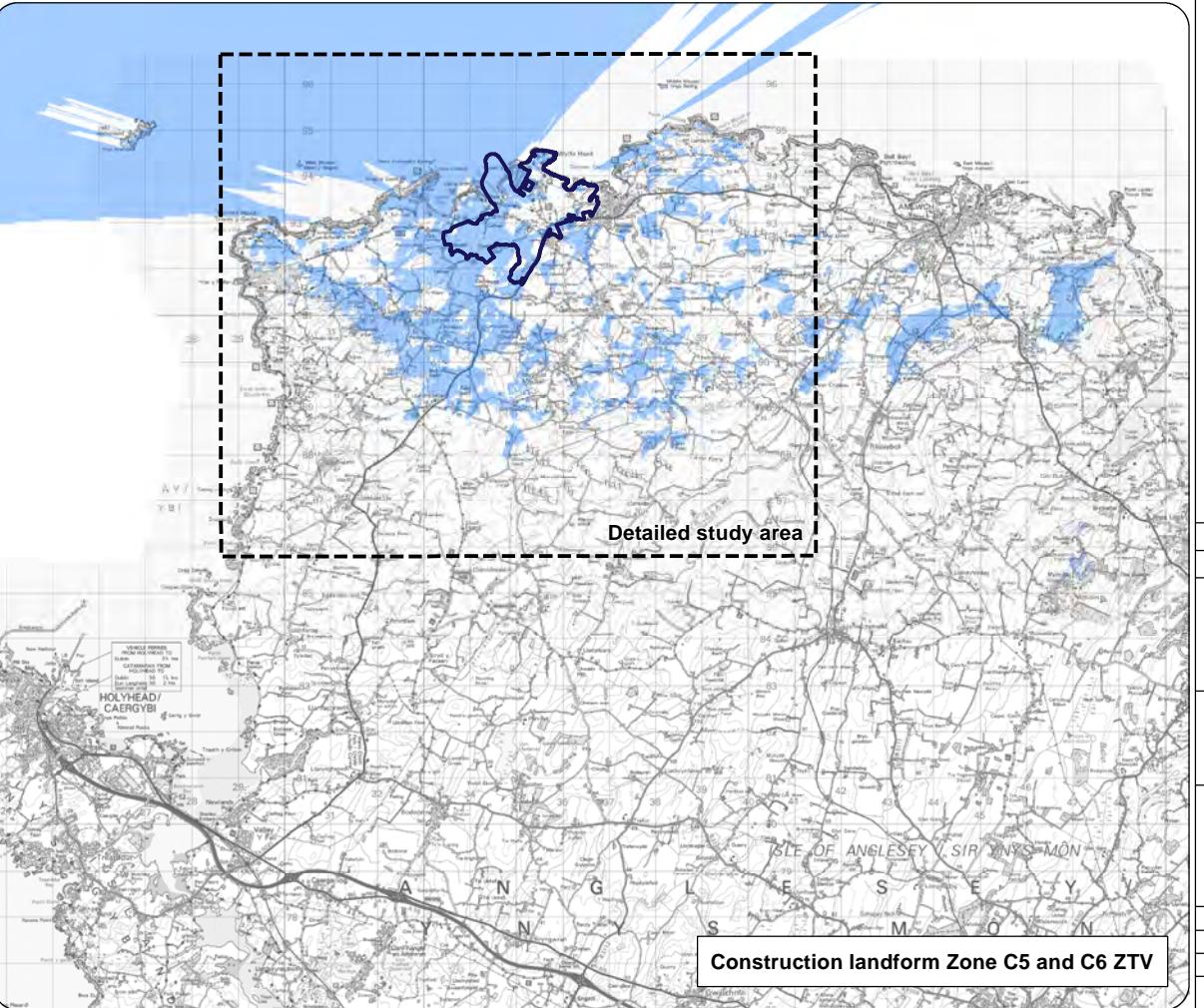
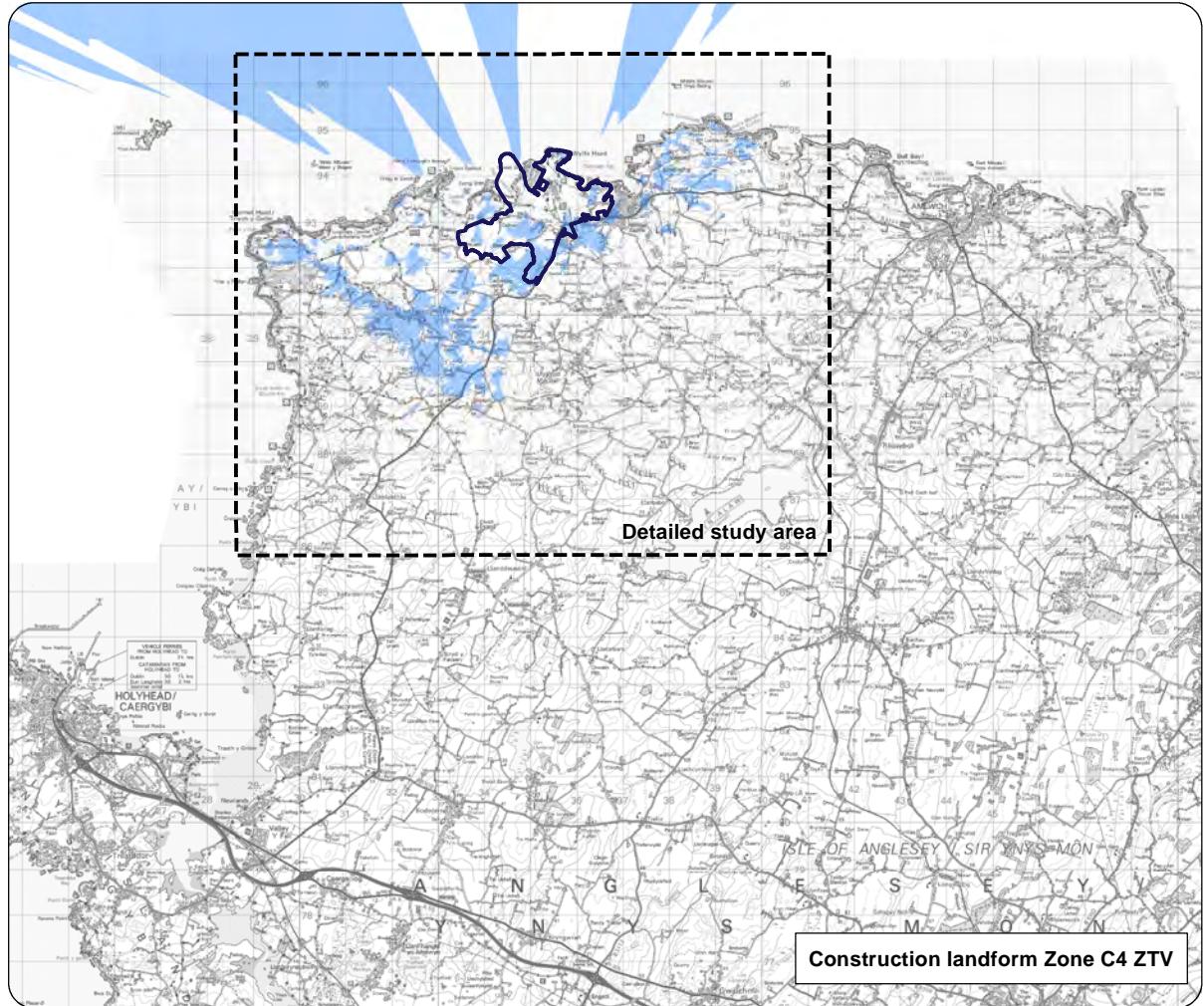
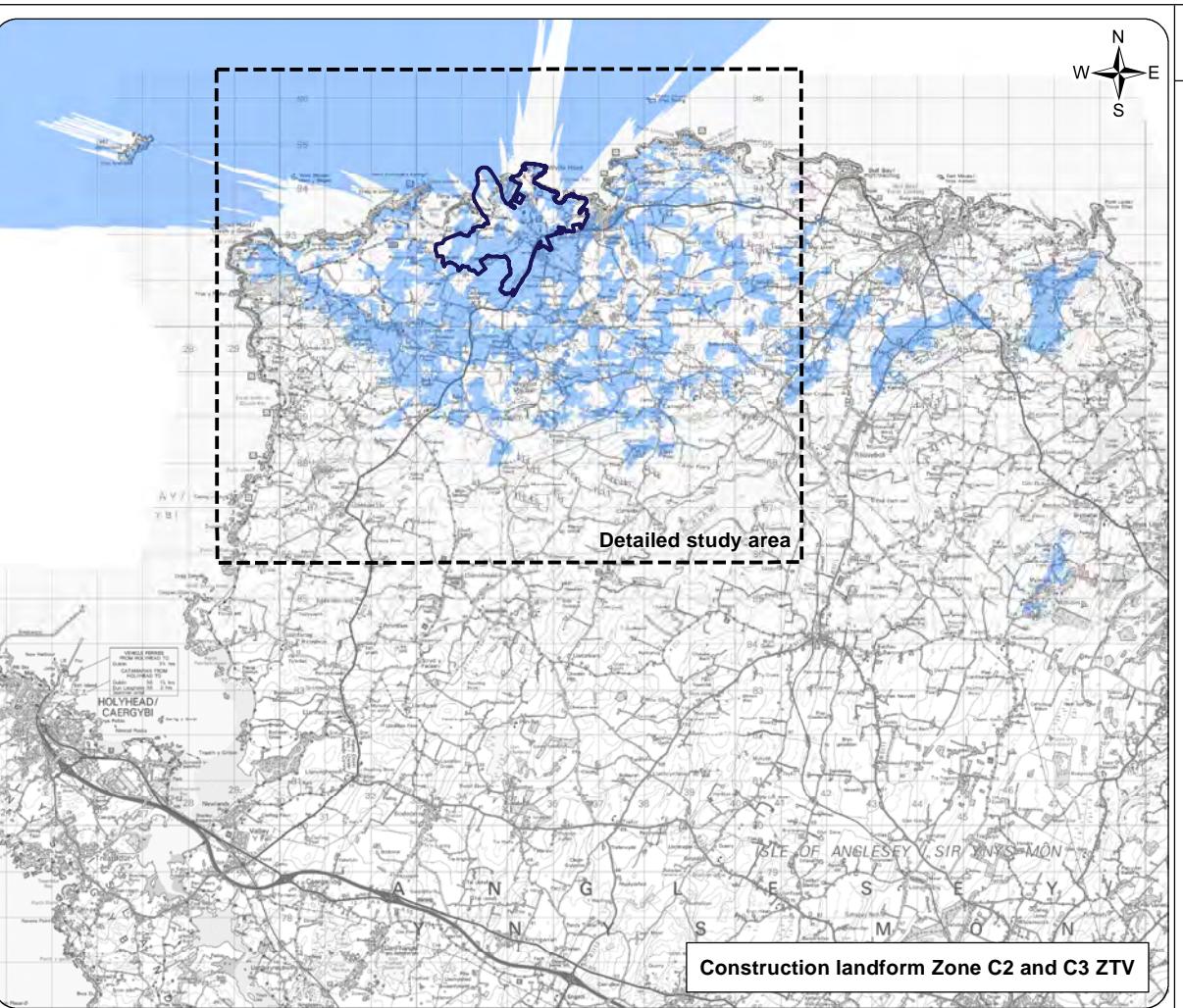
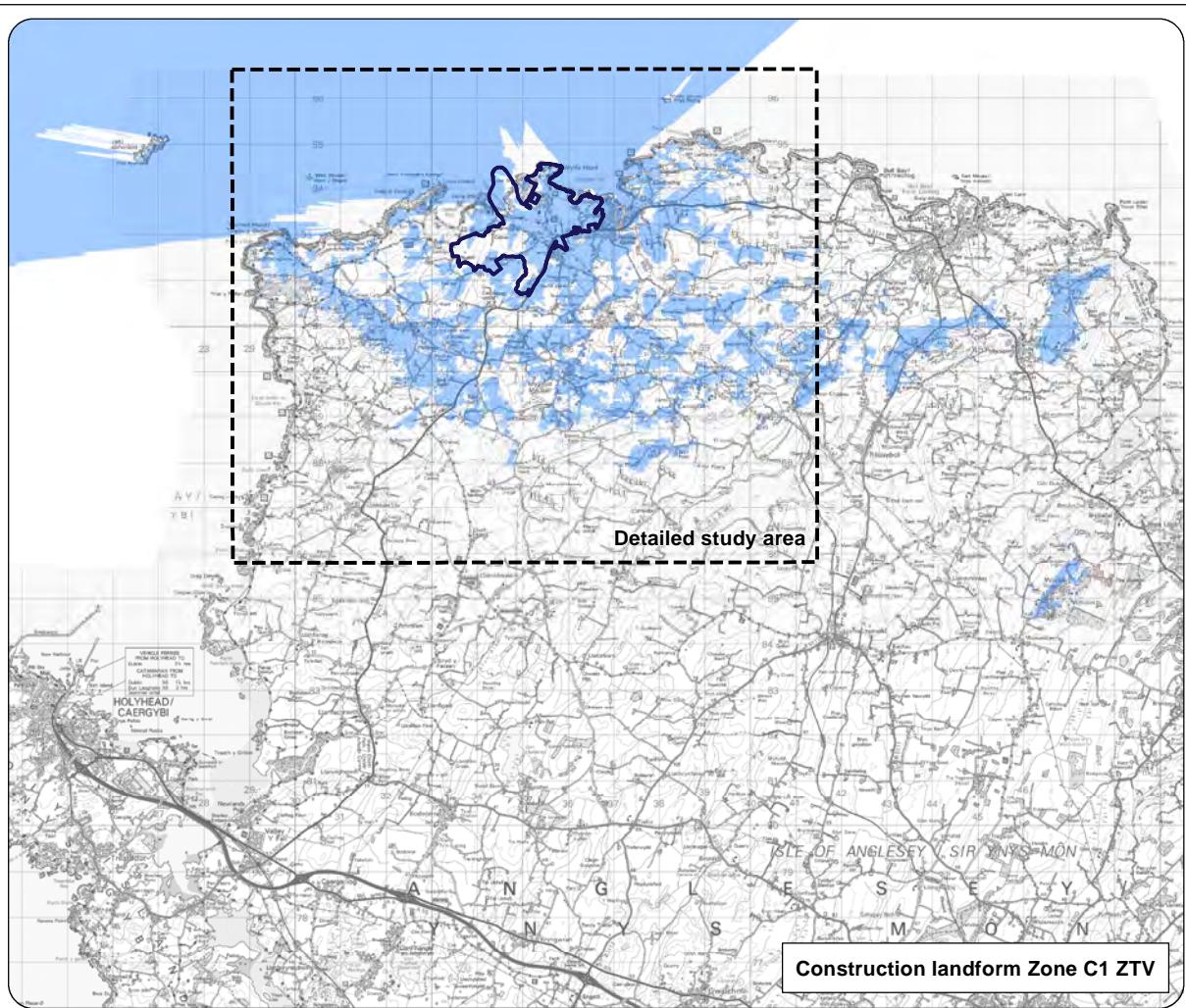
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**FIGURE D10-21**



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						
ZONE OF THEORETICAL VISIBILITY COMBINED MAIN CONSTRUCTION CRANES - OVERARCHING STUDY AREA						
Scale @ A3	1:80,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_D_10_21					
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 D10-22**



**Legend**

Wylfa Newydd Development Area

Detailed study area

Zone of Theoretical Visibility (ZTV)

No theoretical visibility

Theoretical visibility

**Notes:**

1) Each inset coverage encompasses the overarching study area (the detailed study area is shown for information).

2) ZTV is generated using computer program ArcGIS 10.2 and is based on a combined ground model comprising Ordnance Survey digital terrain model data (2014) and Lidar topography survey data (2017).

3) The ZTV is based upon a bare earth ground model and therefore only takes account of the visual screening provided by existing topography. The ZTV does not take account of surface features, which could also provide screening.

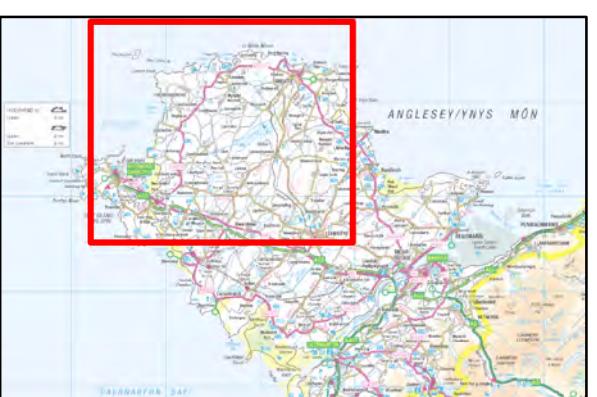
4) The ZTV has been modelled with a viewing height of 1.7m.

5) The limit of the ZTV shown on this figure is an indication only of the theoretical maximum extent to which the proposals may be visible from the area surrounding the Wylfa Newydd Development Area, based on the maximum Wylfa Newydd Project parameter heights.

6) For assessment points for the construction landform, refer to figure D10-23. For locations of the construction Zones, refer to figure D1-1 in this figure booklet.

7) Heights used for assessment points to represent the maximum Wylfa Newydd Project parameters:

- Construction landform (between 35m Above Ordnance Datum (AOD) and 50m AOD)



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

**HORIZON**

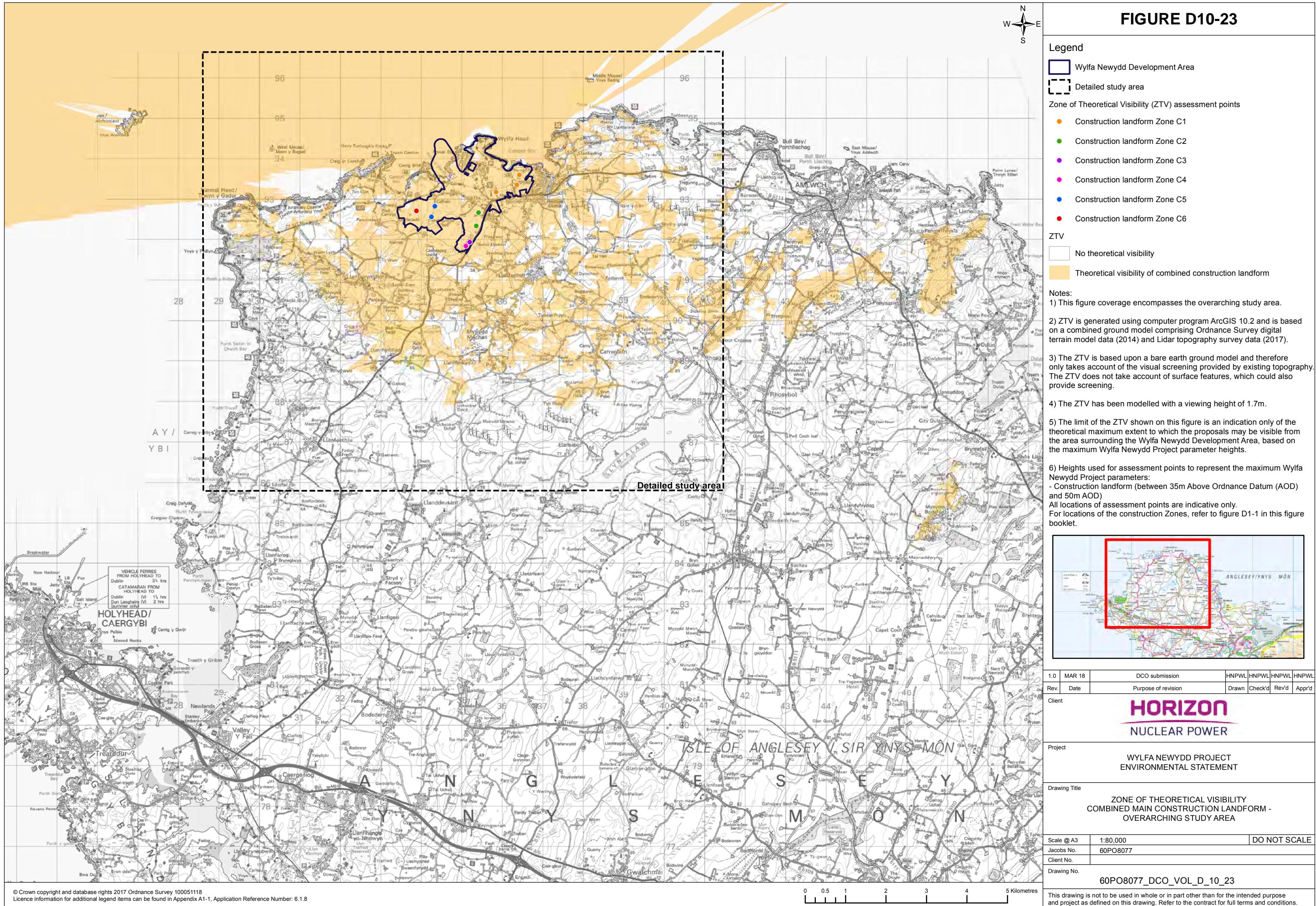
NUCLEAR POWER

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

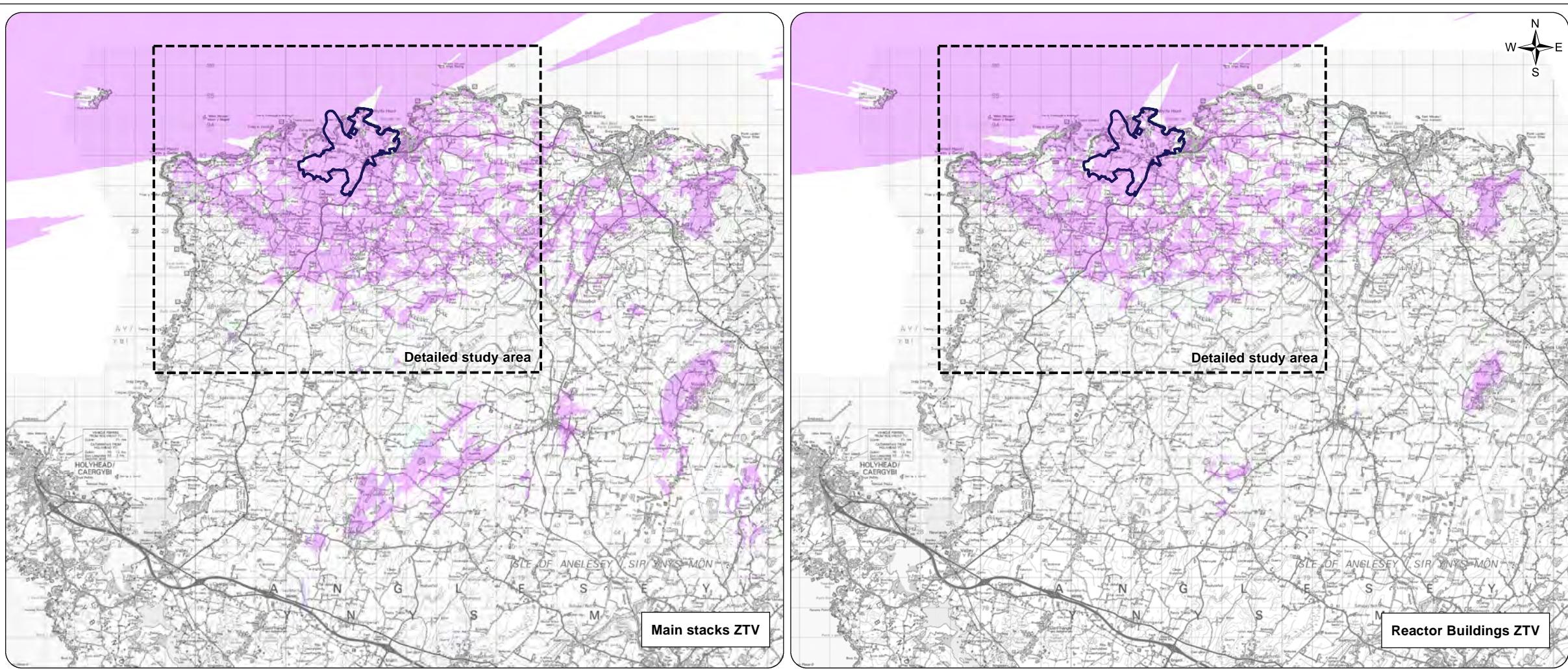
Drawing Title	ZONE OF THEORETICAL VISIBILITY BUILD UP FOR MAIN CONSTRUCTION LANDFORM – OVERARCHING STUDY AREA		
Scale @ A3	1:163,000	DO NOT SCALE	
Jacobs No.	60PO8077		
Client No.			
Drawing No.	60PO8077_DCO_VOL_D_10_22		

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**FIGURE D10-23**



**FIGURE D10-24**



**Legend**

Wylfa Newydd Development Area

Detailed study area

Zone of Theoretical Visibility

No theoretical visibility

Theoretical visibility

Notes:

1) Each inset coverage encompasses the overarching study area.

2) ZTV is generated using computer program ArcGIS 10.2 and is based on a combined ground model comprising Ordnance Survey digital terrain model data (2014) and Lidar topography survey data (2017).

3) The ZTV is based upon a bare earth ground model and therefore only takes account of the visual screening provided by existing topography. The ZTV does not take account of surface features, which could also provide screening.

4) The ZTV has been modelled with a viewing height of 1.7m.

5) The limit of the ZTV shown on this figure is an indication only of the theoretical maximum extent to which the proposals may be visible from the area surrounding the Wylfa Newydd Development Area, based on the maximum Wylfa Newydd Project parameter heights.

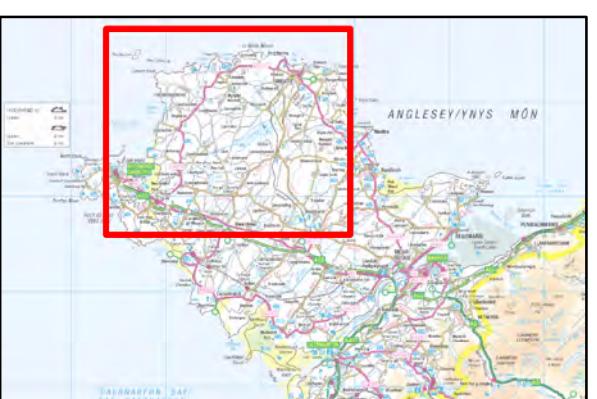
6) For assessment points for main stacks, Reactor Buildings and breakwaters, refer to figure D10-25 in this figure booklet. For assessment points for completed landscape mounding, refer to figure D10-27 in this figure booklet.

7) Heights used for assessment points to represent the maximum Wylfa Newydd Project parameters:

- Main stacks (98m Above Ordnance Datum (AOD) and 95m AOD)
- Reactor Buildings (67m AOD)
- Western breakwater (14m AOD)
- Eastern breakwater (13m AOD)

Heights used for assessment points to represent the maximum indicative design spot heights of completed landscape mounding:

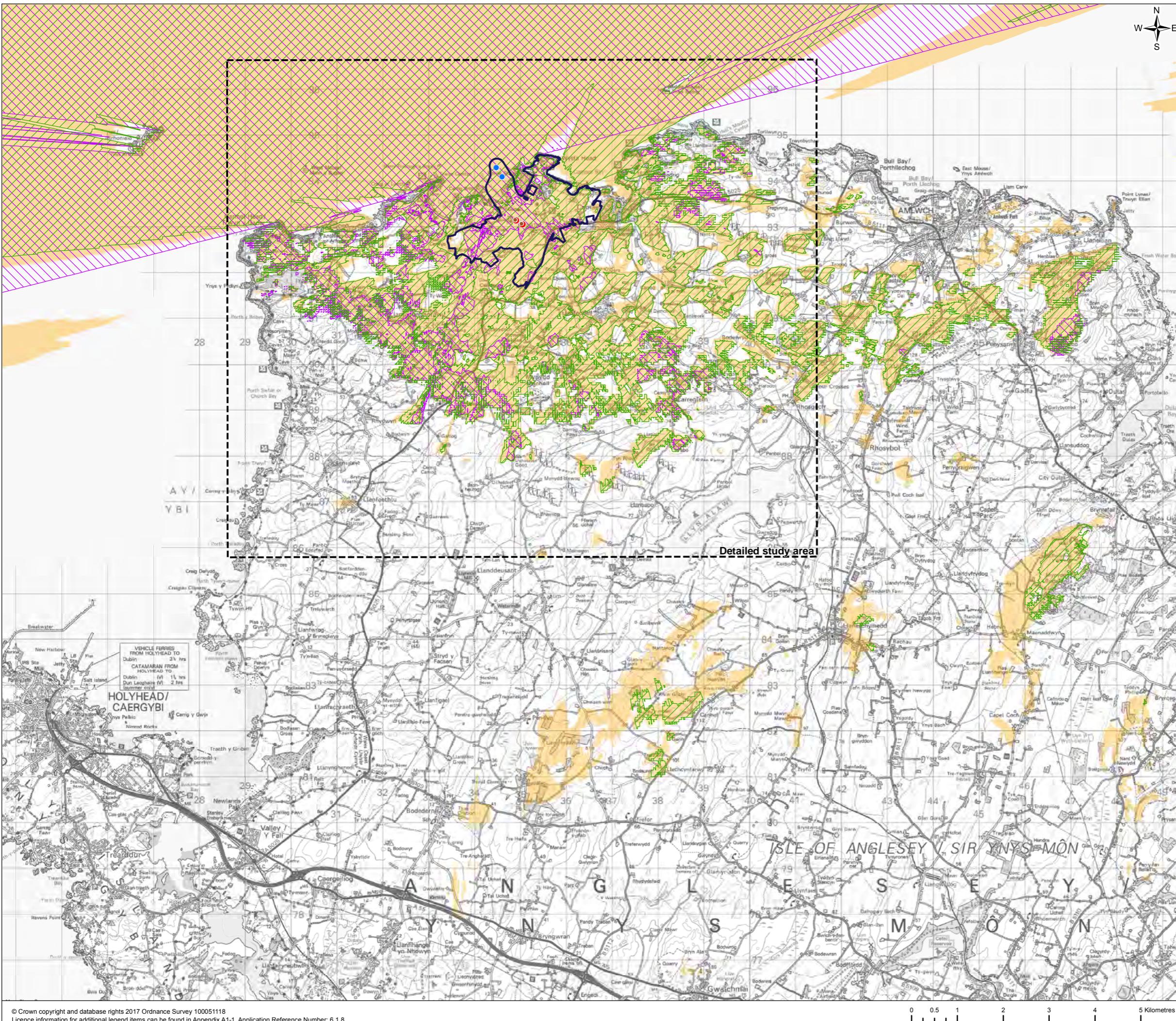
- Completed landscape mounding (between 30m Above Ordnance Datum (AOD) and 43m AOD)



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						
ZONE OF THEORETICAL VISIBILITY BUILD UP FOR PERMANENT FEATURES - OVERARCHING STUDY AREA						
Scale @ A3	1:163,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_D_10_24					

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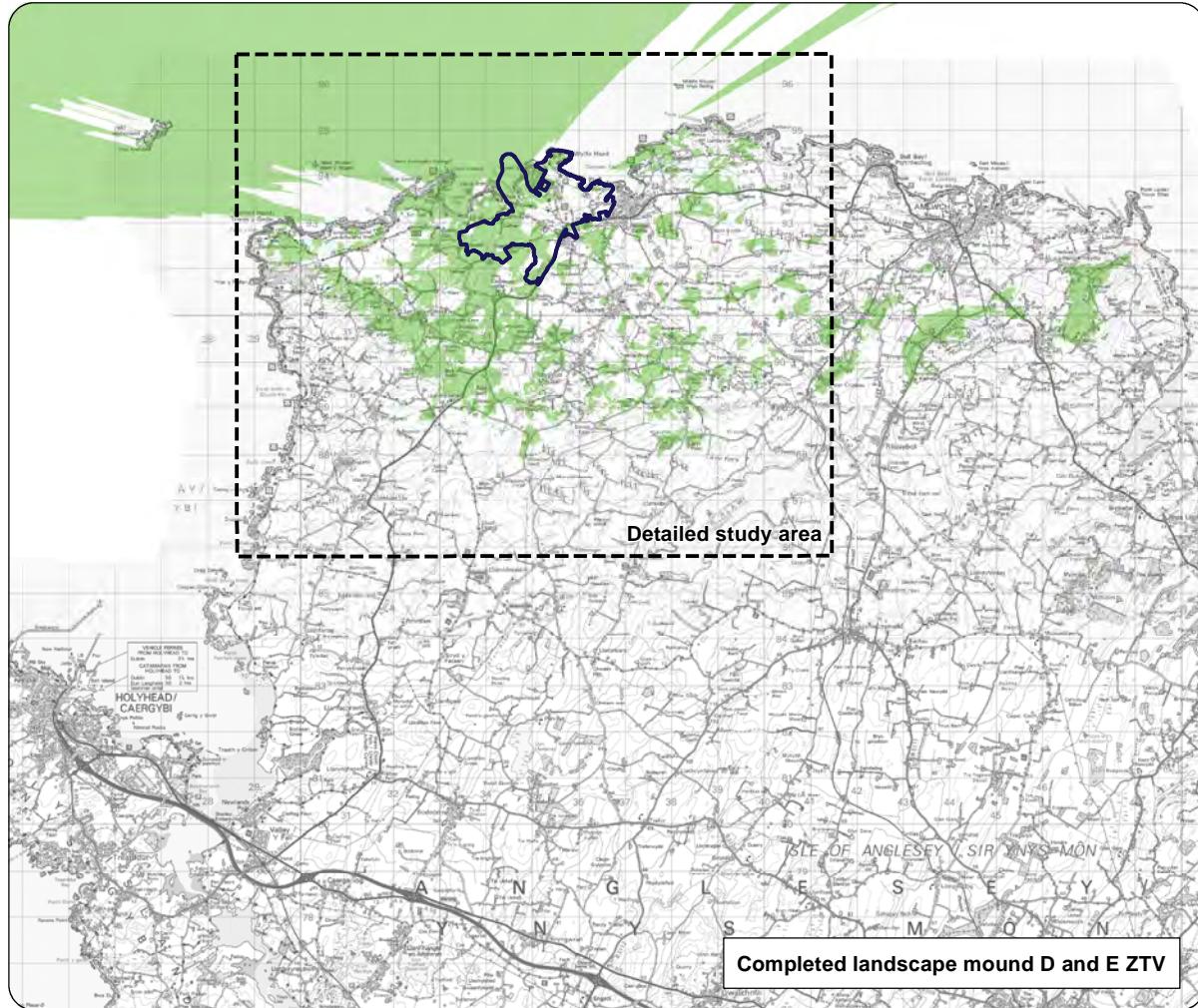
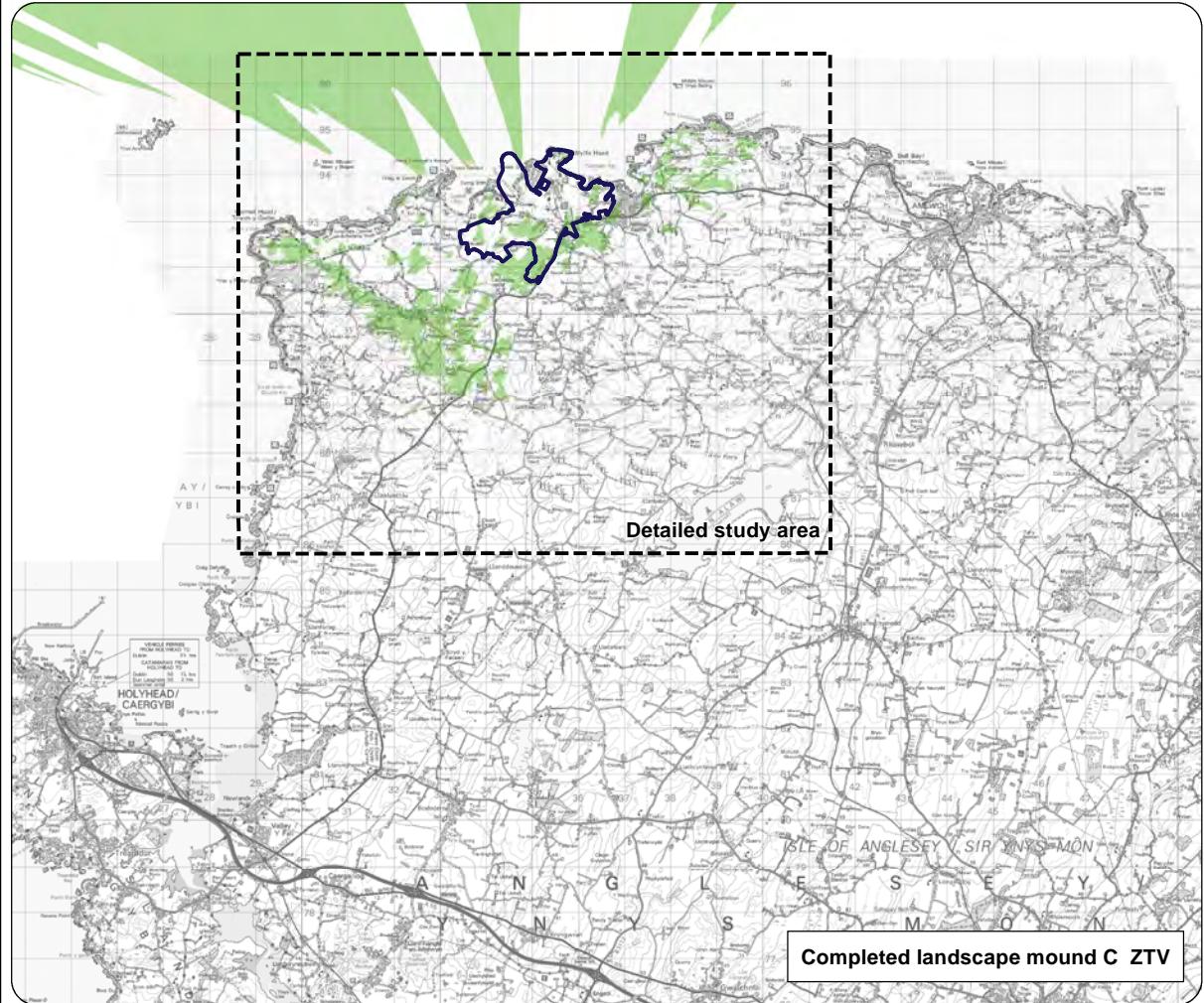
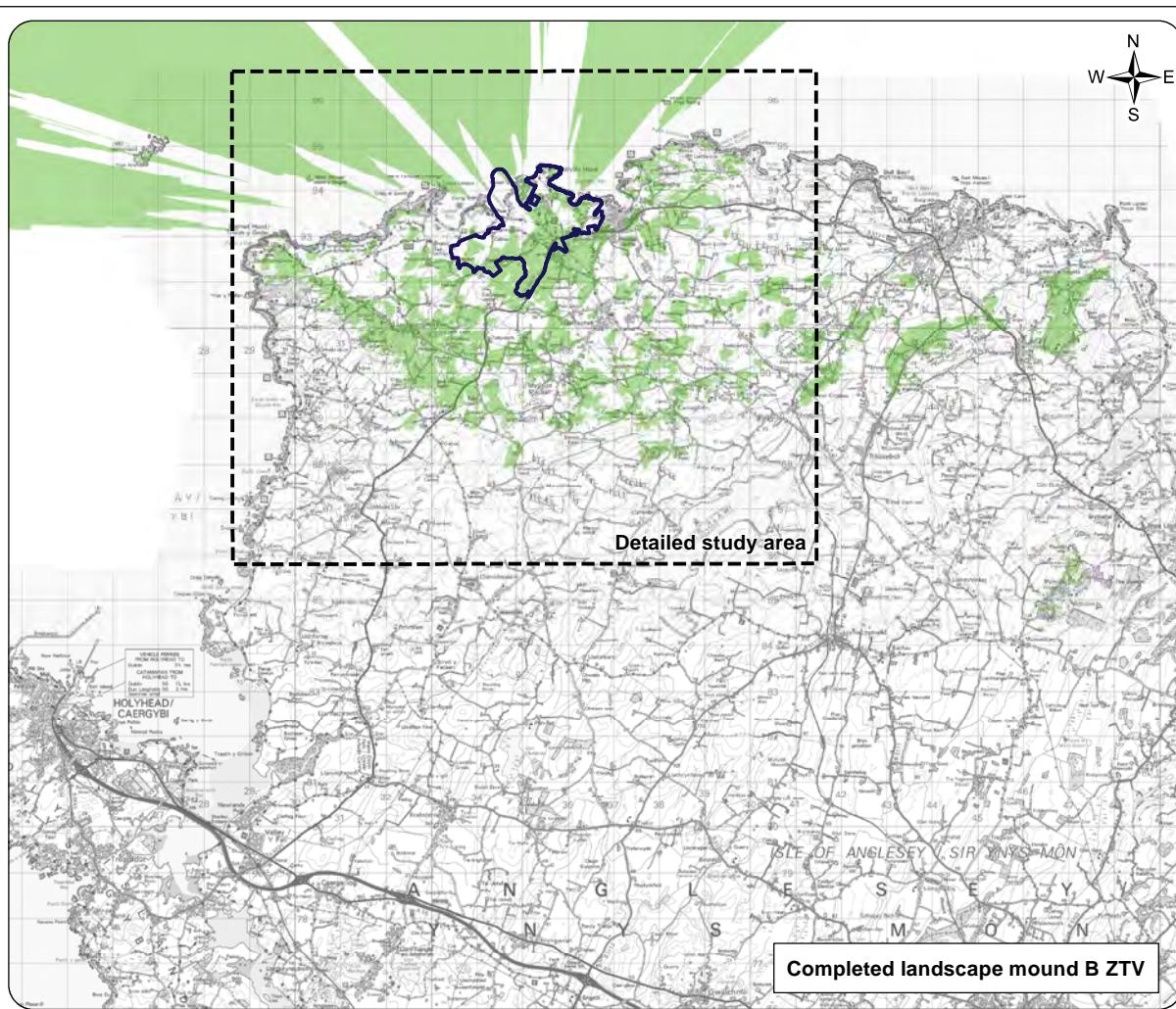
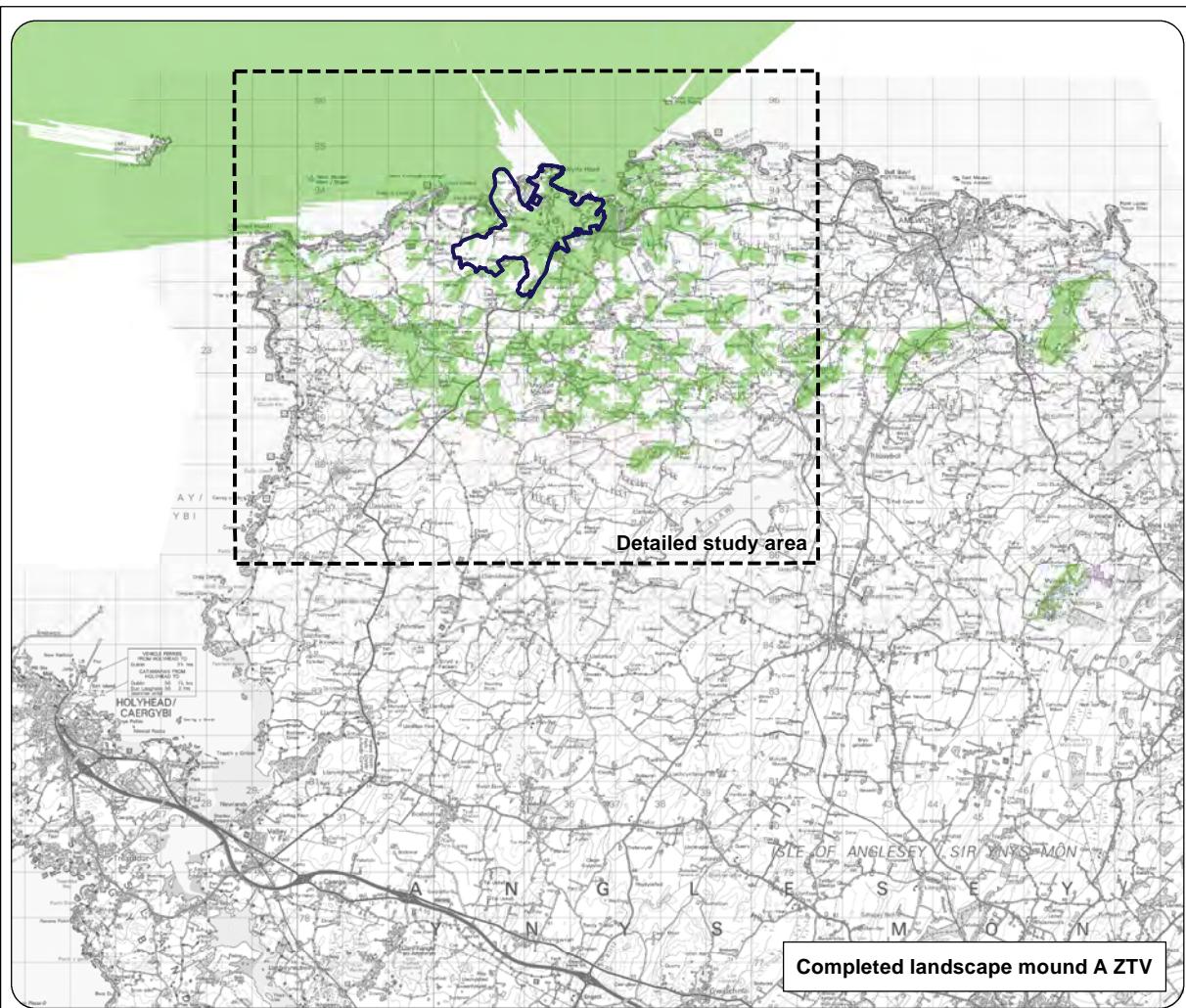
**FIGURE D10-25**



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						
ZONE OF THEORETICAL VISIBILITY POWER STATION BUILDINGS AND BREAKWATERS - OVERARCHING STUDY AREA						
Scale @ A3	1:80,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_D_10_25					

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**FIGURE D10-26**



**Legend**

Wylfa Newydd Development Area

Detailed study area

Zone of Theoretical Visibility (ZTV)

No theoretical visibility

Theoretical visibility

**Notes:**

1) Each inset coverage encompasses the overarching study area (the detailed study area is shown for information).

2) ZTV is generated using computer program ArcGIS 10.2 and is based on a combined ground model comprising Ordnance Survey digital terrain model data (2014) and Lidar topography survey data (2017).

3) The ZTV is based upon a bare earth ground model and therefore only takes account of the visual screening provided by existing topography. The ZTV does not take account of surface features, which could also provide screening.

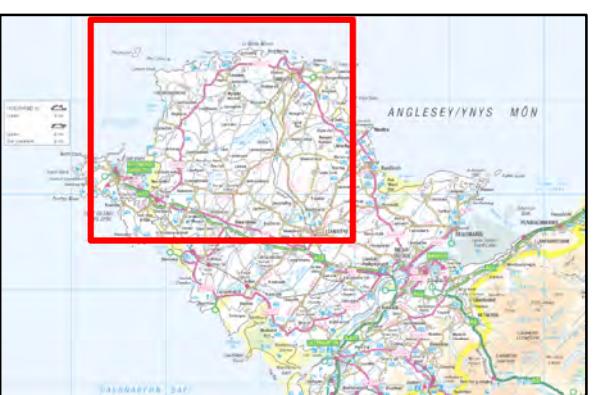
4) The ZTV has been modelled with a viewing height of 1.7m.

5) The limit of the ZTV shown on this figure is an indication only of the theoretical maximum extent to which the proposals may be visible from the area surrounding the Wylfa Newydd Development Area, based on the indicative design heights.

6) For assessment points for the completed landscape mounding, refer to figure D10-27 in this figure booklet.

7) Heights used for assessment points to represent the maximum indicative design spot heights of completed landscape mounding:

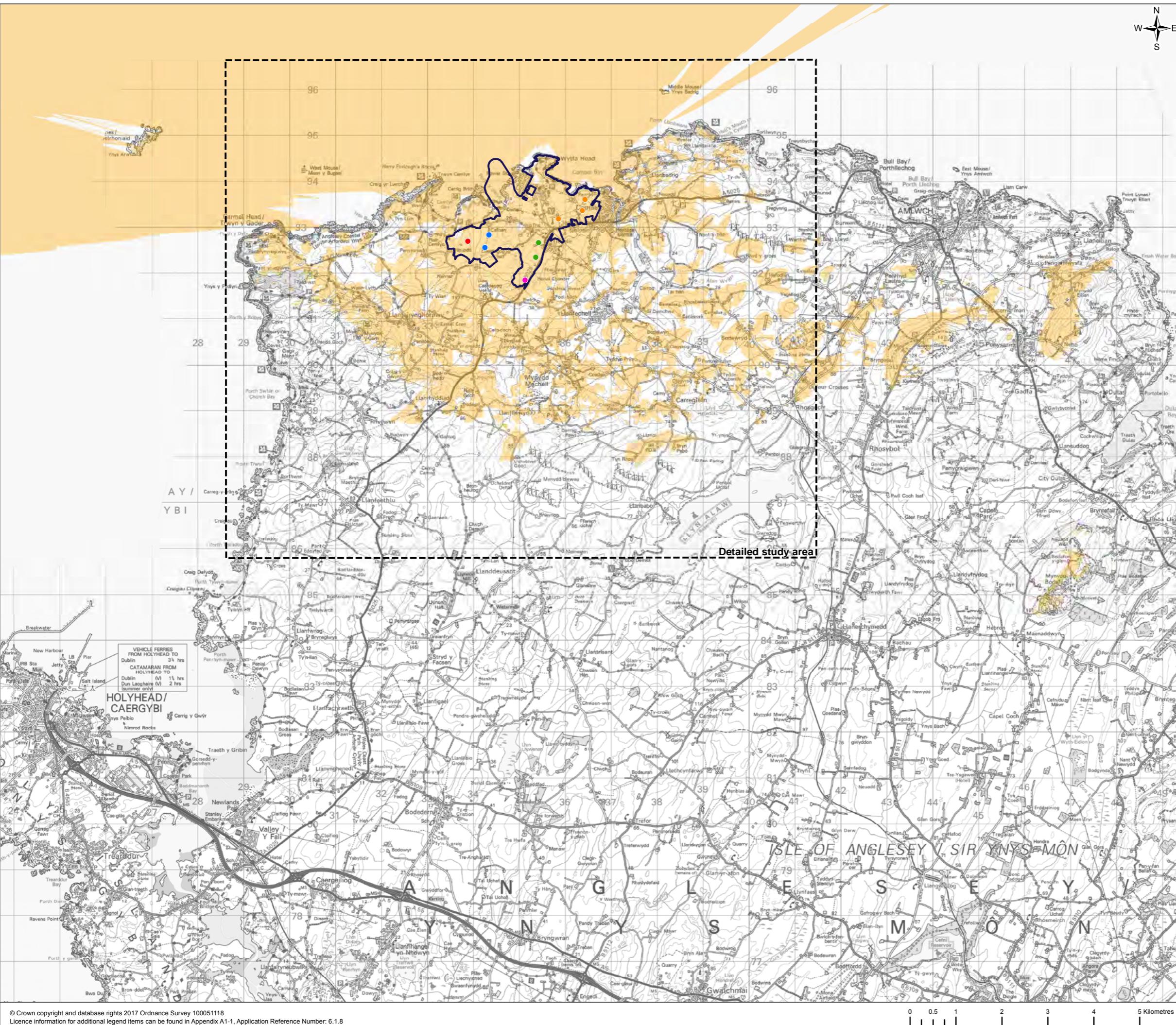
- Mound A (36m Above Ordnance Datum (AOD), 42m AOD and 43m AOD)
- Mound B (39m AOD and 42m AOD)
- Mound C (40m AOD)
- Mound D (30m AOD and 33m AOD)
- Mound E (38m AOD)



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						
ZONE OF THEORETICAL VISIBILITY						
BUILD UP FOR OPERATIONAL LANDSCAPE MOUNDING –						
OVERARCHING STUDY AREA						
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Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_D_10_26					

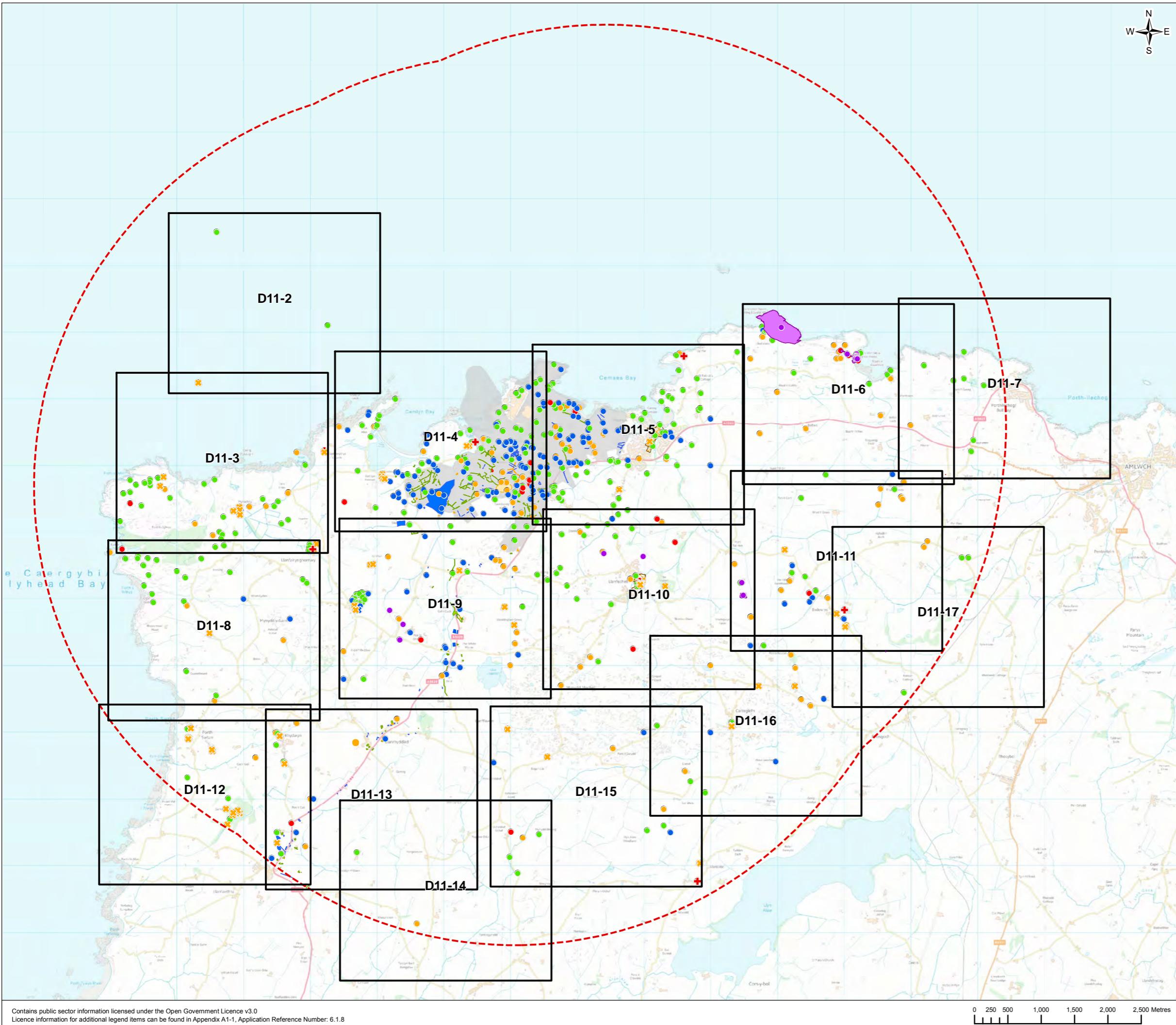
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**FIGURE D10-27**



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						
ZONE OF THEORETICAL VISIBILITY COMBINED OPERATIONAL LANDSCAPE MOUNDING - OVERARCHING STUDY AREA						
Scale @ A3	1:80,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_D_10_27					
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 D11-1**



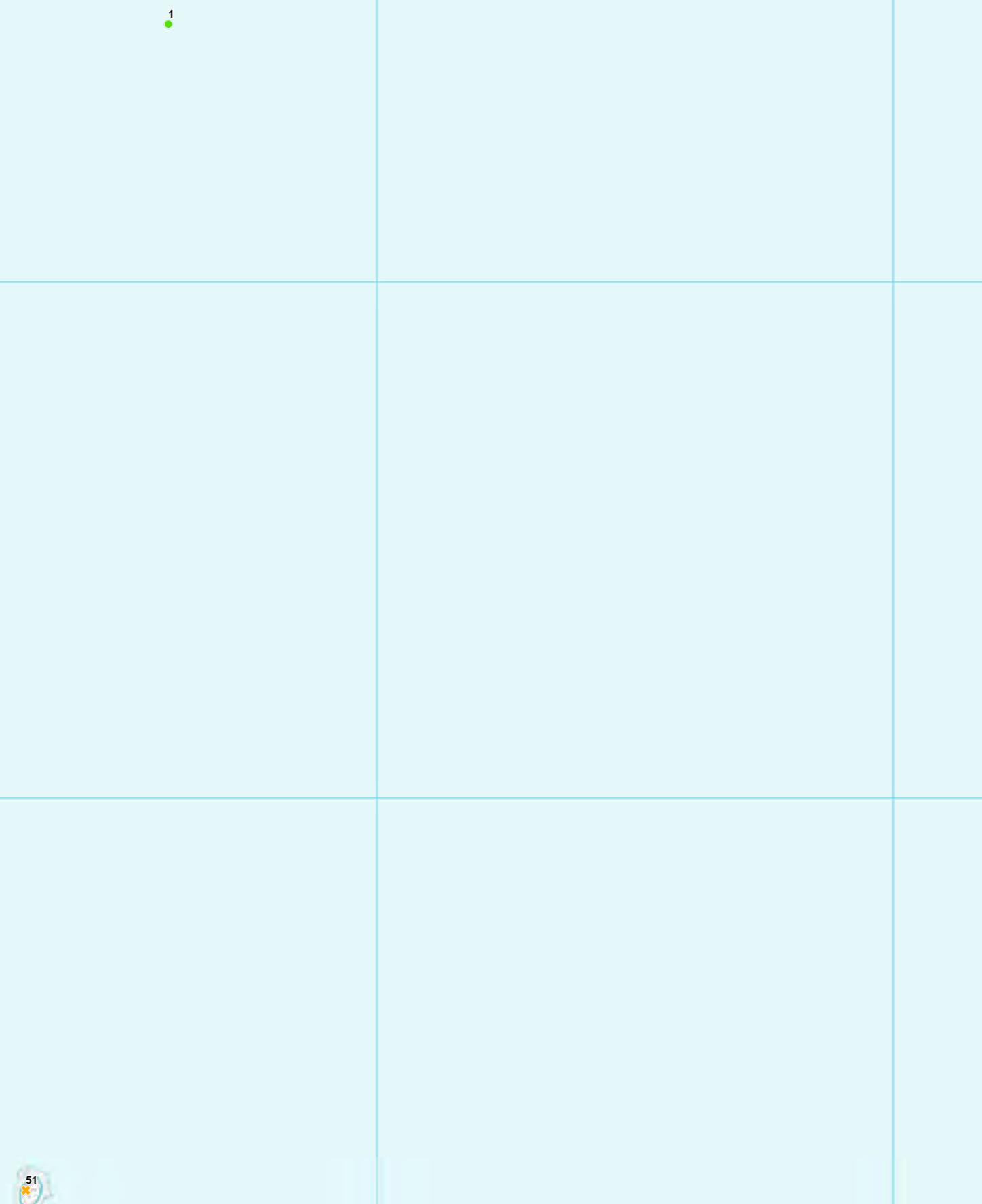
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
LOCATION OF ARCHAEOLOGICAL REMAINS AND HISTORIC BUILDINGS KEY PLAN						
Scale @ A3	1:55,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_D_11_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 D11-2**

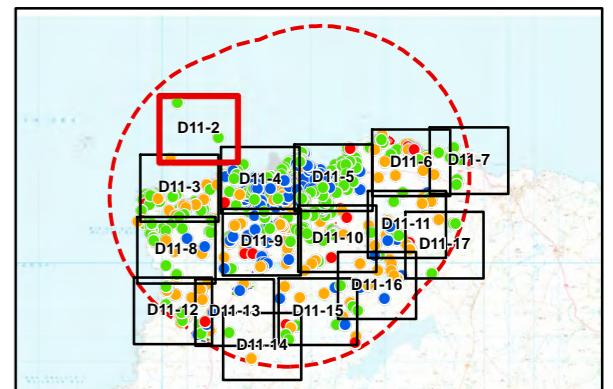


**Legend**

- Wylfa Newydd Development Area
- Study area for terrestrial archaeological remains, historic buildings and the historic landscape
- Scheduled Monument
- Grade I Listed Building
- Grade II\* Listed Building
- Grade II Listed Building
- Conservation Area (medium value)
- Undesignated Cultural Heritage Asset of High Value
- Undesignated Cultural Heritage Asset of Medium Value
- Undesignated Cultural Heritage Asset of Low Value
- Undesignated Cultural Heritage Asset of Negligible Value



0 50 100 200 300 400 500 Metres



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

**HORIZON**  
NUCLEAR POWER

Project  
WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title  
LOCATION OF ARCHAEOLOGICAL REMAINS  
AND HISTORIC BUILDINGS SHEET  
SHEET 1 OF 16

Scale @ A3 1:9,940 DO NOT SCALE

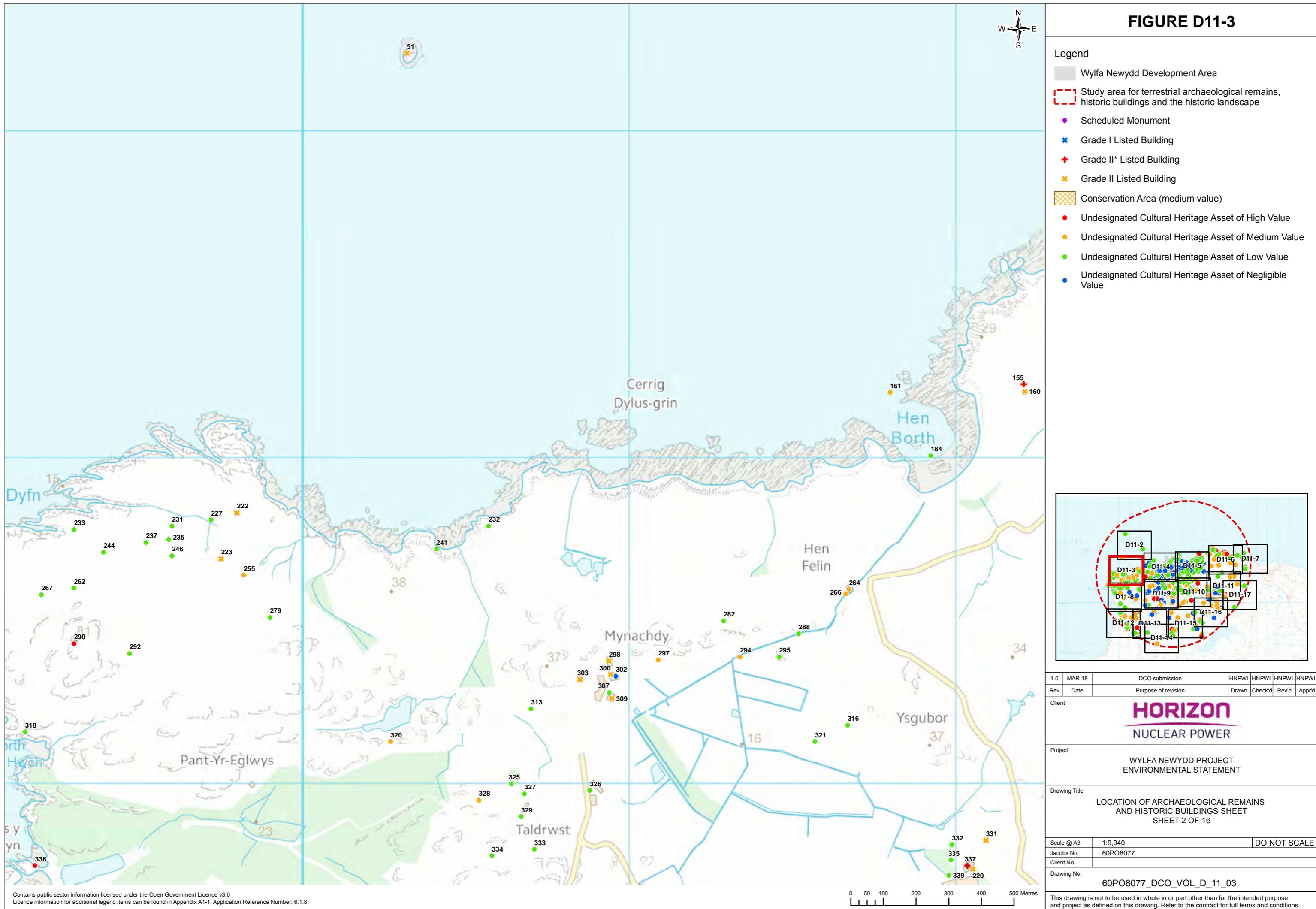
Jacobs No. 60PO8077

Client No.

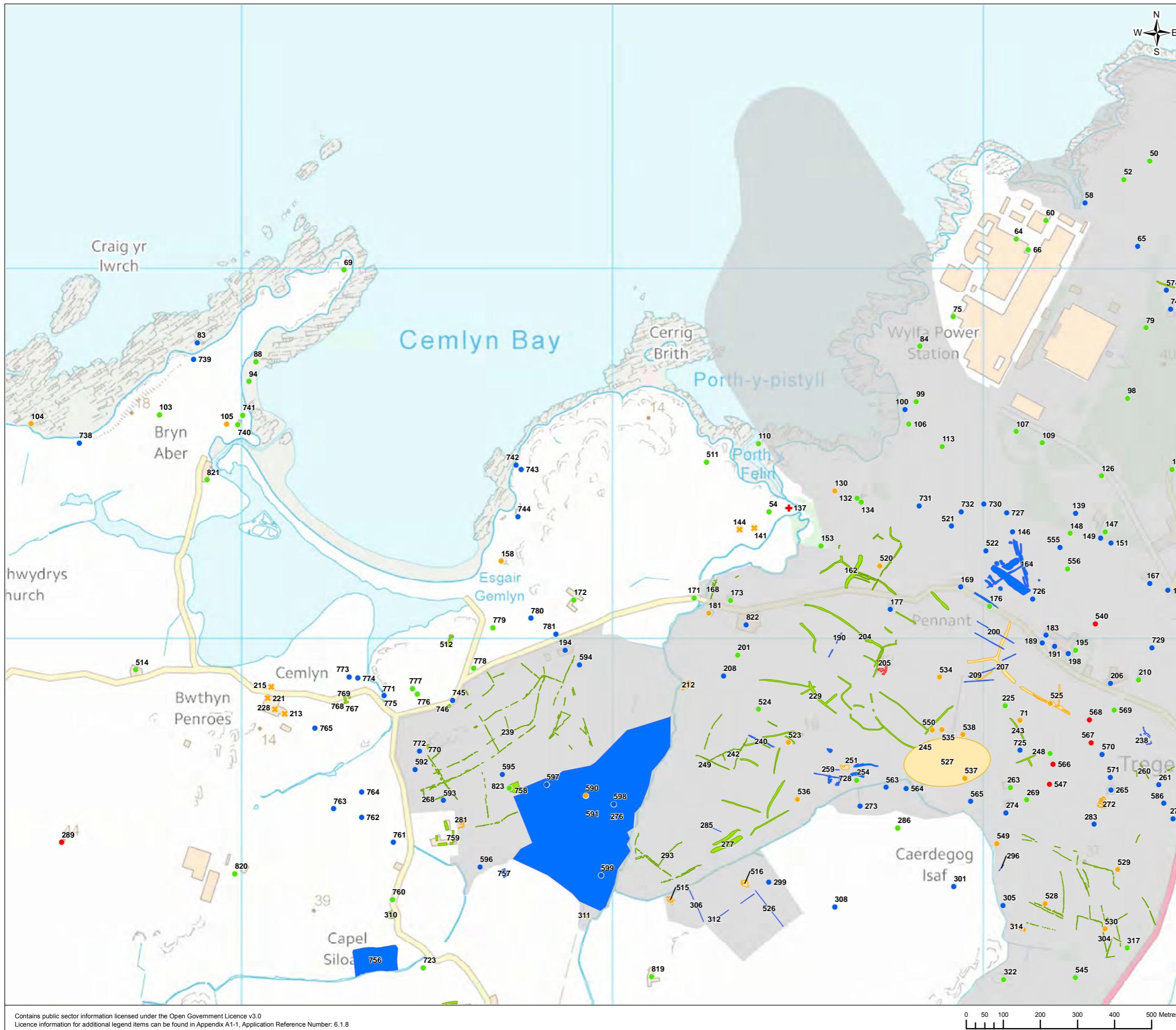
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**FIGURE D11-3**

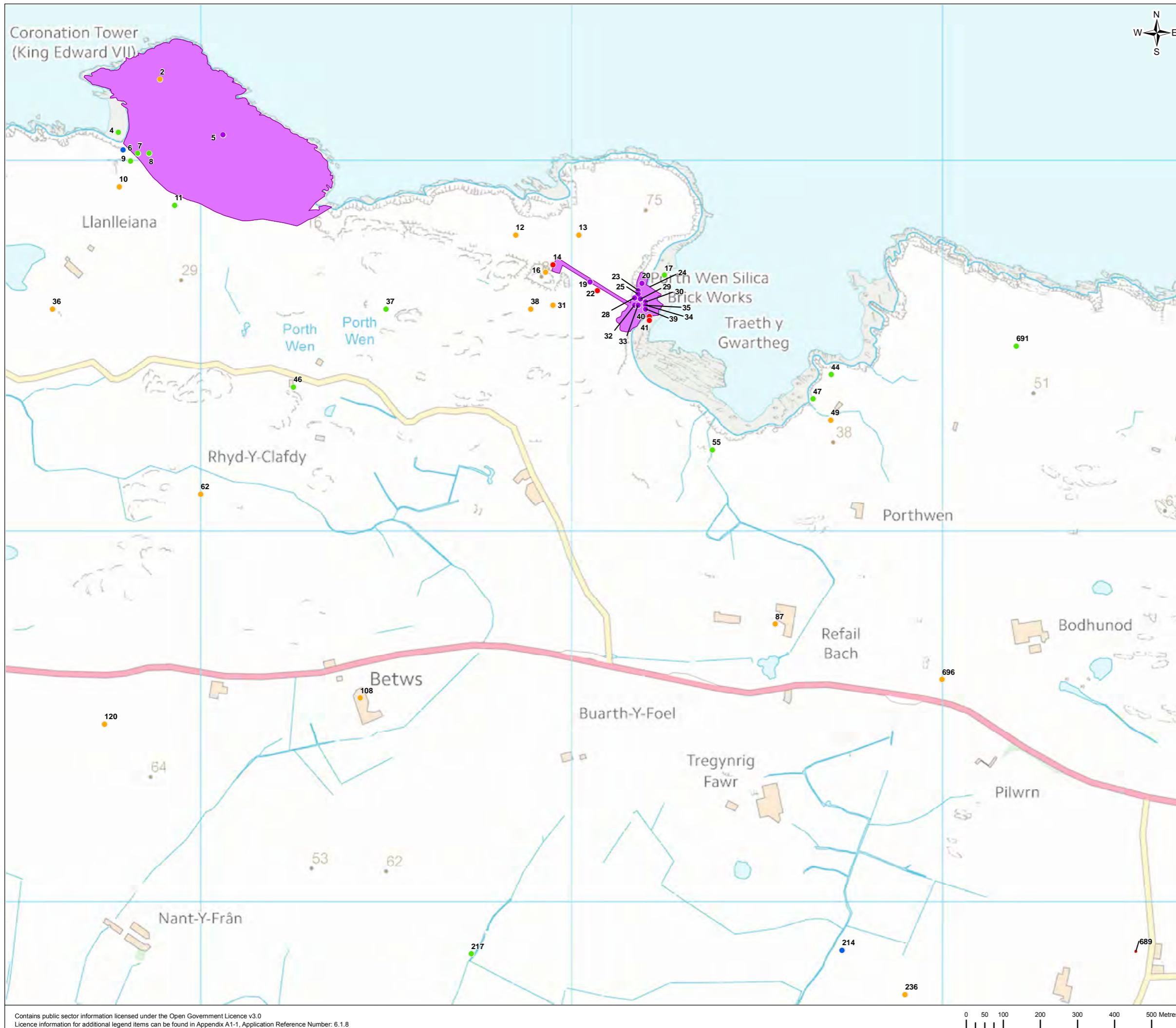


**FIGURE D11-4**



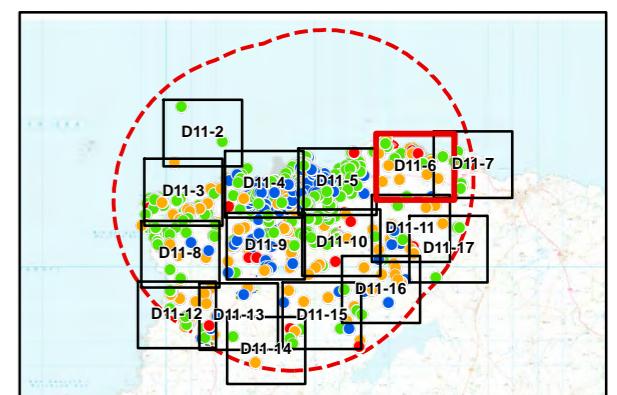


**FIGURE D11-6**



**Legend**

- Wylfa Newydd Development Area
- Study area for terrestrial archaeological remains, historic buildings and the historic landscape
- Scheduled Monument
- Grade I Listed Building
- Grade II\* Listed Building
- Grade II Listed Building
- Conservation Area (medium value)
- Undesignated Cultural Heritage Asset of High Value
- Undesignated Cultural Heritage Asset of Medium Value
- Undesignated Cultural Heritage Asset of Low Value
- Undesignated Cultural Heritage Asset of Negligible Value



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

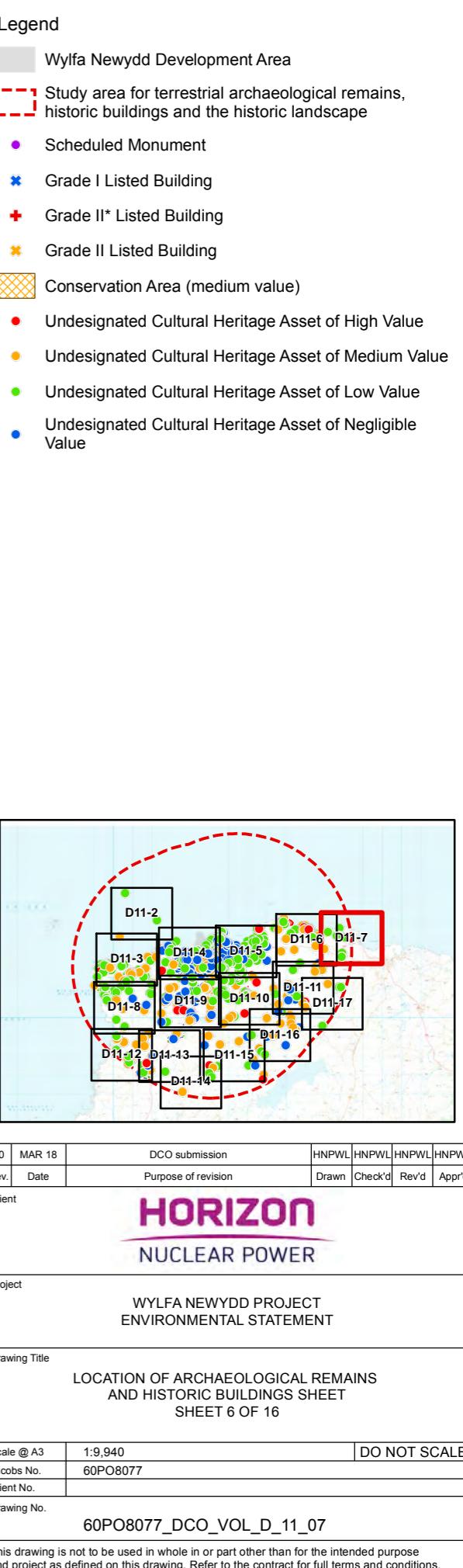
WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title  
LOCATION OF ARCHAEOLOGICAL REMAINS  
AND HISTORIC BUILDINGS SHEET  
SHEET 5 OF 16

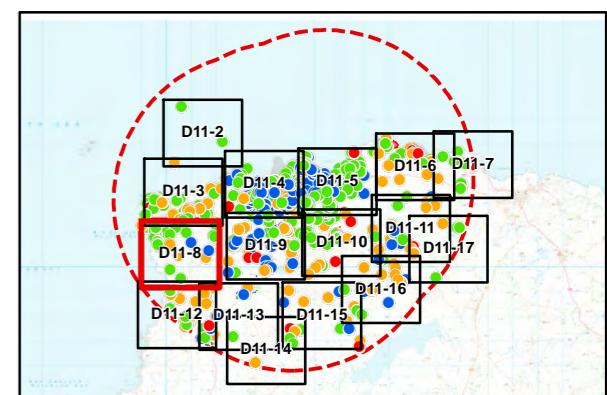
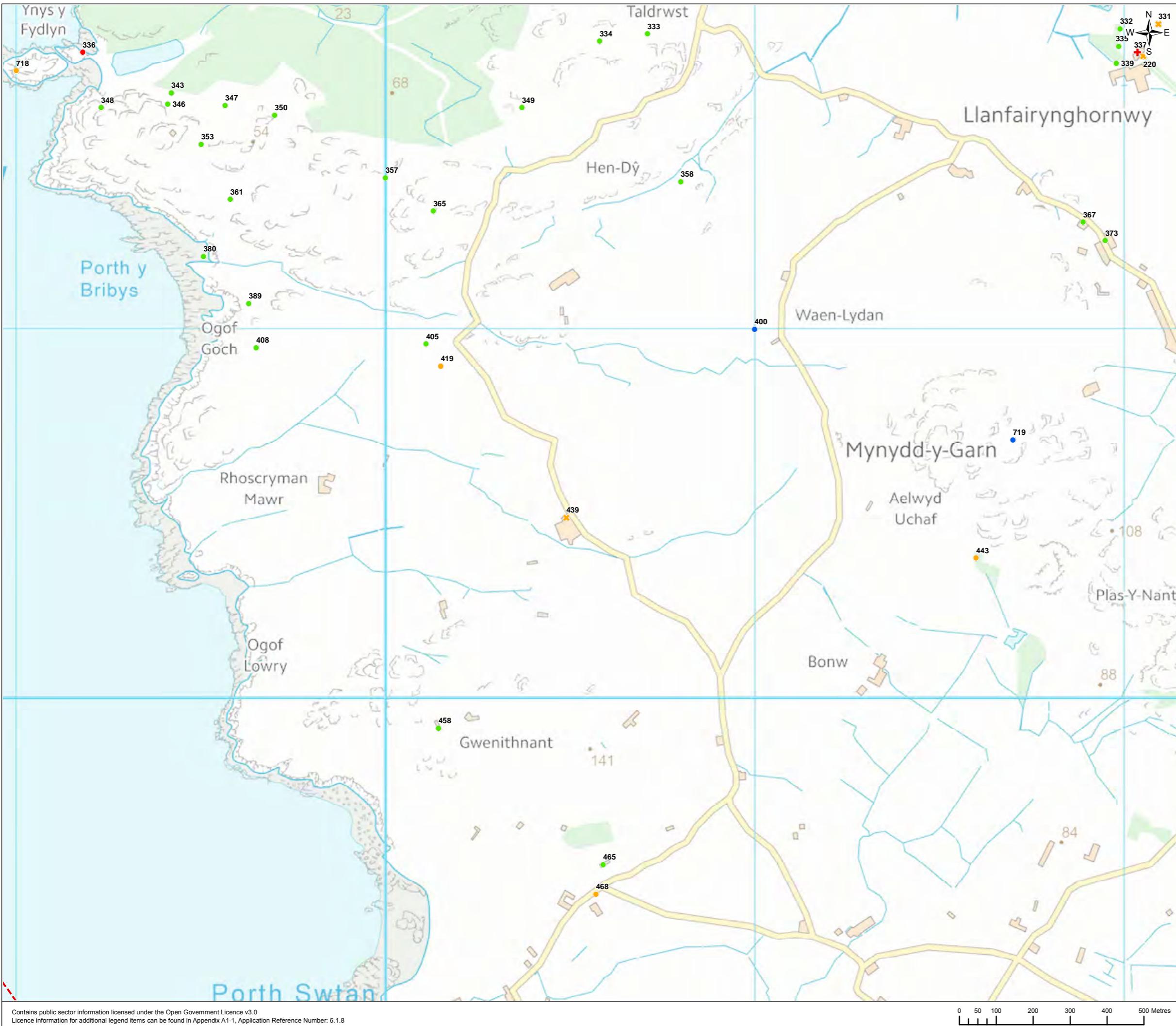
Scale @ A3	1:9,940	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		
Drawing No.	60PO8077_DCO_VOL_D_11_06	

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 D11-7**

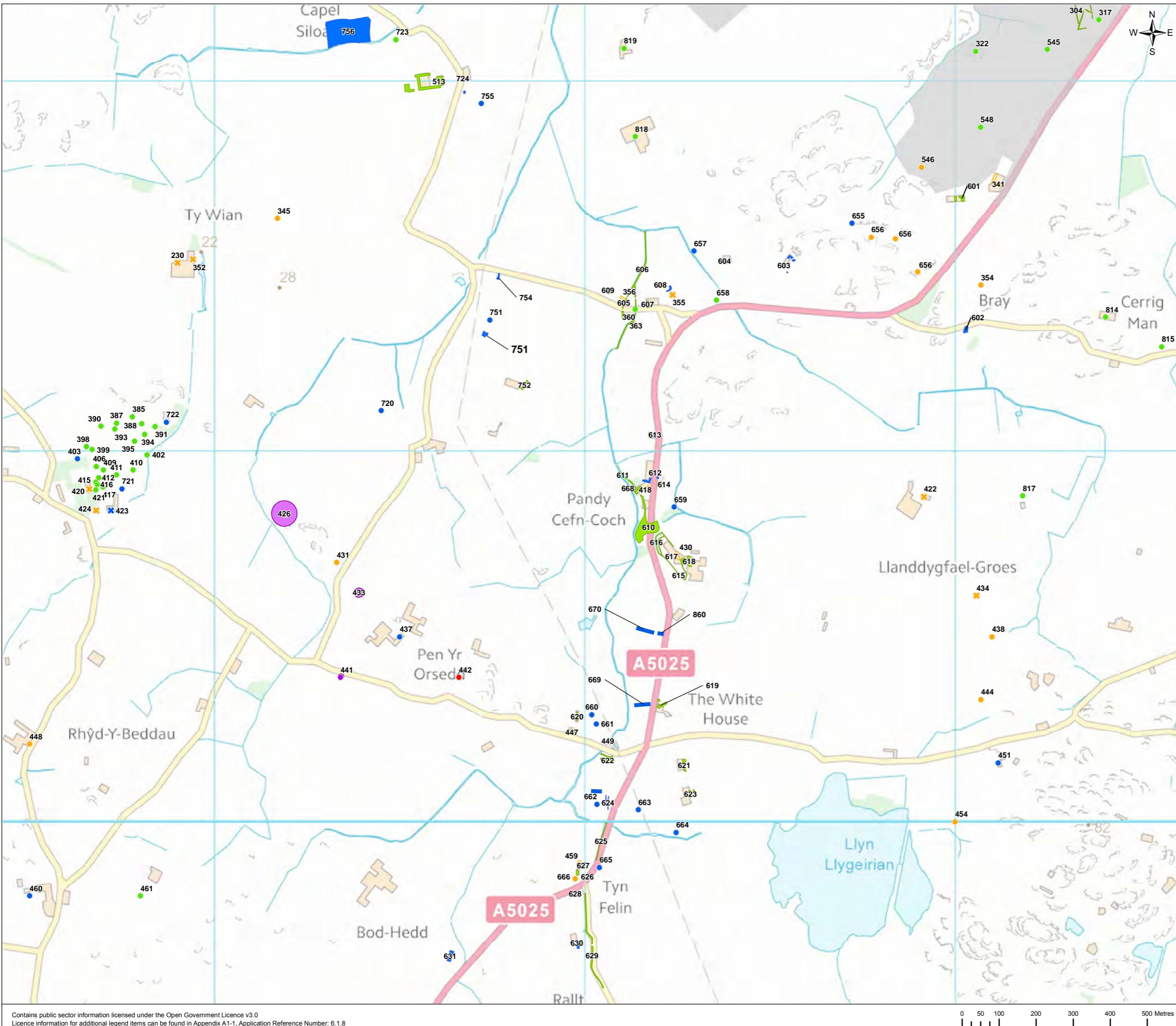


**FIGURE D11-8**

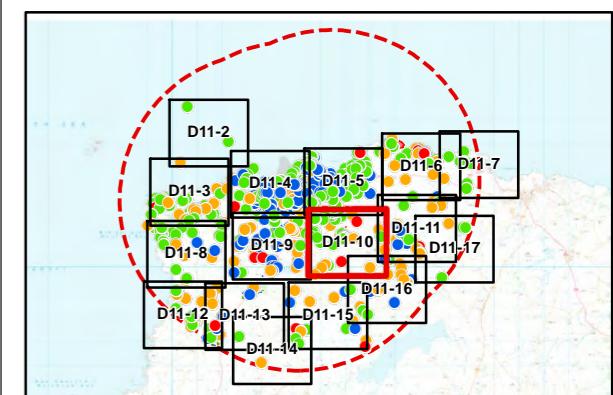
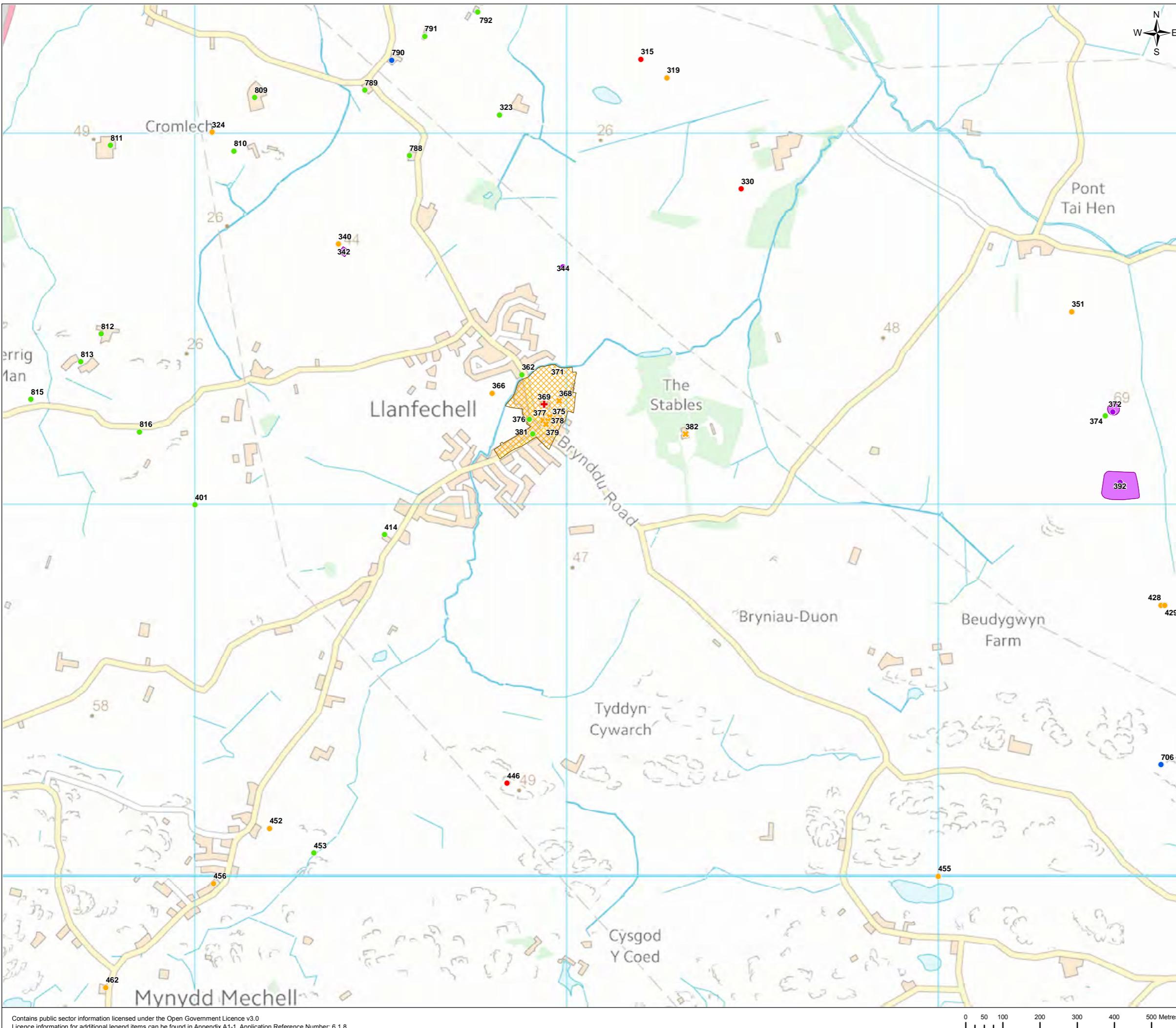


1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
LOCATION OF ARCHAEOLOGICAL REMAINS AND HISTORIC BUILDINGS SHEET SHEET 7 OF 16						
Scale @ A3	1:9,940	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_D_11_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 D11-9**



**FIGURE D11-10**



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

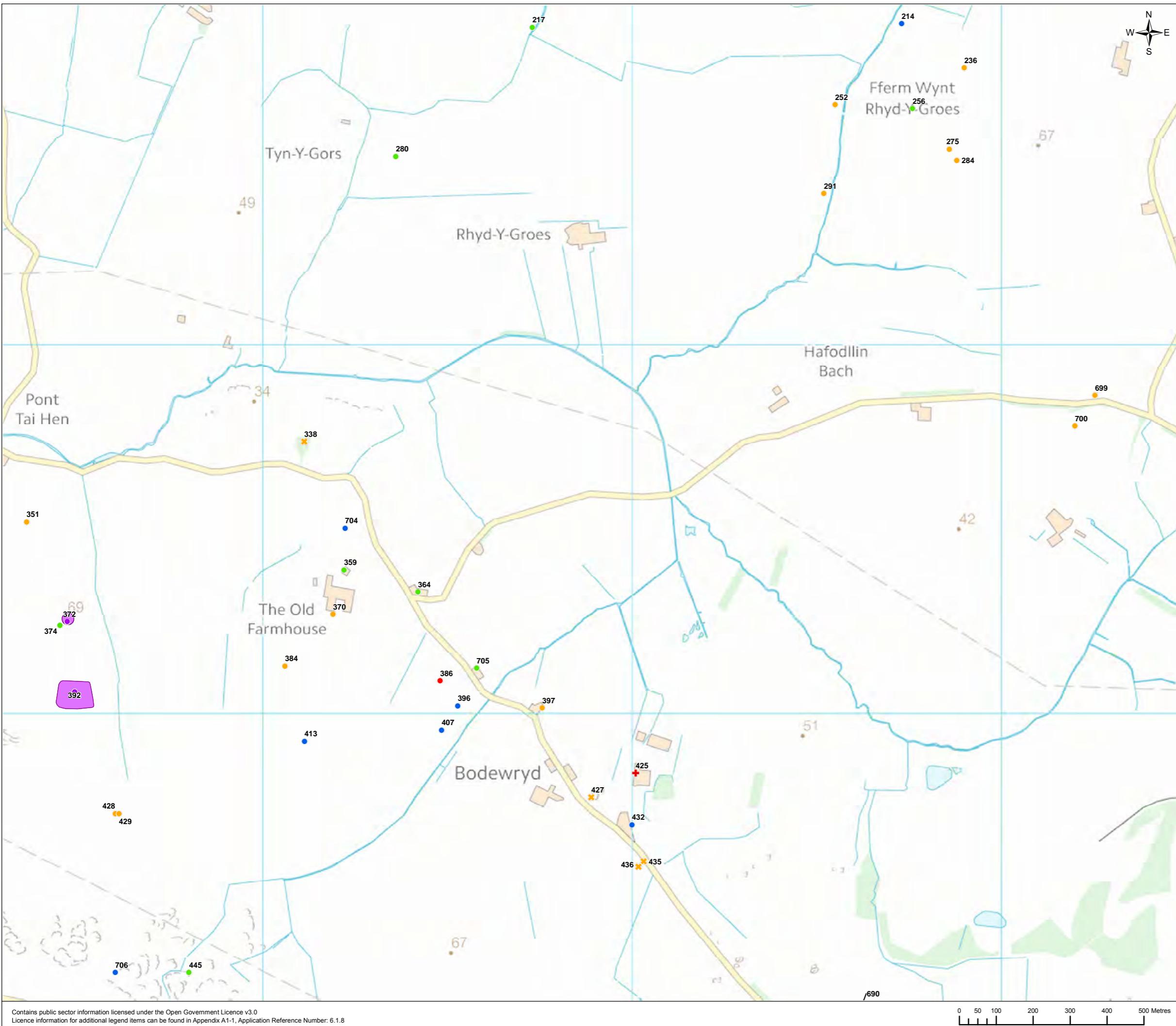
WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title  
LOCATION OF ARCHAEOLOGICAL REMAINS  
AND HISTORIC BUILDINGS SHEET  
SHEET 9 OF 16

Scale @ A3	1:9,940	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		
Drawing No.	60PO8077_DCO_VOL_D_11_10	

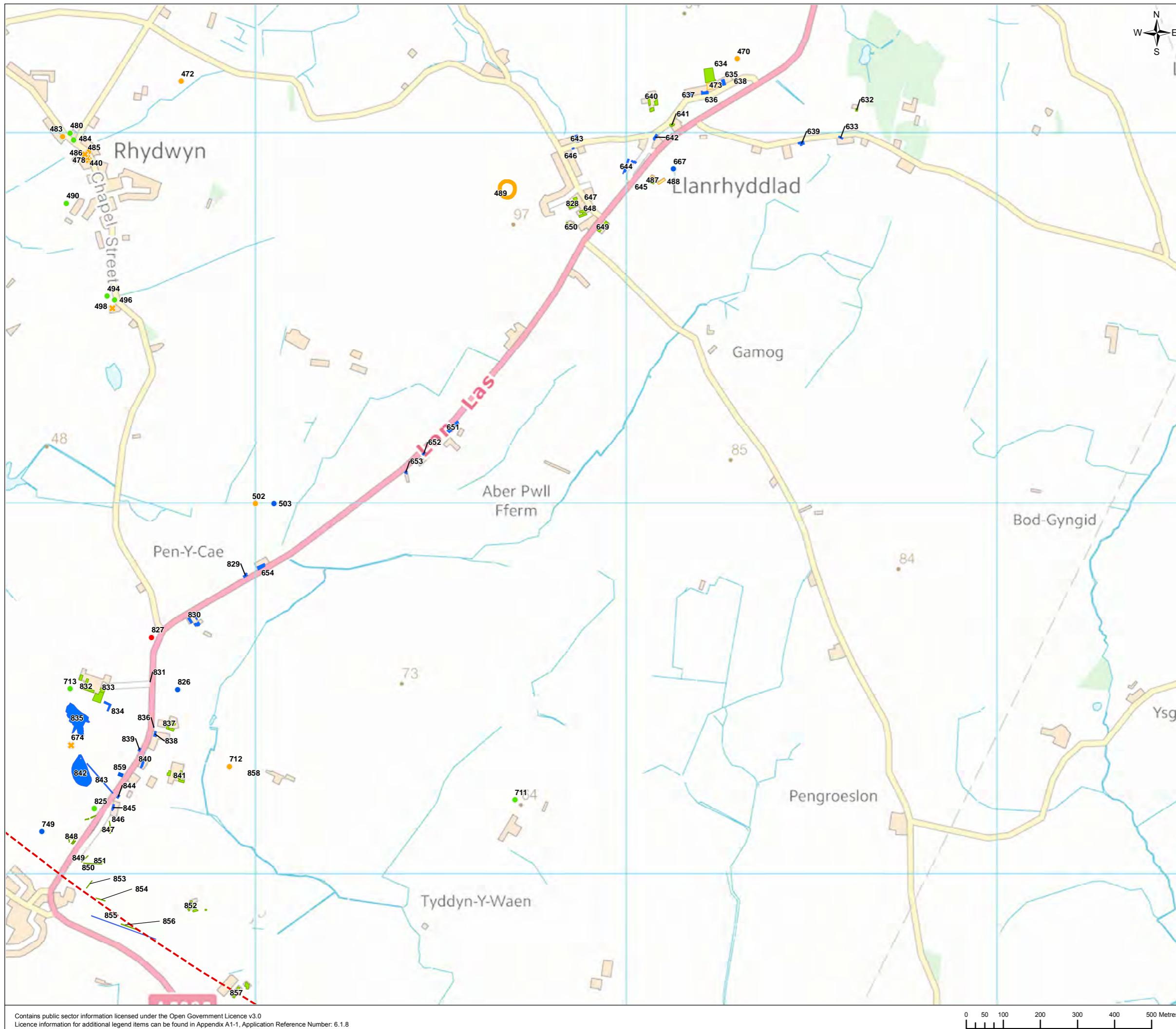
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

**FIGURE D11-11**

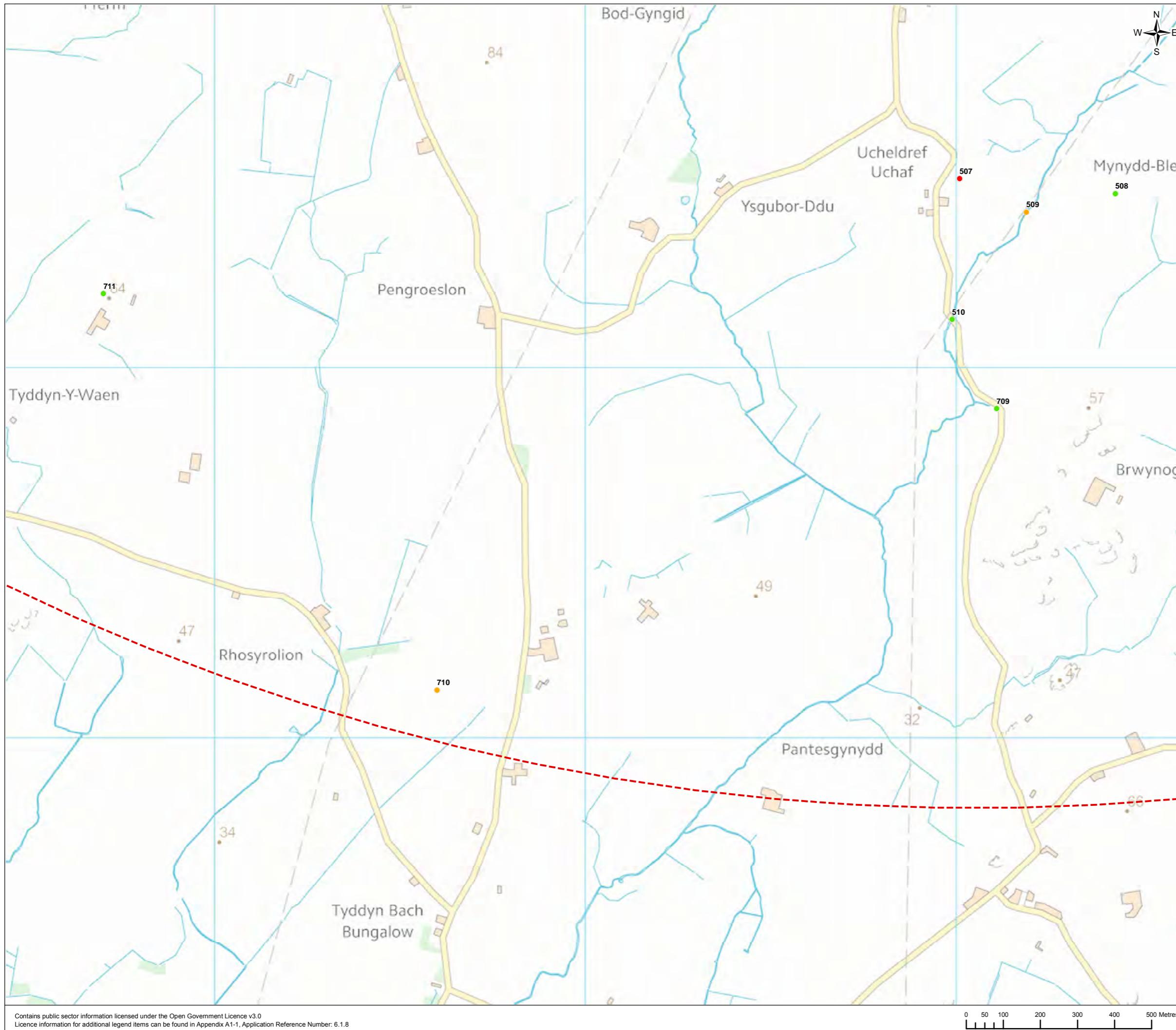




**FIGURE D11-13**



**FIGURE D11-14**



Legend						
						Wylfa Newydd Development Area
						<span style="border: 1px dashed red; padding: 2px;">Study area for terrestrial archaeological remains, historic buildings and the historic landscape</span>
						● Scheduled Monument
						✖ Grade I Listed Building
						✚ Grade II* Listed Building
						✖ Grade II Listed Building
						<span style="background-color: orange; border: 1px solid black; padding: 2px;">Conservation Area (medium value)</span>
						● Undesignated Cultural Heritage Asset of High Value
						● Undesignated Cultural Heritage Asset of Medium Value
						● Undesignated Cultural Heritage Asset of Low Value
						● Undesignated Cultural Heritage Asset of Negligible Value

**DCO submission** HNPWL HNPWL HNPWL HNPWL

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

**HORIZON**  
NUCLEAR POWER

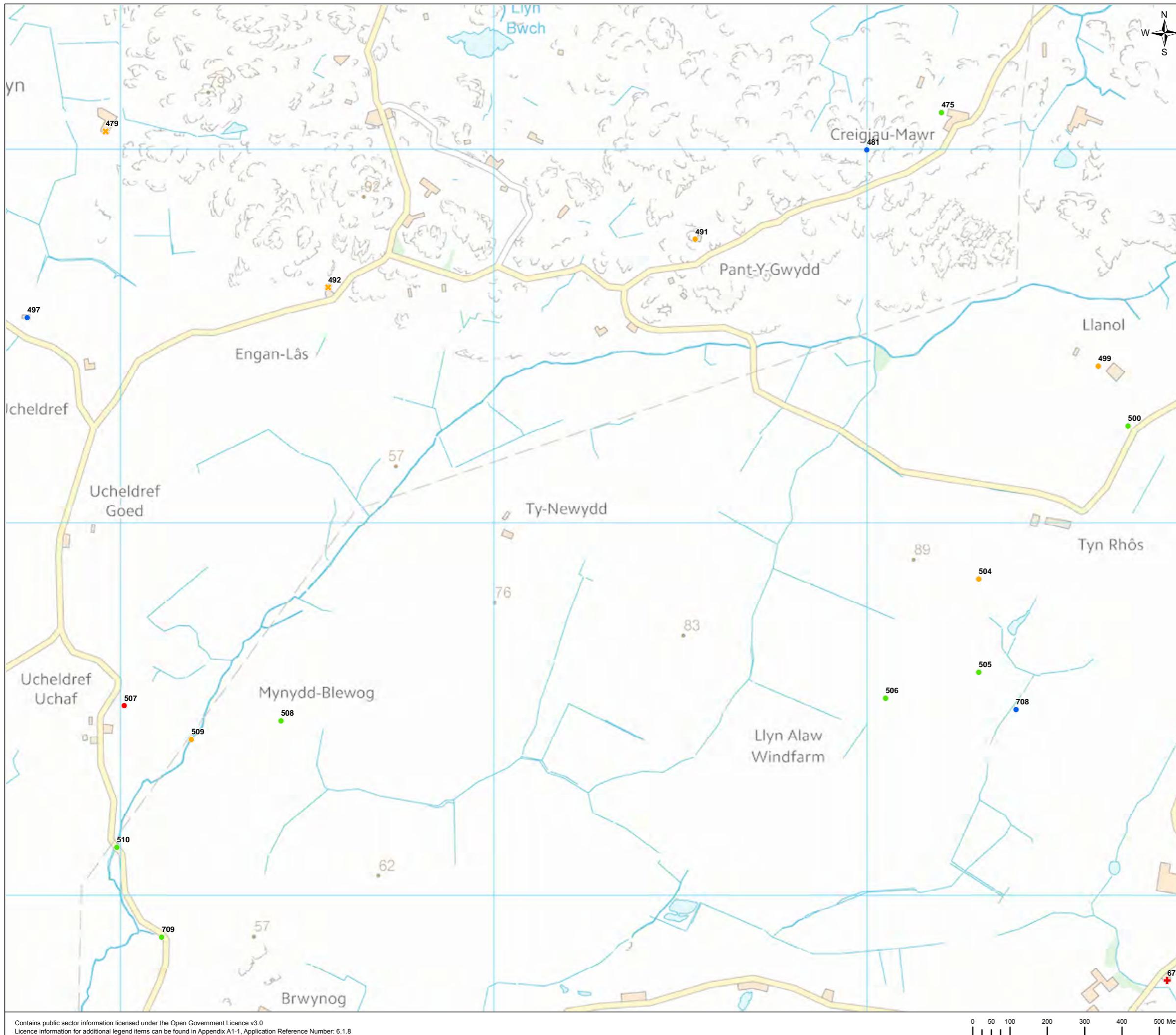
**WYLFA NEWYDD PROJECT**  
ENVIRONMENTAL STATEMENT

**Drawing Title**  
LOCATION OF ARCHAEOLOGICAL REMAINS  
AND HISTORIC BUILDINGS SHEET  
SHEET 13 OF 16

Scale @ A3	1:9,940	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		
Drawing No.	60PO8077_DCO_VOL_D_11_14	

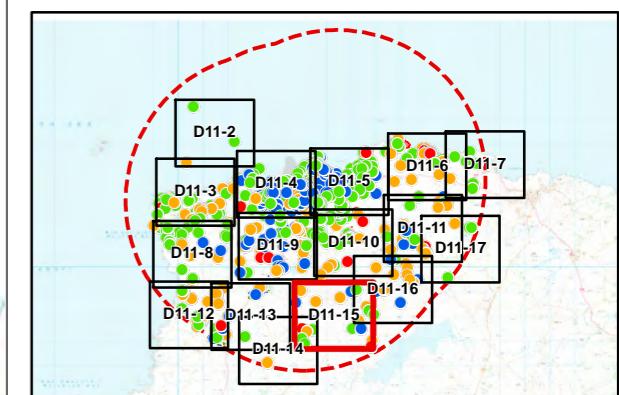
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

**FIGURE D11-15**



**Legend**

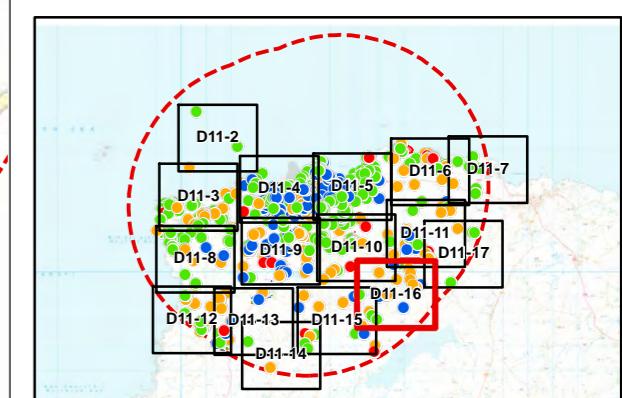
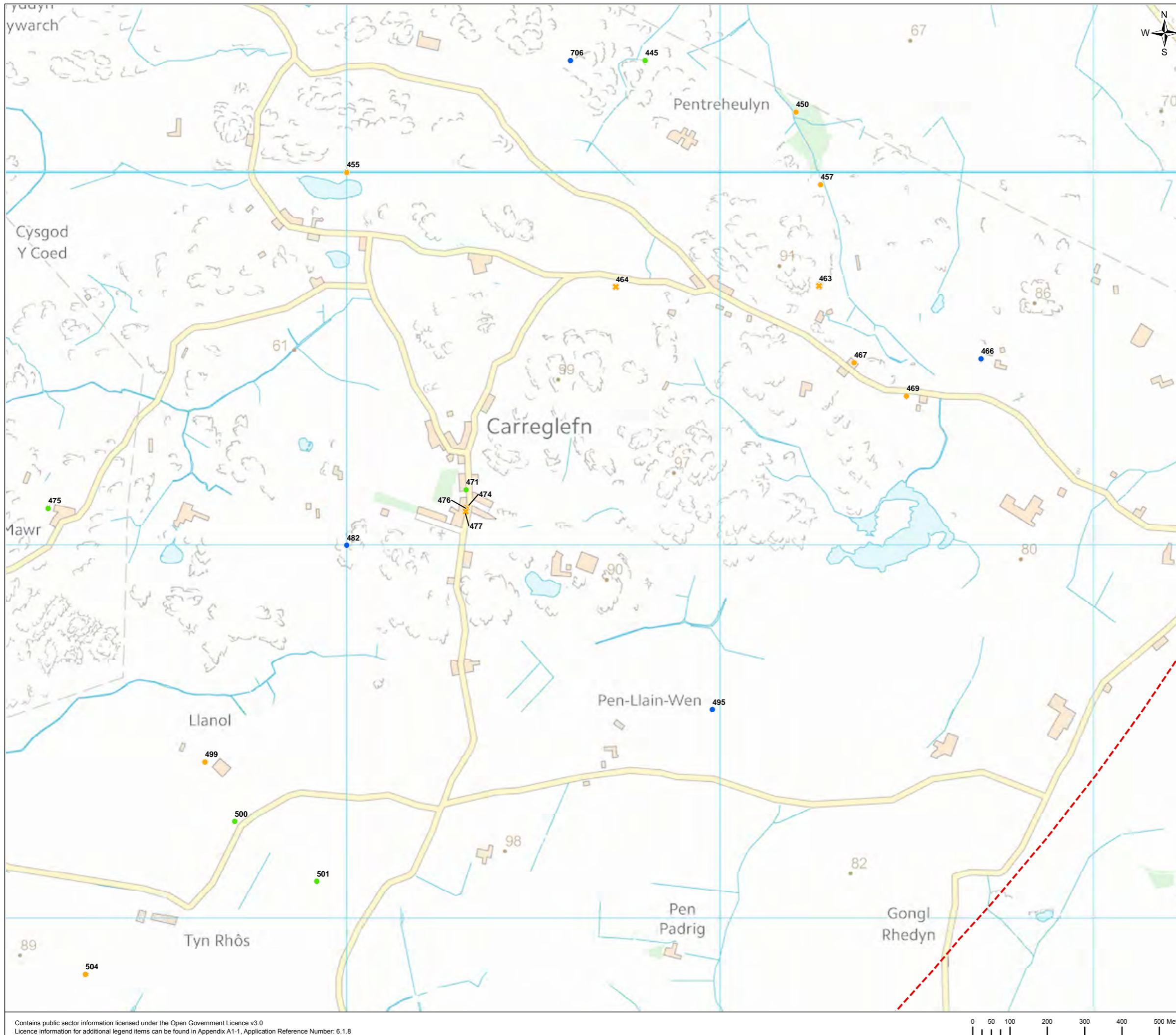
- Wylfa Newydd Development Area
- Study area for terrestrial archaeological remains, historic buildings and the historic landscape
- Scheduled Monument
- Grade I Listed Building
- Grade II\* Listed Building
- Grade II Listed Building
- Conservation Area (medium value)
- Undesignated Cultural Heritage Asset of High Value
- Undesignated Cultural Heritage Asset of Medium Value
- Undesignated Cultural Heritage Asset of Low Value
- Undesignated Cultural Heritage Asset of Negligible Value



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						
LOCATION OF ARCHAEOLOGICAL REMAINS AND HISTORIC BUILDINGS SHEET SHEET 14 OF 16						
Scale @ A3	1:9,940	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_D_11_15					

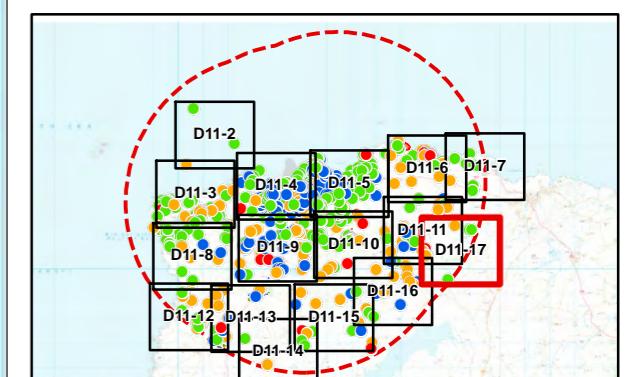
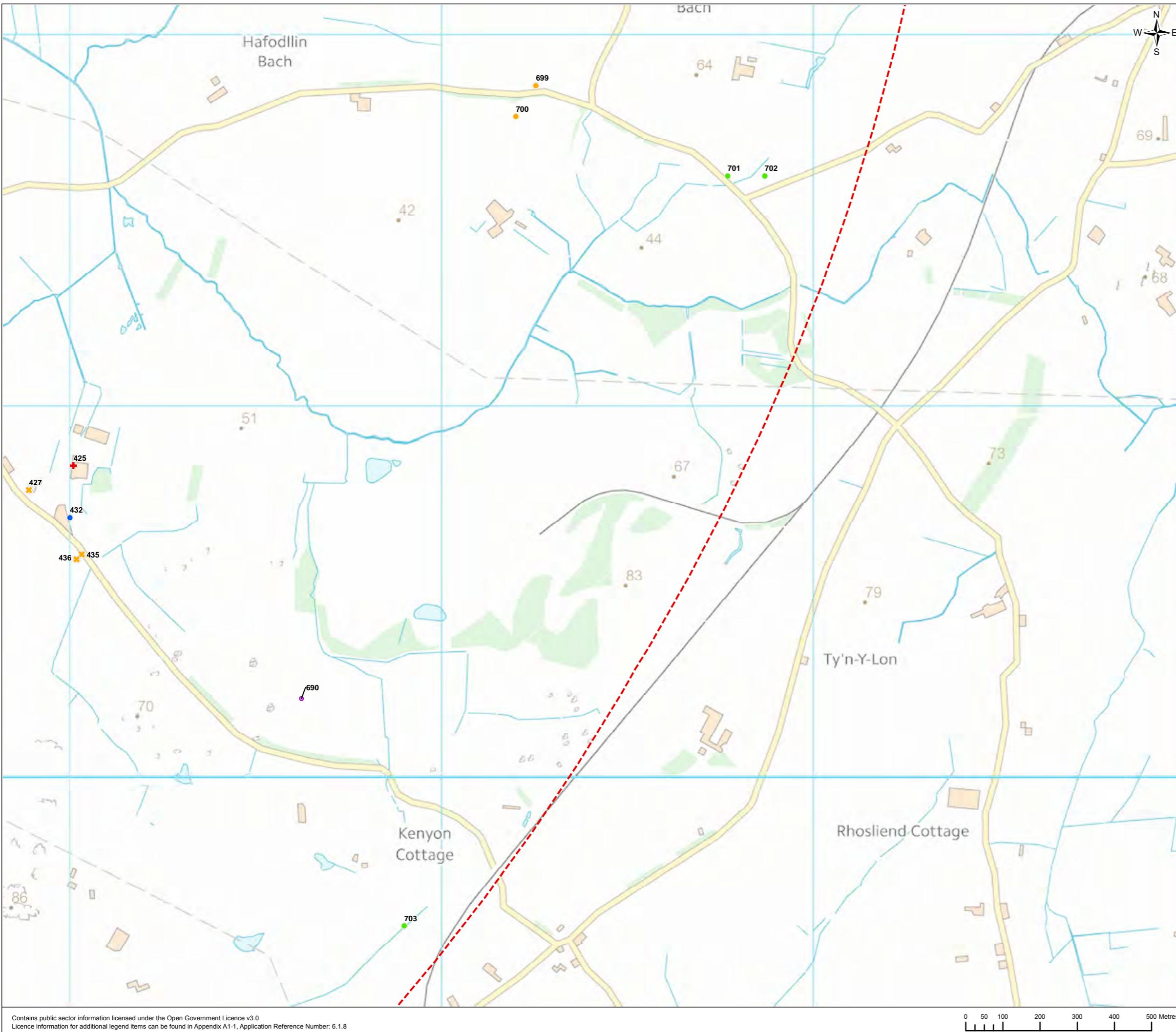
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

**FIGURE D11-16**



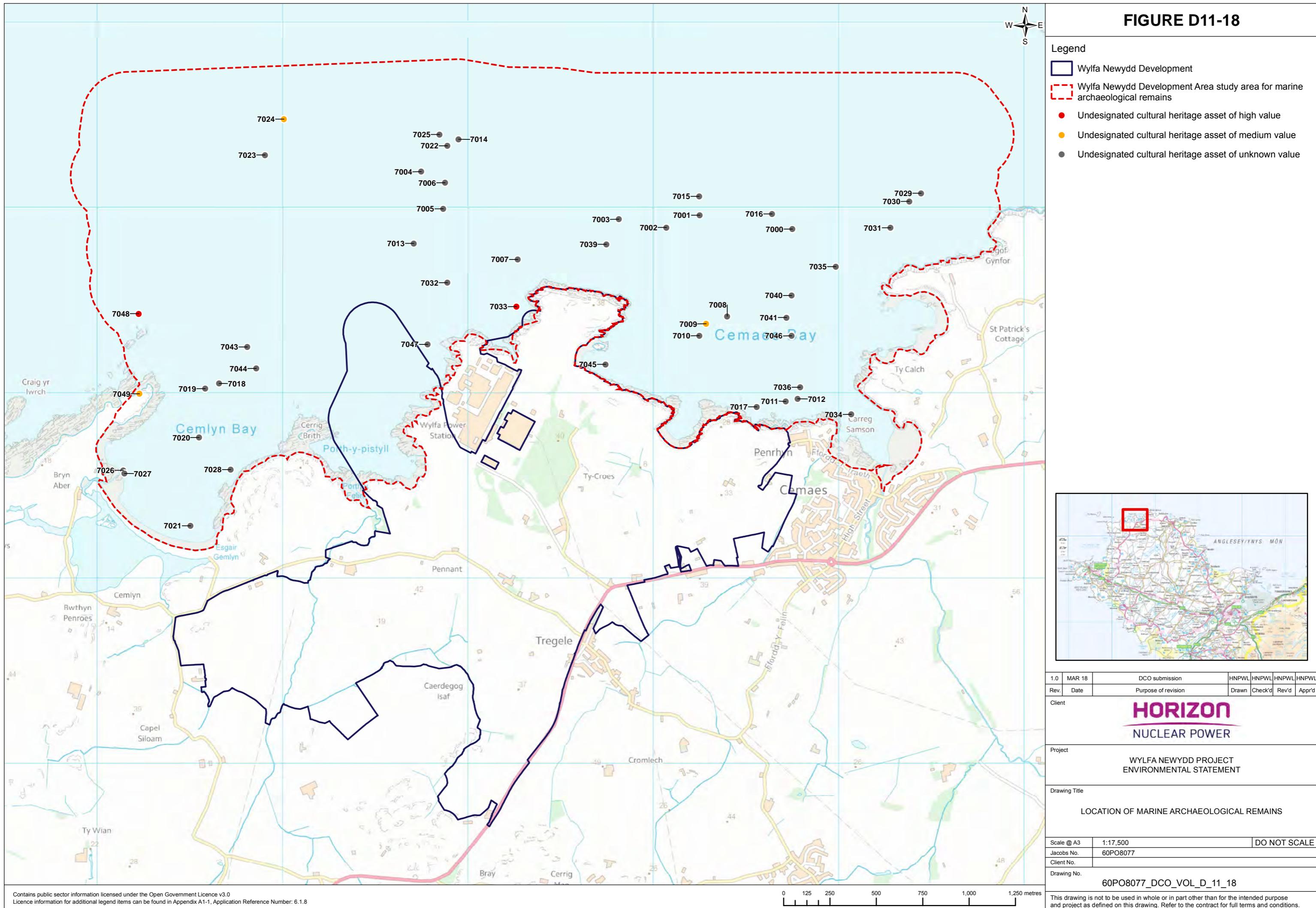
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
WYLFA NEWYDD PROJECT						
ENVIRONMENTAL STATEMENT						
Drawing Title						
LOCATION OF ARCHAEOLOGICAL REMAINS AND HISTORIC BUILDINGS SHEET						
SHEET 15 OF 16						
Scale @ A3	1:9,940	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_D_11_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.						

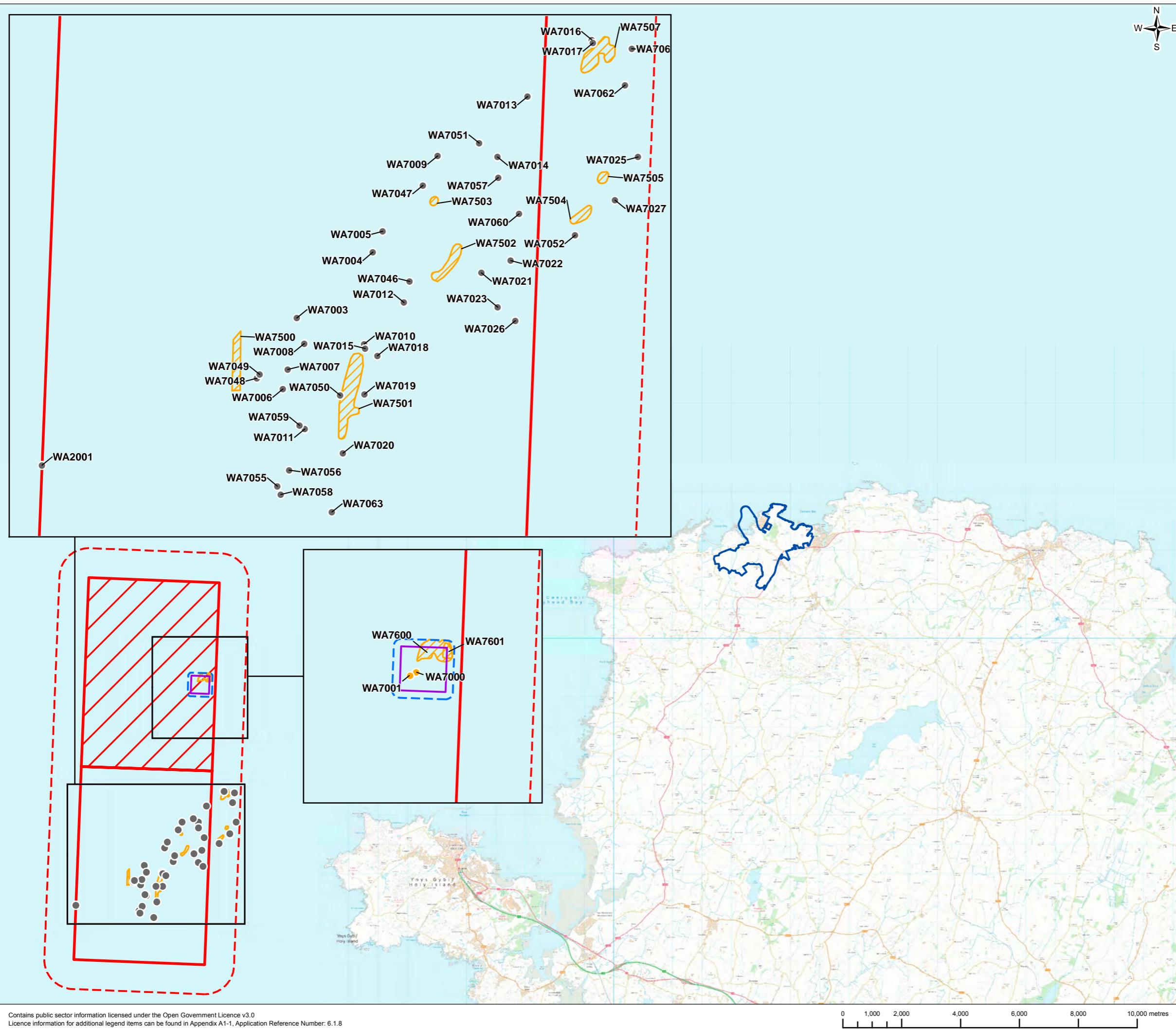
**FIGURE D11-17**



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						
LOCATION OF ARCHAEOLOGICAL REMAINS AND HISTORIC BUILDINGS SHEET SHEET 16 OF 16						
Scale @ A3	1:9,940	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_D_11_17					

**FIGURE D11-18**





**FIGURE D11-19**

## Legend

- Wylfa Newydd Development Area
- Disposal Site
- Holyhead Deep Disposal Area
- Micro-site for rock disposal
- Geophysical survey area
- Cultural heritage study area
- Undesignated cultural heritage asset of medium value
- Undesignated cultural heritage asset of unknown value

1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Client		<b>URBITEC</b>				

**HORIZON**  
NUCLEAR POWER

## WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

LOCATION OF MARINE ARCHAEOLOGICAL REMAINS  
- DISPOSAL SITE

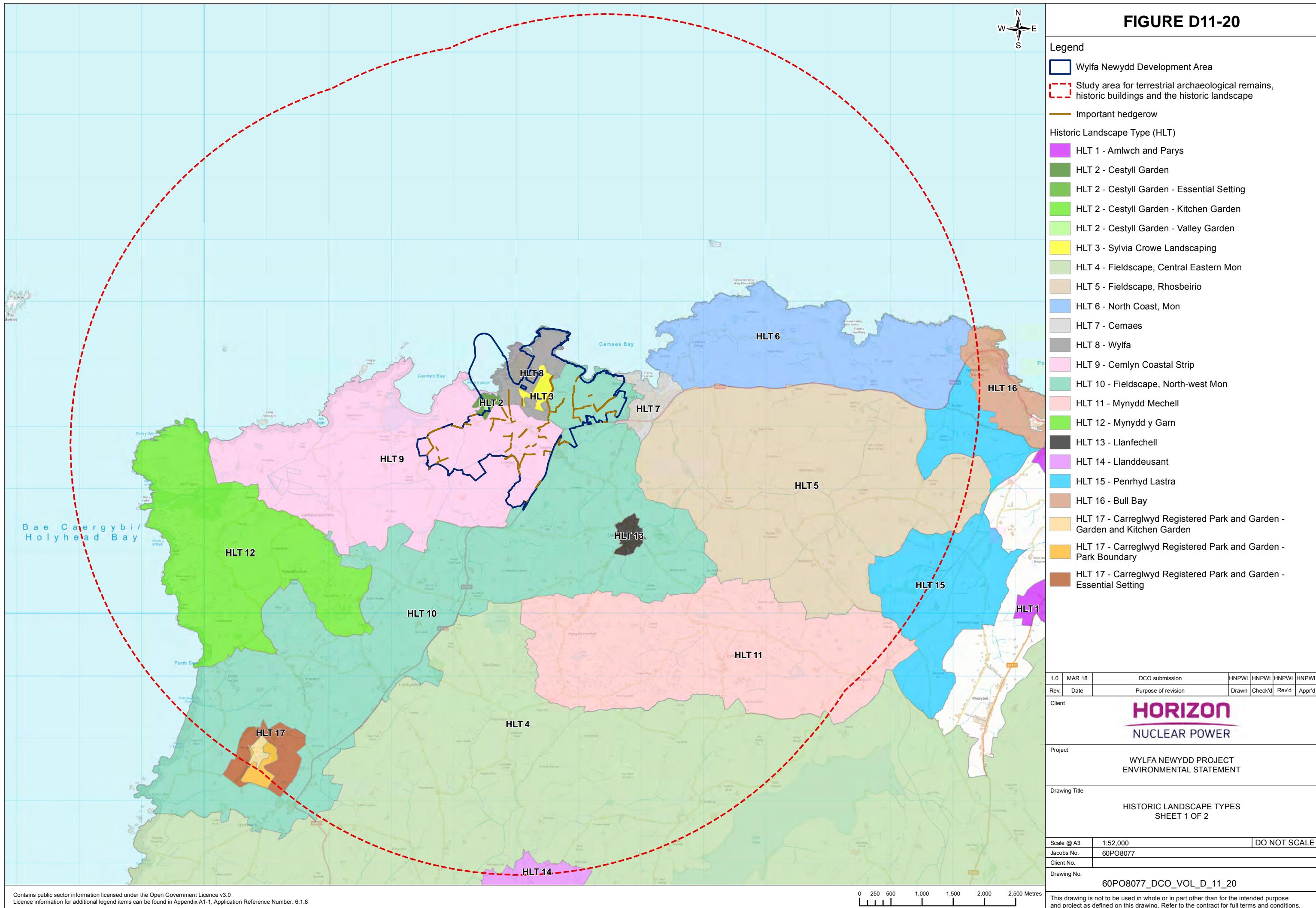
3 1:125,000 DO NOT SCALE  
60R08077

001 00077

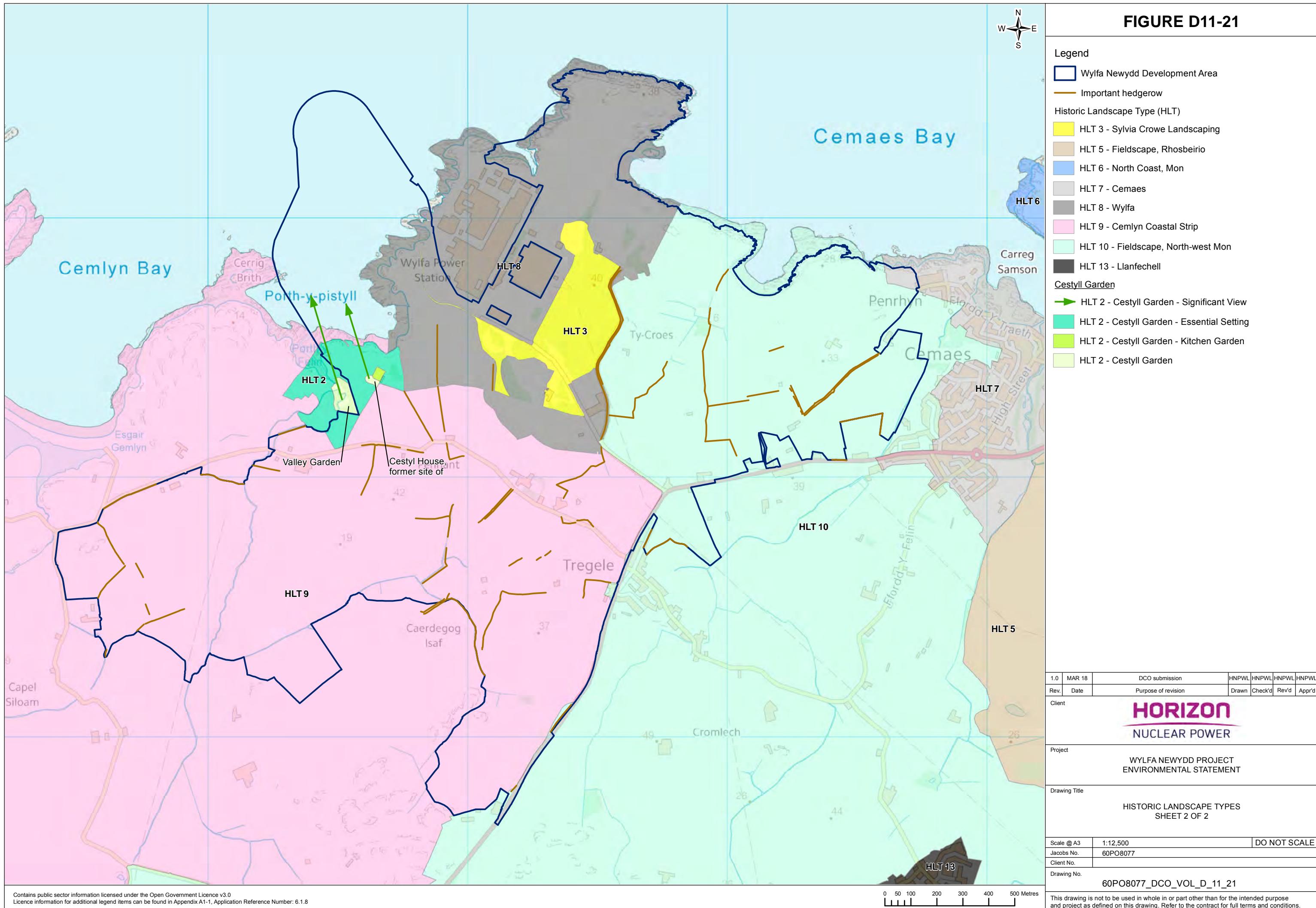
60PO8077\_DCO\_VOL\_D\_11\_19

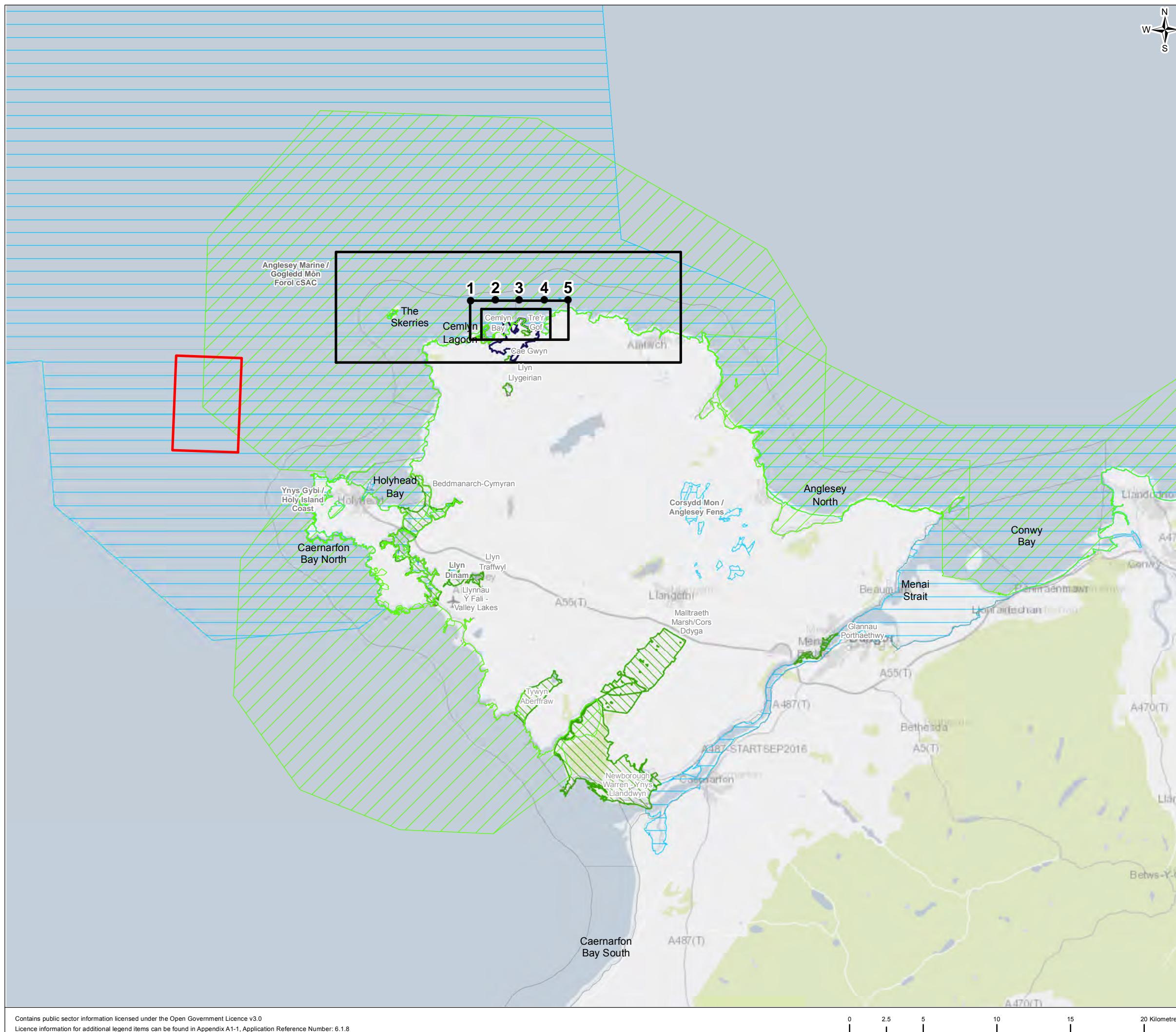
ing is not to be used in whole or in part other than for the intended purpose  
ct as defined on this drawing. Refer to the contract for full terms and conditions.

**FIGURE D11-20**



**FIGURE D11-21**





## FIGURE D12-1

## Legend

-  Wylfa Newydd Development Area
-  SWAN model grid extents (20m, 50m and 200m)
-  Holyhead North (the Disposal Site)
-  Water Framework Directive coastal water body
-  Special Protection Area (SPA)
-  Site of Special Scientific Interest (SSSI)
-  Special Area of Conservation (SAC)



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

Ergonomics in Design 2000

## WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

## PROCESSES AND MODELLING STUDY AREA EM PLUMES AND DEPOSITION AROUND THE TA NEWYDD DEVELOPMENT AREA AND DISPOSAL SITE AT HOLYHEAD NORTH

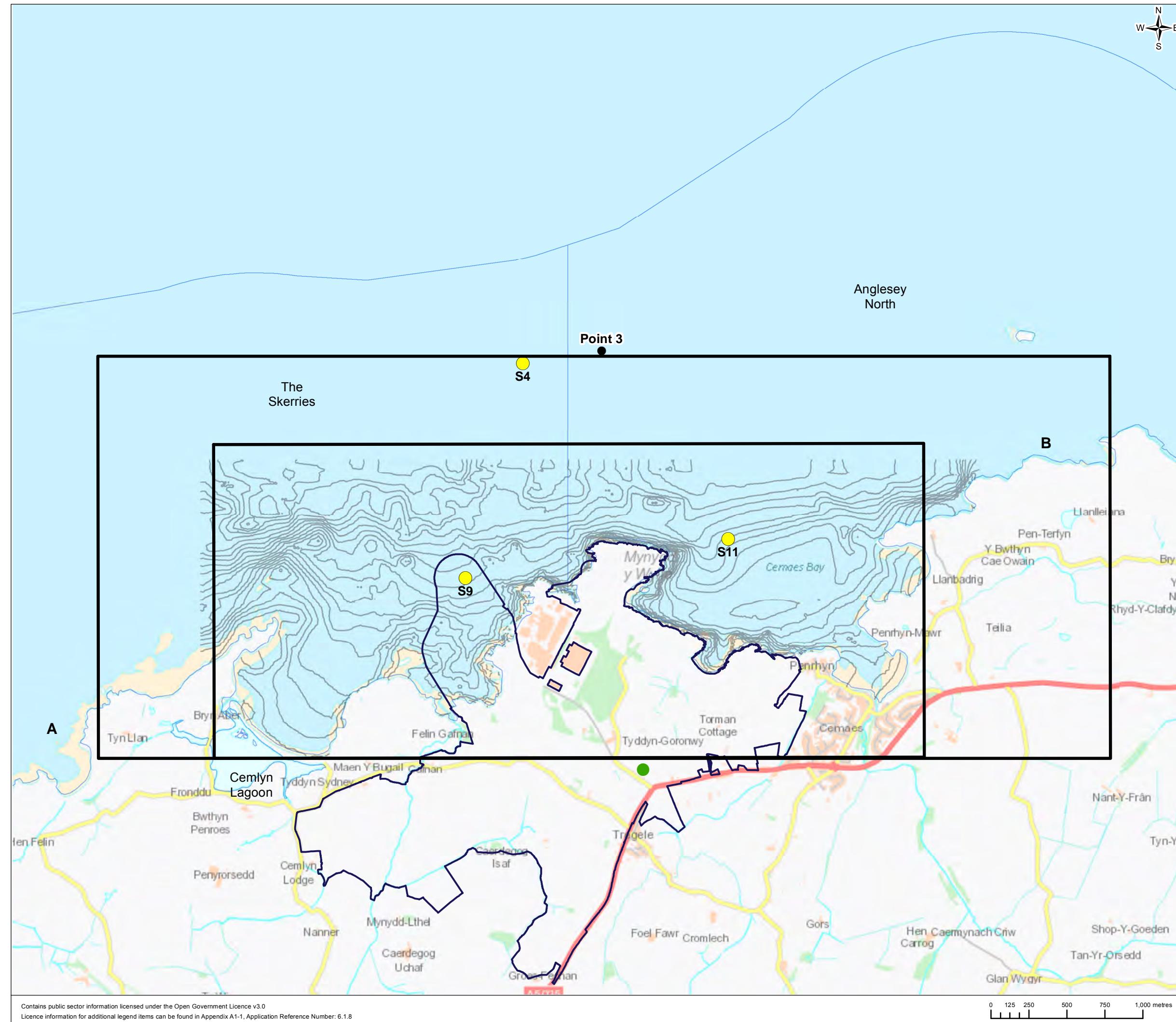
Scale @ A3	1:250,000	DO NOT SCALE
Jacobs No.	60PO8077	

Client No. \_\_\_\_\_  
Drawing No. \_\_\_\_\_

60PO8077\_DCO\_D\_12\_01

60PO8077\_DCO\_D\_12\_01

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## FIGURE D12-2

**Legend**

- Wylfa Newydd Development Area
- Delft3D Model inner and mid-resolution grid extents (20m and 70m)
- Water Framework Directive coastal water body
- Long term fixed monitoring station
- Weather mast location
- Bathymetric contour 2m interval
- Point3

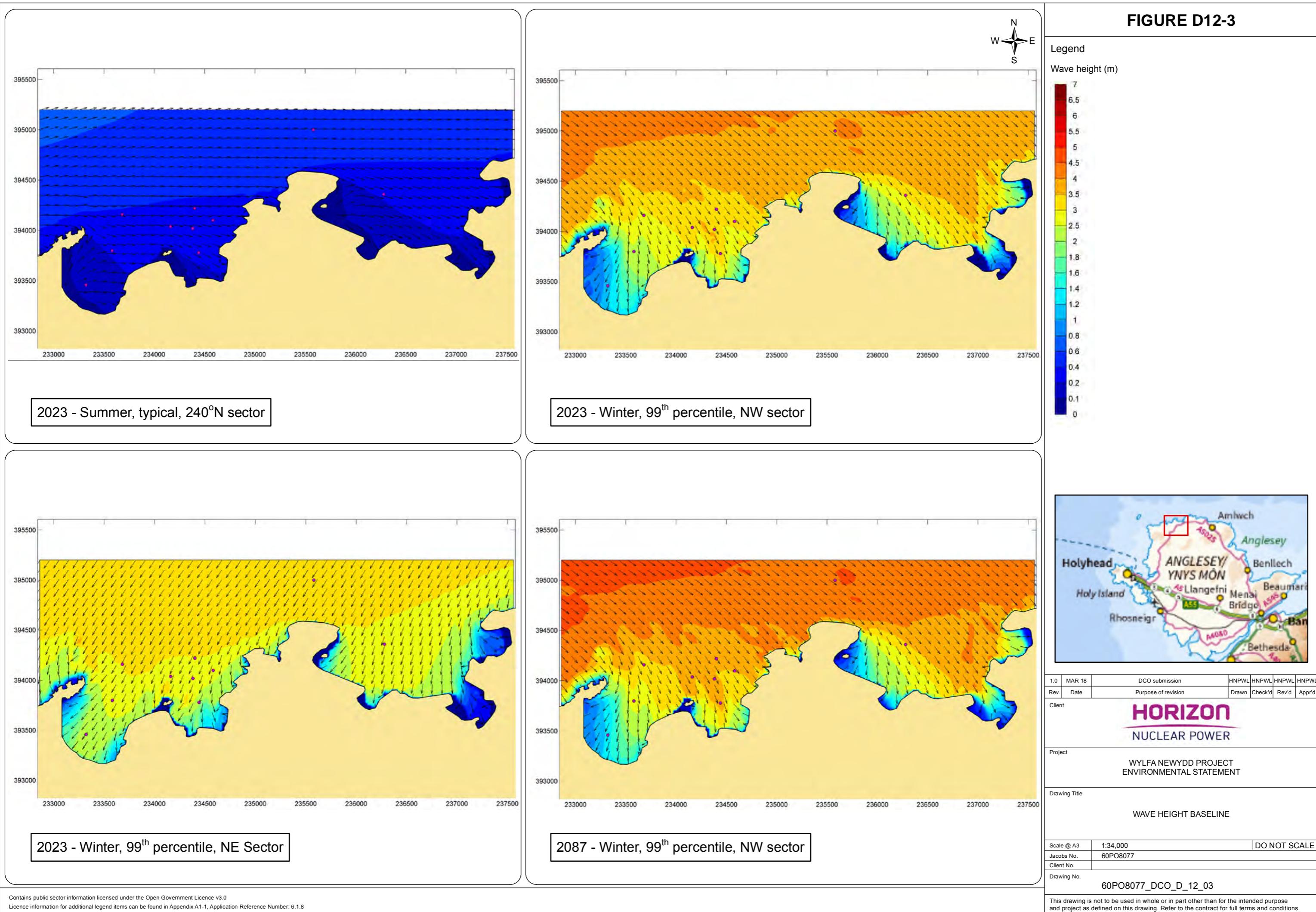
**A-B** Extent of geomorphological walkover survey

Map showing the extent of the geomorphological walkover survey (A-B) across the Anglesey/YNYS MÔN coastline. The survey line is indicated by a green dashed line with yellow dots. The map also shows the Wylfa Newydd Development Area (purple box), Delft3D Model grid extents (pink and green shaded areas), and various coastal features and settlements including Holyhead, Holy Island, Llangefni, Menai Bridge, Beaumaris, Bangor, Rhosneigr, Bethesda, and Caernarfon.

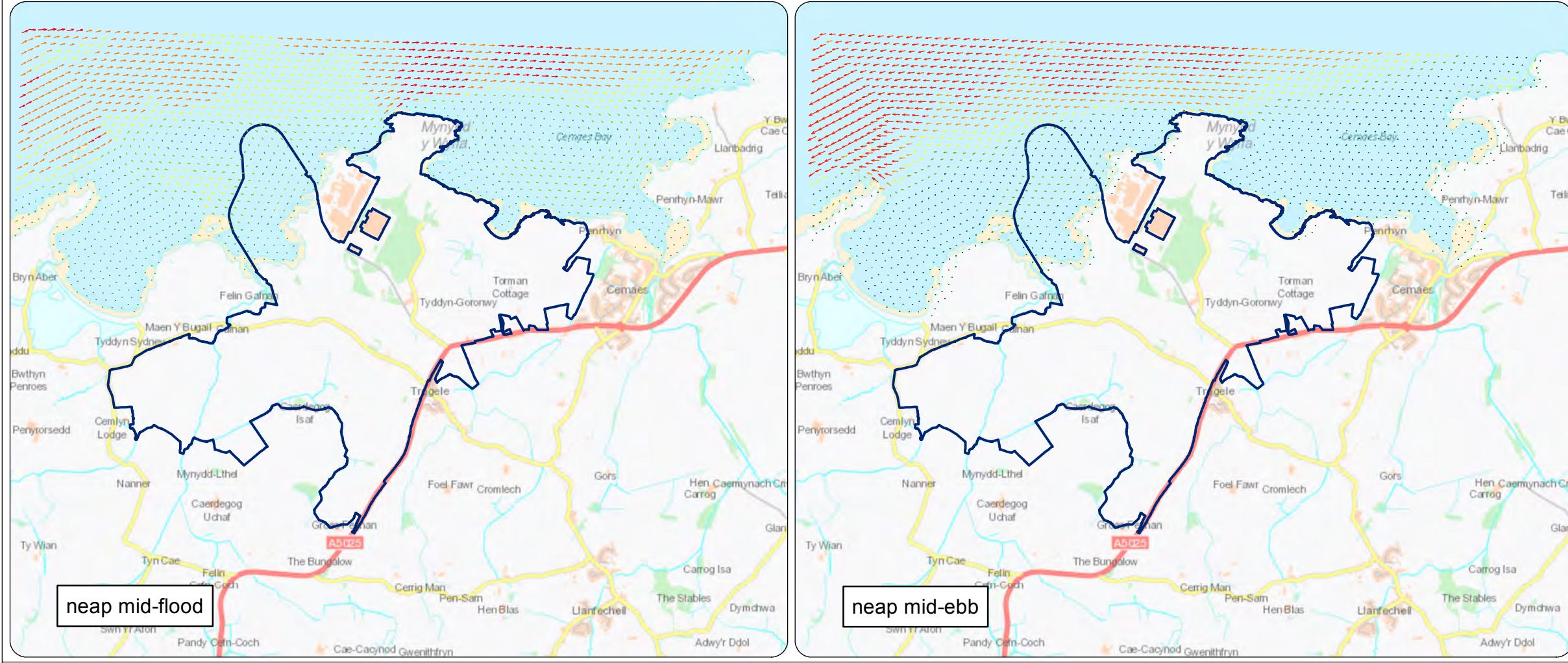
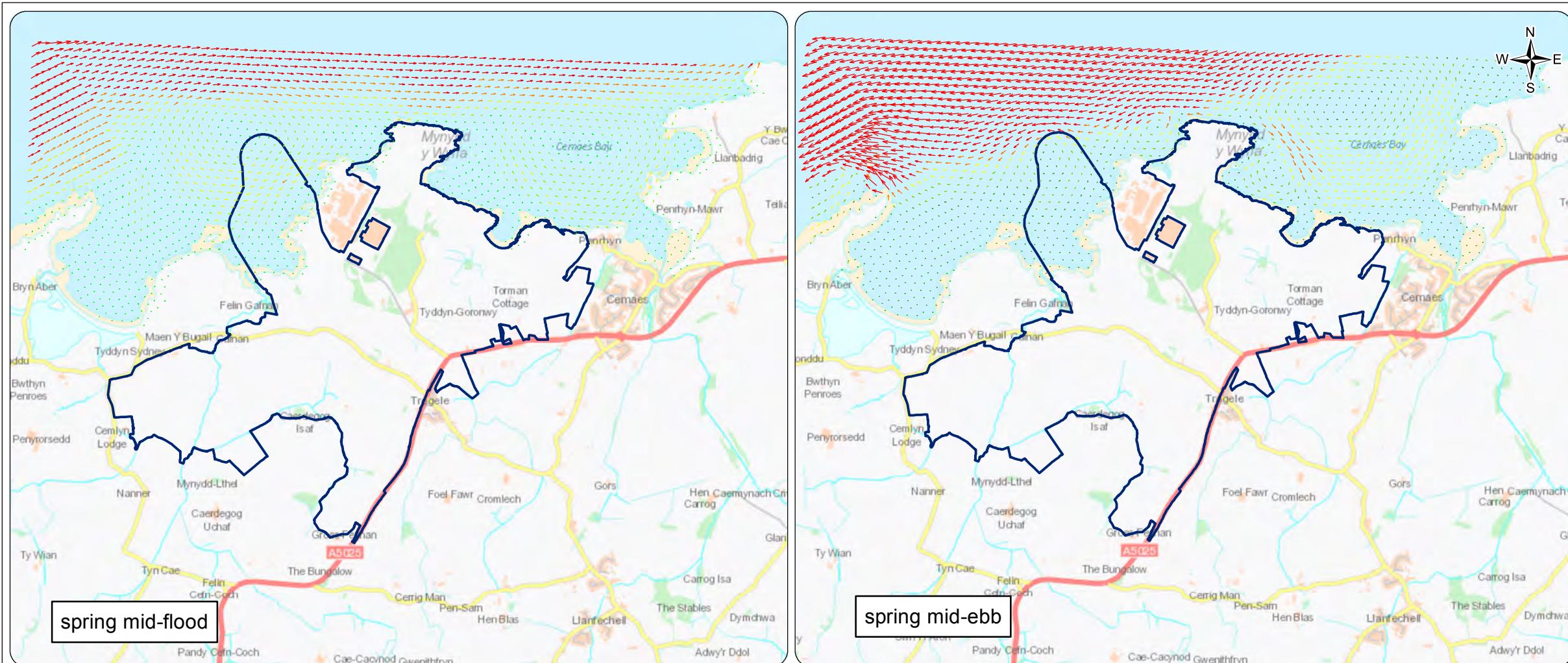
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Aut
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
COASTAL GEOMORPHOLOGY STUDY AREA						
Scale @ A3	1:24,000			DO NOT SC		
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_D_12_02					

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**FIGURE D12-3**



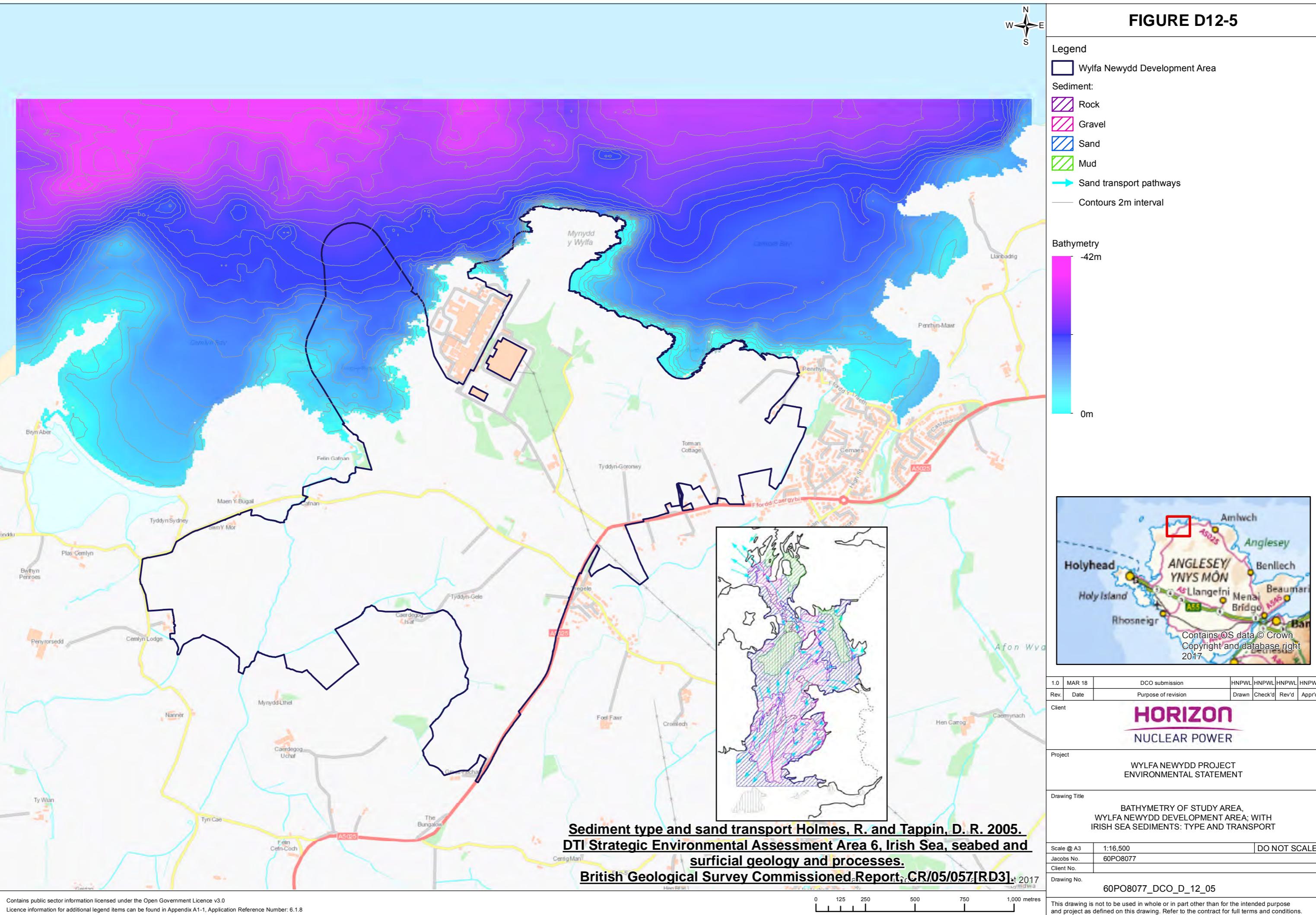
**FIGURE D12-4**



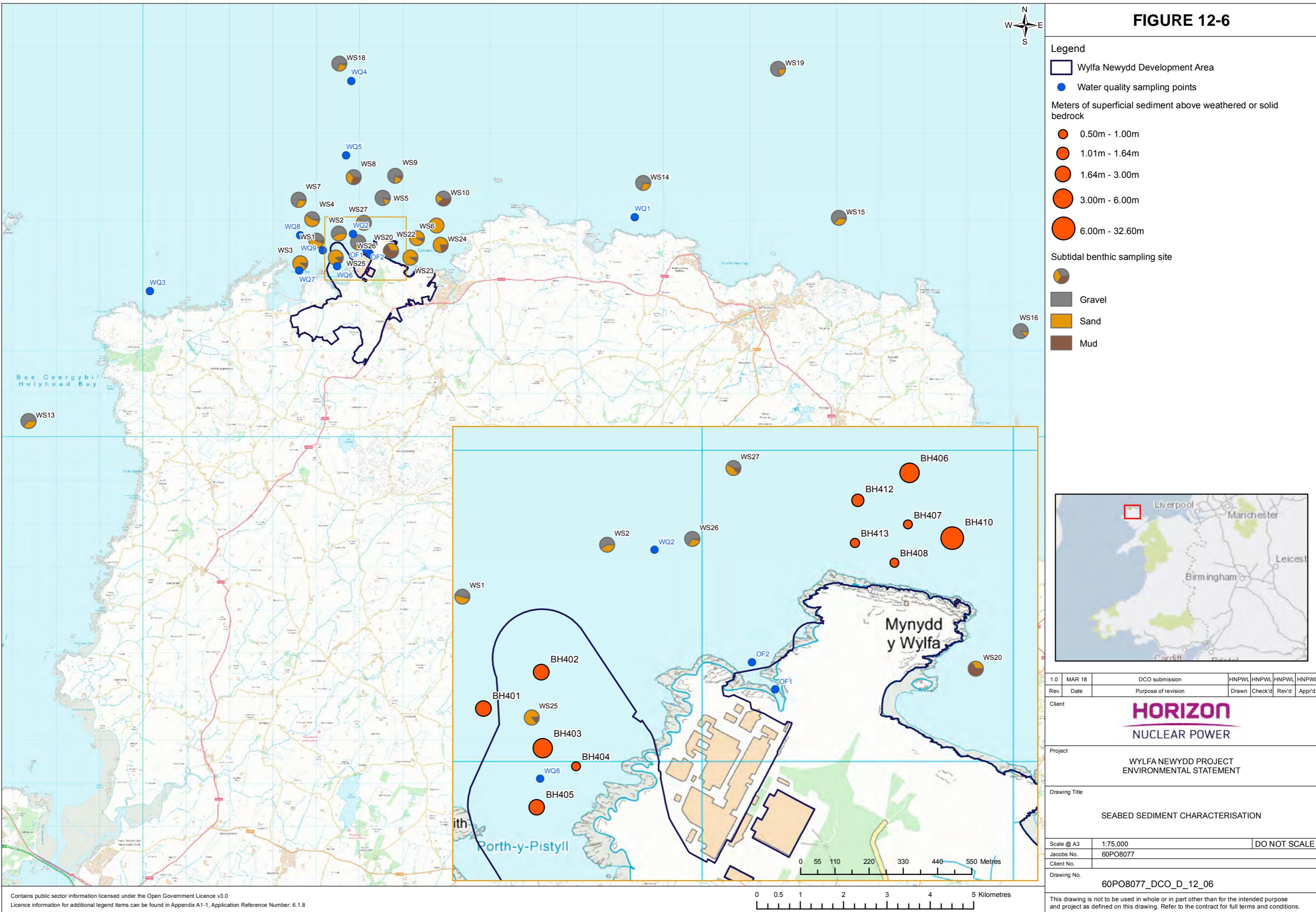
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
TIDAL CURRENTS: DIRECTION AND VELOCITY						
Scale @ A3	1:34,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_D_12_04					

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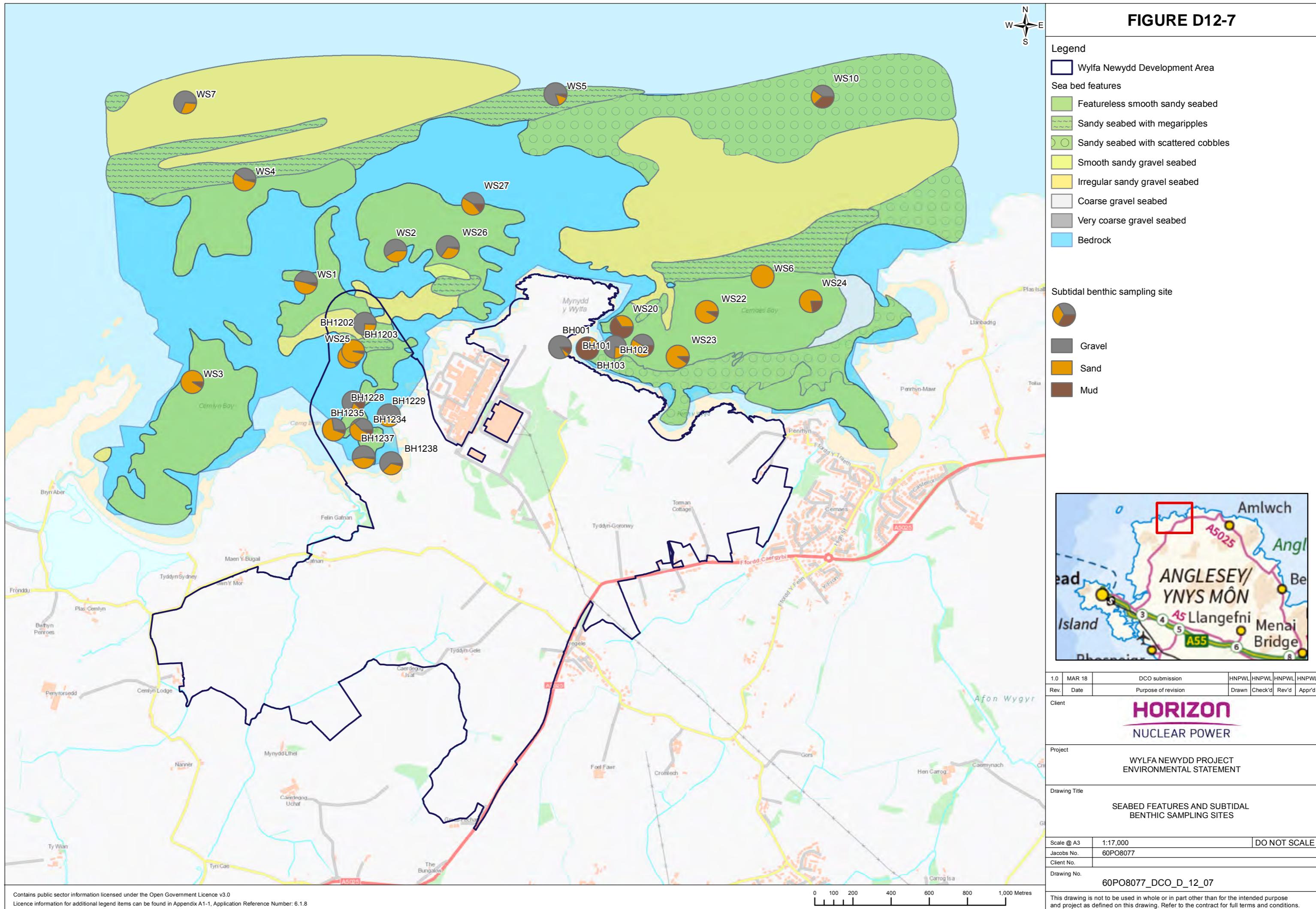
**FIGURE D12-5**



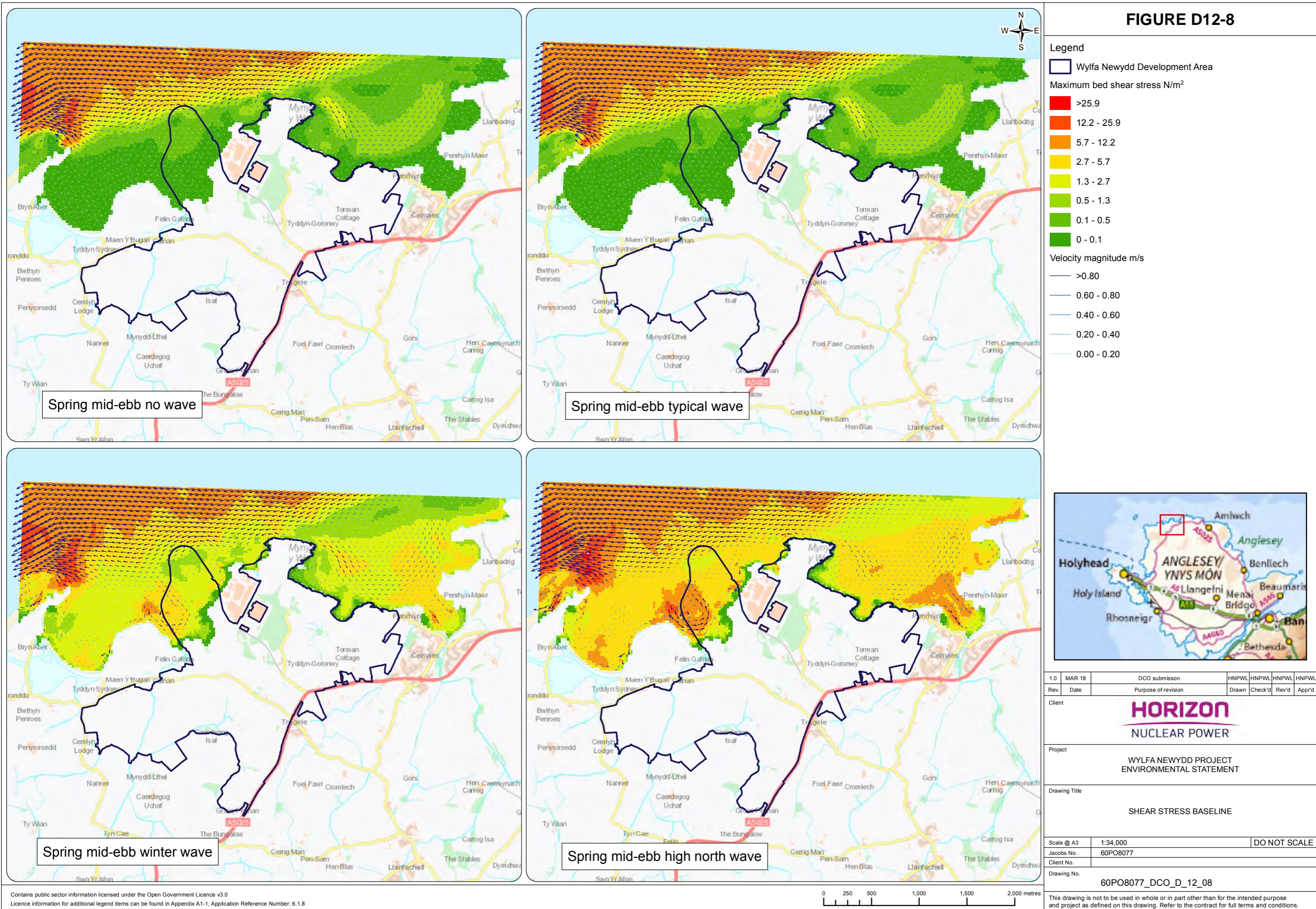
**FIGURE 12-6**



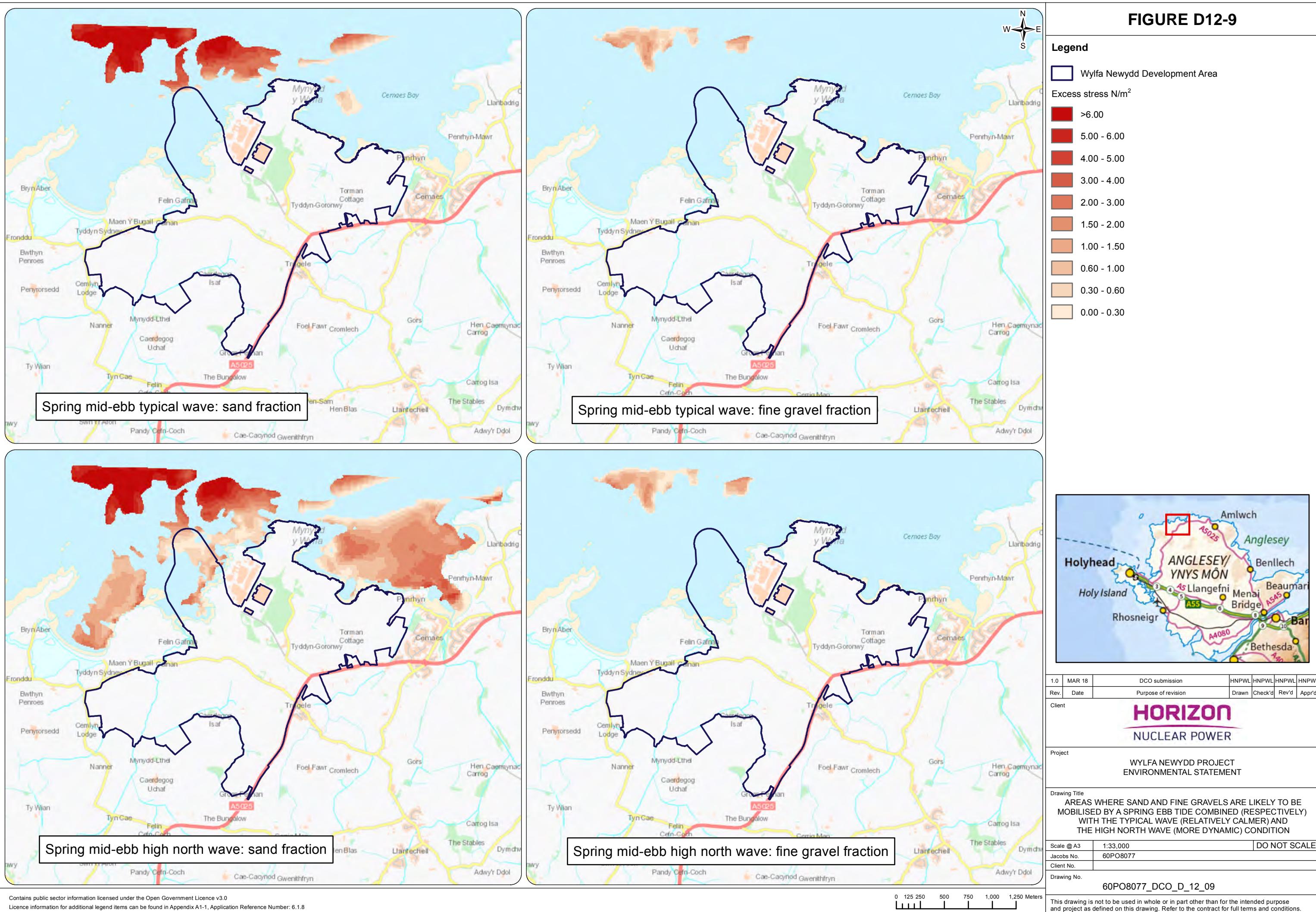
**FIGURE D12-7**



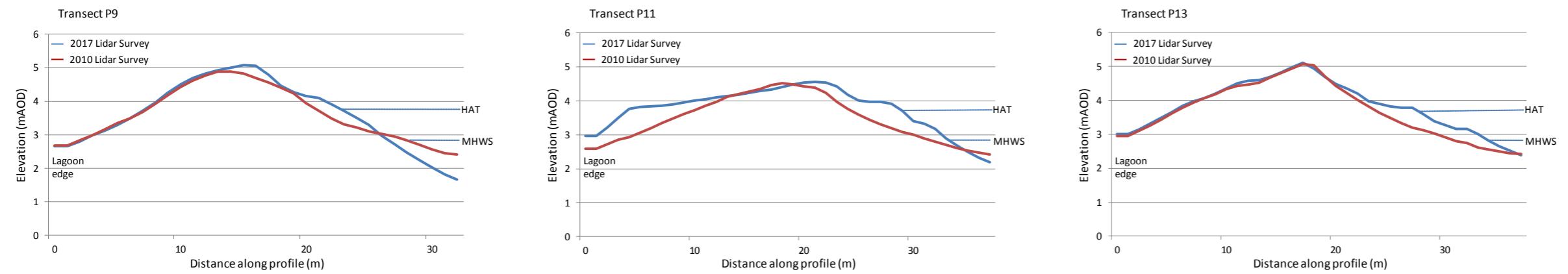
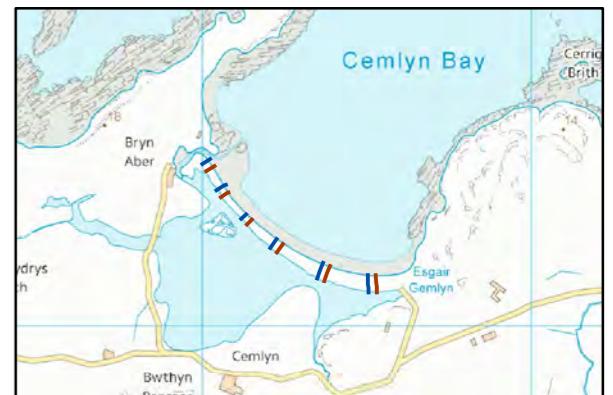
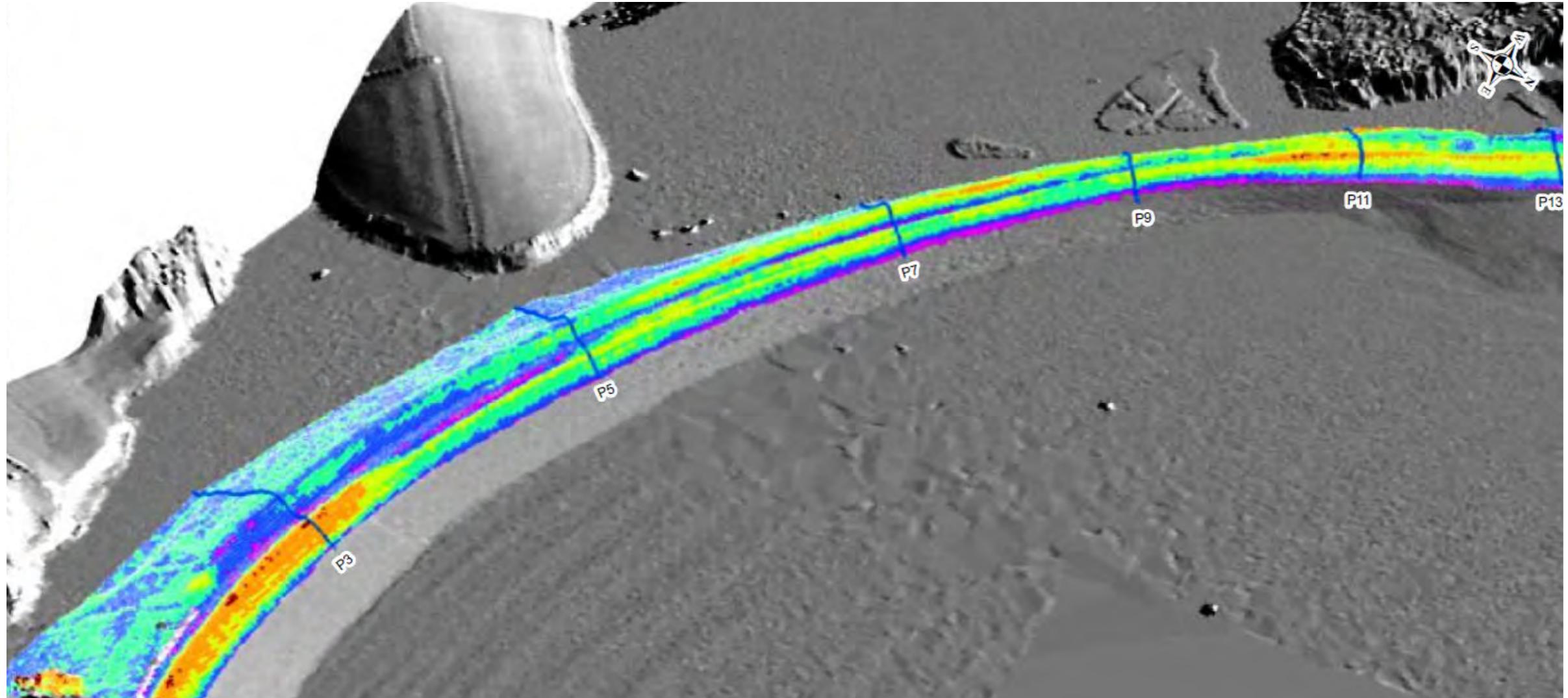
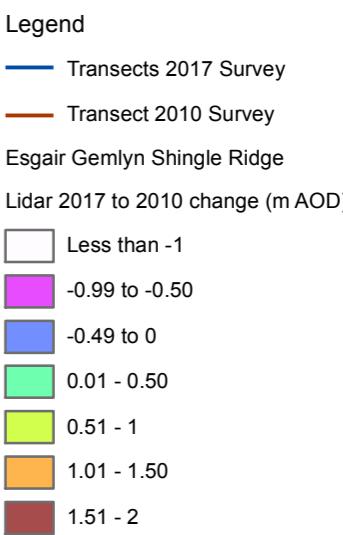
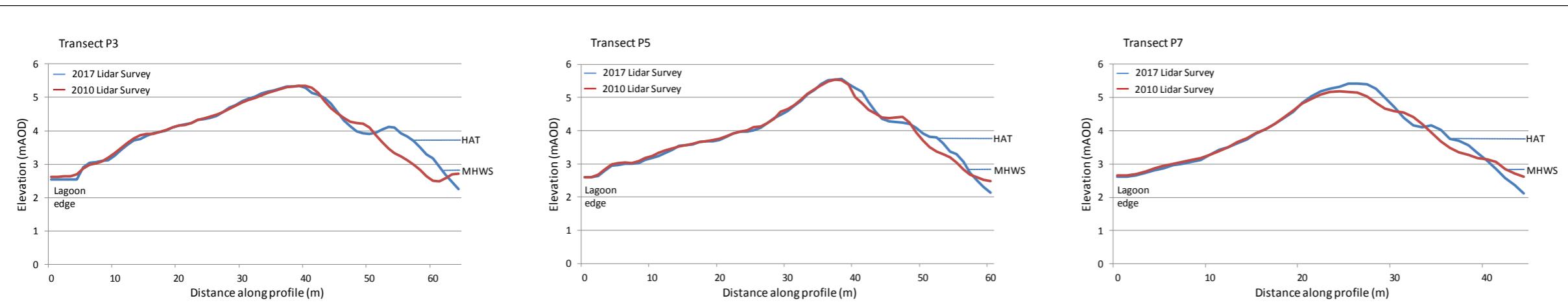
**FIGURE D12-8**



**FIGURE D12-9**

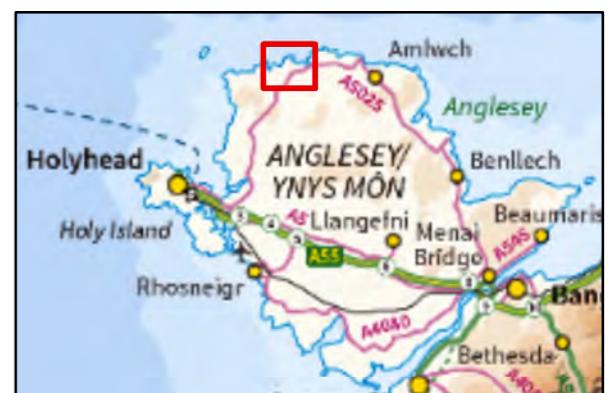
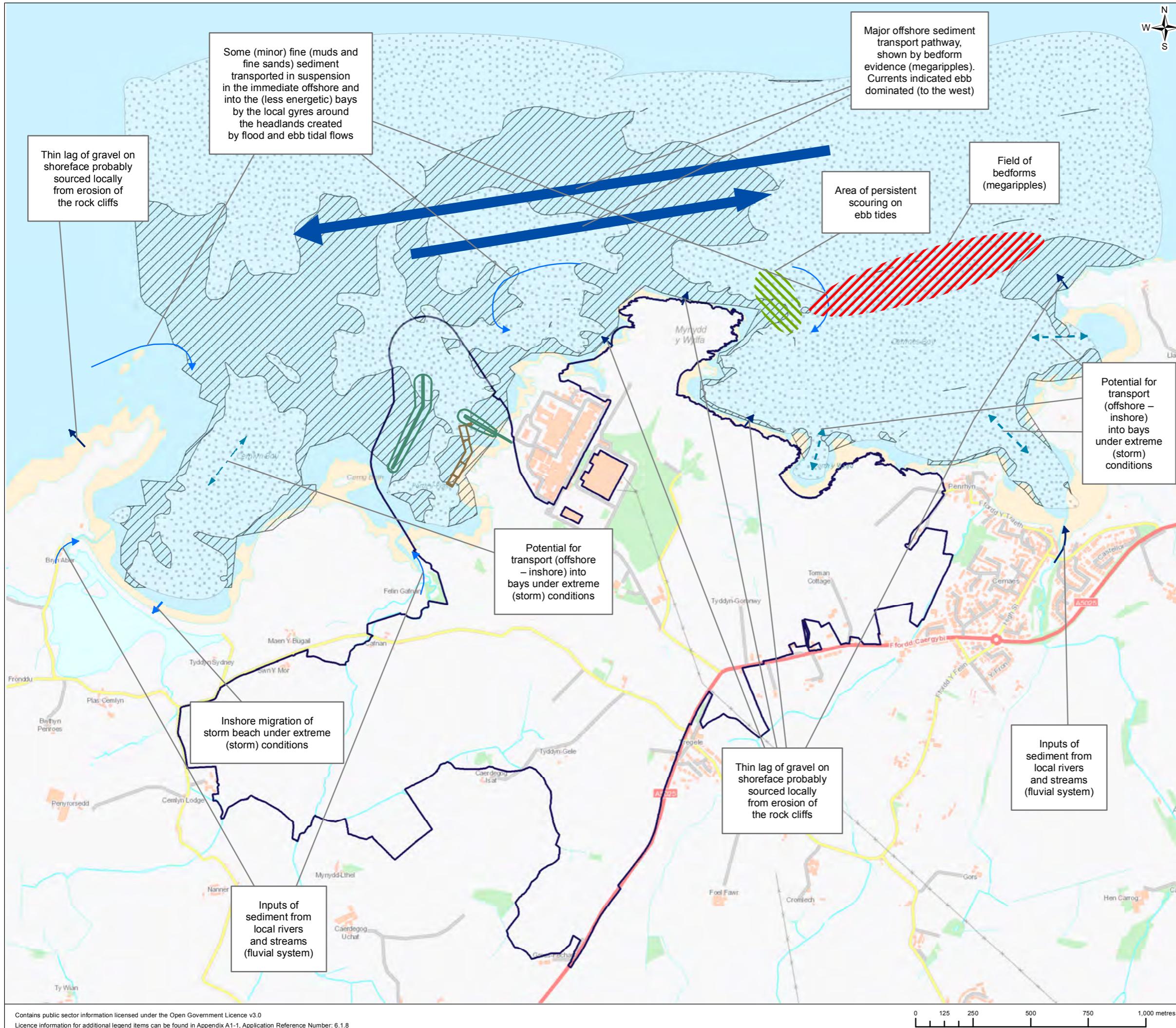


**FIGURE D12-10**



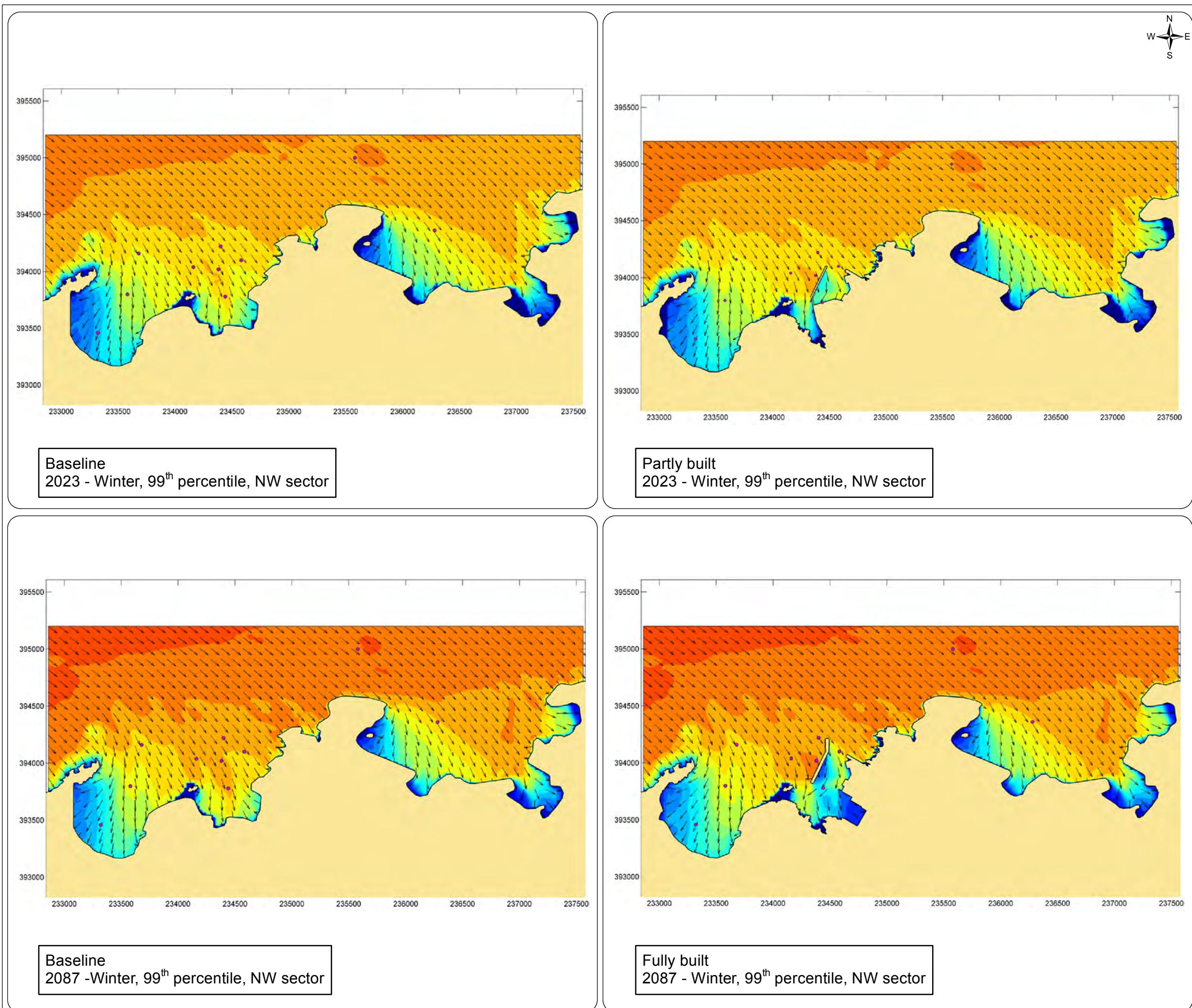
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
CEMLYN BAY, ESGAIR GEMLYN LiDAR TRANSECTS AND CROSS PROFILES						
Scale @ A3	1:2,535	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_D_12_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 D12-11



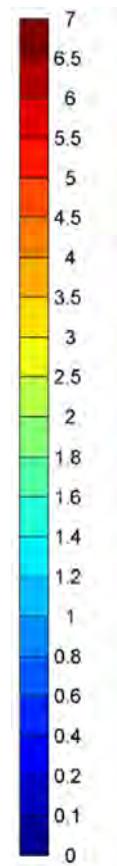
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
CONCEPTUAL DIAGRAM OF BASELINE SEDIMENT REGIME						
Scale @ A3	1:16,000	DO NOT SCALE				
Jacobs No.	60P08077					
Client No.						
Drawing No.	60P08077_DCO_D_12_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 D12-12**



**Legend**

Wave height (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

Project  
WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title

COMPARISM OF WAVE HEIGHTS  
(BASELINE, PARTLY AND FULLY BUILT SCENARIOS)

Scale @ A3 1:34,000 DO NOT SCALE

Jacobs No. 60PO8077

Client No.

Drawing No.

60PO8077\_DCO\_D\_12\_12

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**FIGURE D12-13**

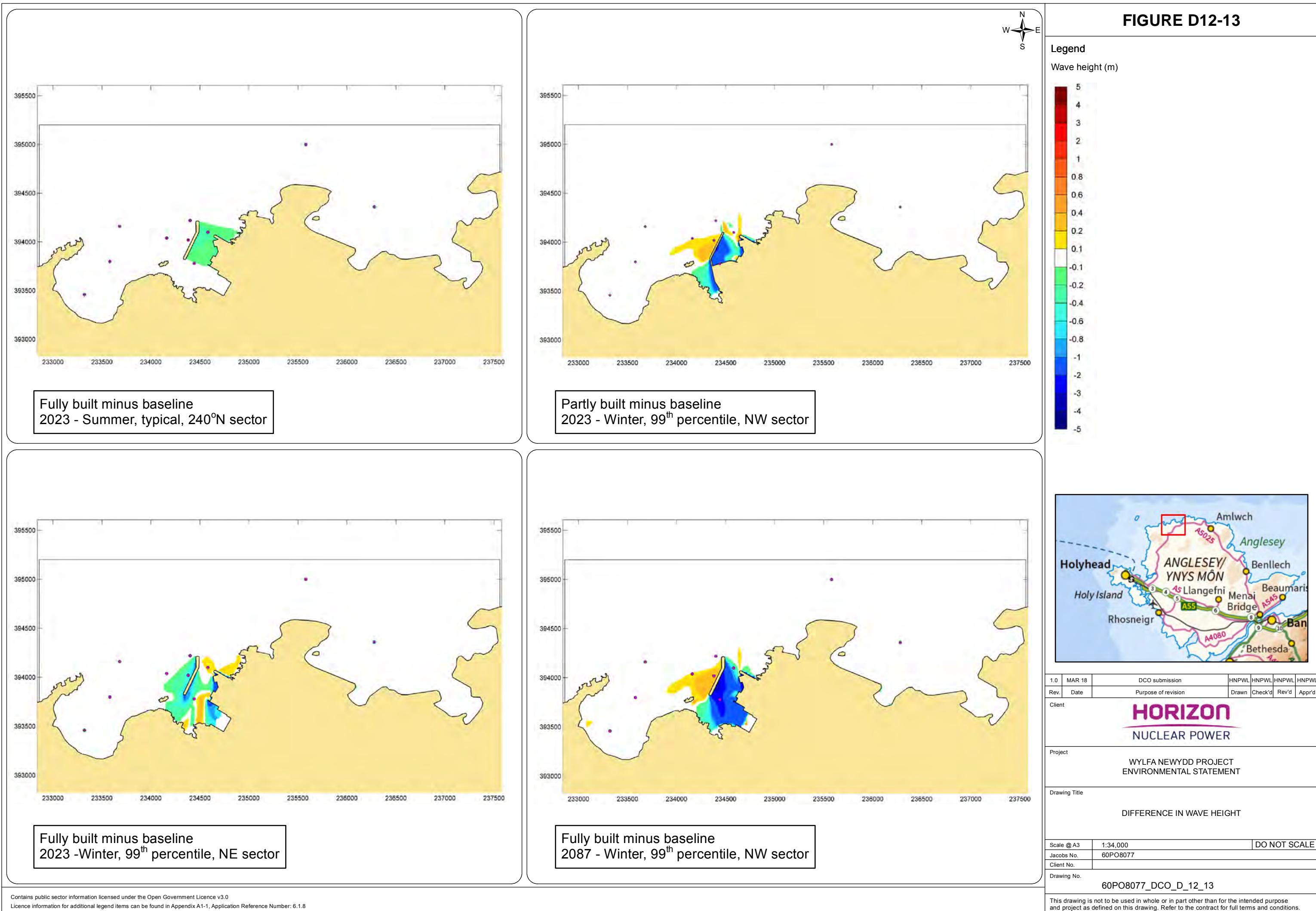
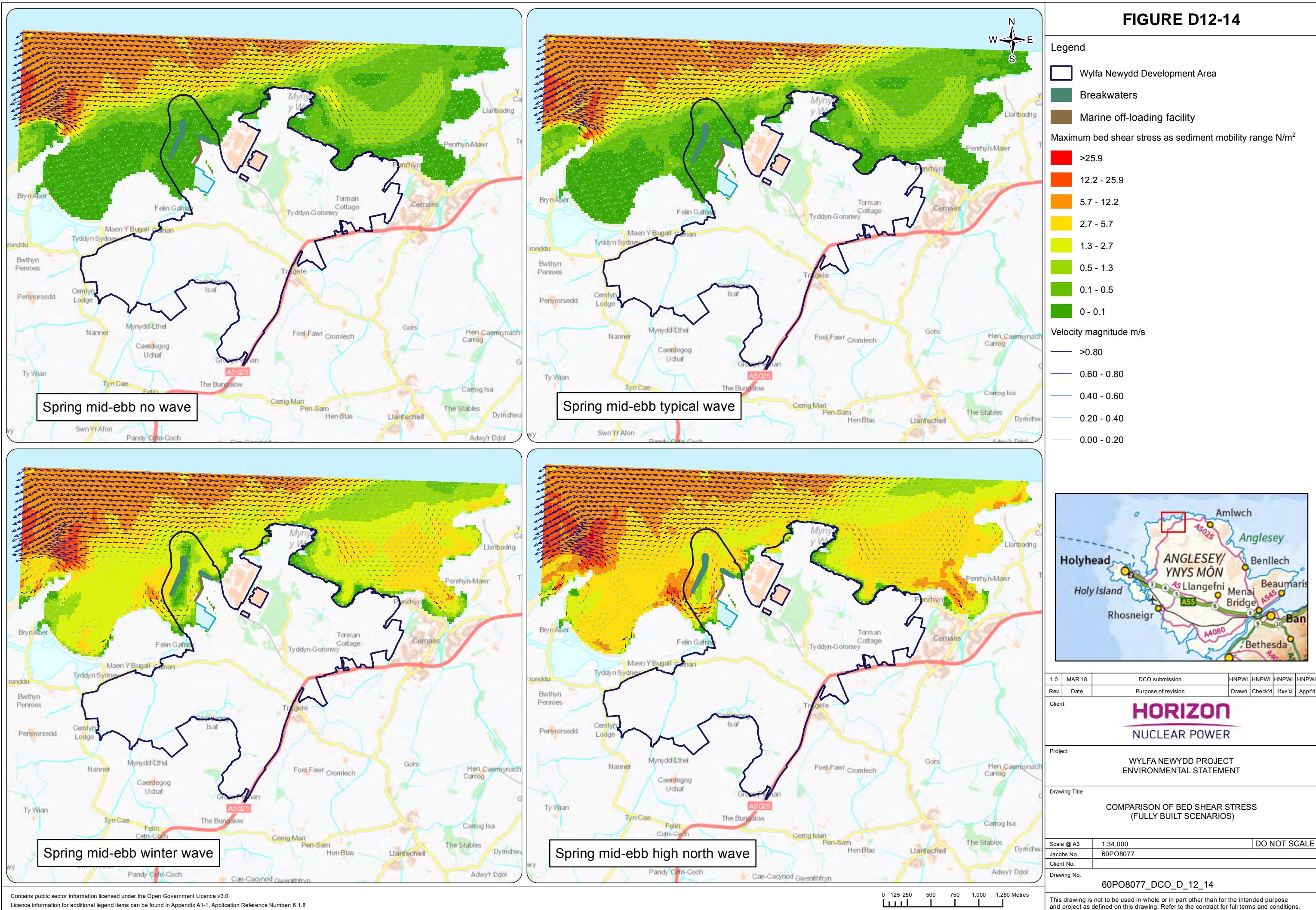
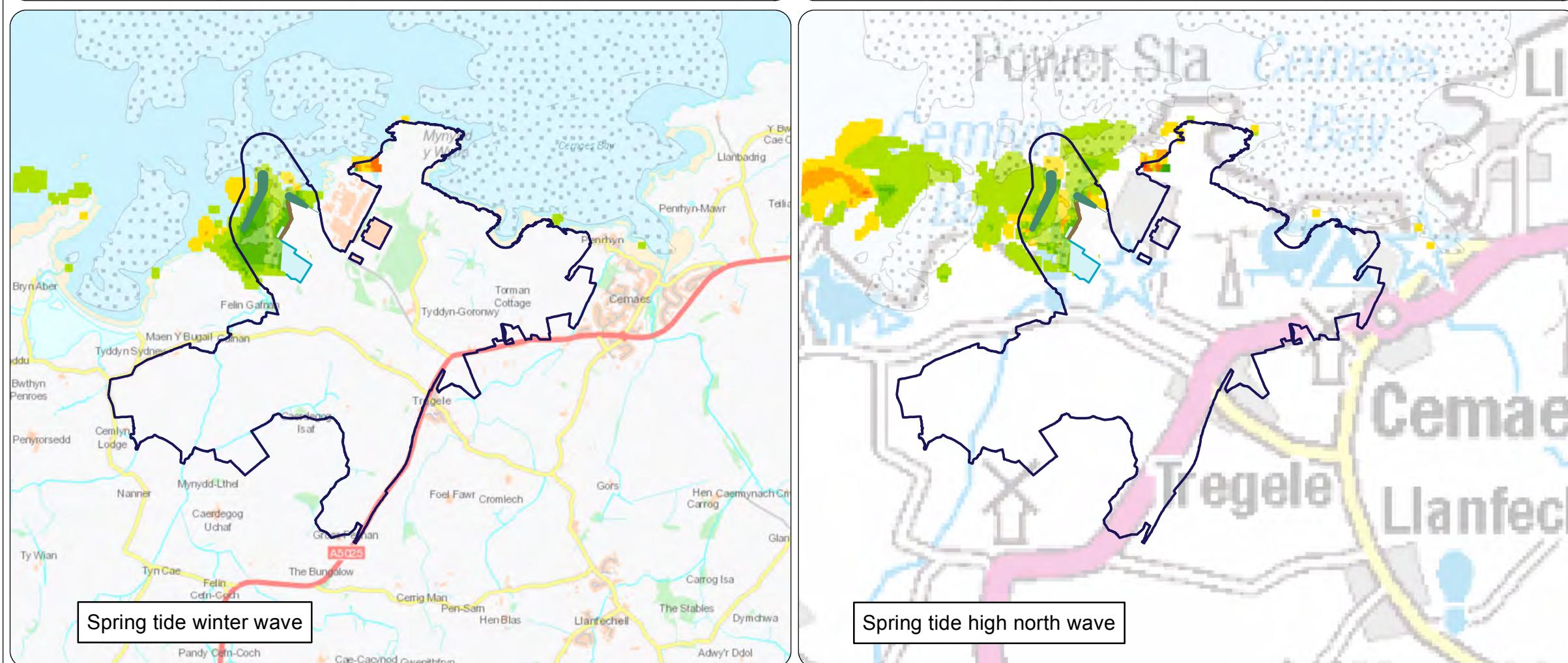
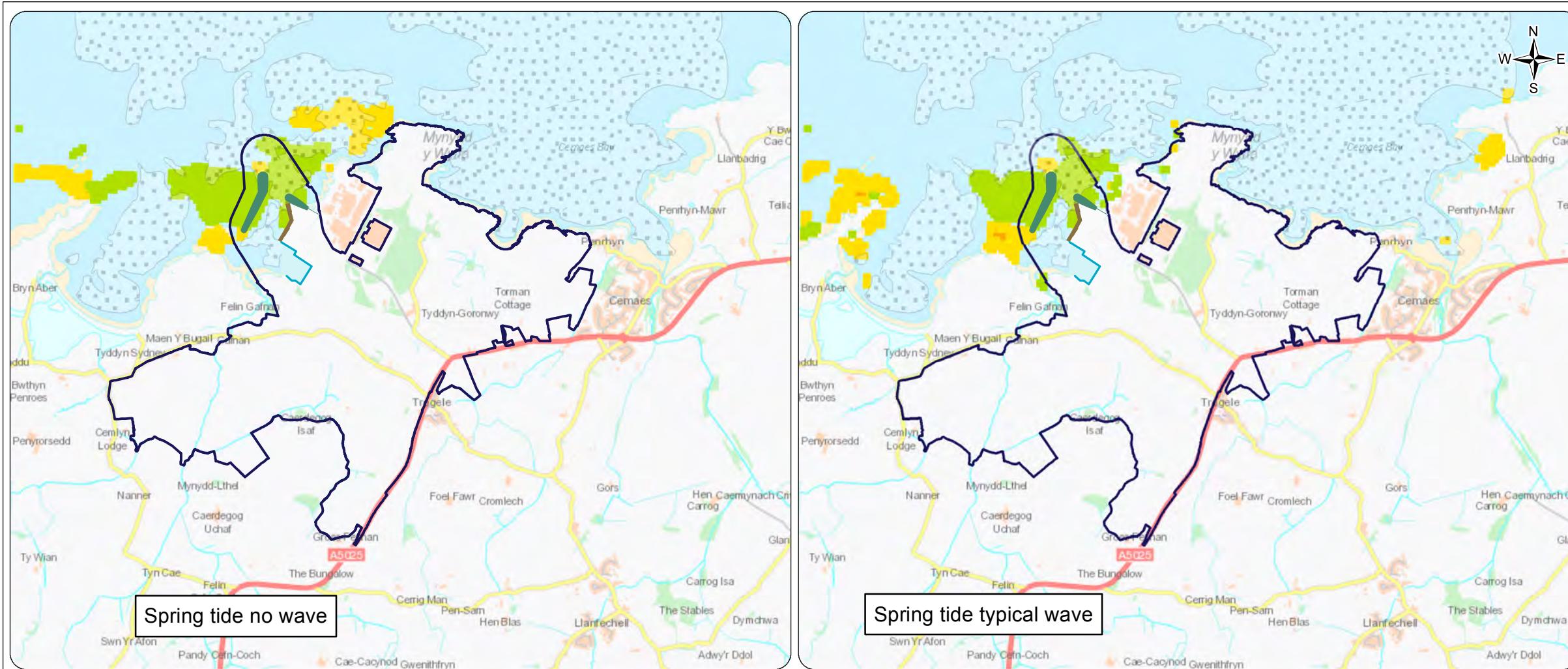


FIGURE D12-14



## FIGURE D12-15



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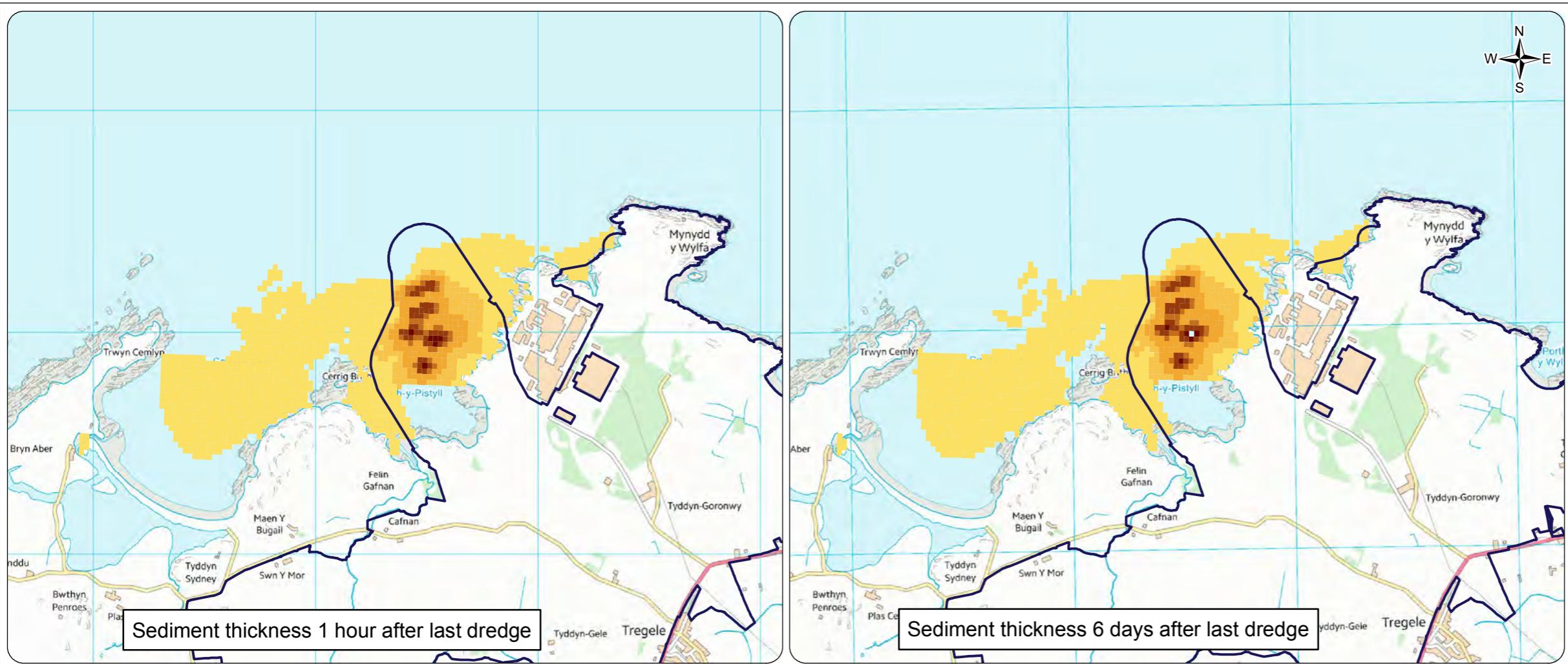
0 125 250 500 750 1,000 1,250 Metres

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.



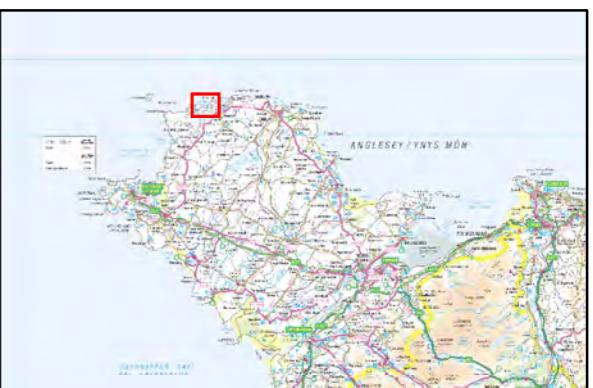
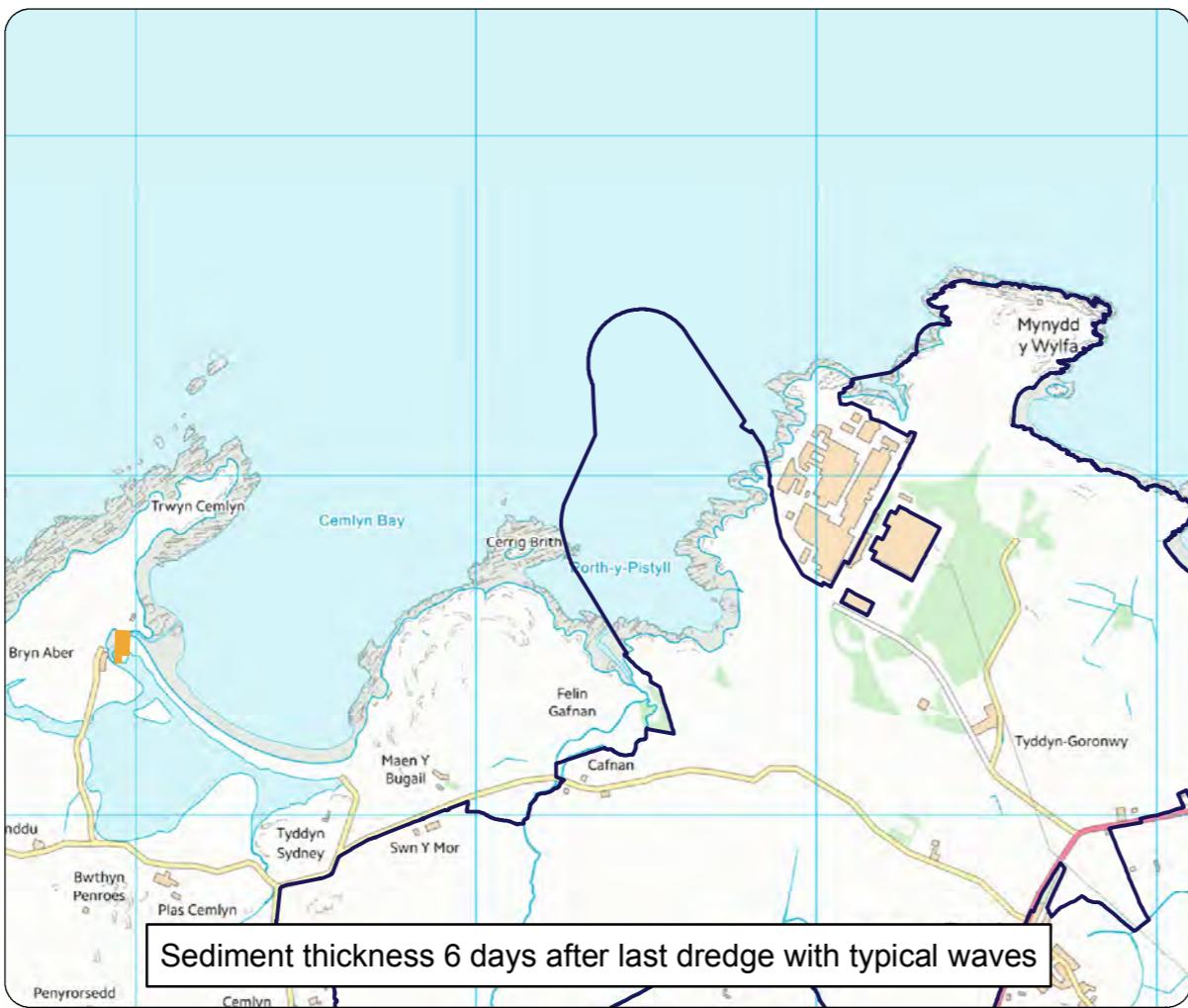
I.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
Client						
 <p><b>HORIZON</b> NUCLEAR POWER</p>						
Project						
<p style="text-align: center;"><b>WYLFA NEWYDD PROJECT</b> <b>ENVIRONMENTAL STATEMENT</b></p>						
Drawing Title						
<p style="text-align: center;"><b>DIFFERENCE IN MAXIMUM BED SHEAR STRESS (N/m<sup>2</sup>) (FULLY BUILT SCENARIO)</b></p>						
Scale @ A3	1:34,000			DO NOT SCALE		
Jacobs No.	60PO8077					
Client No.						
Drawing No.						

**FIGURE D12-16**



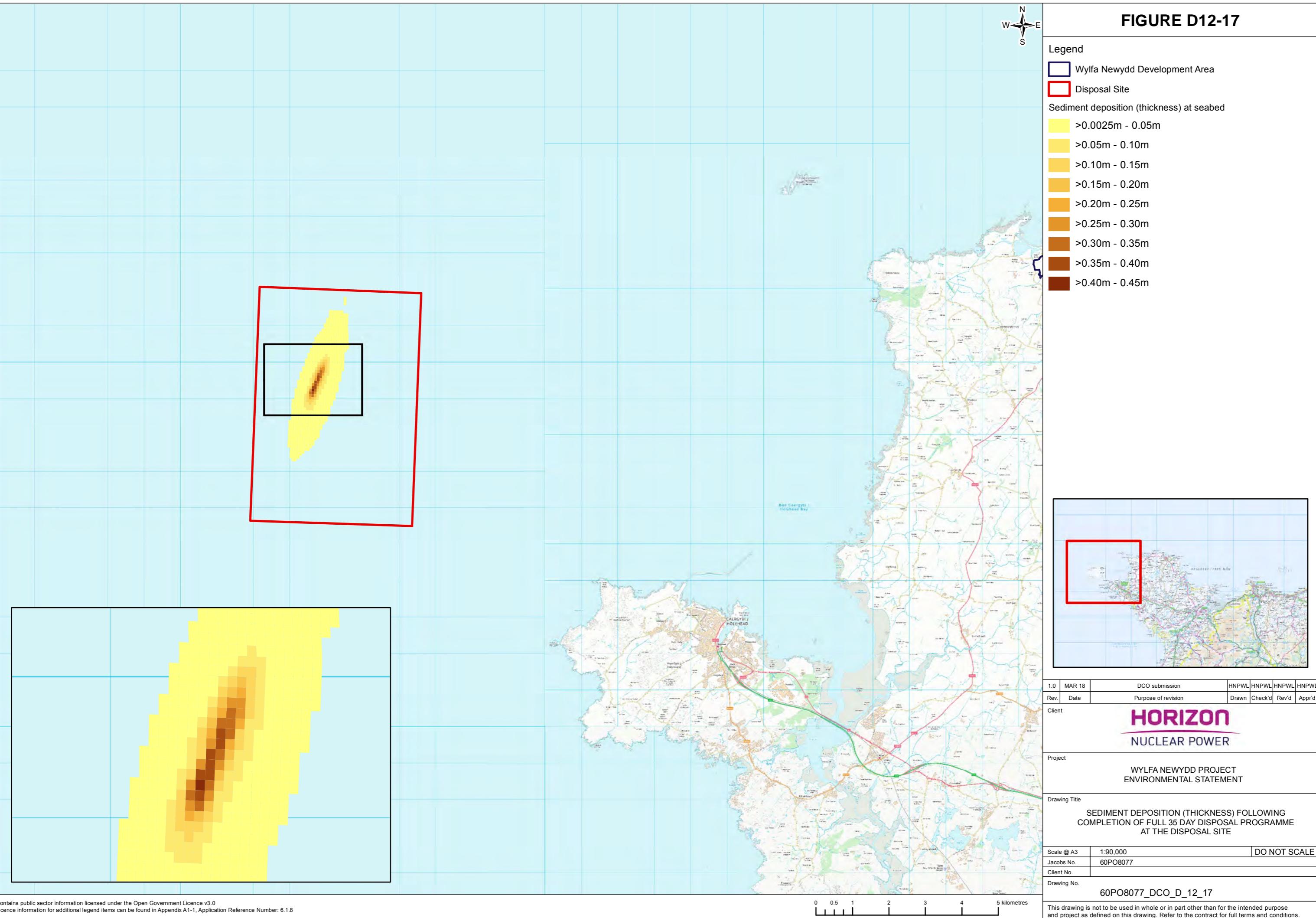
Legend

	Wylfa Newydd Development Area
	Total deposition (i.e. increase in thickness) assuming a continuous dredging programme (35 days)
>0.1cm - 0.5cm	
>0.5cm - 1cm	
>1cm - 5cm	
>5cm - 10cm	
>10cm - 50cm	
>50cm - 173cm	

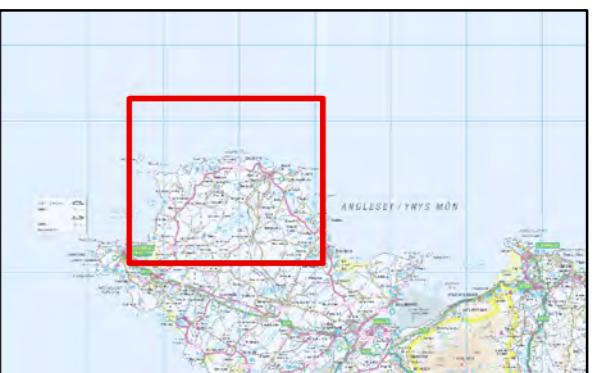
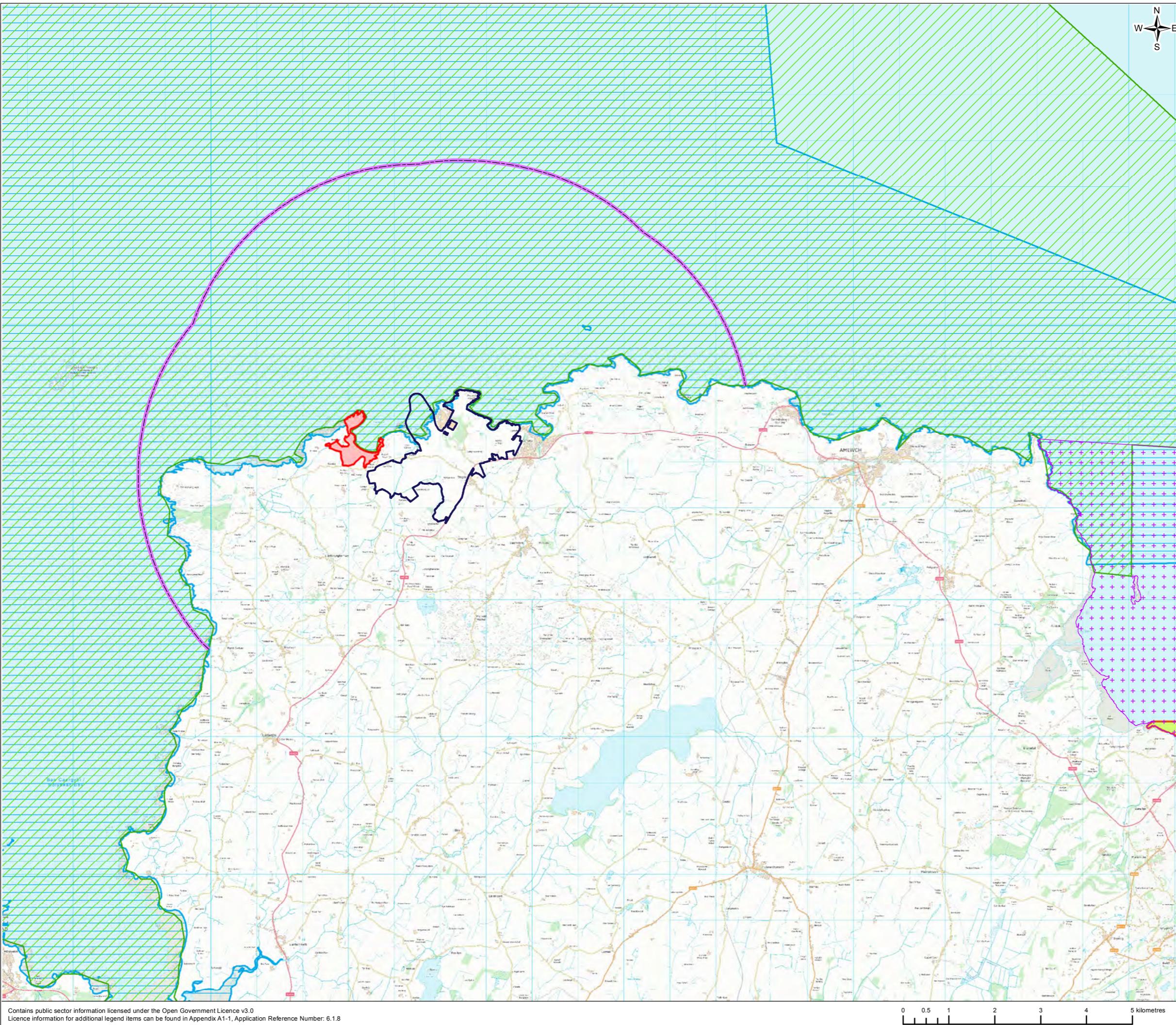


1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
MODELED SEDIMENT DEPOSITION FOLLOWING DREDGING ACTIVITIES						
Scale @ A3	1:22,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_D_12_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 D12-17**



**FIGURE D13-1**



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

DESIGNATED SITES OF NATIONAL/INTERNATIONAL  
IMPORTANCE FOR NATURE CONSERVATION IN RELATION  
TO THE WYLFA NEWYDD DEVELOPMENT AREA

Scale @ A3	1:80,000	DO NOT SCALE
------------	----------	--------------

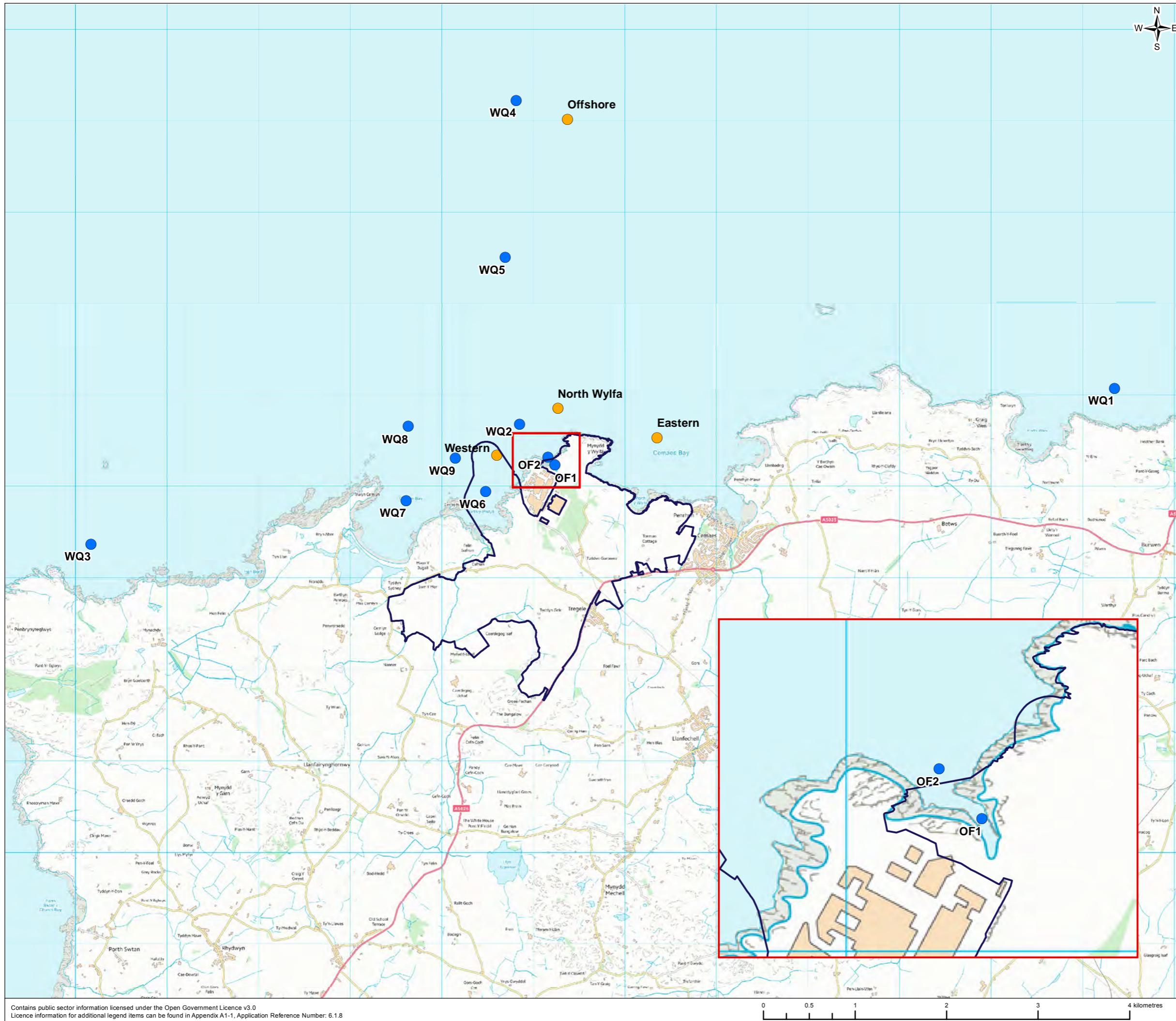
Jacobs No.	60PO8077	
------------	----------	--

Client No.		
------------	--	--

Drawing No.	60PO8077_DCO_D_13_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 D13-2**



**Legend**

- Wylfa Newydd Development Area
- Water quality, phytoplankton and zooplankton sampling sites
- Fixed moorings

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

**Client**

**Project**

**Drawing Title**

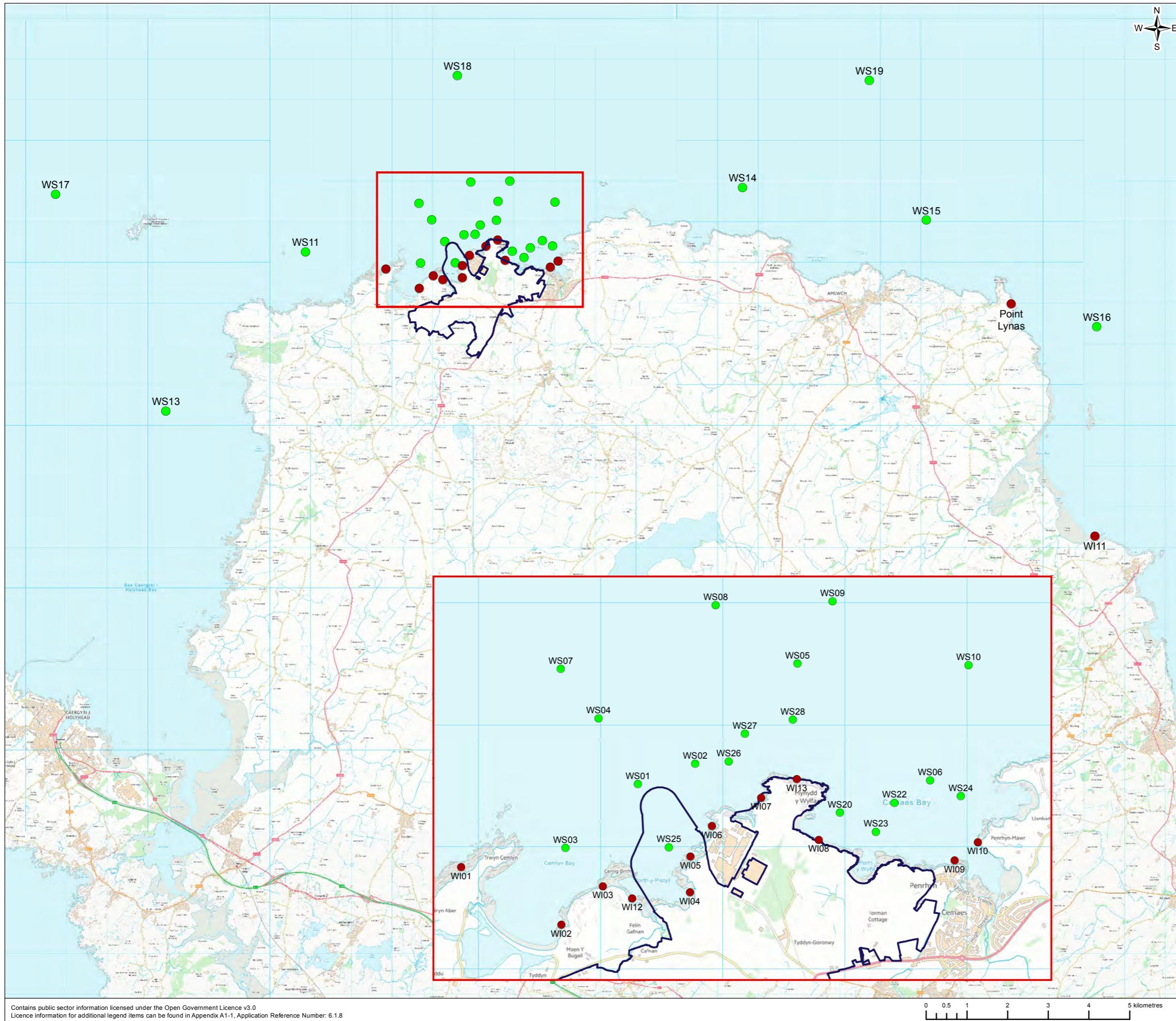
**HORIZON**  
NUCLEAR POWER

**WYLFA NEWYDD PROJECT**  
ENVIRONMENTAL STATEMENT

**WATER QUALITY, PHYTOPLANKTON AND**  
ZOOPLANKTON SAMPLING SITES

Scale @ A3 1:40,000 DO NOT SCALE  
 Jacobs No. 60PO8077  
 Client No.  
 Drawing No. 60PO8077\_DCO\_D\_13\_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 D13-4

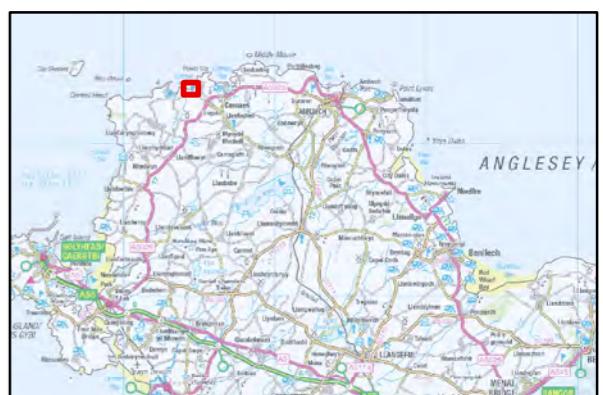
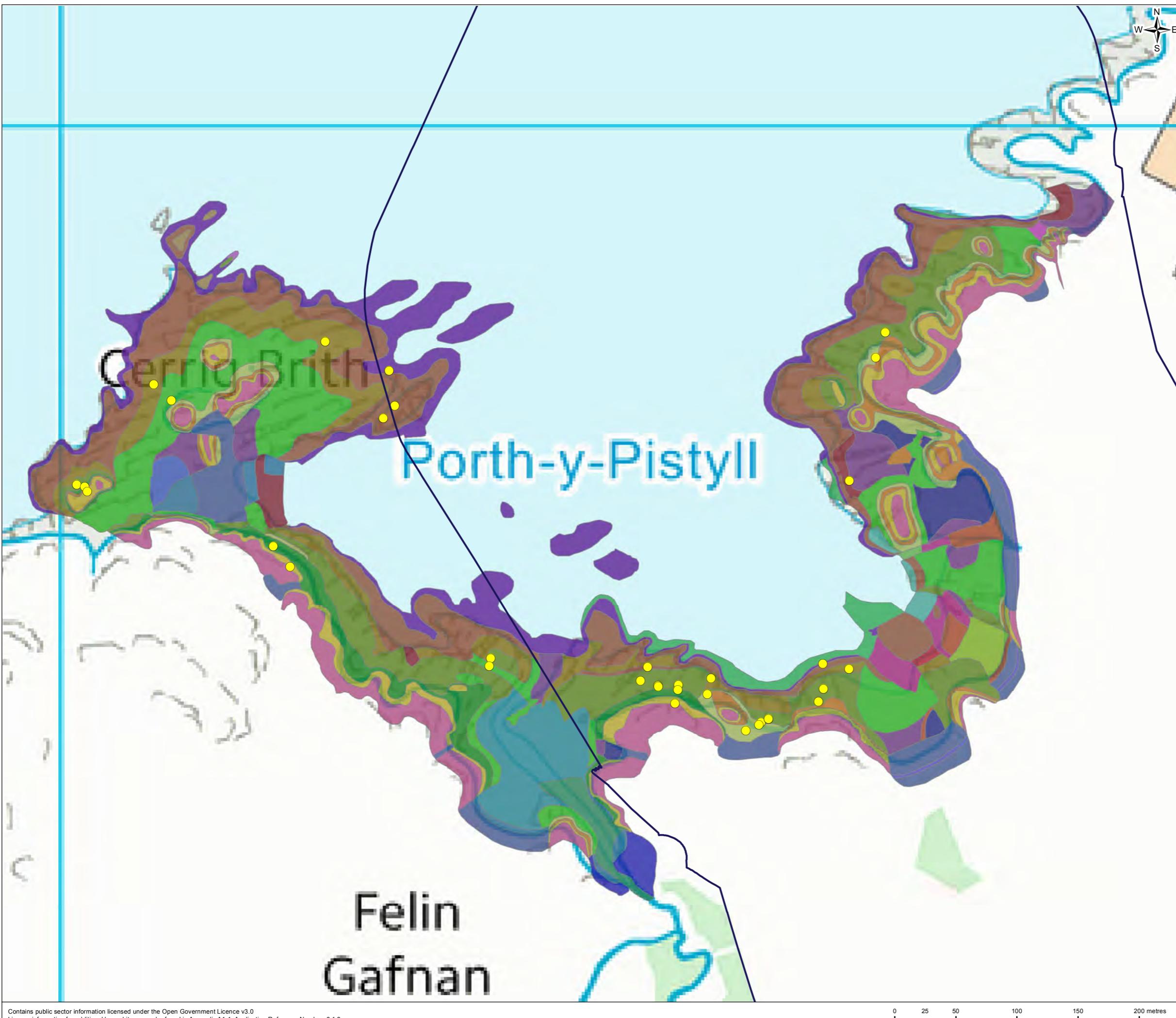
## Legend

- Wylfa Newydd Development Area
  - Intertidal benthic sites
  - Subtidal benthic sites



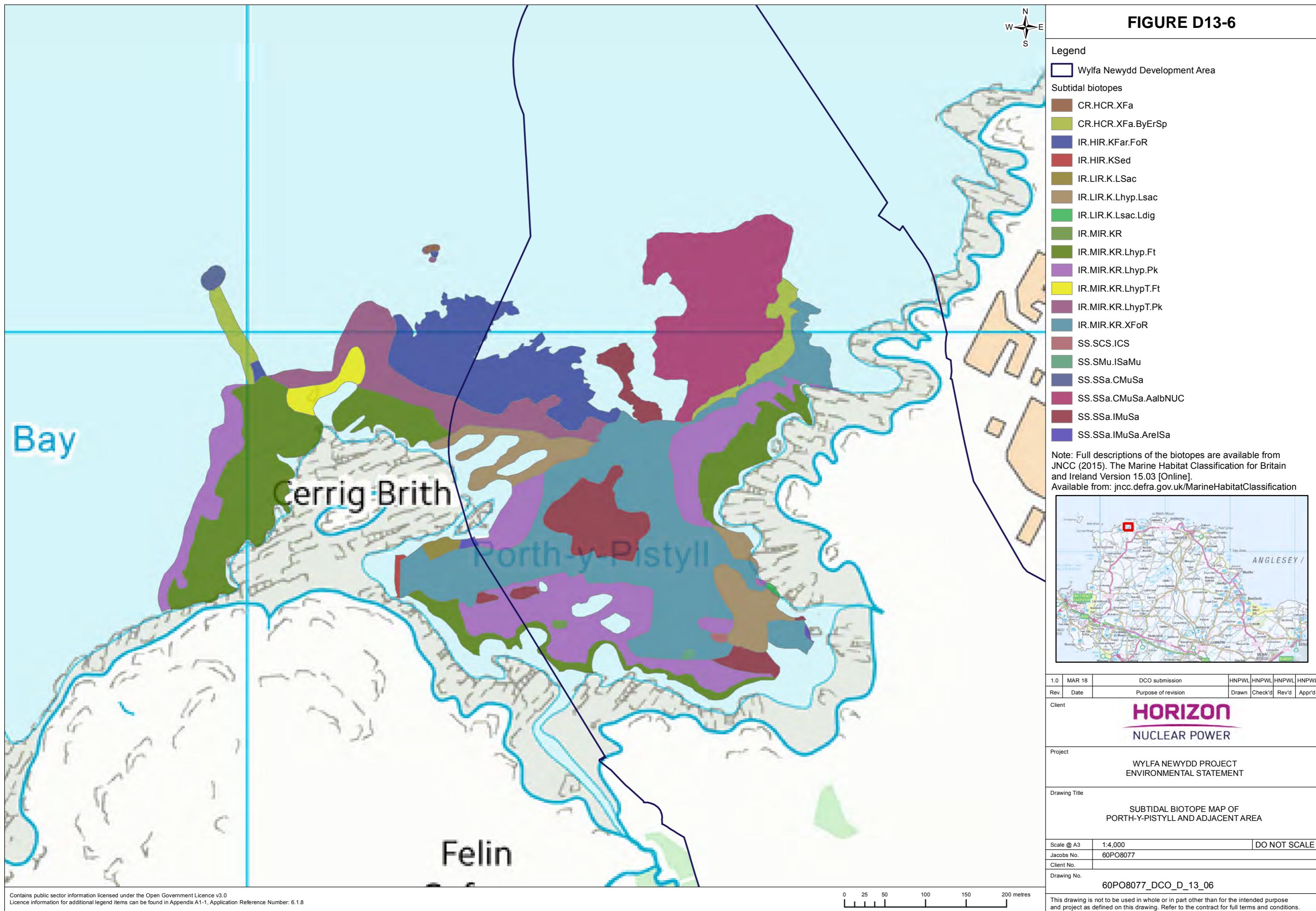
0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
ev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
client						
 <p><b>HORIZON</b> NUCLEAR POWER</p>						
project						
<p style="text-align: center;"><b>WYLOFA NEWYDD PROJECT</b> <b>ENVIRONMENTAL STATEMENT</b></p>						
drawing Title						
<p style="text-align: center;"><b>SEDIMENT QUALITY AND BENTHIC ECOLOGY</b> <b>SAMPLING SITES</b></p>						
scale @ A3	1:90,000			DO NOT SCALE		
jacobs No.	60PO8077					
lient No.						
rawing No.	<u>60PO8077_DCO_D_13_04</u>					
<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 D13-5**

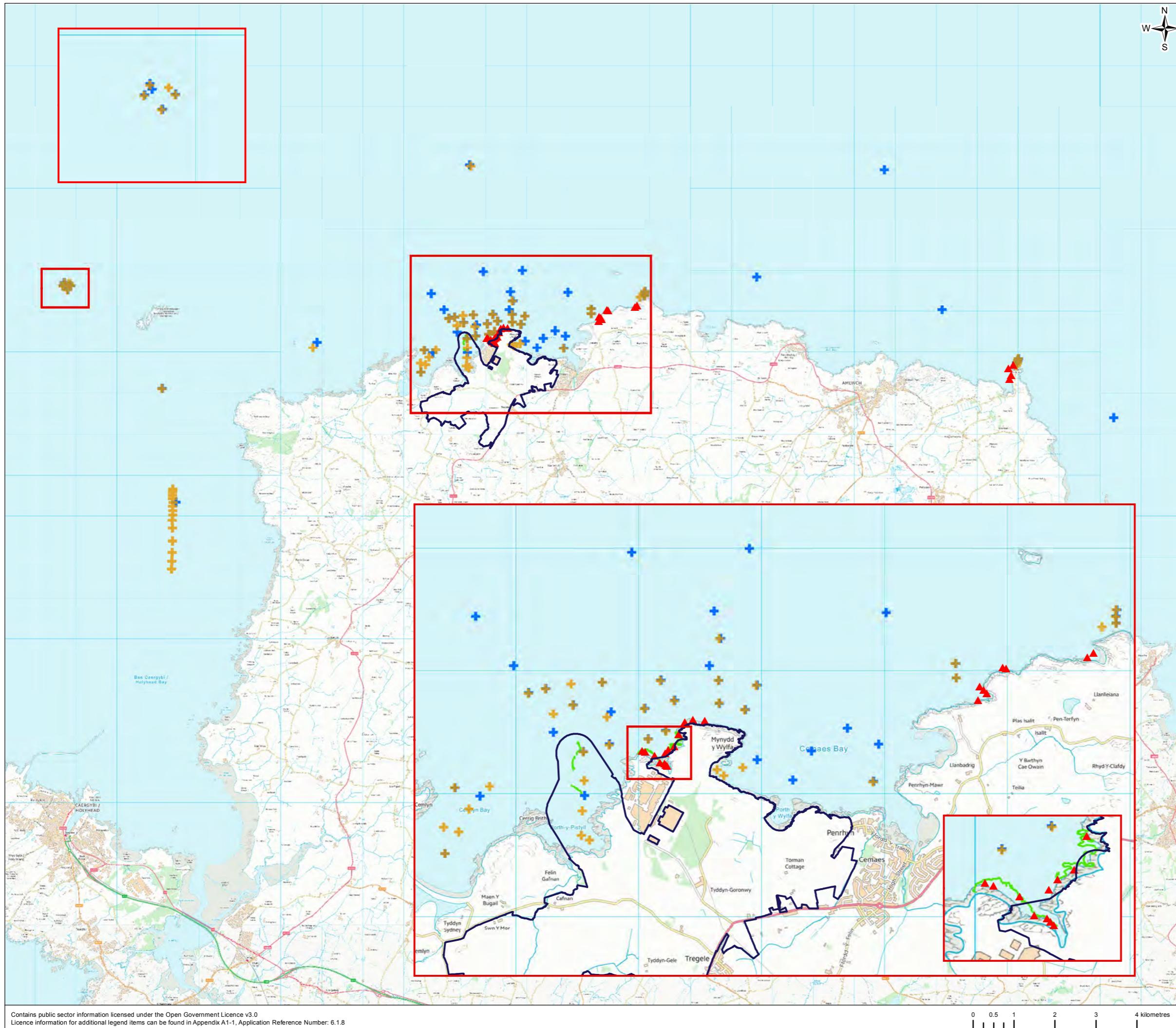


1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
INTERTIDAL BIOTOPES MAP OF PORTH-Y-PISTYLL AND ADJACENT AREAS						
Scale @ A3	1:3,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_D_13_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 D13-6**



**FIGURE D13-7**



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						
DROP DOWN CAMERA AND DIVING SURVEY SITES						
Scale @ A3	1:90,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_D_13_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 D13-9**

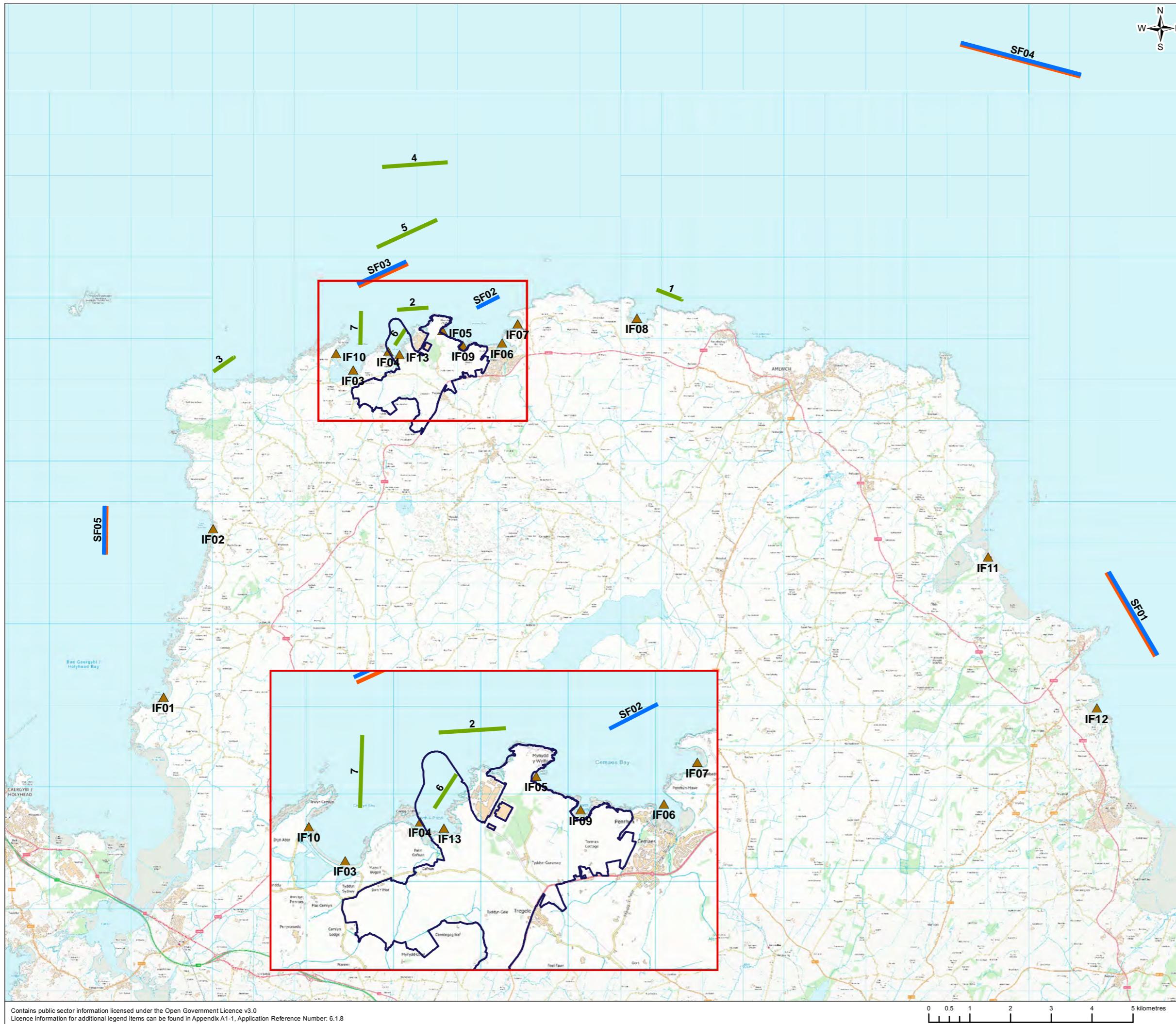


**Legend**

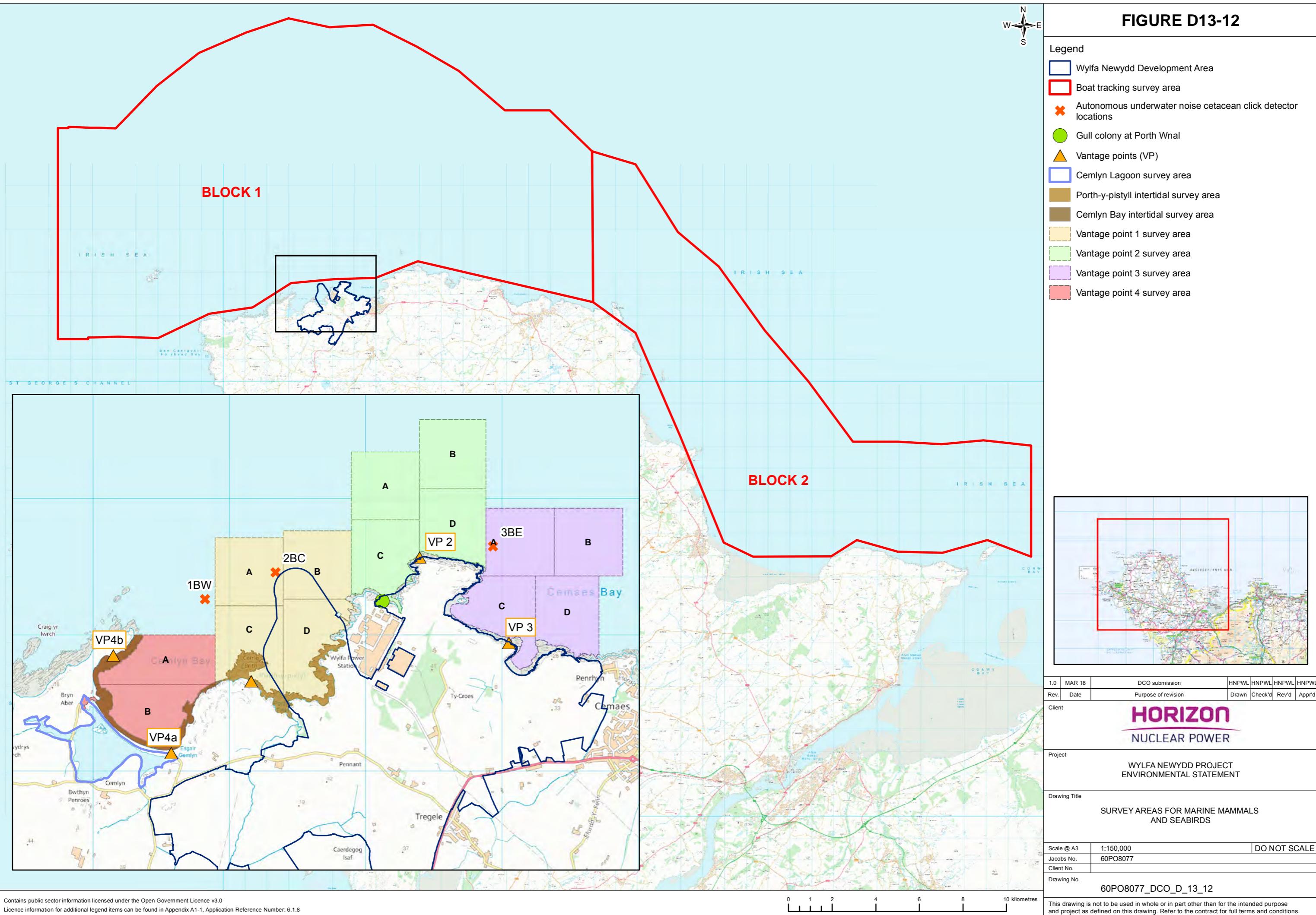
- Wylfa Newydd Development Area (Blue outline)
- Intertidal fish sites (Yellow triangle)
- Ichthyoplankton tows (Green line)
- Beam trawls (Blue line)
- Otter trawls (Red line)



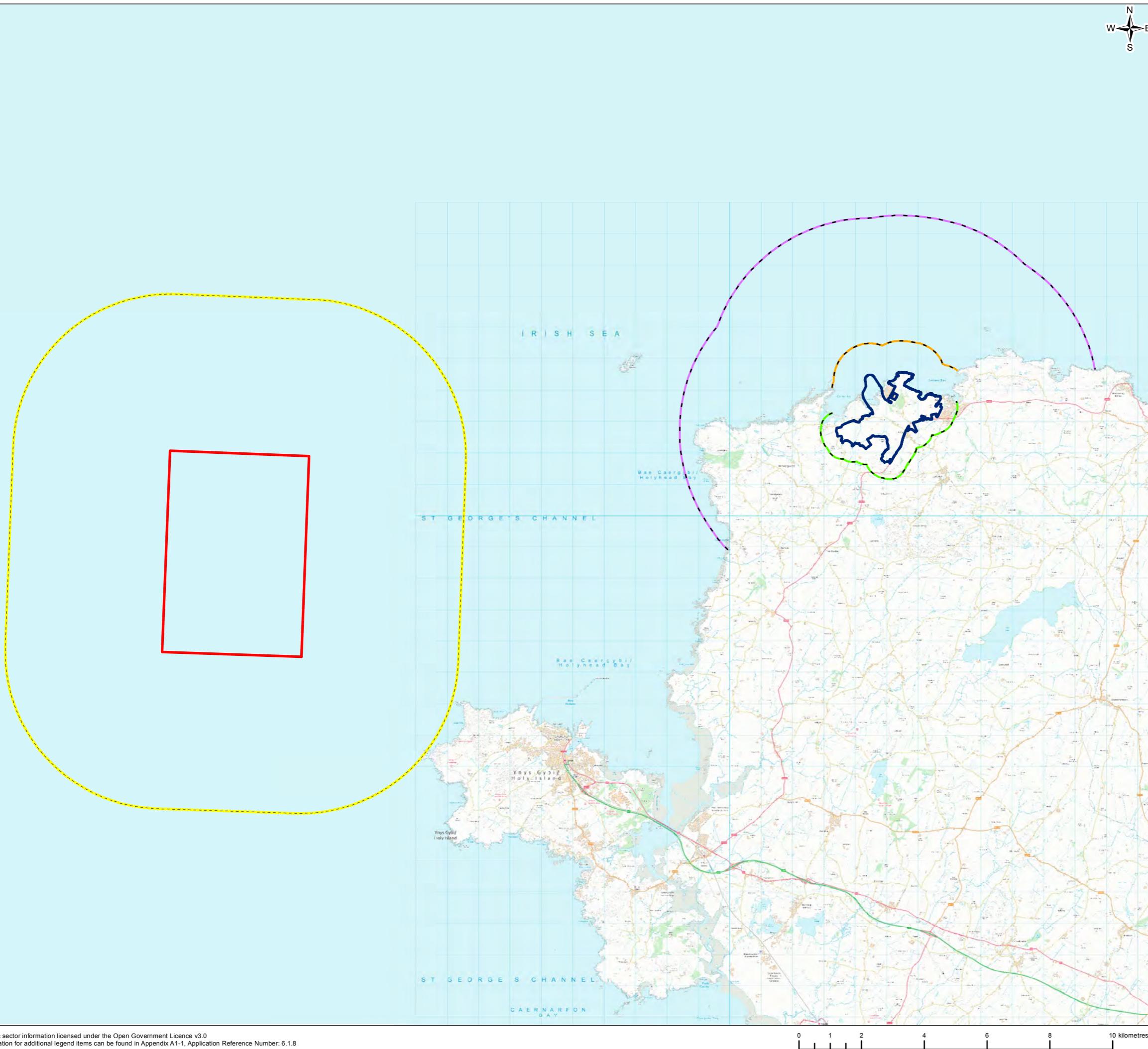
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
WYLFA NEWYDD PROJECT						
ENVIRONMENTAL STATEMENT						
Drawing Title						
INTERTIDAL AND SUBTIDAL FISH AND ICHTHYOPLANKTON SAMPLING SITES						
Scale @ A3	1:90,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_D_13_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 D13-12**



**FIGURE D13-16**



**Legend**

- Wylfa Newydd Development Area
- Disposal Site
- Potential for worst case combined water quality effects (Disposal Site) (5km)
- Marine Zone of Influence for changes in visual disturbance (1000m)
- Potential for worst case combined water quality effects (Wylfa Newydd Development Area) (5km)
- Terrestrial Zone of Influence for changes in visual disturbance (500m)



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

**HORIZON**

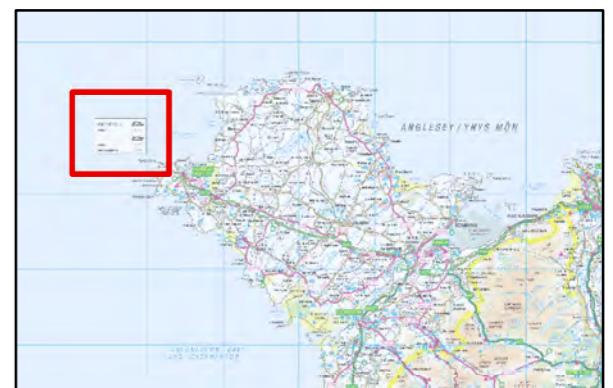
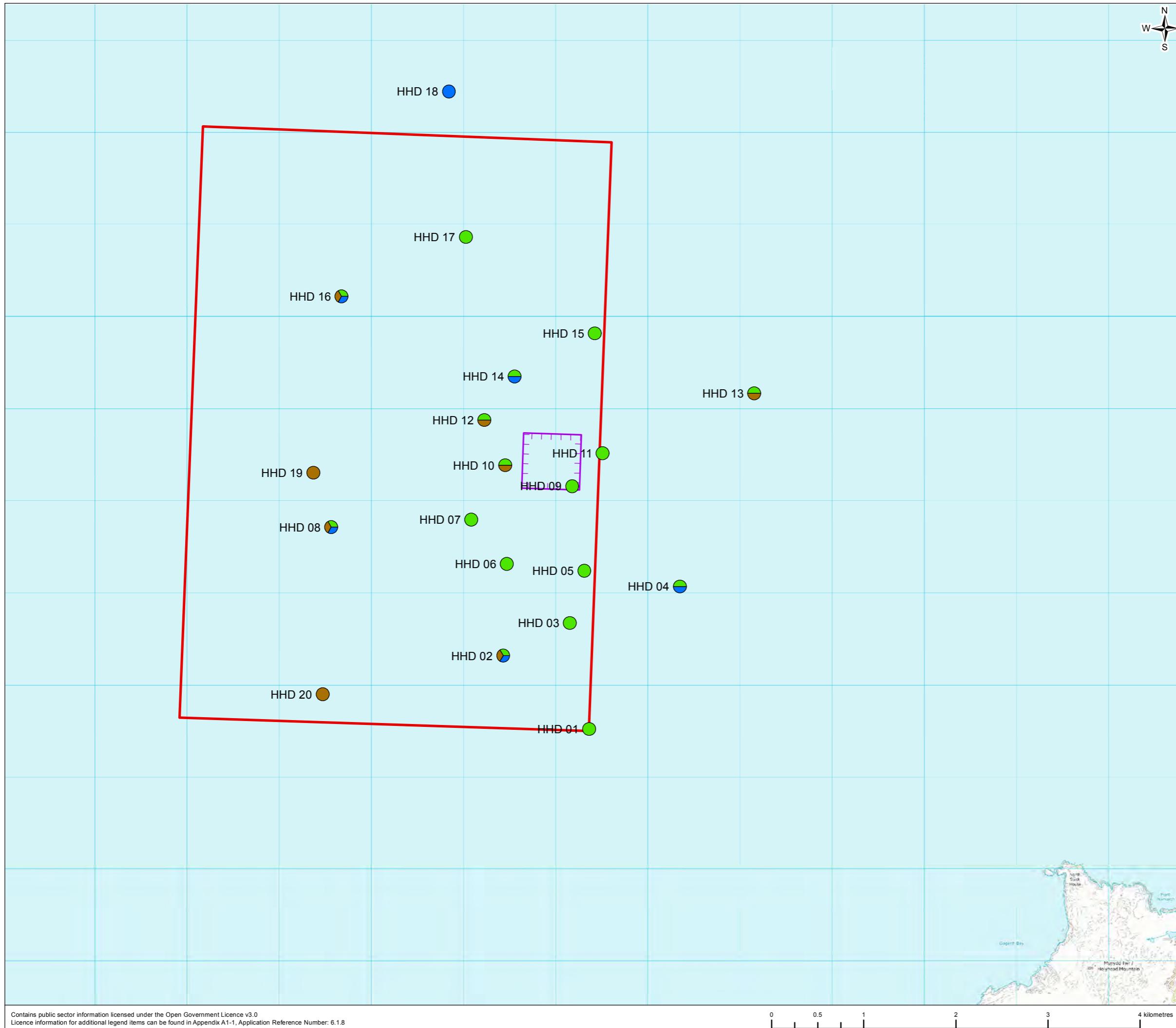
NUCLEAR POWER

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title		RELEVANT ZONES OF INFLUENCE FOR SEABIRDS AROUND THE WYLFA NEWYDD DEVELOPMENT AREA AND THE DISPOSAL SITE				
Scale @ A3	1:120,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_D_13_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 D13-20**



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

Project  
WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title  
ROCK DISPOSAL AREA AND BASELINE SURVEY SITES  
IN THE VICINITY OF THE DISPOSAL SITE

Scale @ A3 1:40,000 DO NOT SCALE

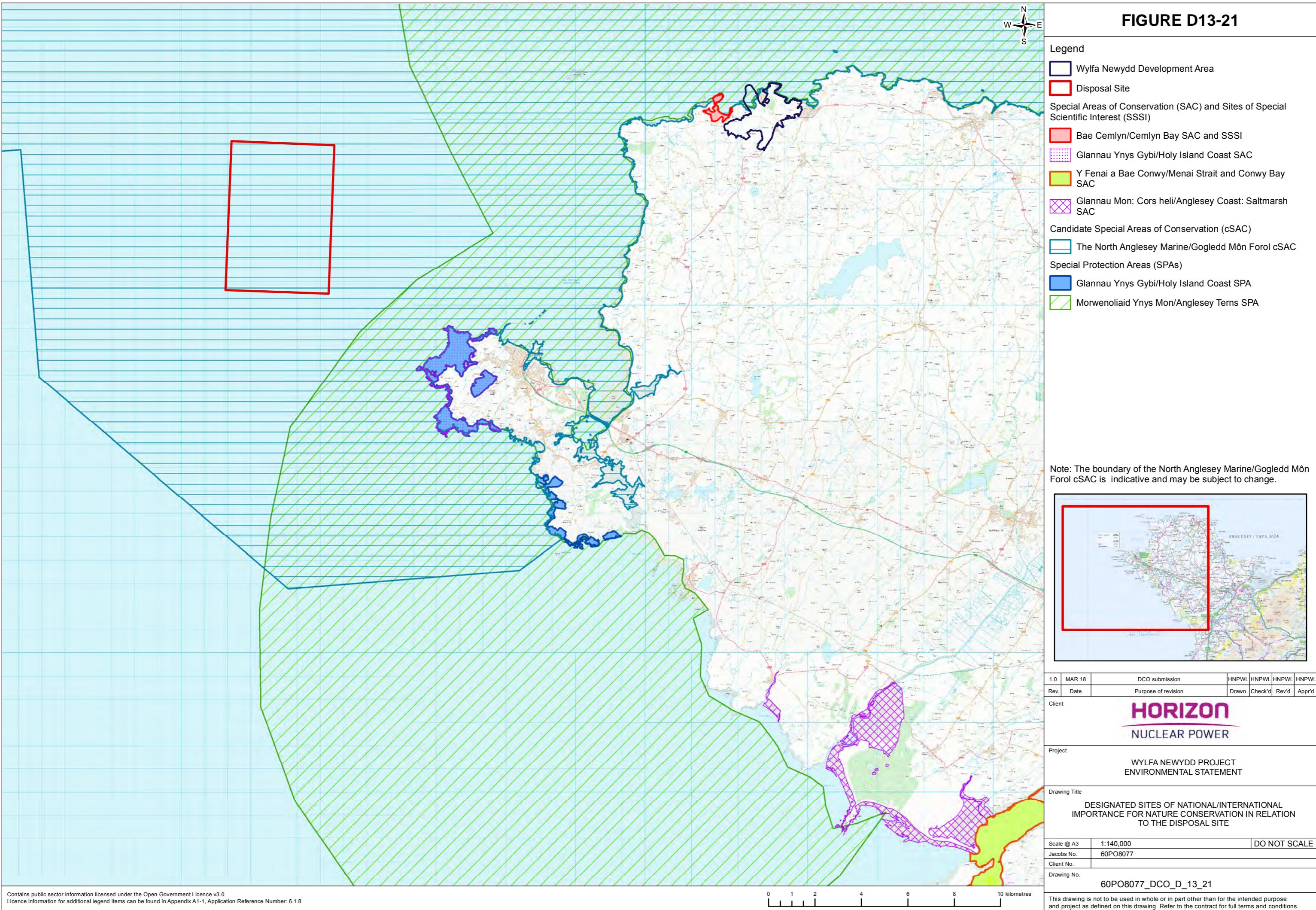
Jacobs No. 60PO8077

Client No.

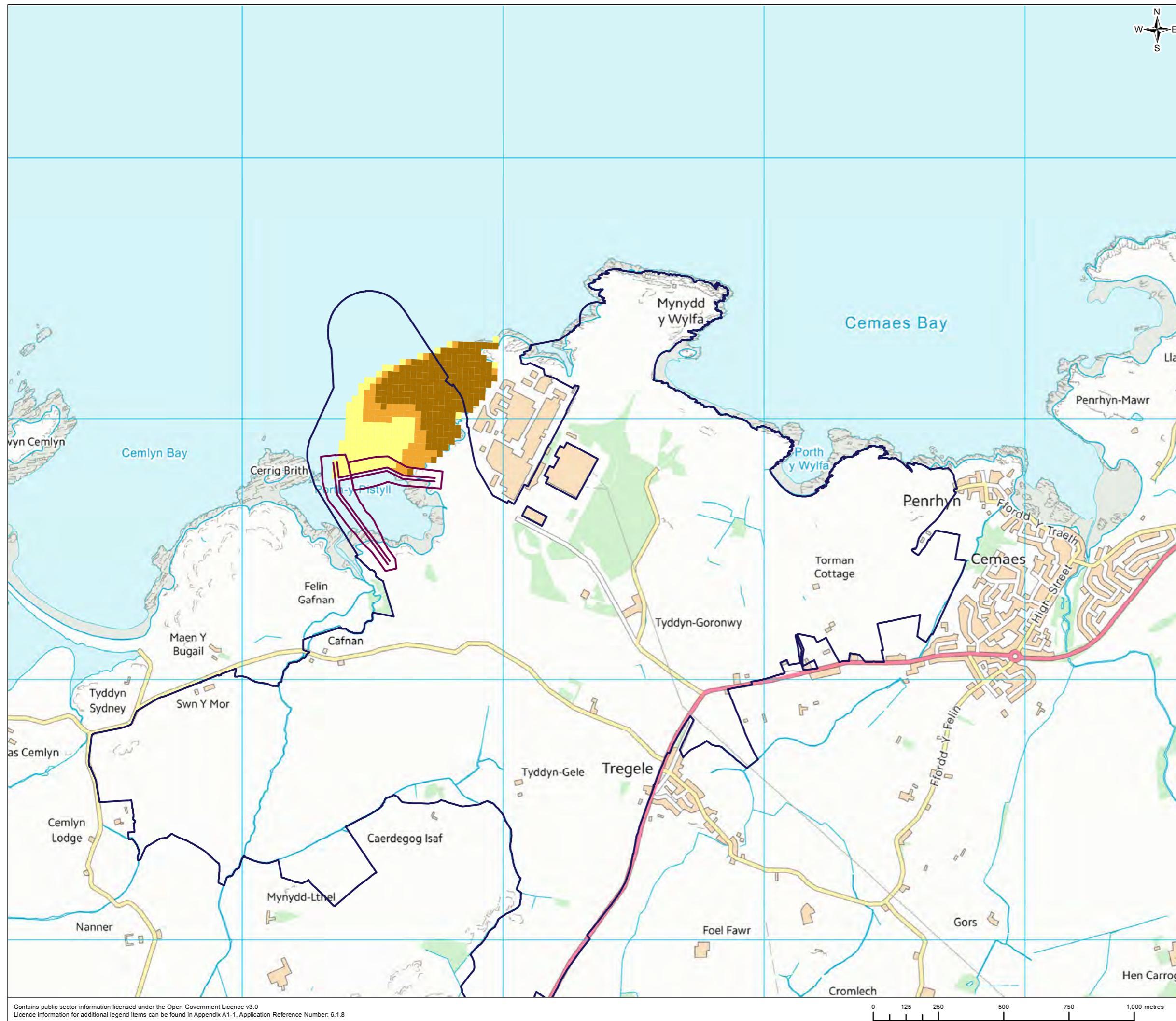
Drawing No. 60PO8077\_DCO\_D\_13\_20

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 D13-21**



**FIGURE D13-22**



Legend

Wylfa Newydd Development Area

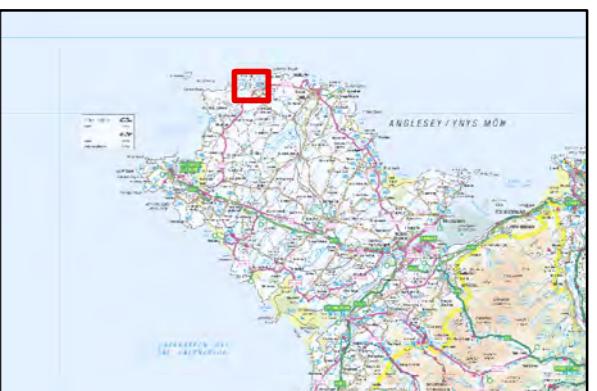
Temporary cofferdam and causeway

Absolute suspended solids concentration

>6.0mg/l - 8.0mg/l

>8.0mg/l - 10.0mg/l

>10.0mg/l - 60.4mg/l



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  
SUSPENDED SOLIDS CONCENTRATION  
RESULTING FROM DREDGING

Scale @ A3 1:14,000 DO NOT SCALE

Jacobs No.

60PO8077

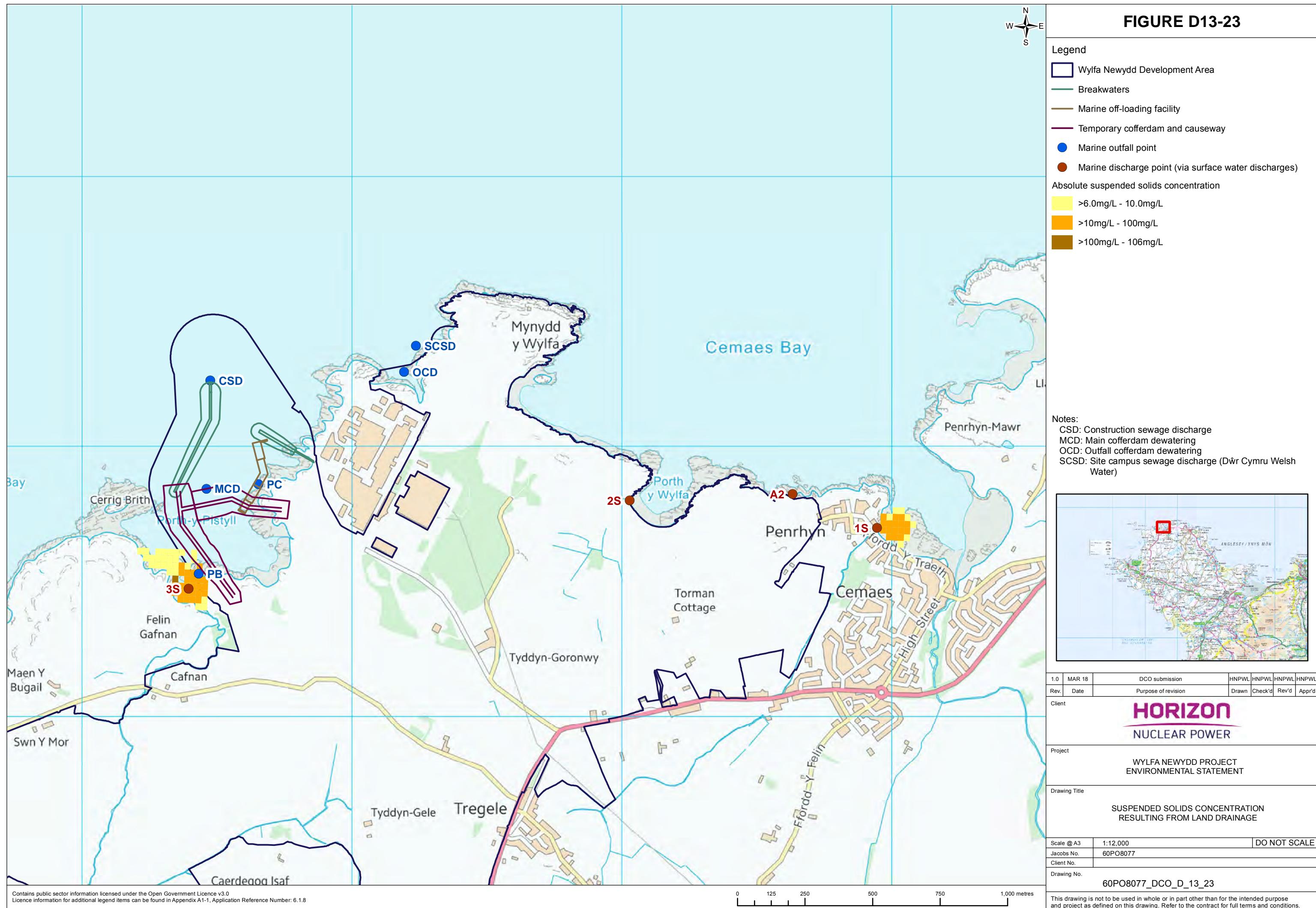
Client No.

Drawing No.

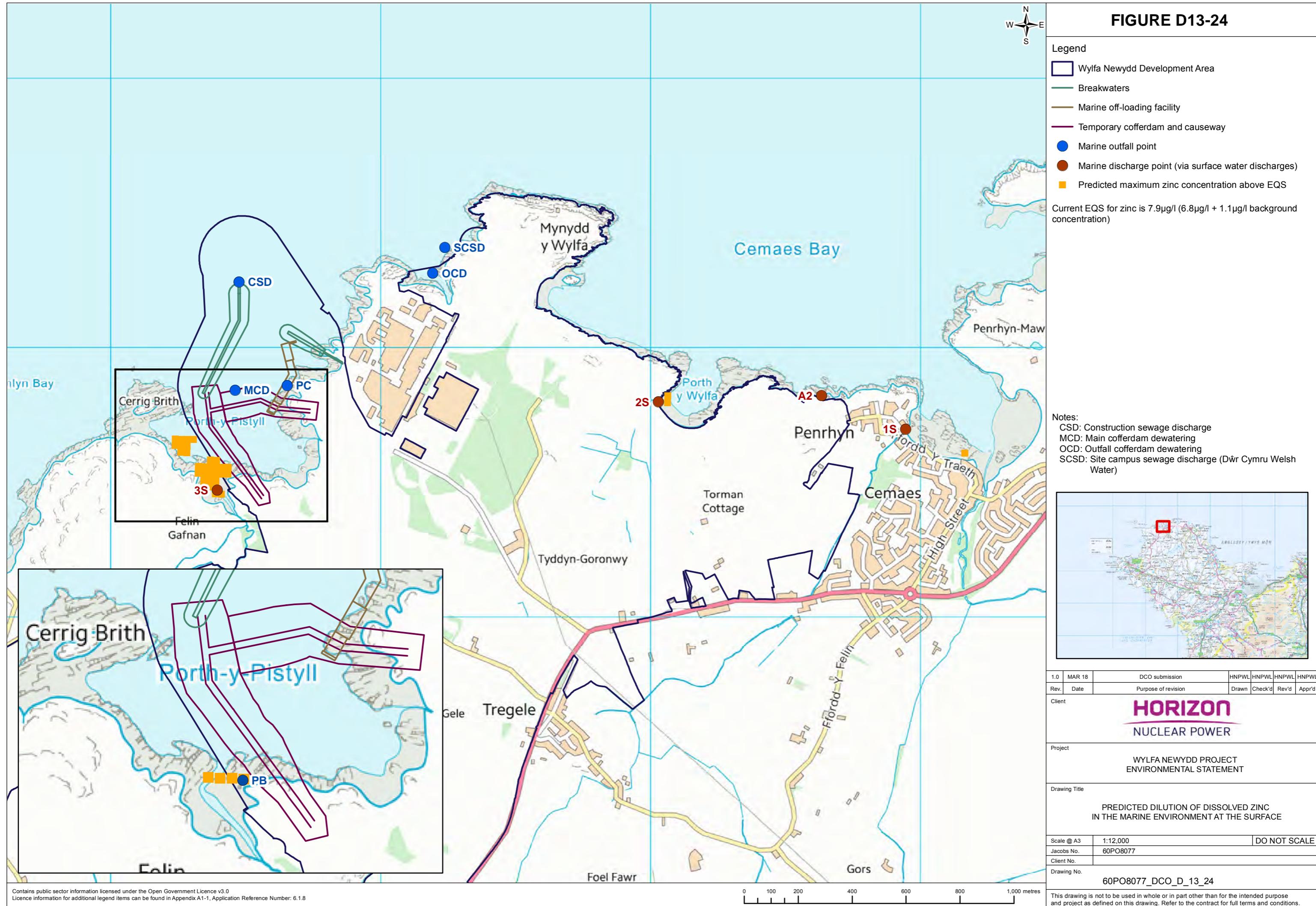
60PO8077\_DCO\_D\_13\_22

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.

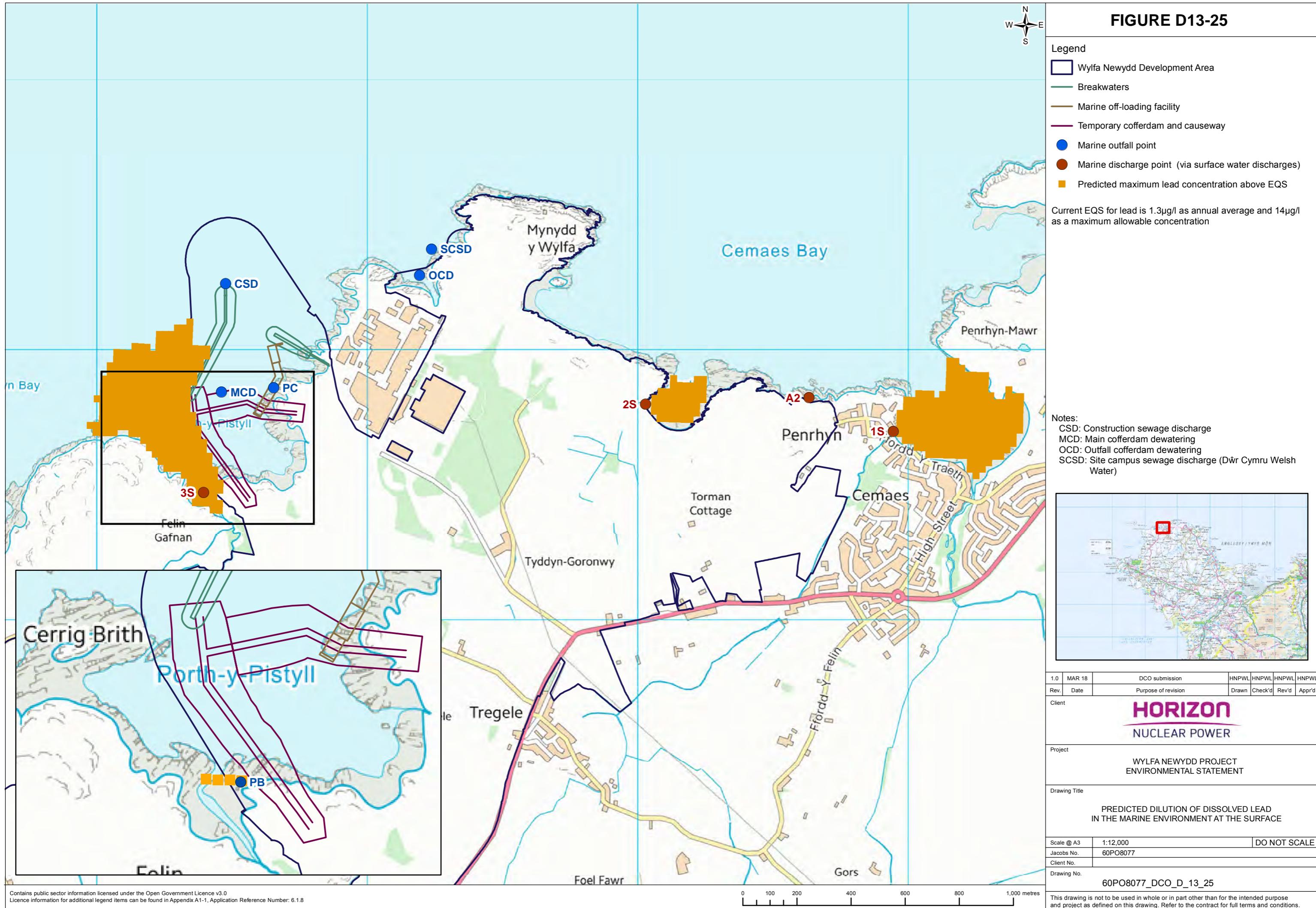
**FIGURE D13-23**



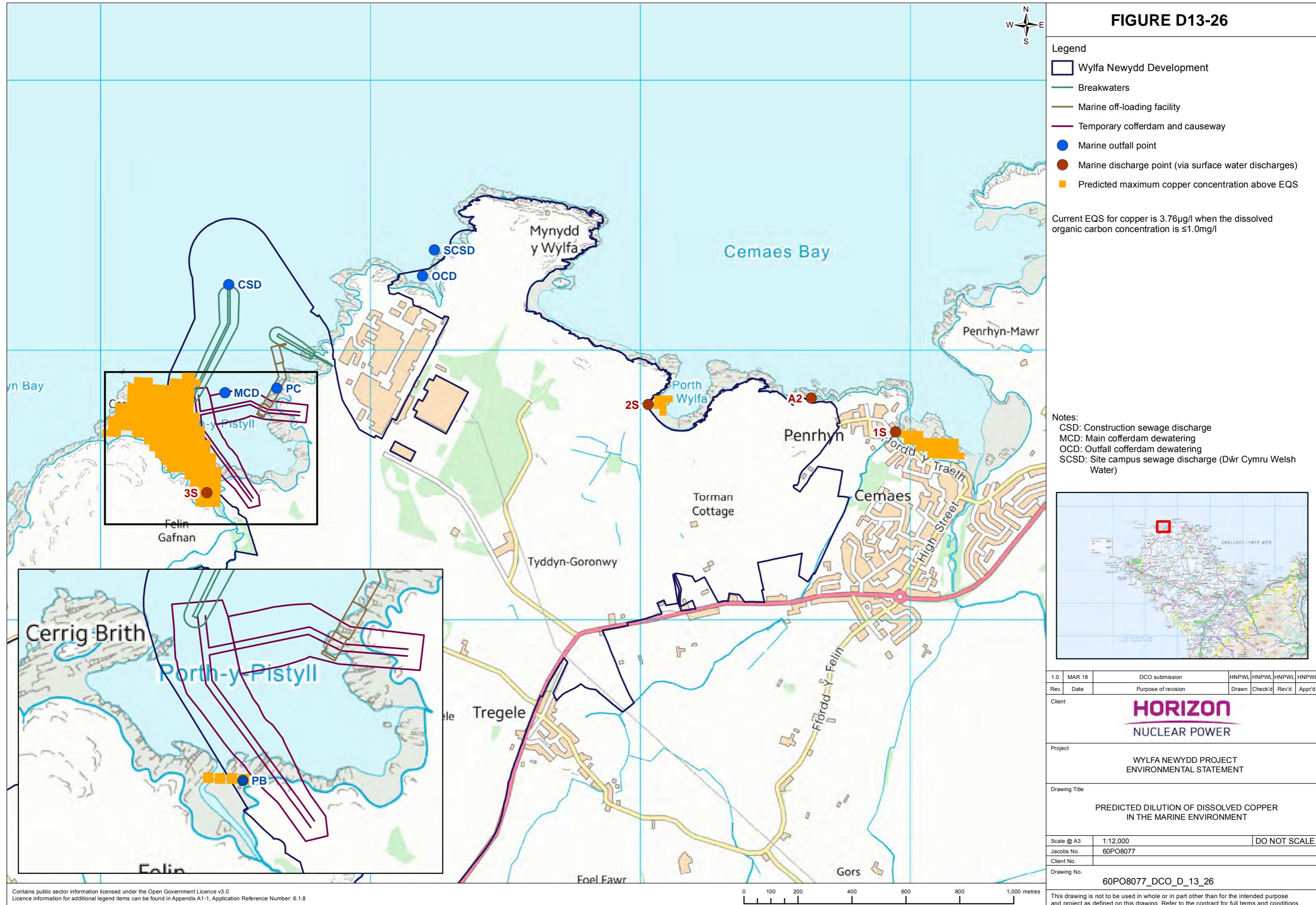
**FIGURE D13-24**



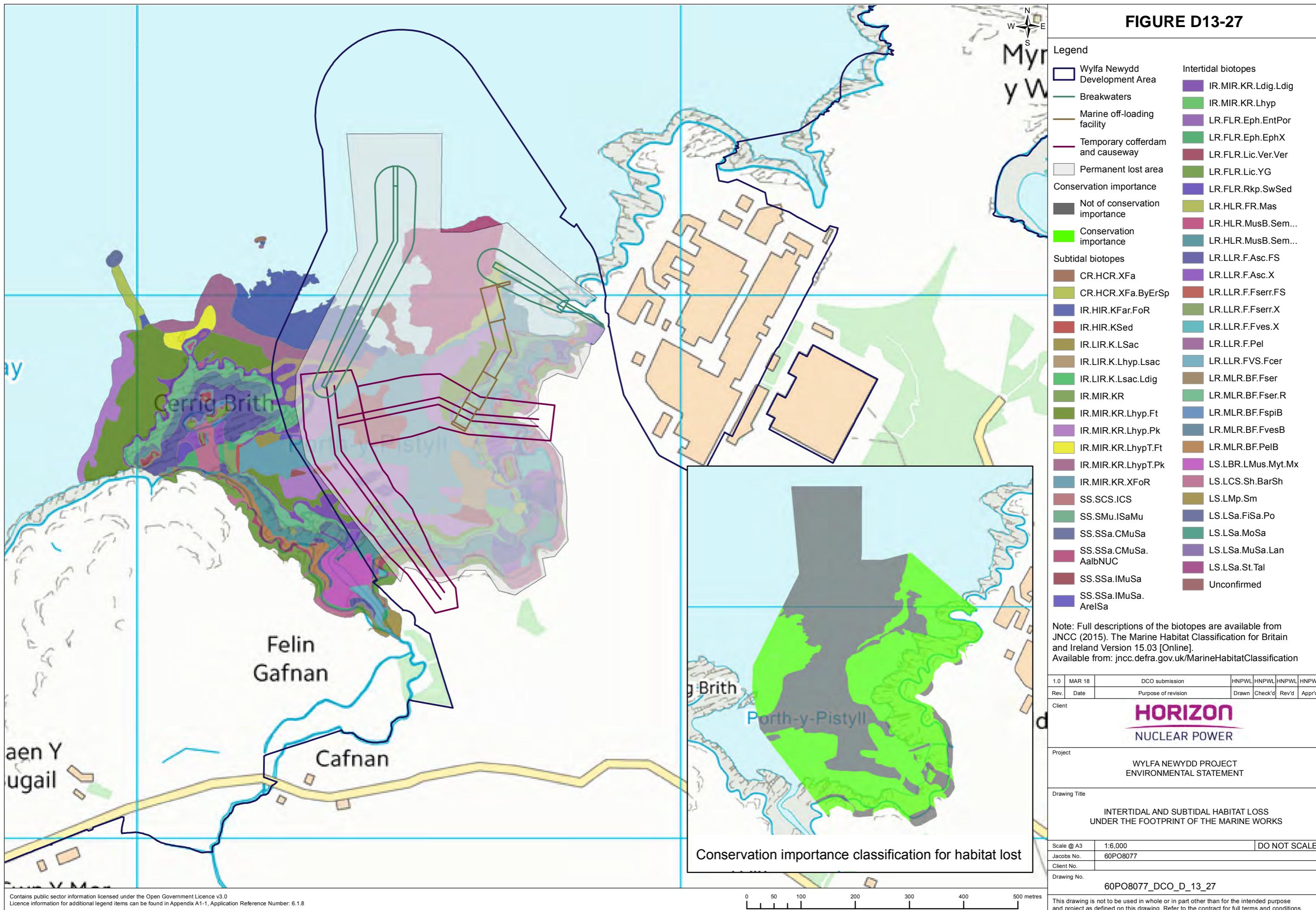
**FIGURE D13-25**



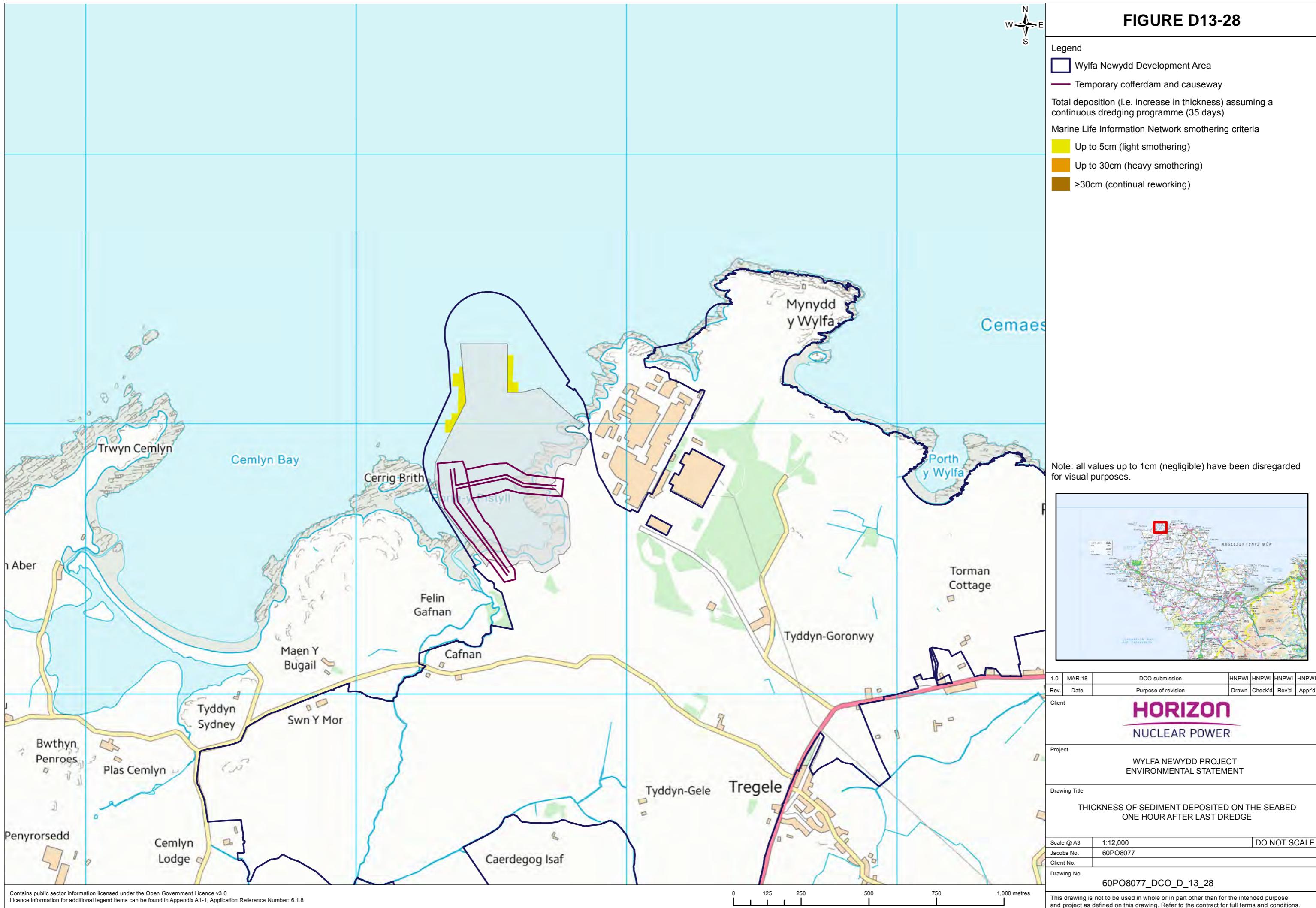
**FIGURE D13-26**



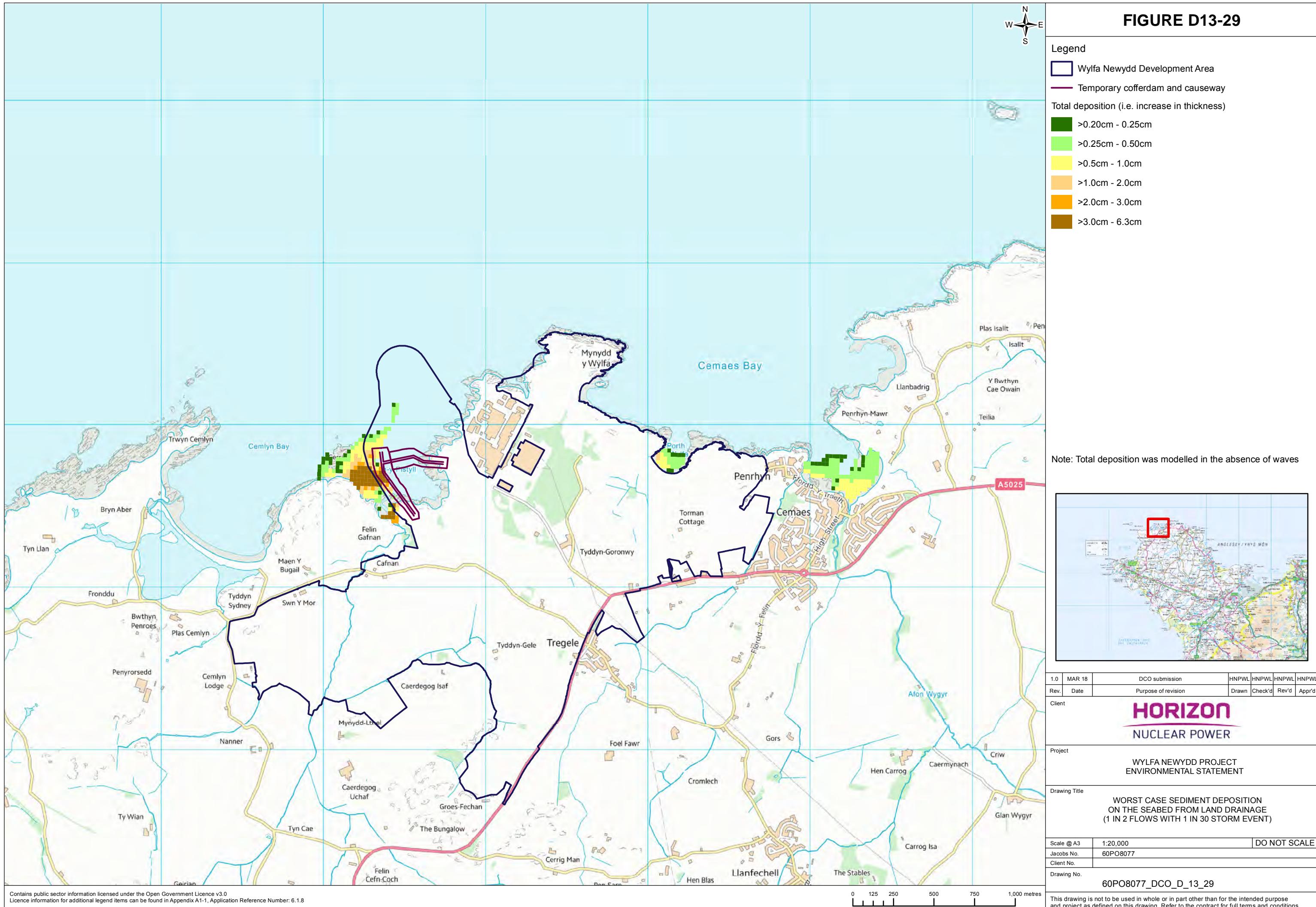
**FIGURE D13-27**



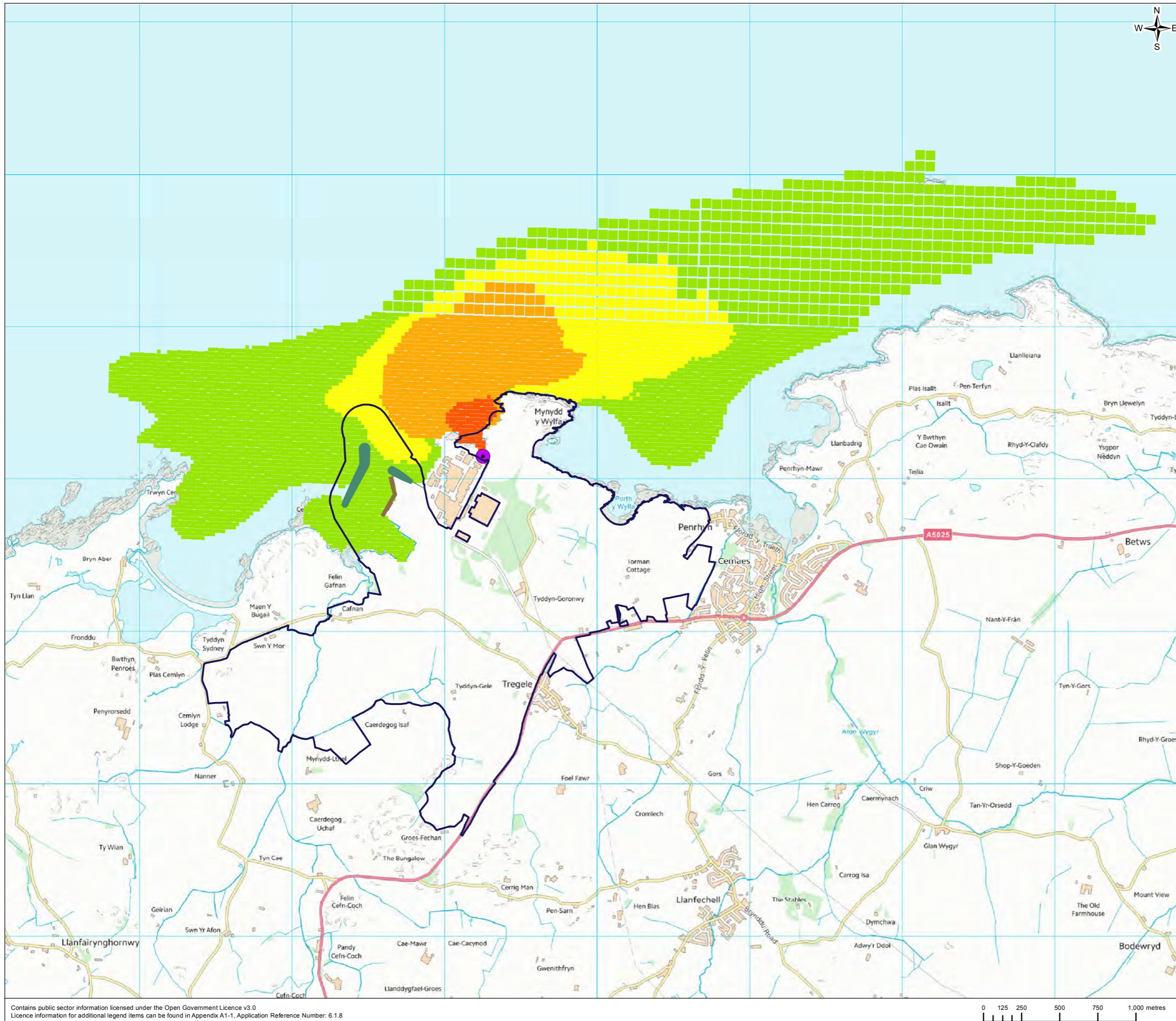
**FIGURE D13-28**



**FIGURE D13-29**



## FIGURE D13-33



### Legend

Wylfa Newydd Development Area

## Breakwaters

## Marine off-loading facilities

- Cooling water outfall  
Increase in temperature at the surface  
(e.g. rivers, oceans)

(annual base case)

Predicted 95 percentiles

≥3.00°C -3.00°C

≥3.00°C 8.00

8 00°C

A map of Anglesey (Ynys Môn) showing the coastline and internal roads. A red box highlights a specific area in the northern part of the island, near the village of Llanfairfechan. A legend in the bottom left corner shows symbols for roads, paths, and water. The text 'ANGLESEY / YNYS MÔN' is printed in the upper right corner.

1.0 MAR 18 DCO submission HNPW1 HNPW1 HNPW1 HNPW1

Horizon

**HORIZON**  
NUCLEAR POWER

## WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

Drawing Title

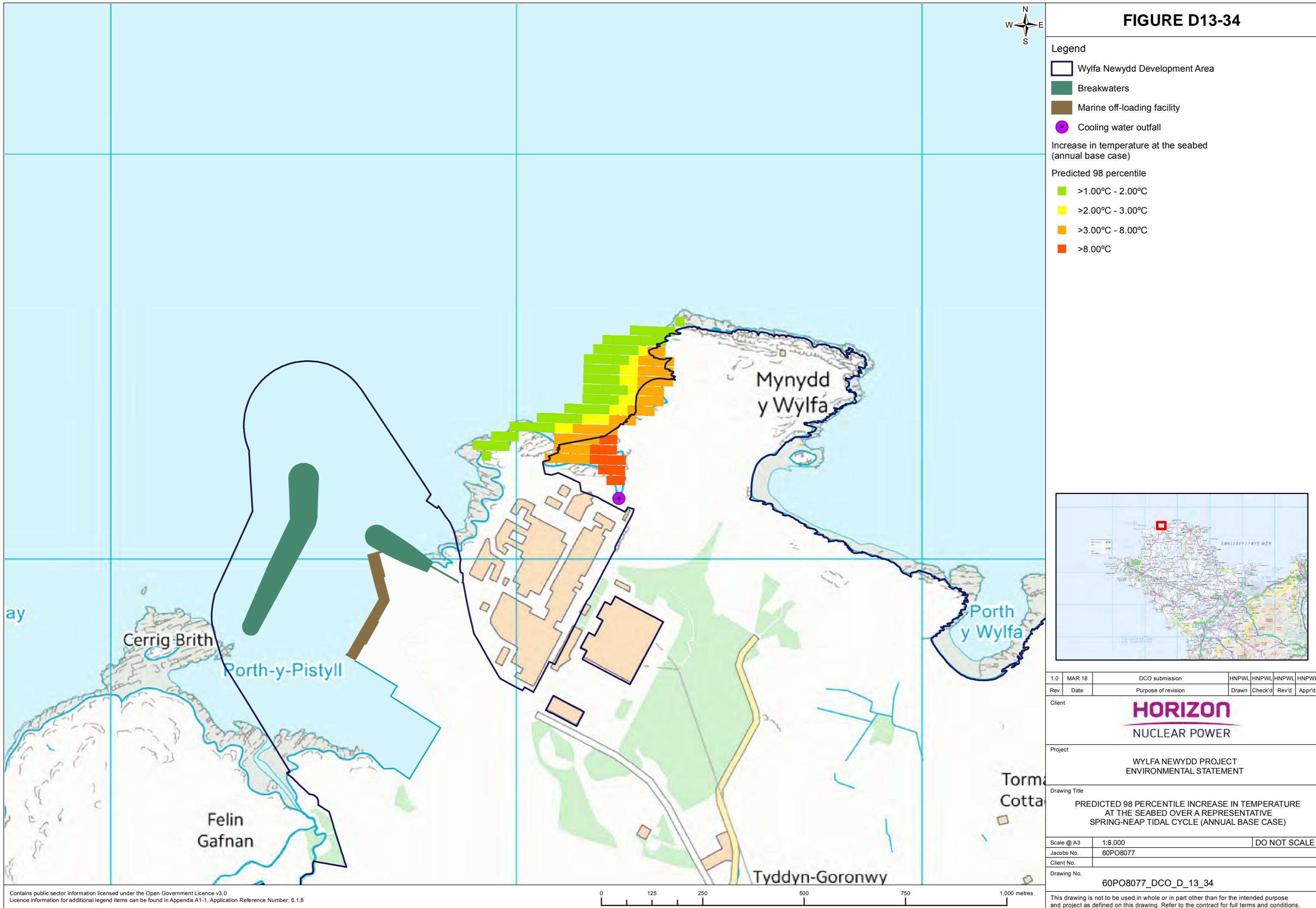
PREDICTED 98 PERCENTILE INCREASE IN TEMPERATURE  
AT THE SURFACE OVER A REPRESENTATIVE  
SPRING-NEAP TIDAL CYCLE (ANNUAL BASE CASE)

Scale @ A3	1:24,000	DO NOT SCALE
Jacobs No.	60PO8077	

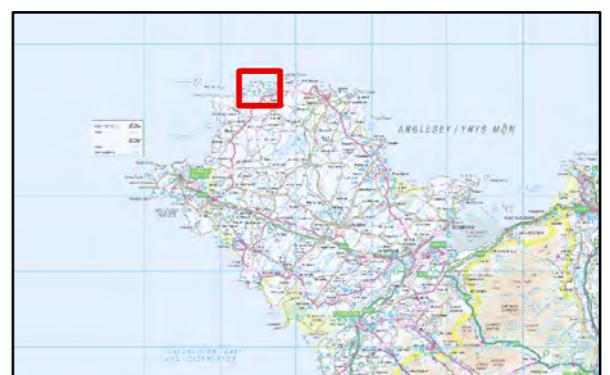
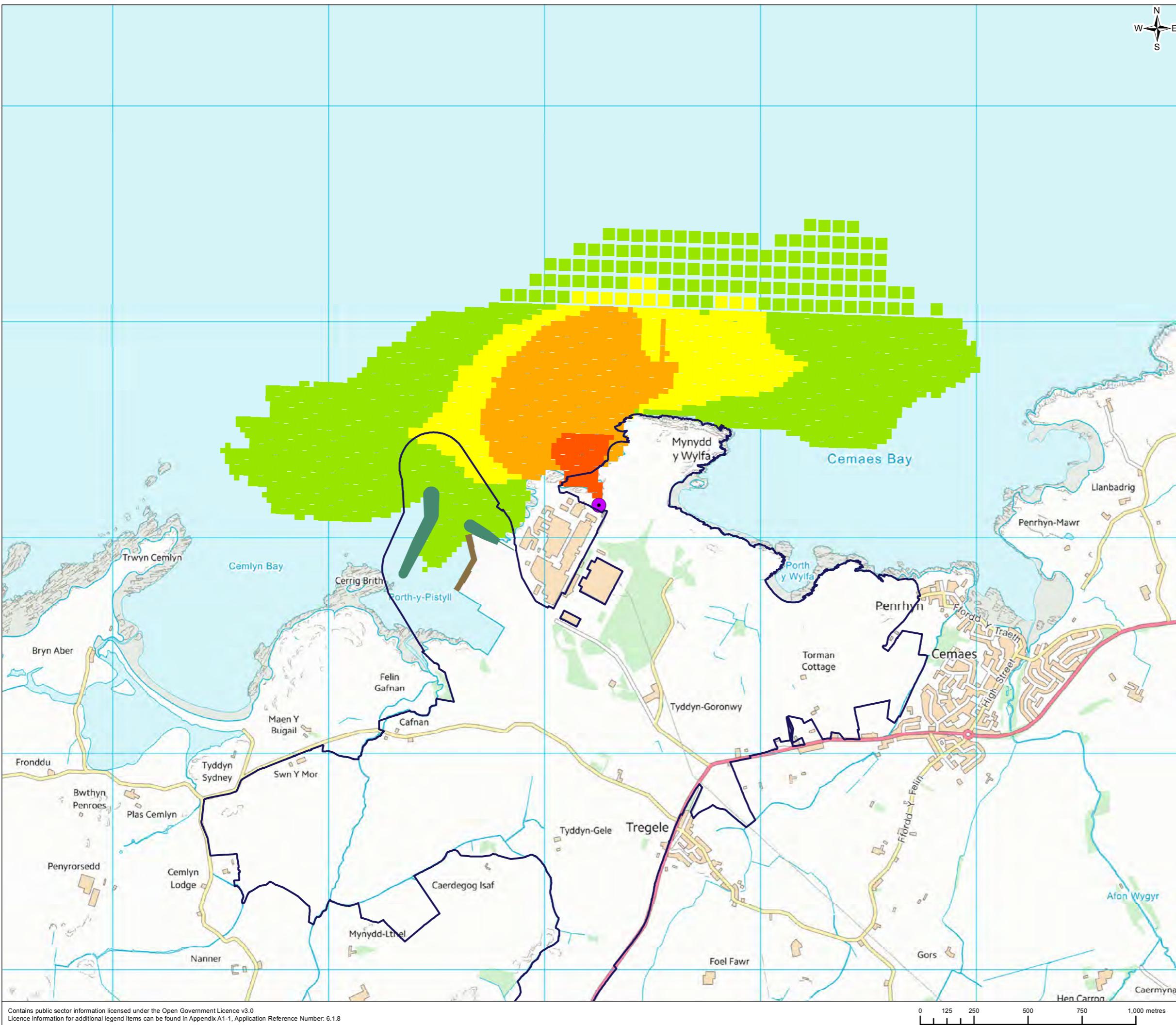
Client No.	
Drawing No.	60PO8077_DCO_D_13_33
This drawing is not to be used in whole or in part other than for the intended purpose.	

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

**FIGURE D13-34**

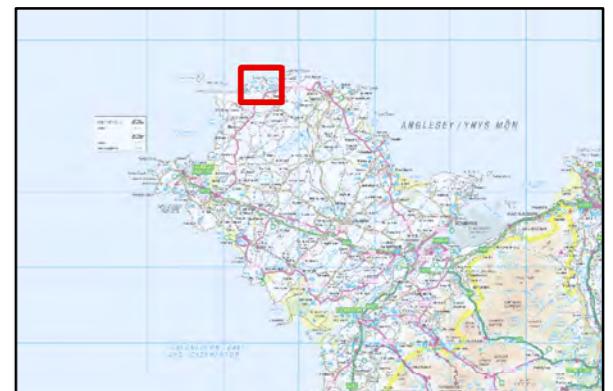
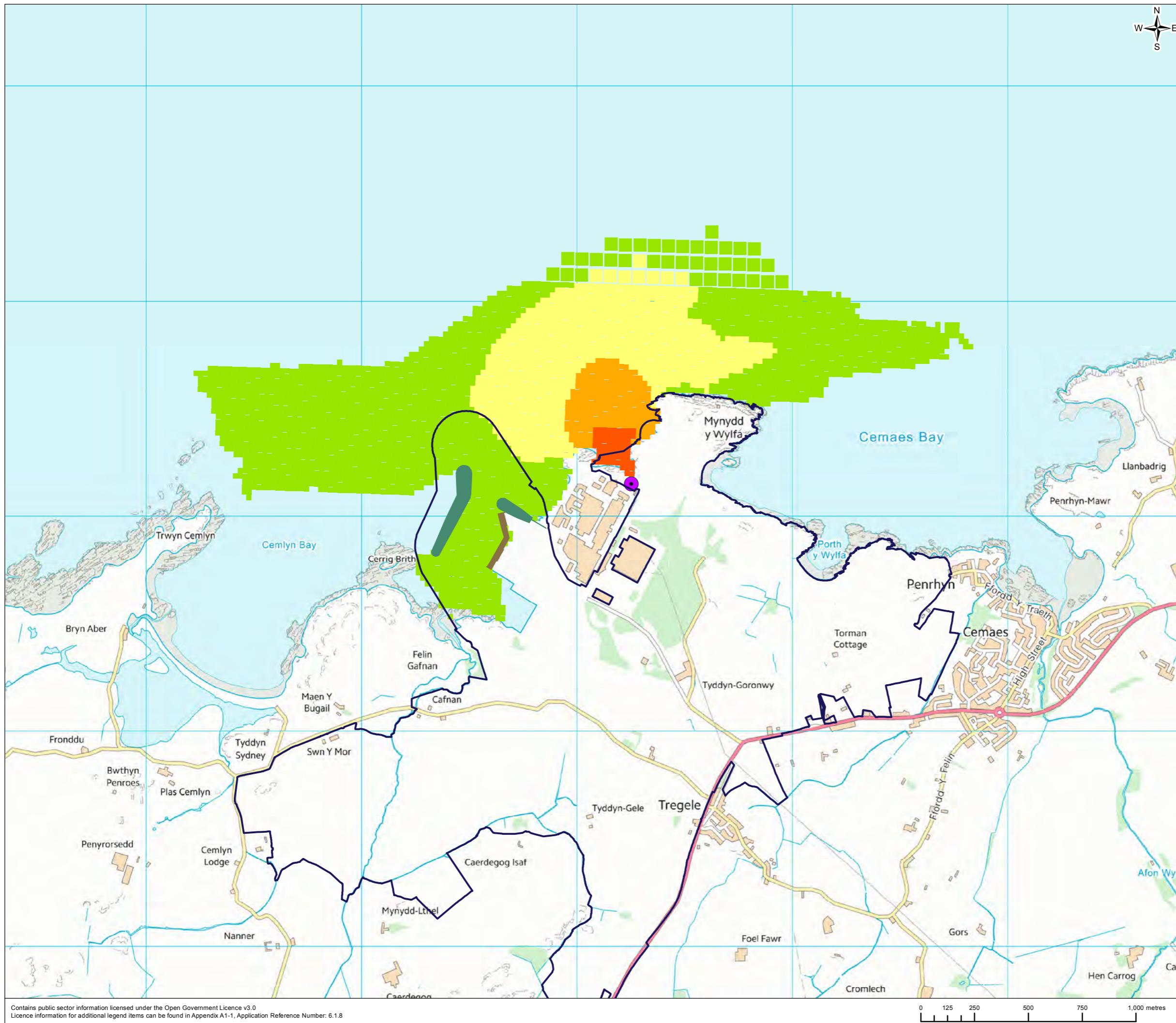


**FIGURE D13-35**



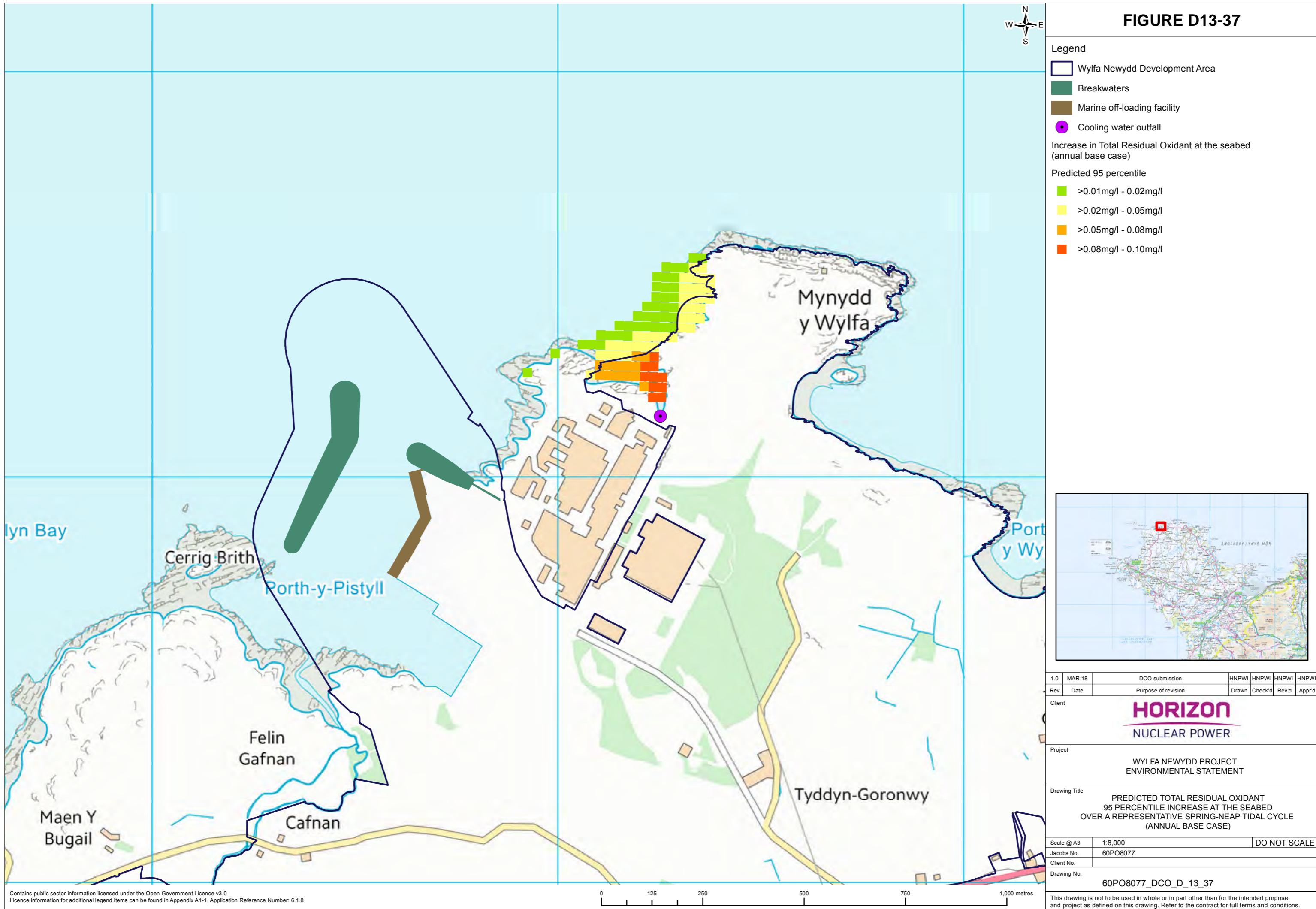
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
PREDICTED 98 PERCENTILE INCREASE IN TEMPERATURE AT THE SURFACE OVER A REPRESENTATIVE SPRING-NEAP TIDAL CYCLE (SUMMER BASE CASE WITH VARIABLE WIND)						
Scale @ A3	1:17,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_D_13_35					
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 D13-36**

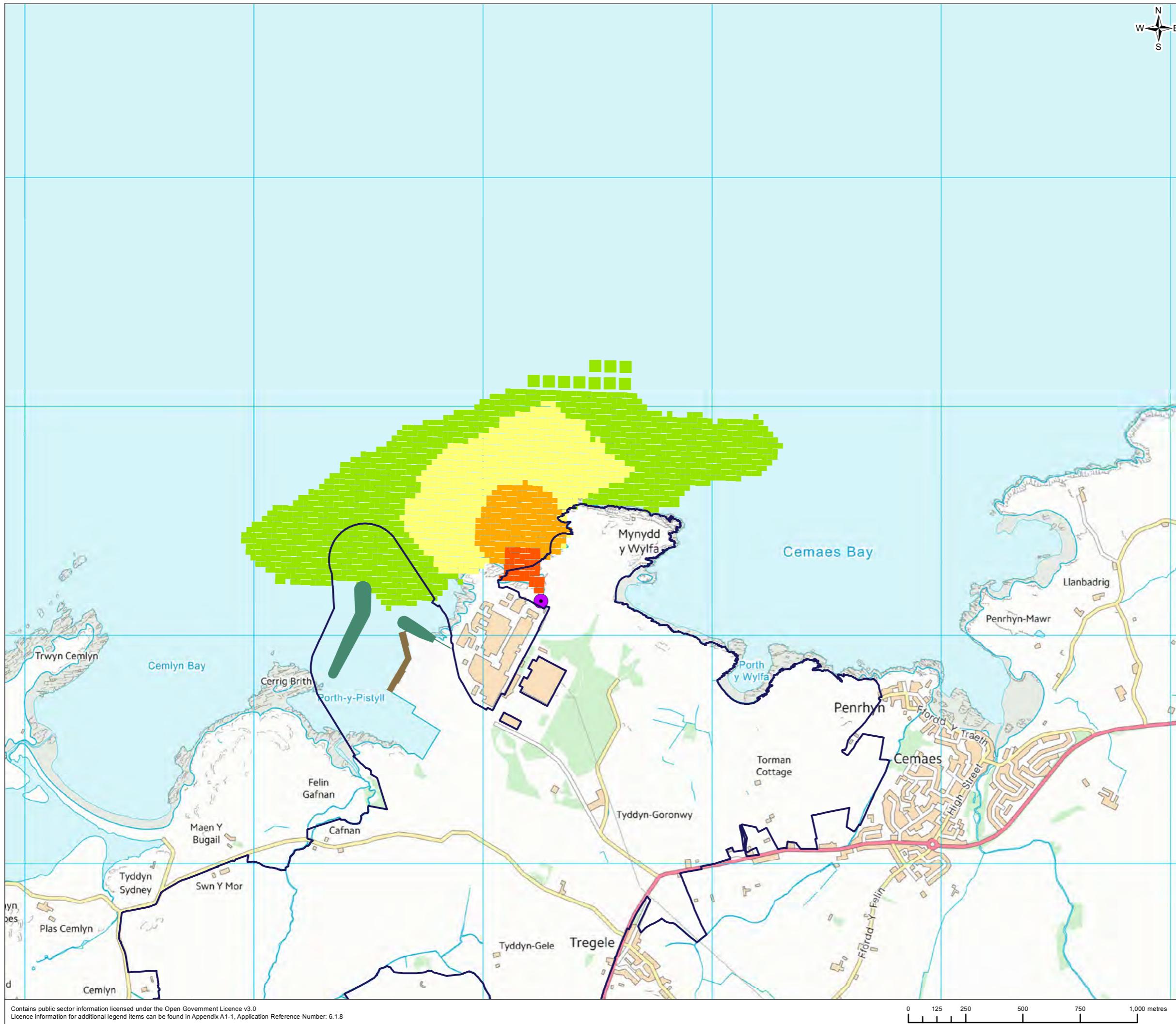


1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
PREDICTED TOTAL RESIDUAL OXIDANT 95 PERCENTILE INCREASE AT THE SURFACE OVER A REPRESENTATIVE SPRING-NEAP TIDAL CYCLE (ANNUAL BASE CASE)						
Scale @ A3	1:17,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_D_13_36					
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 D13-37**



**FIGURE D13-38**



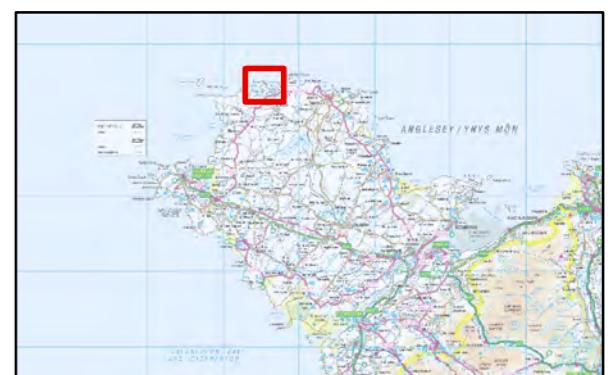
**Legend**

- Wylfa Newydd Development Area
- Breakwaters
- Marine off-loading facility
- Cooling water outfall

Increase in Total Residual Oxidant at the surface (summer case with variable wind)

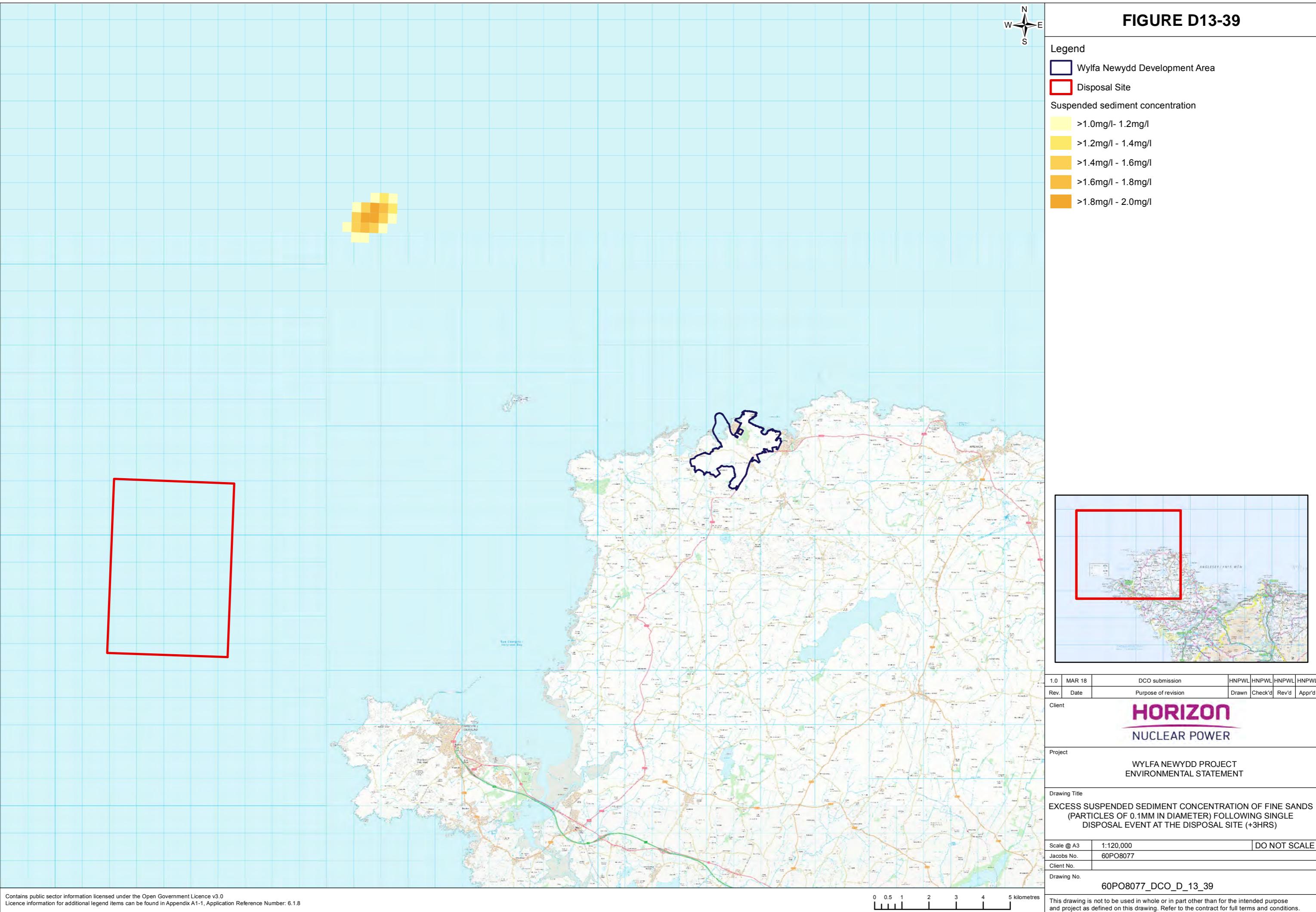
Predicted 95 percentile

- >0.01mg/l - 0.02mg/l
- >0.02mg/l - 0.05mg/l
- >0.05mg/l - 0.08mg/l
- >0.08mg/l - 0.10mg/l

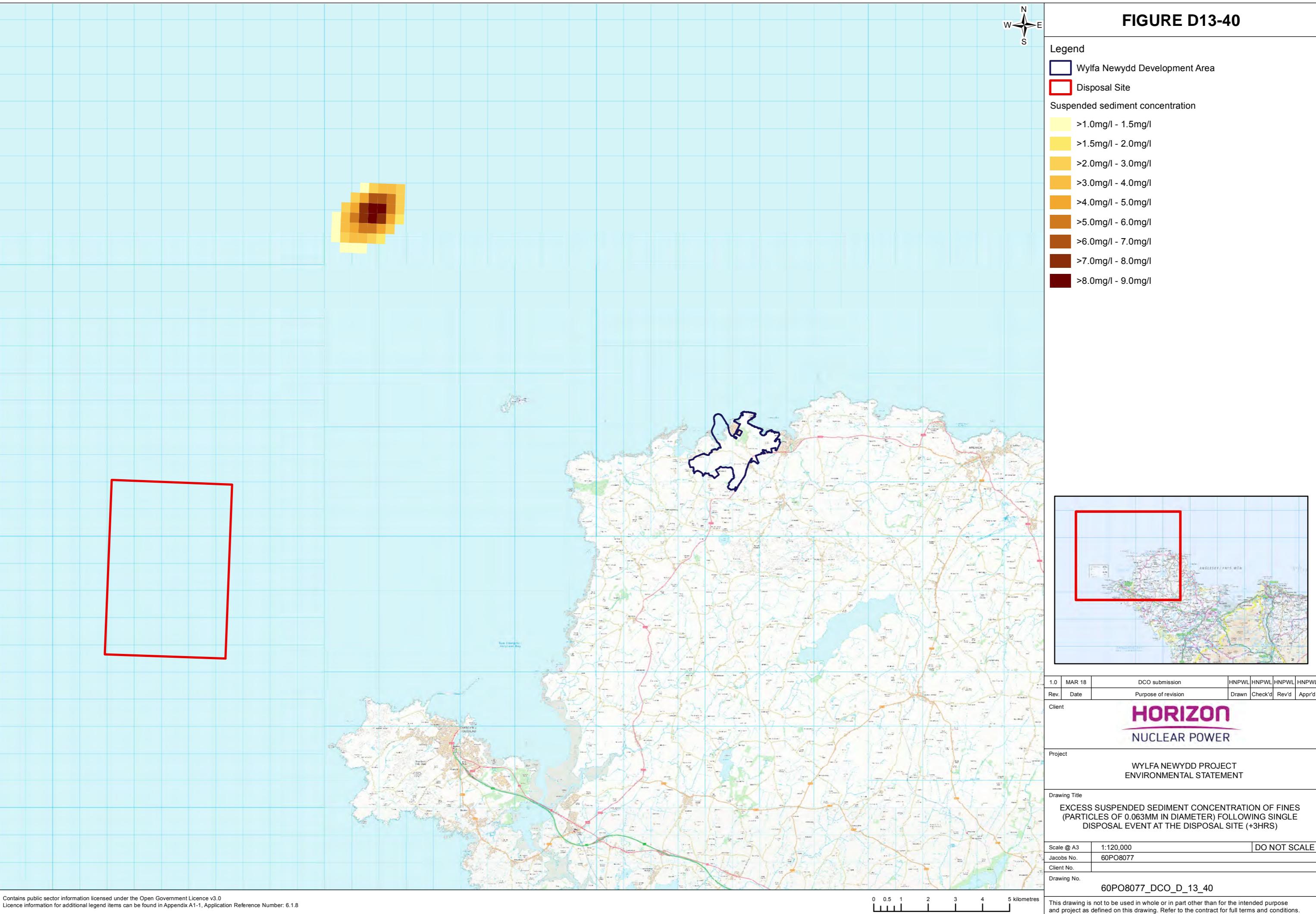


1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
PREDICTED TOTAL RESIDUAL OXIDANTS 95 PERCENTILE INCREASE AT THE SURFACE OVER A REPRESENTATIVE SPRING-NEAP TIDAL CYCLE (SUMMER BASE CASE WITH VARIABLE WIND)						
Scale @ A3	1:16,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_D_13_38					
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.						

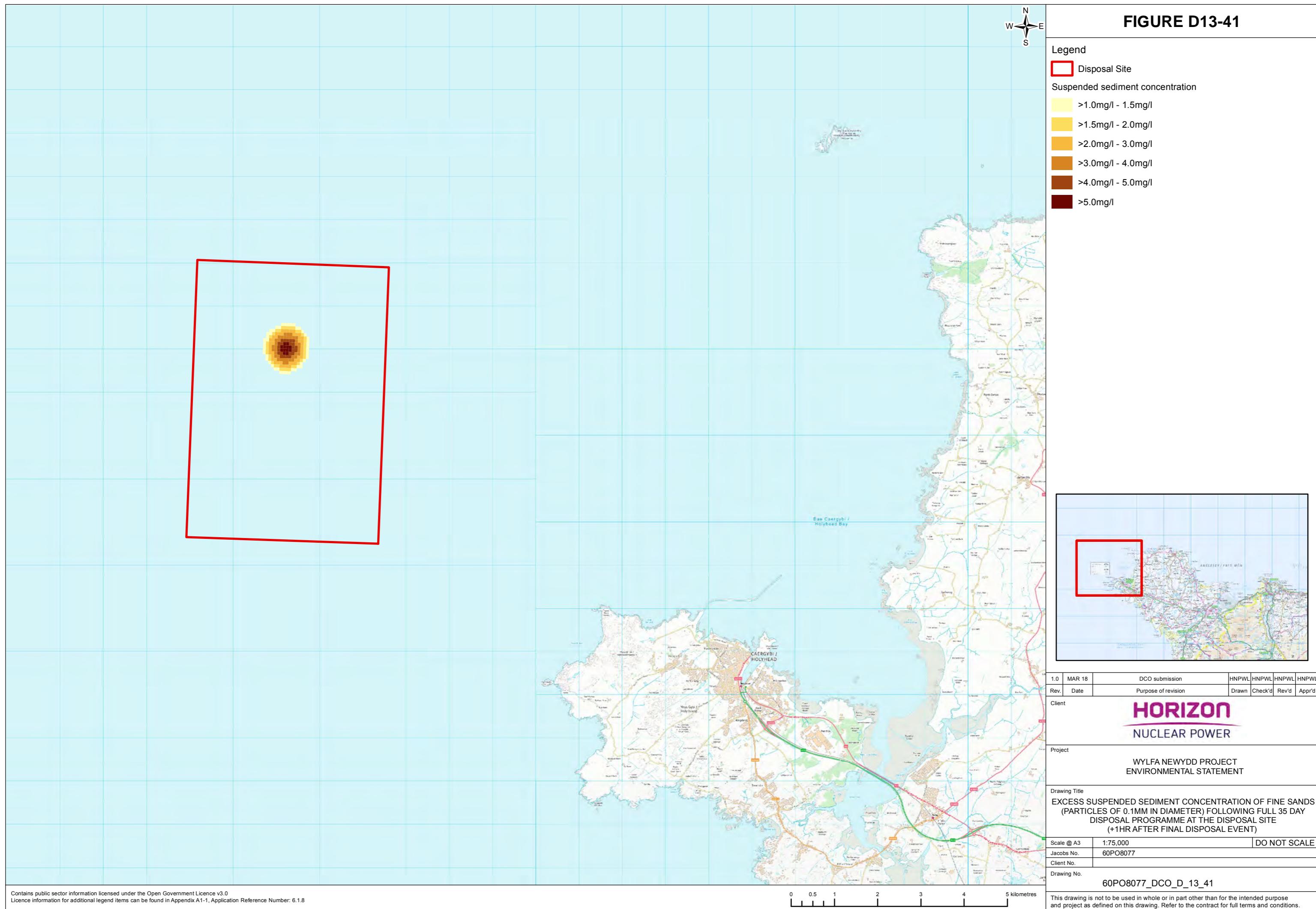
**FIGURE D13-39**



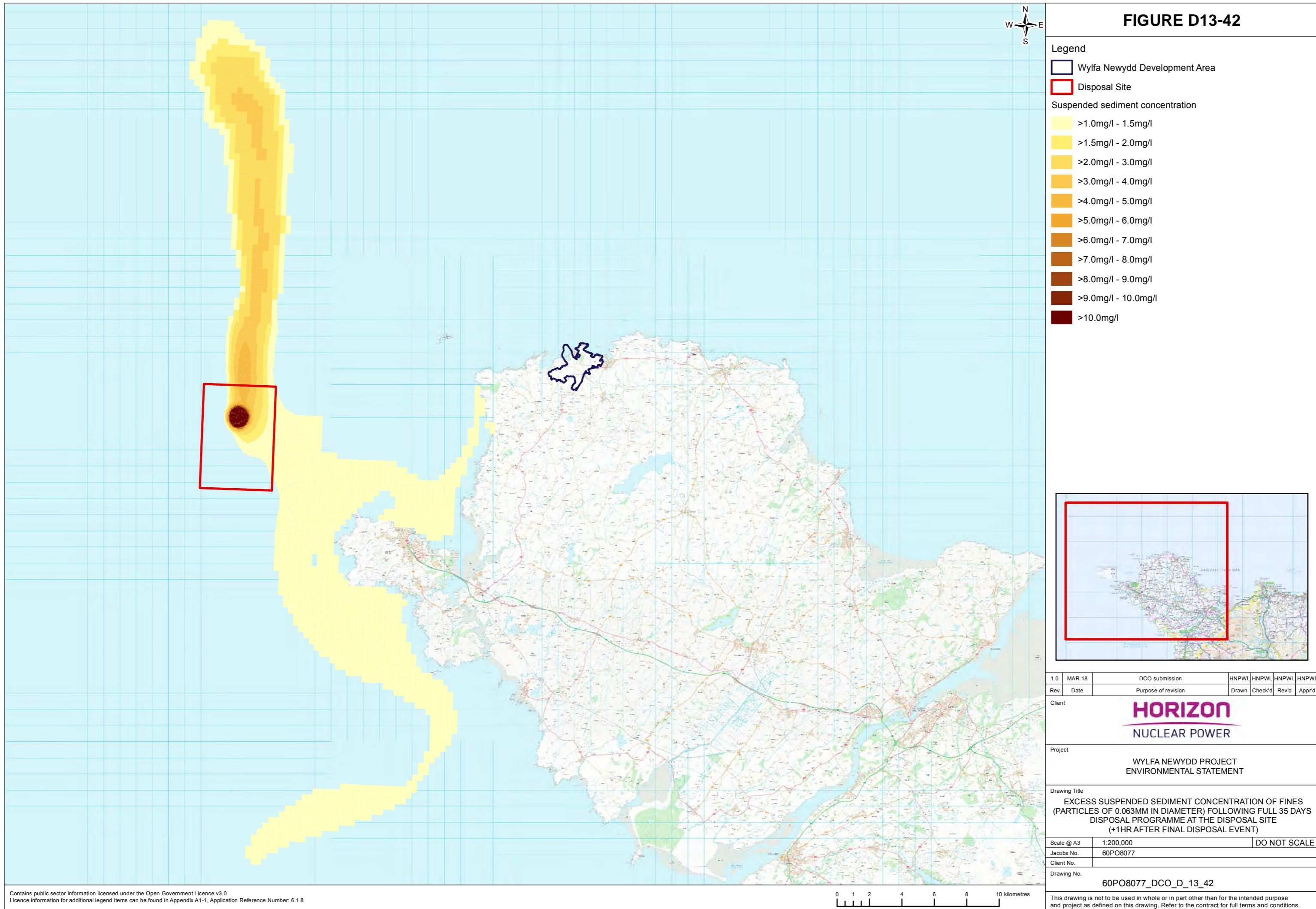
**FIGURE D13-40**



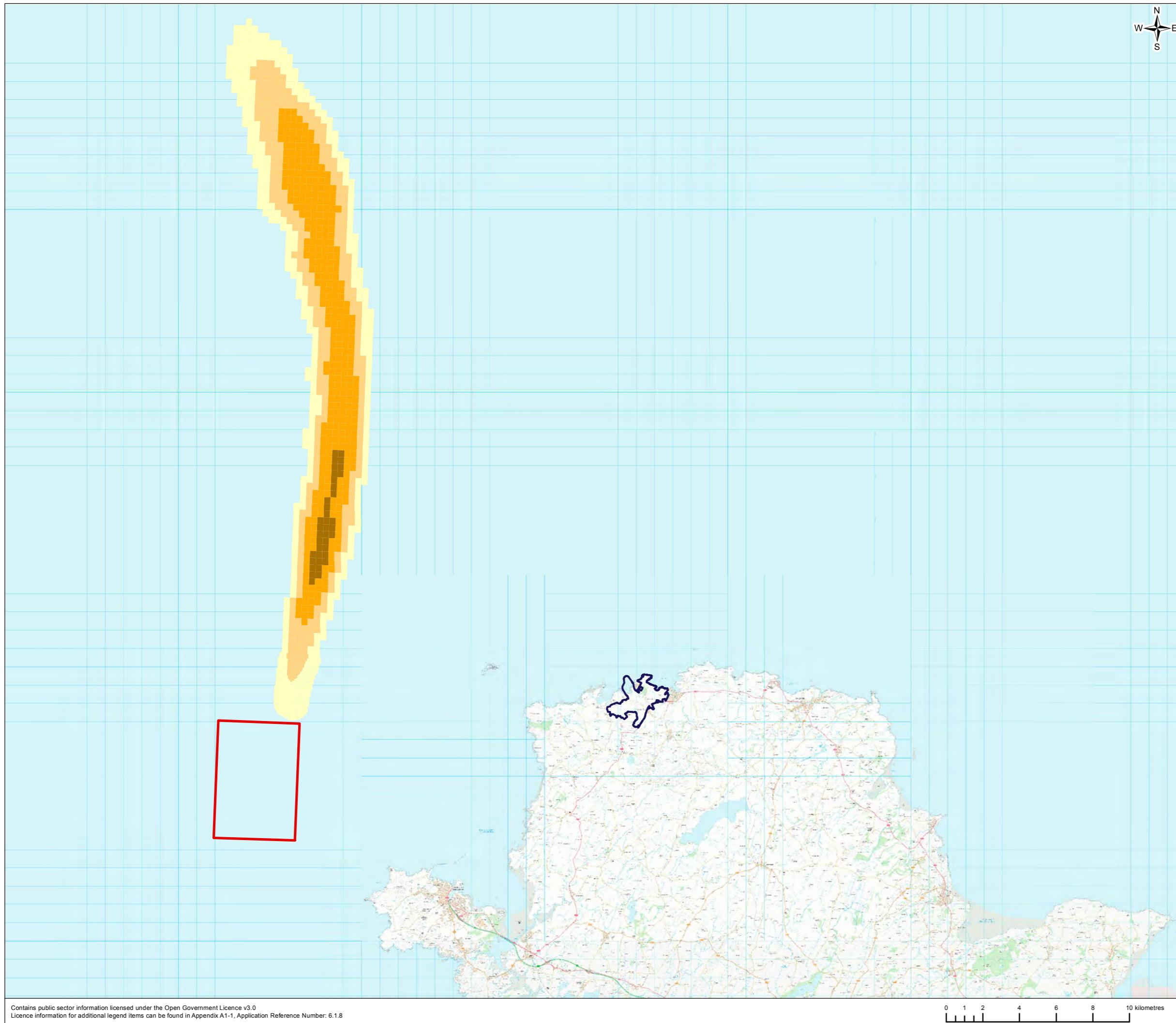
**FIGURE D13-41**



**FIGURE D13-42**



**FIGURE D13-43**



Legend

- Wylfa Newydd Development Area
- Disposal Site
- Suspended sediment concentration
  - >1.0mg/l - 1.5mg/l
  - >1.5mg/l - 2.0mg/l
  - >2.0mg/l - 2.5mg/l
  - >2.5mg/l



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  
EXCESS SUSPENDED SEDIMENT CONCENTRATION OF FINE  
(PARTICLES OF 0.063MM IN DIAMETER) FOLLOWING FULL 35 DAY  
PROGRAMME AT THE DISPOSAL SITE  
(+48HR AFTER FINAL DISPOSAL EVENT)

Scale @ A3	1:200,000	DO NOT SCALE
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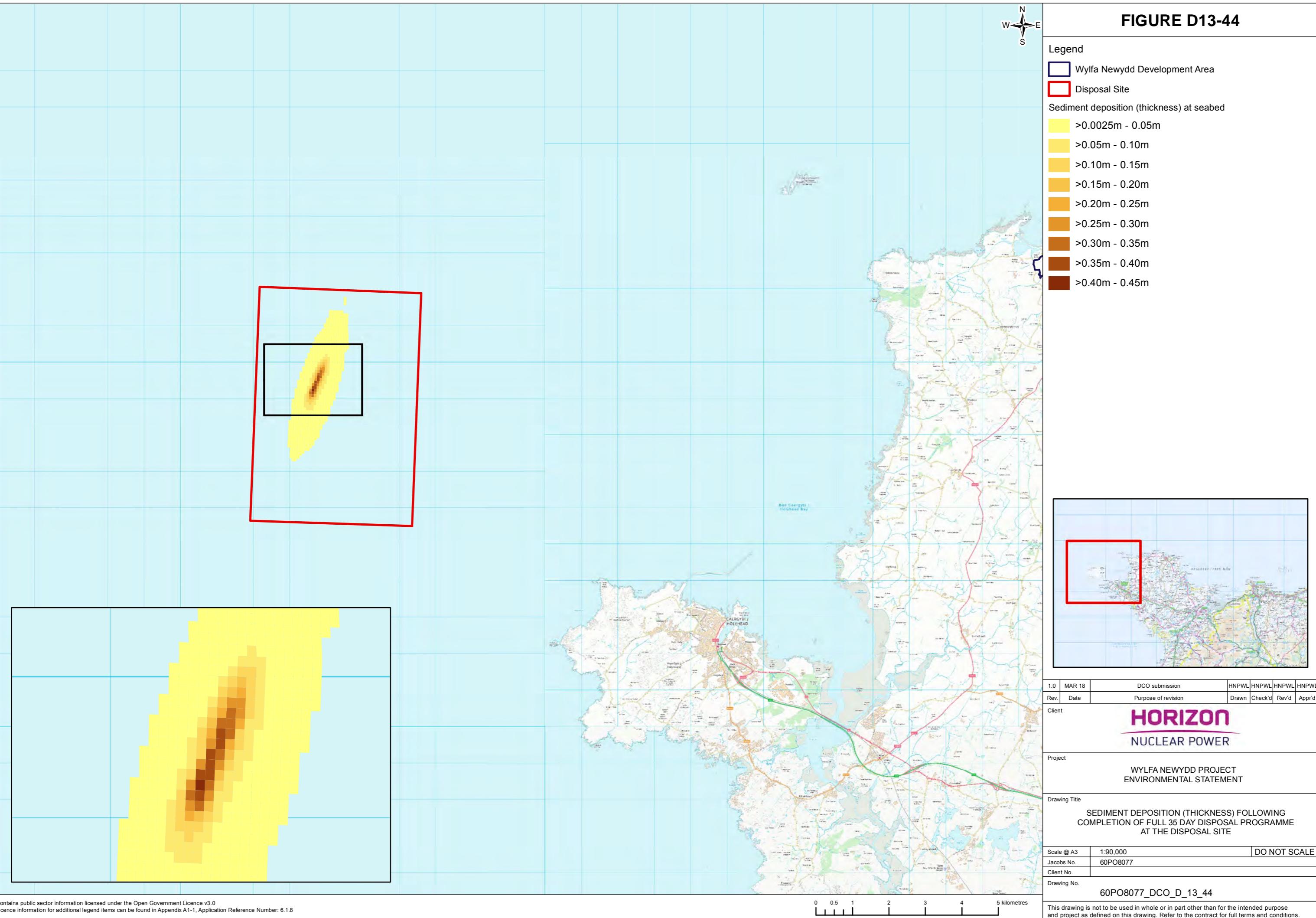
Jacobs No.	60PO8077
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Client No.	
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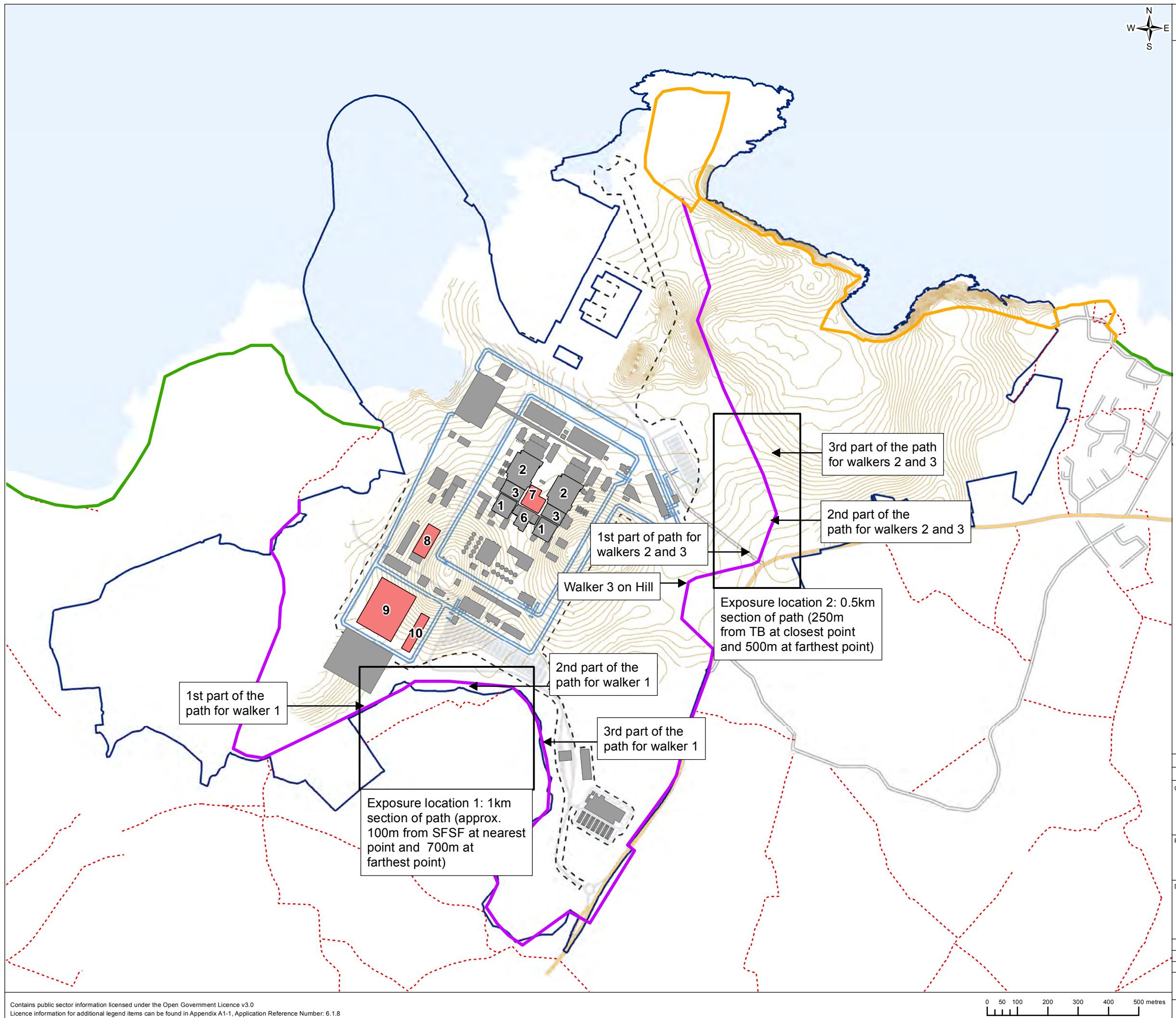
Drawing No.	60PO8077_DCO_D_13_43
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**FIGURE D13-44**



## FIGURE D14-2



**HORIZON**  
NUCLEAR POWER

## WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

## SITE LAYOUT AND WALKER EXPOSURE

1:12,000 DO NOT SCALE

1.12,000 DO NOT SCALE  
60PO8077

Table 1. Summary of the main characteristics of the 1000 samples used in this study.

60R08077 DCO P 14 03

60PO8077\_DC0\_D\_14\_02

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