

# Wylfa Newydd Project

## Volume 6: Environmental Statement (Part 47/73)

ES Volume E - Off-Site Power Station Facilities: AECC, ESL and MEEG  
Figure Booklet - Volume E

PINS Reference Number: EN010007

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Application Reference Number: 6.5.27

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June 2018

Revision 1.0

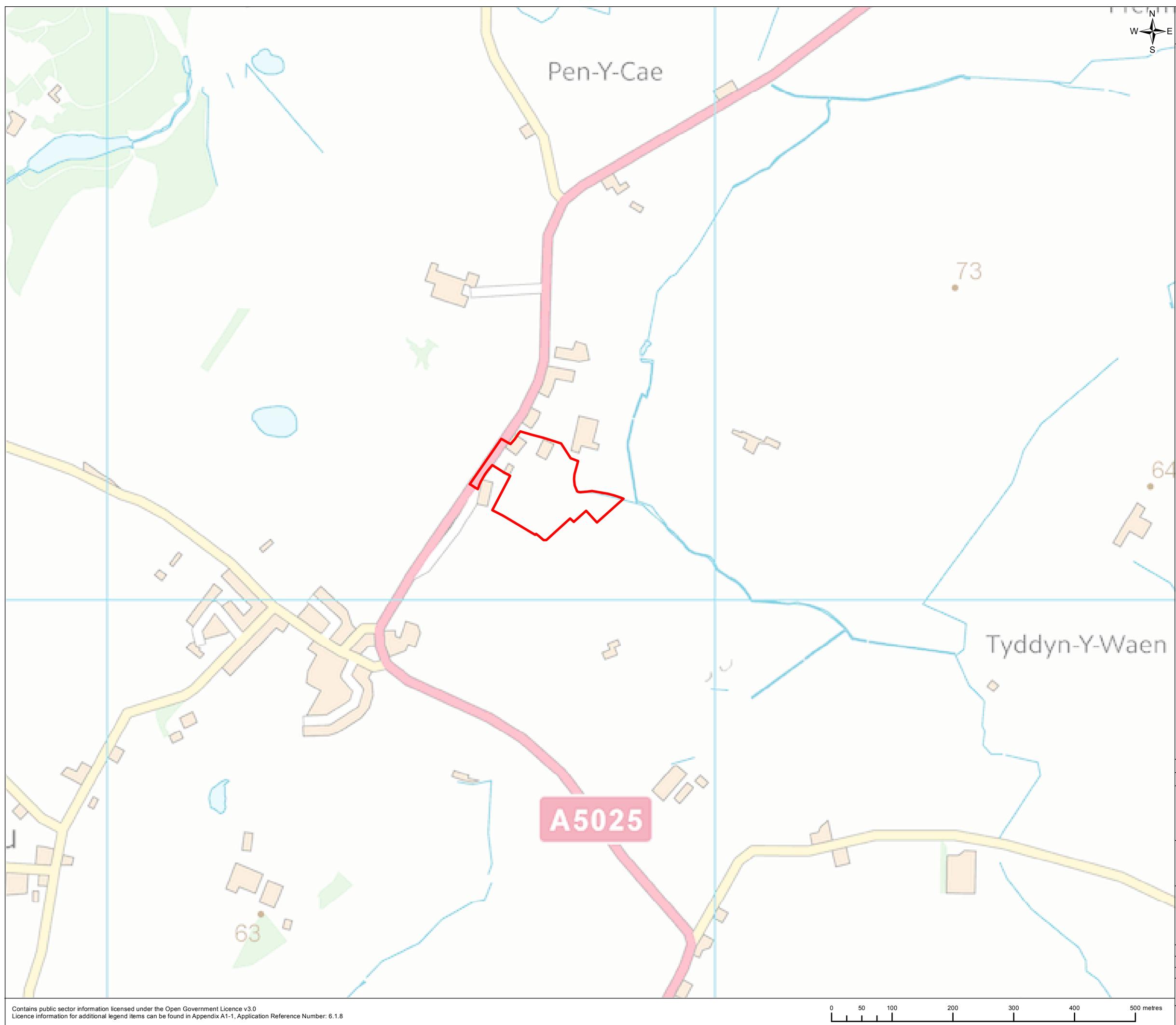
Regulation Number: 5(2)(a)

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

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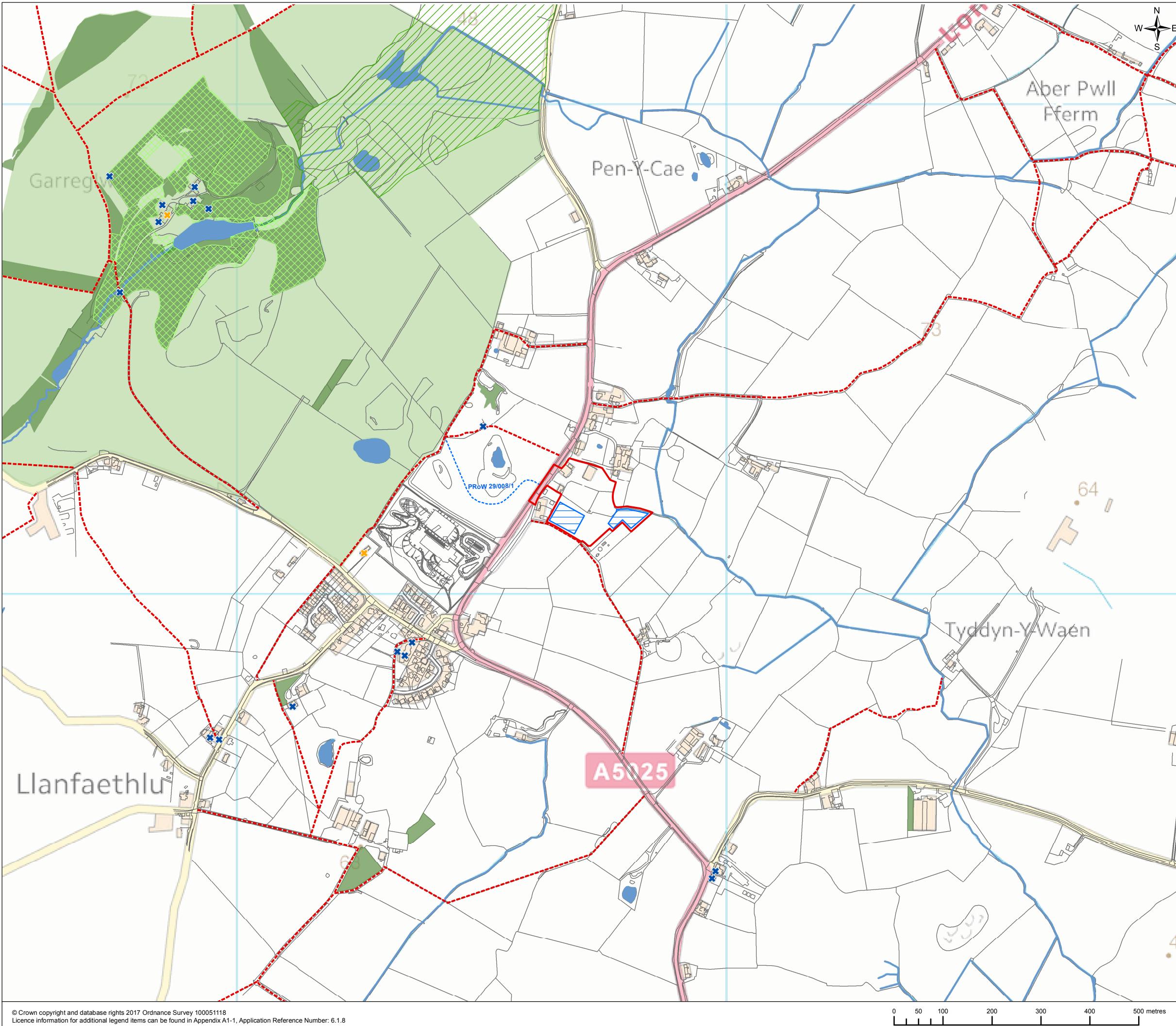
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- E1-4 Off-site power station facilities layout and land use of the site
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FIGURE E1-1



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						
OFF-SITE POWER STATION FACILITIES SITE LOCATION AND BOUNDARY						
Scale @ A3	1:6,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_01_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 E1-2



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

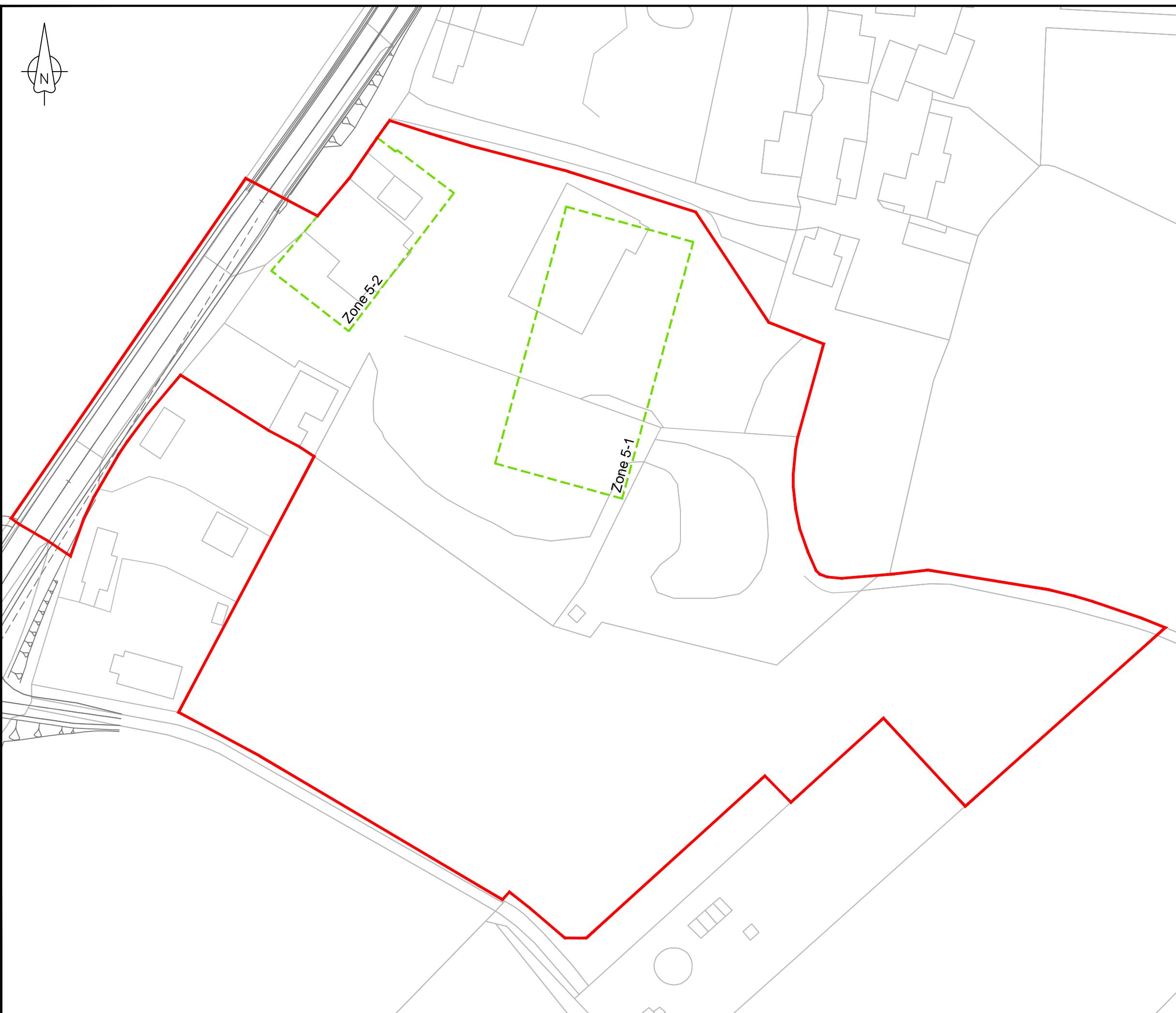
WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing Title  
OFF-SITE POWER STATION FACILITIES  
ENVIRONMENTAL CONTEXT OF THE AREA

Scale @ A3	1:7,500	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		
Drawing No.	60PO8077_DCO_VOL_E_01_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 E1-3**



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

Project

WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT

Drawing title

OFF-SITE POWER STATION FACILITIES  
PARAMETER PLAN

Scale @ A3

AS SHOWN

DO NOT SCALE

Jacobs No.

60PO8077

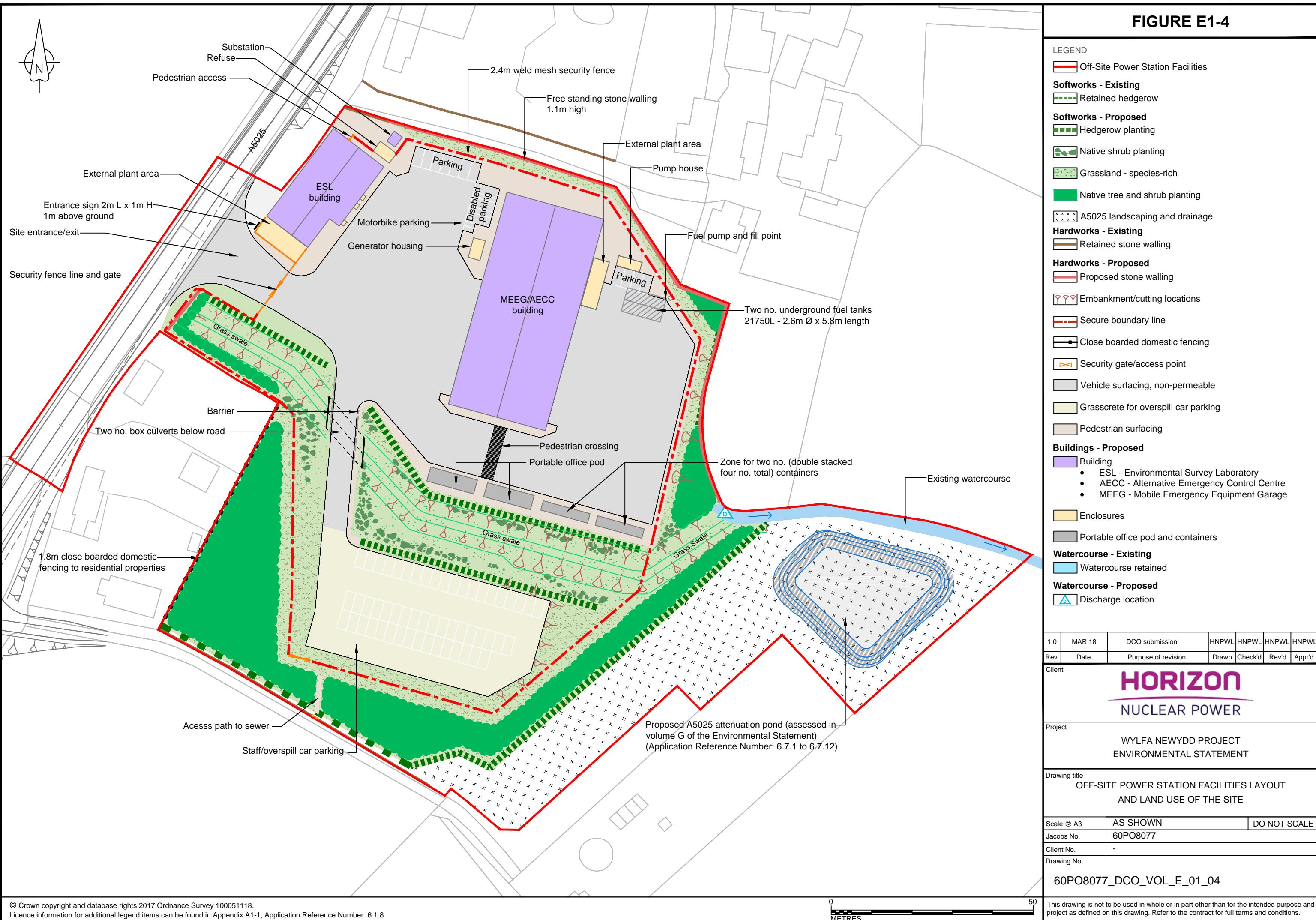
Client No.

-

Drawing No.

60PO8077\_DCO\_VOL\_E\_01\_03

FIGURE E1-4



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

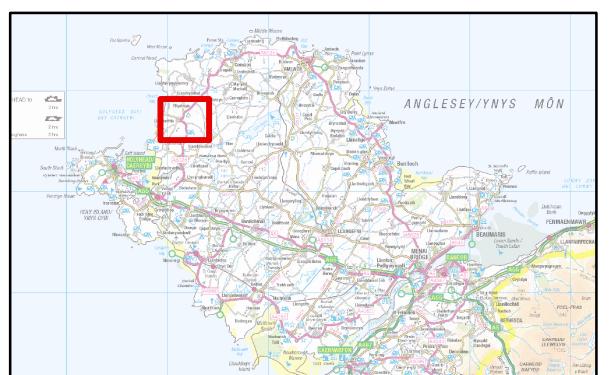
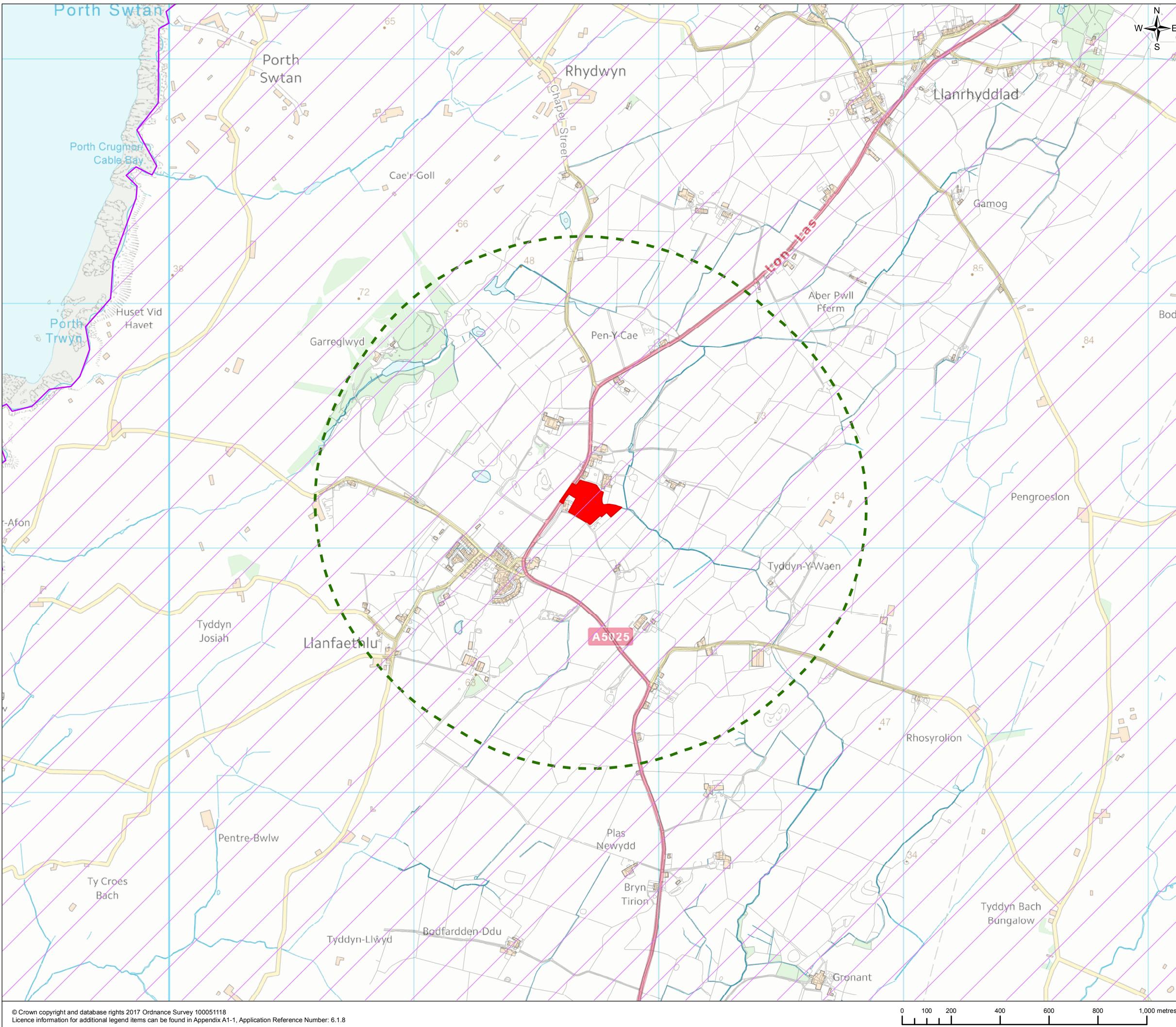
Drawing title

OFF-SITE POWER STATION FACILITIES LAYOUT  
AND LAND USE OF THE SITE

Scale @ A3	AS SHOWN	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.	-	
Drawing No.		

60PO8077\_DCO\_VOL\_E\_01\_04

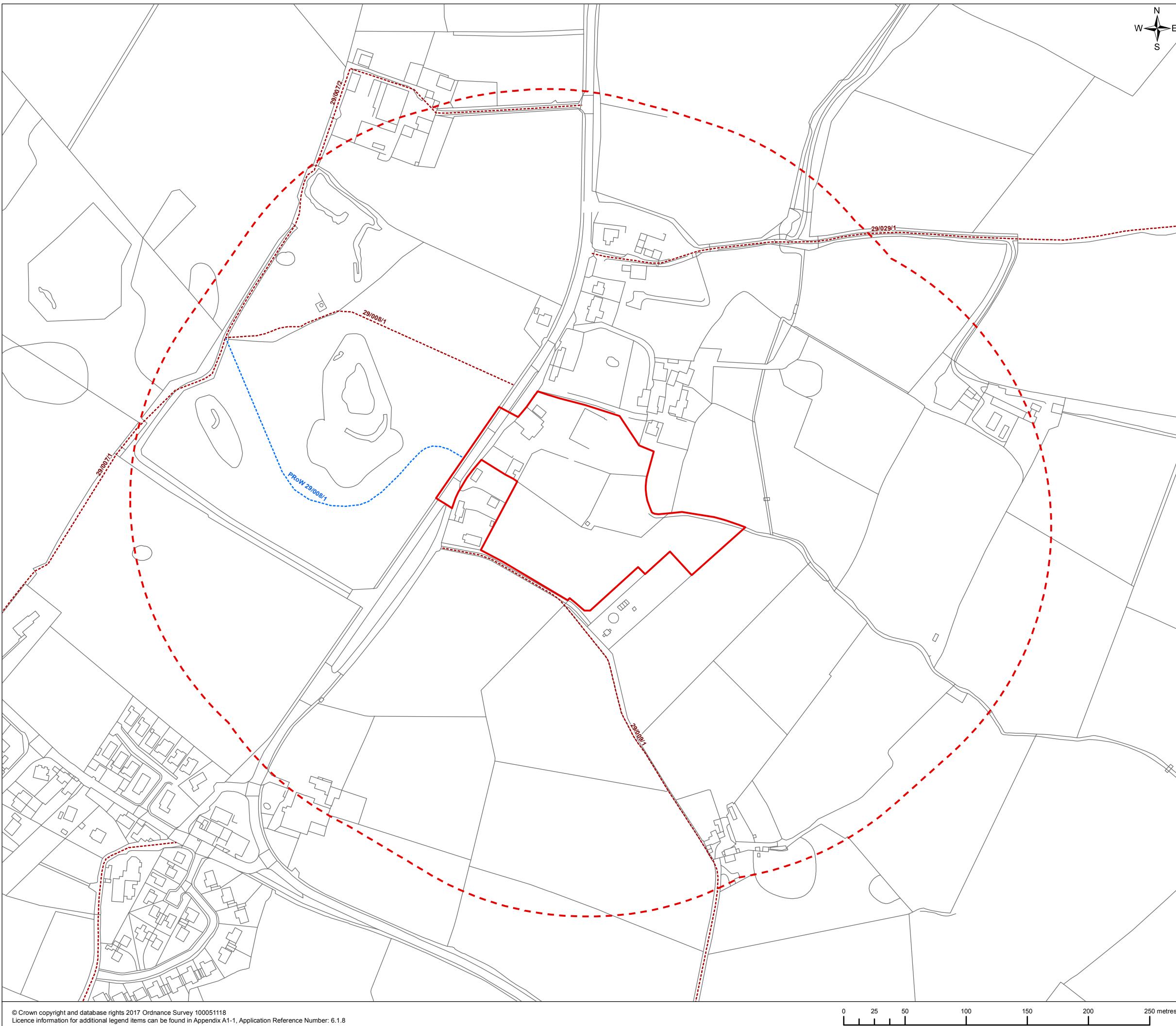
**FIGURE E3-1**



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						
OFF-SITE POWER STATION FACILITIES SOCIO-ECONOMIC STUDY AREAS						
Scale @ A3	1:15,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_03_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 E4-1**



Legend									
	Off-Site Power Station Facilities								
	Study area (250m buffer)								
	Public Right of Way (PROW)								
	Actual route of PRoW 29/008/01								
									
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									
PUBLIC ACCESS AND RECREATION BASELINE									
Scale @ A3	1:3,000	DO NOT SCALE							
Jacobs No.	60PO8077								
Client No.									
Drawing No.	60PO8077_DCO_VOL_E_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 E5-1**

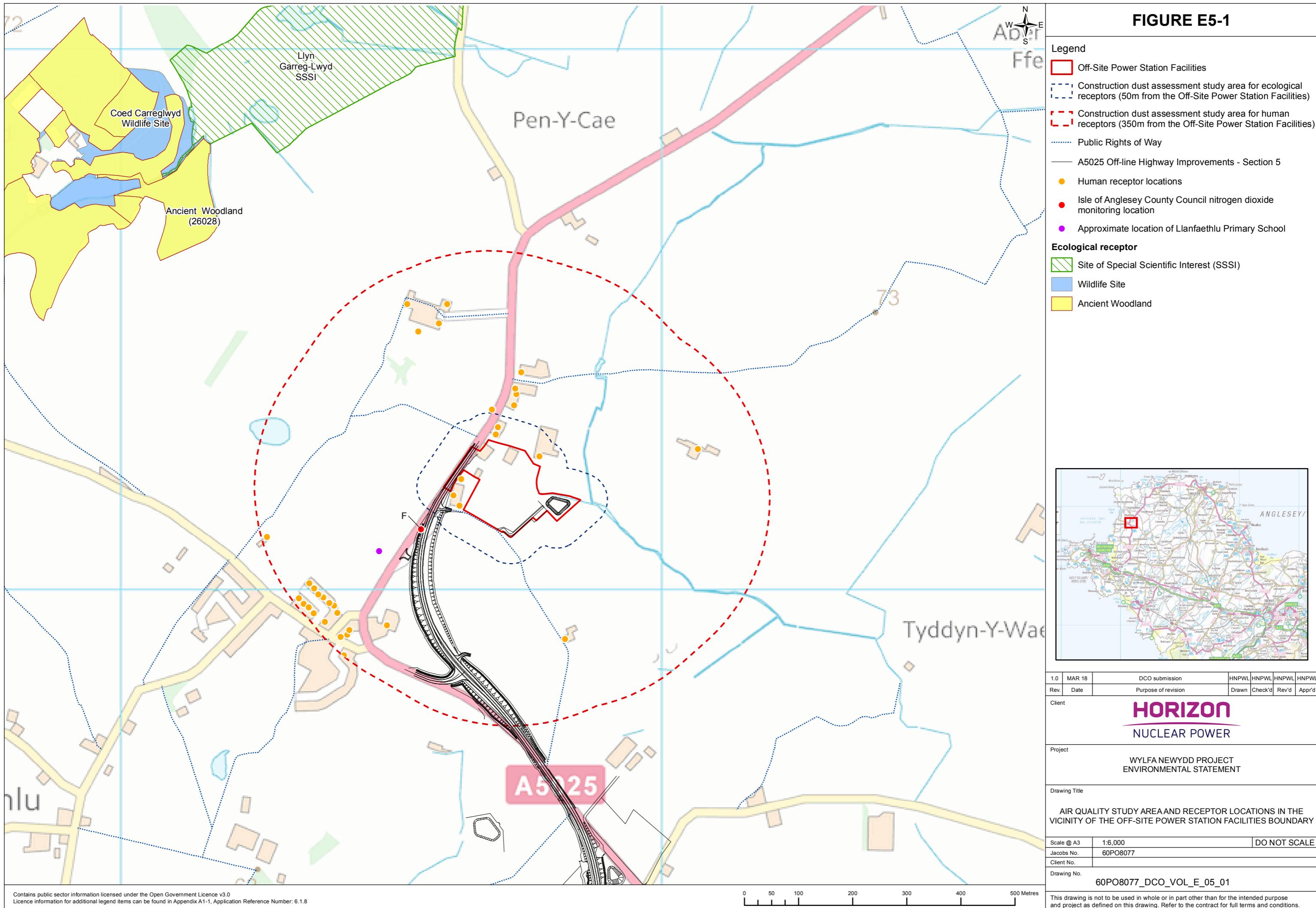
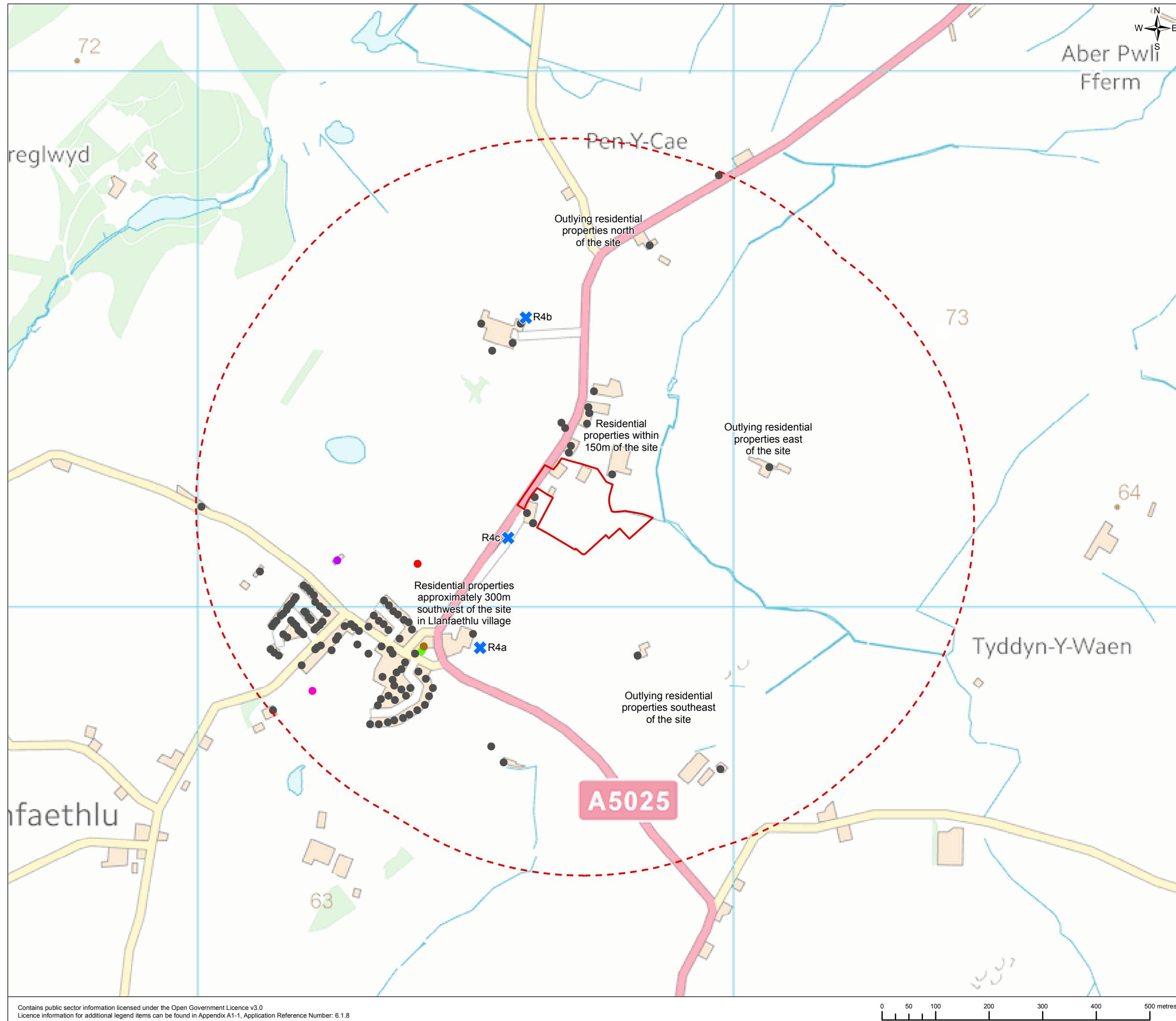
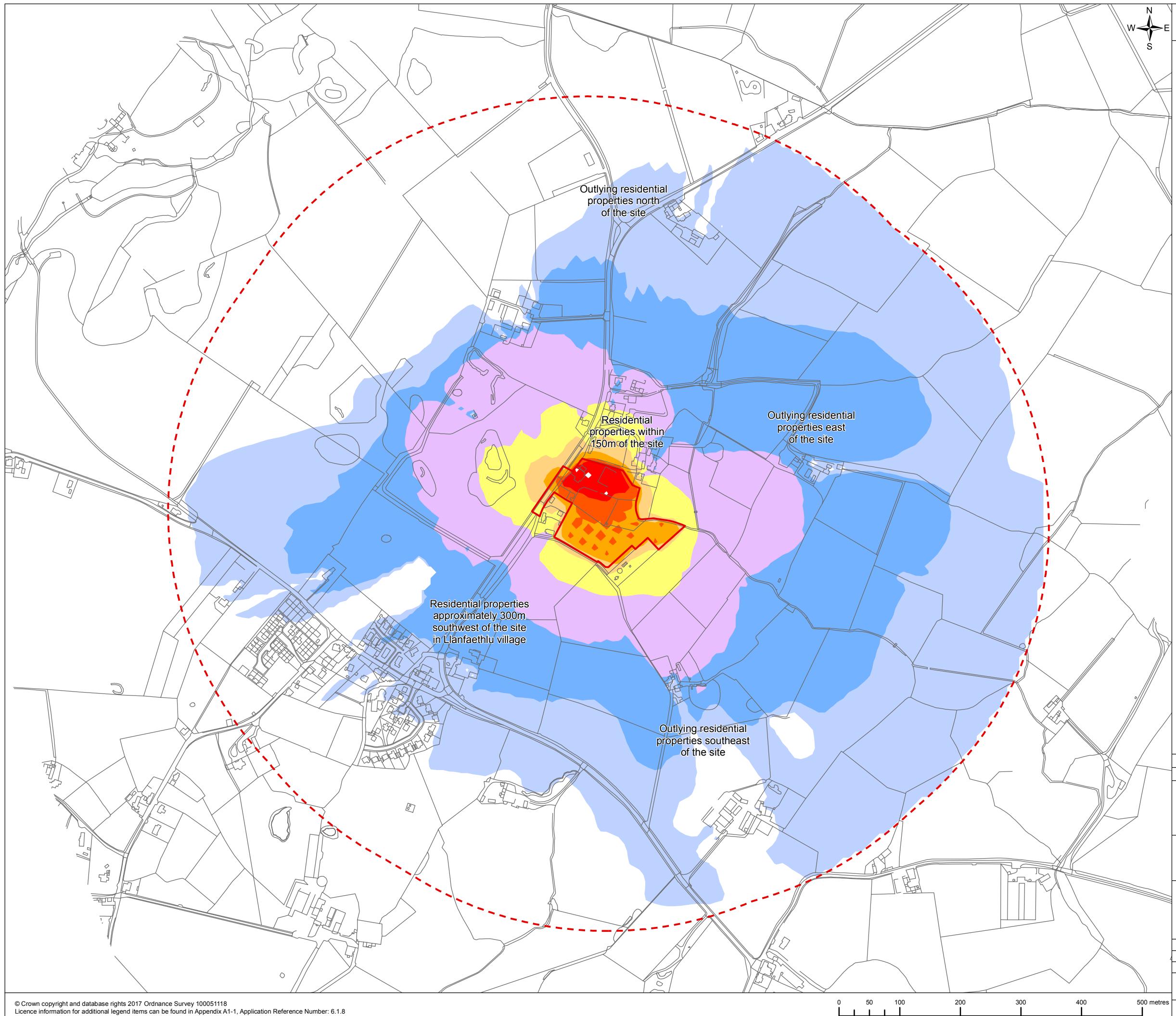


FIGURE E6-1



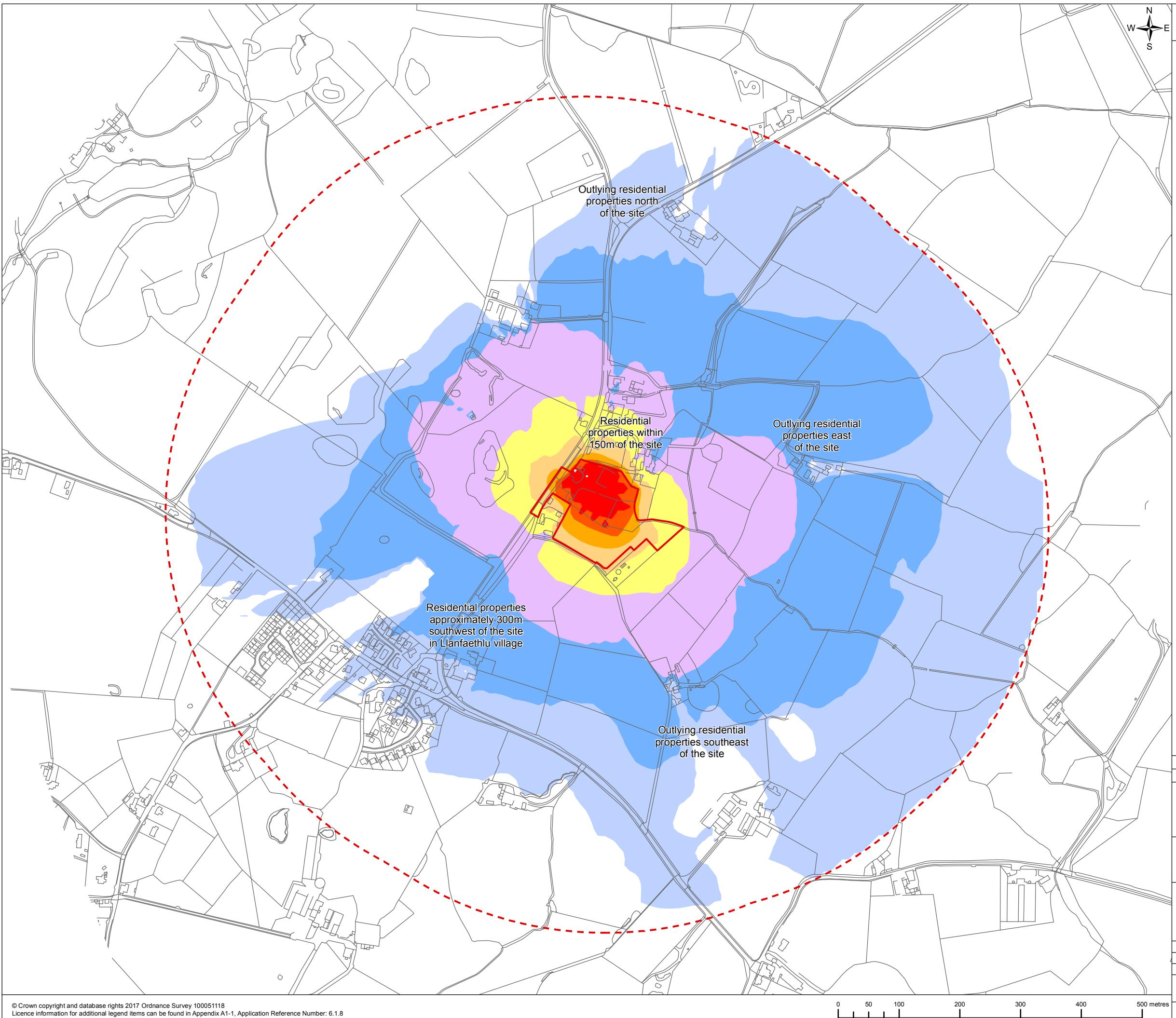
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON						
NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
OFF-SITE POWER STATION FACILITIES NOISE MONITORING AND RECEPTOR LOCATIONS						
Scale @ A3	1:6,819	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_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 E6-2



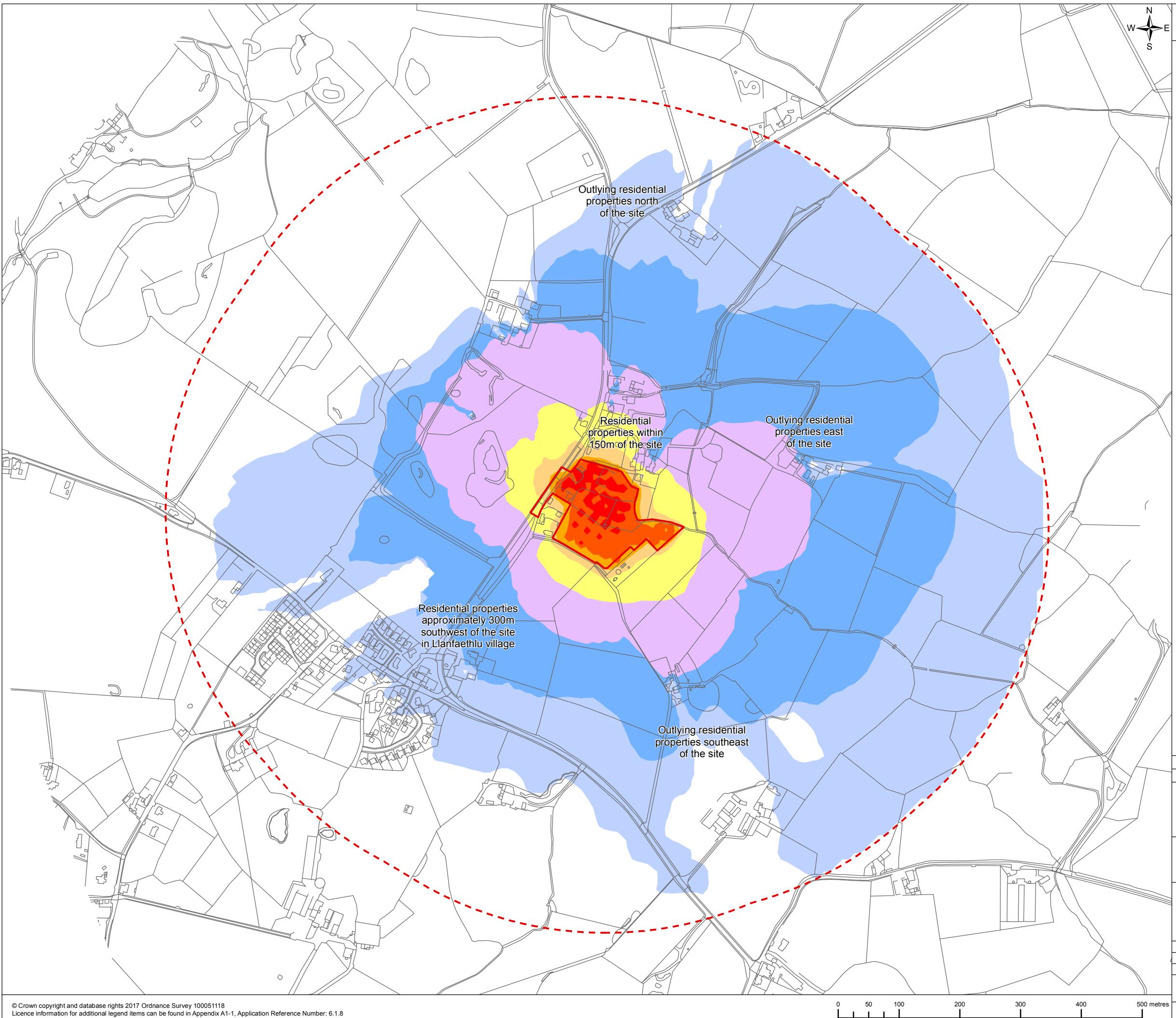
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
OFF-SITE POWER STATION FACILITIES NOISE CONTOURS CONSTRUCTION MONTH 3						
Scale @ A3	1:6,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_06_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 E6-3**



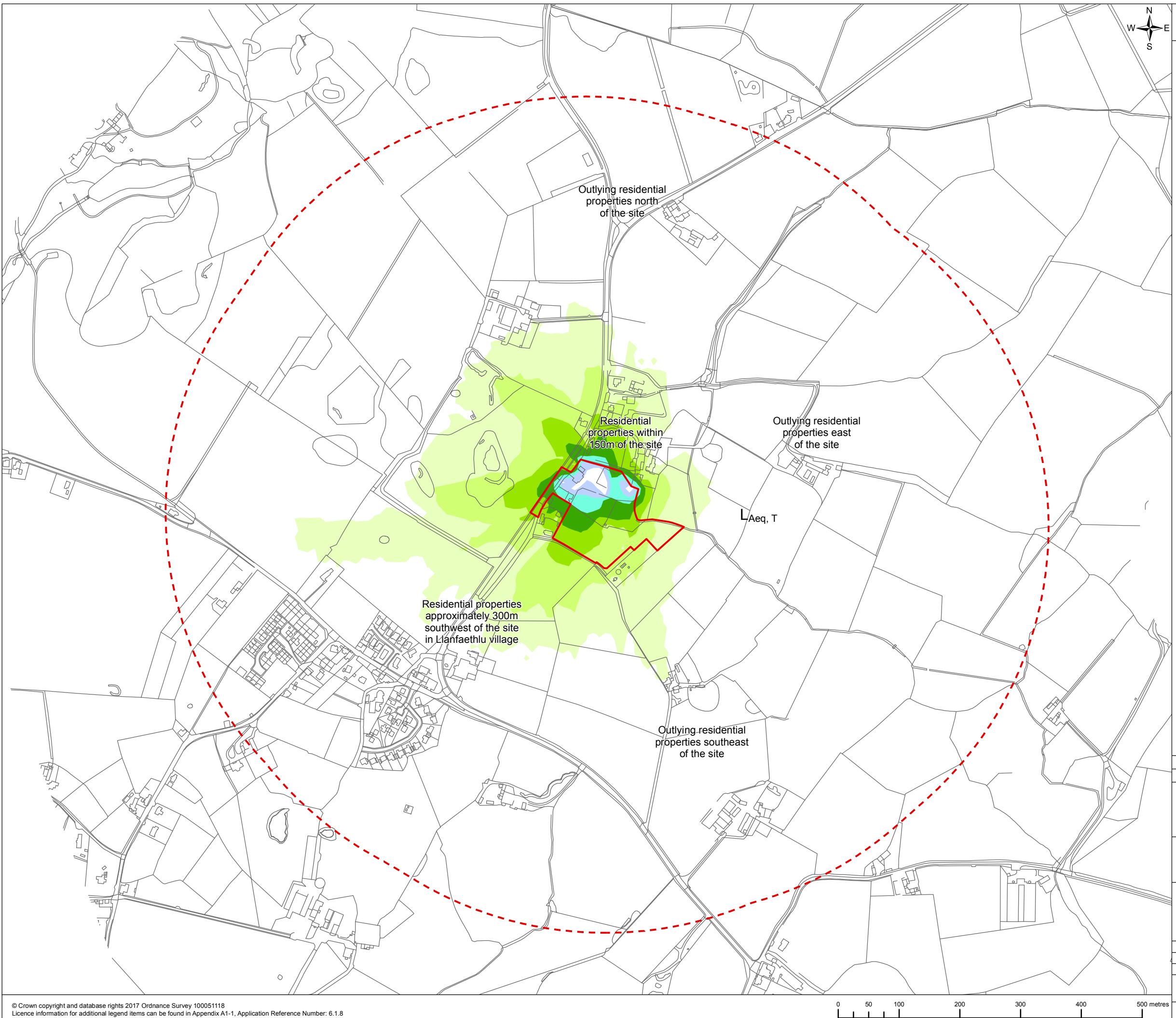
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
OFF-SITE POWER STATION FACILITIES NOISE CONTOURS CONSTRUCTION MONTH 13						
Scale @ A3	1:6,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_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 E6-4**



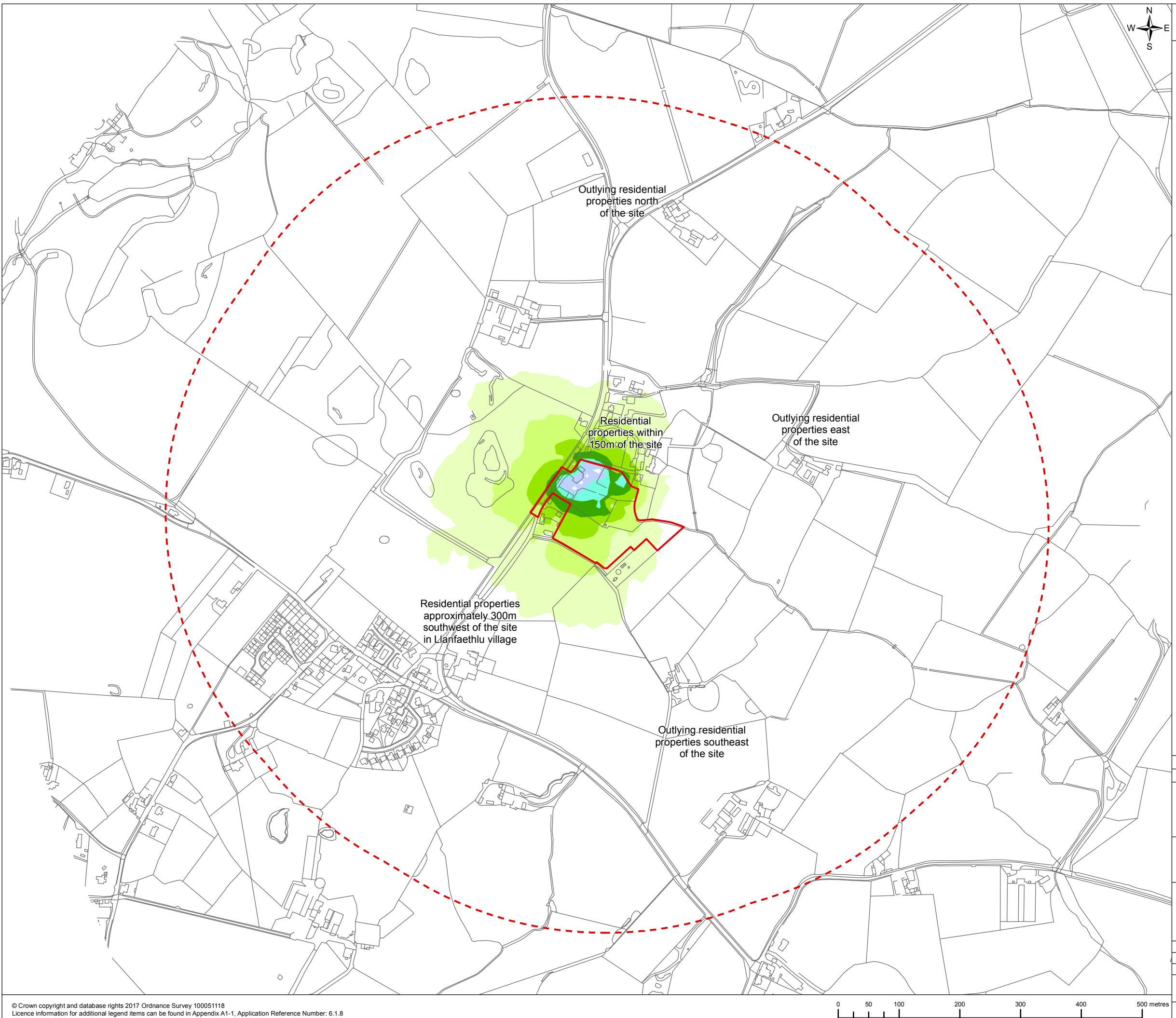
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
OFF-SITE POWER STATION FACILITIES NOISE CONTOURS CONSTRUCTION MONTH 17						
Scale @ A3	1:6,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_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 E6-5**



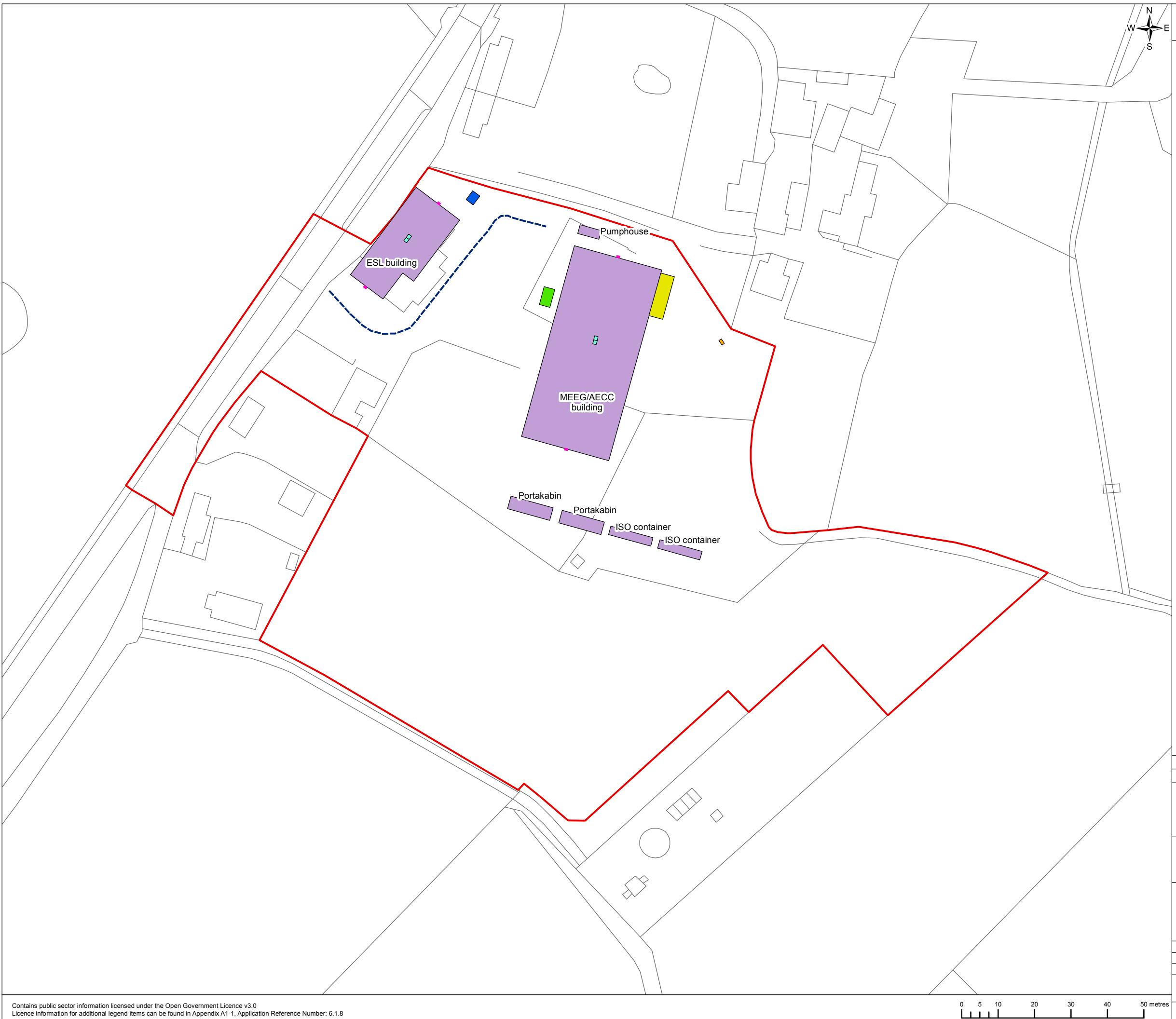
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
OFF-SITE POWER STATION FACILITIES NOISE CONTOURS DAY TIME OPERATION						
Scale @ A3	1:6,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_06_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 E6-6**



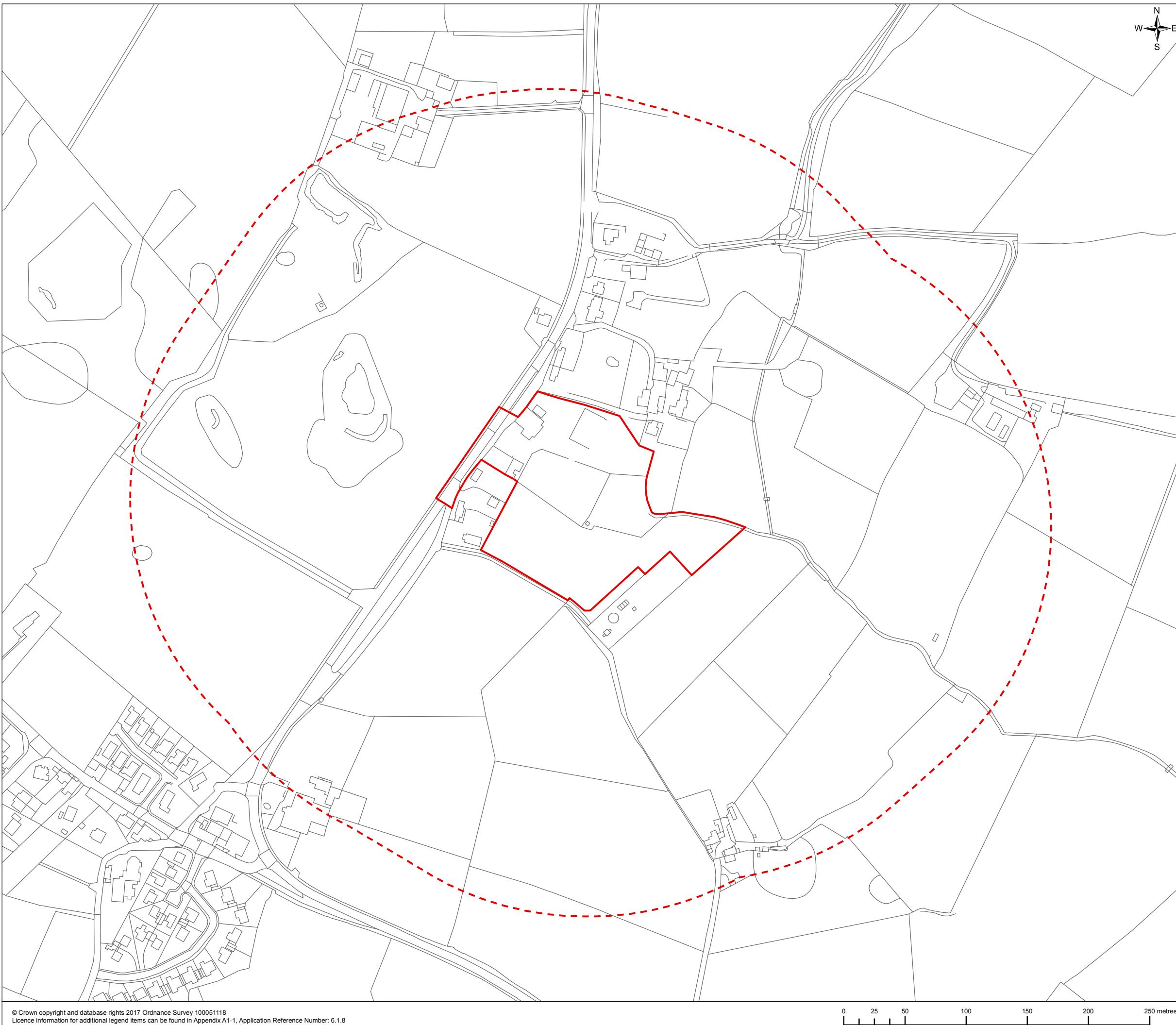
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
<b>HORIZON</b> NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
OFF-SITE POWER STATION FACILITIES NOISE MONITORING CONTOURS NIGHT TIME OPERATION						
Scale @ A3	1:6,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_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 E6-7



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						
OFF-SITE POWER STATION FACILITIES OPERATIONAL NOISE SOURCES						
Scale @ A3	1:1,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_06_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 E7-1**



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

SOILS AND GEOLOGY STUDY AREA

Scale @ A3 1:3,000 DO NOT SCALE

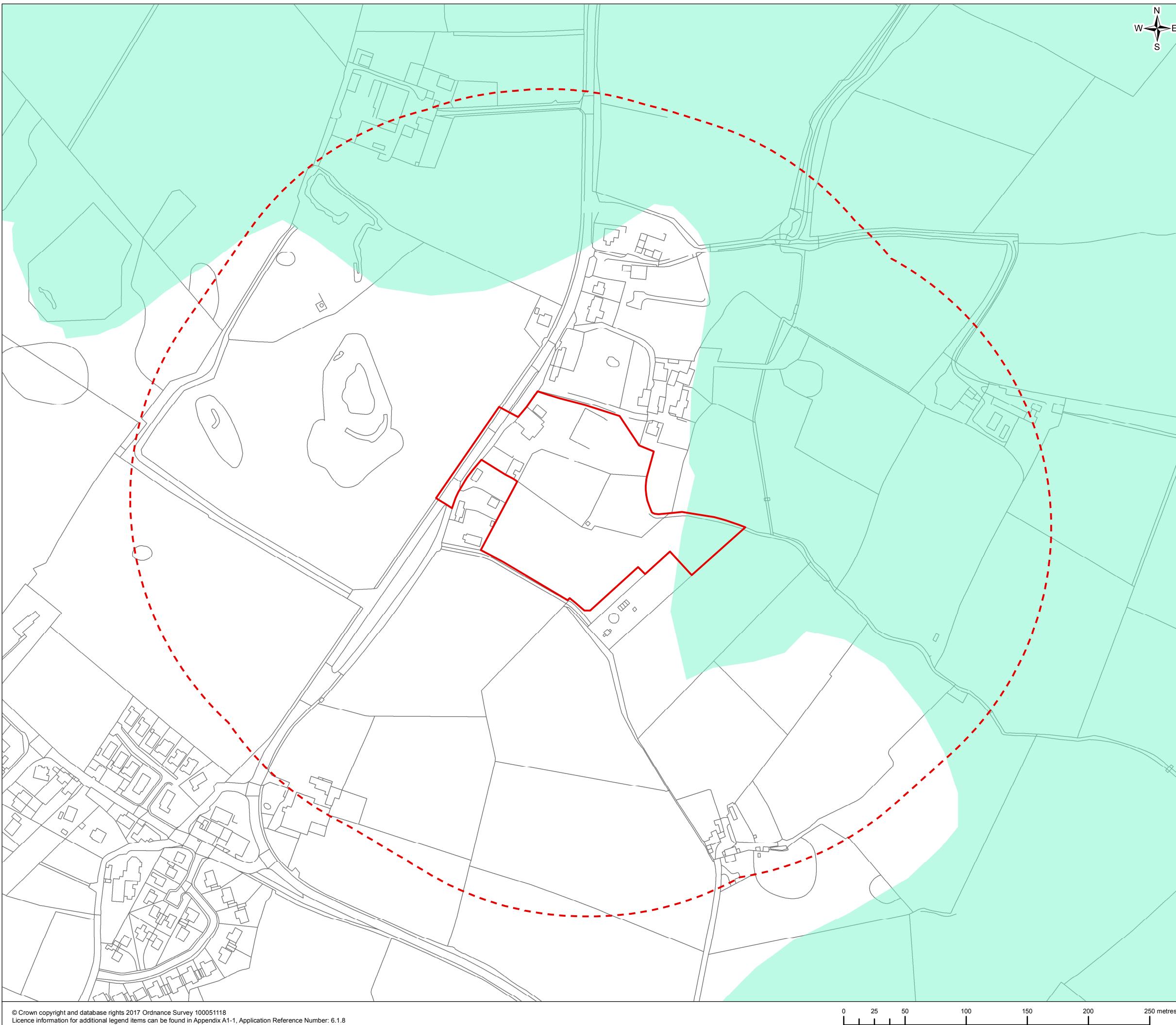
Jacobs No. 60PO8077

Client No.

Drawing No.

60PO8077\_DCO\_VOL\_E\_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 E7-2

## Legend

- Off-Site Power Station Facilities
- Study area (250m buffer)

Published Superficial Geology

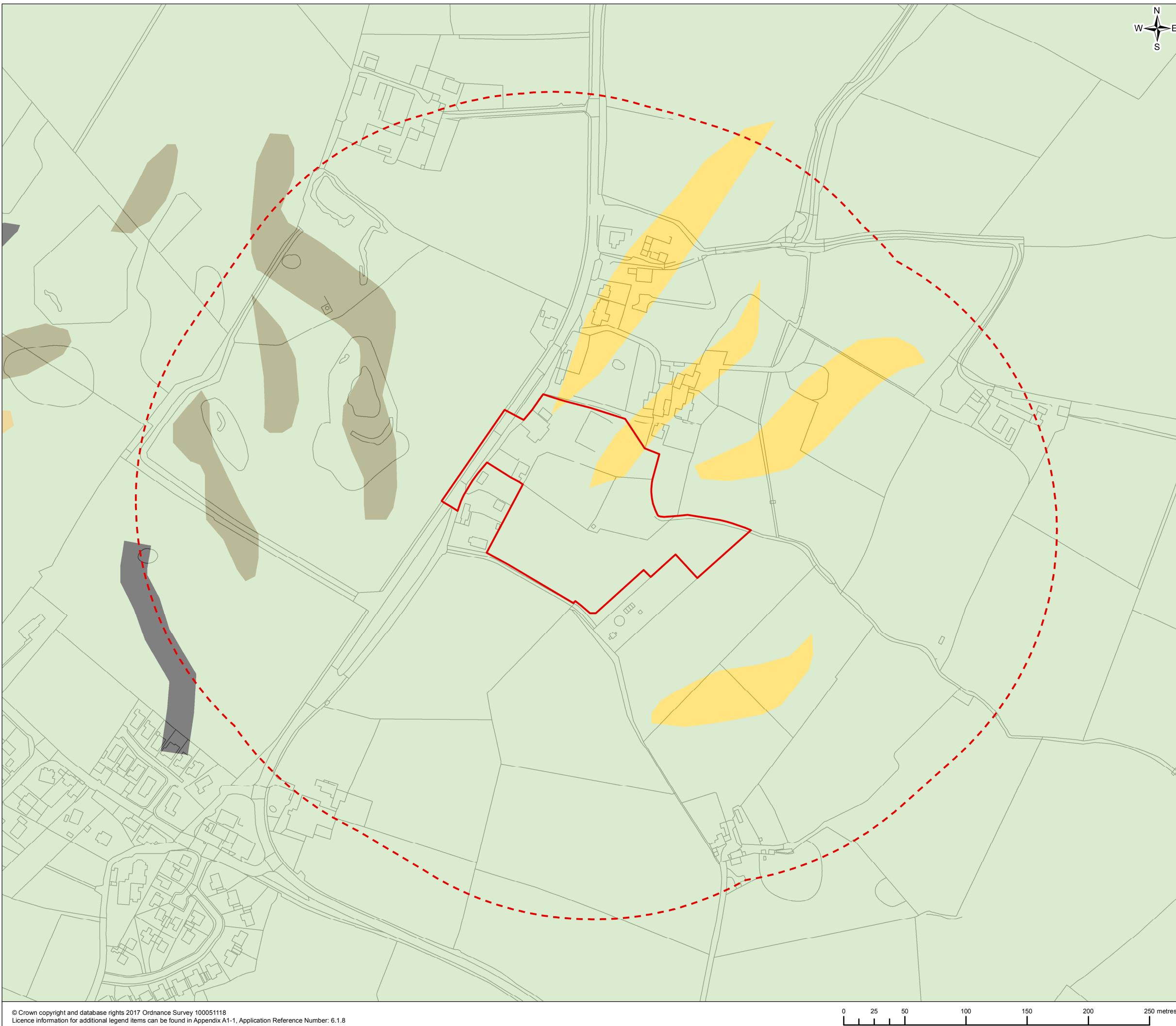
- Glacial till, Devensian



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>SUPERFICIAL GEOLOGY</b>						
Scale @ A3	1:3,000			DO NOT SCALE		
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_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 E7-3**



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						
BEDROCK GEOLOGY						
Scale @ A3	1:3,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_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 E7-4

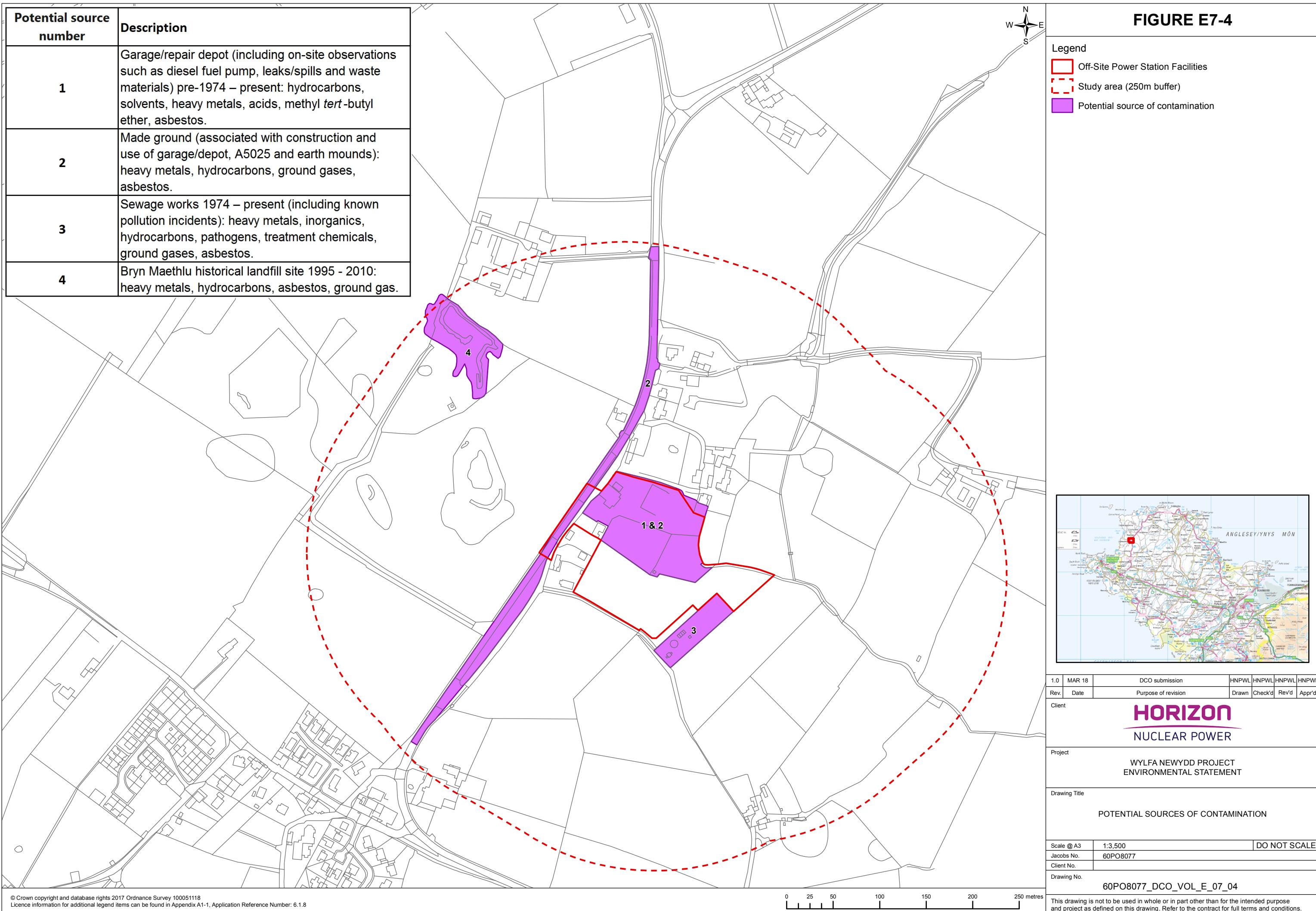
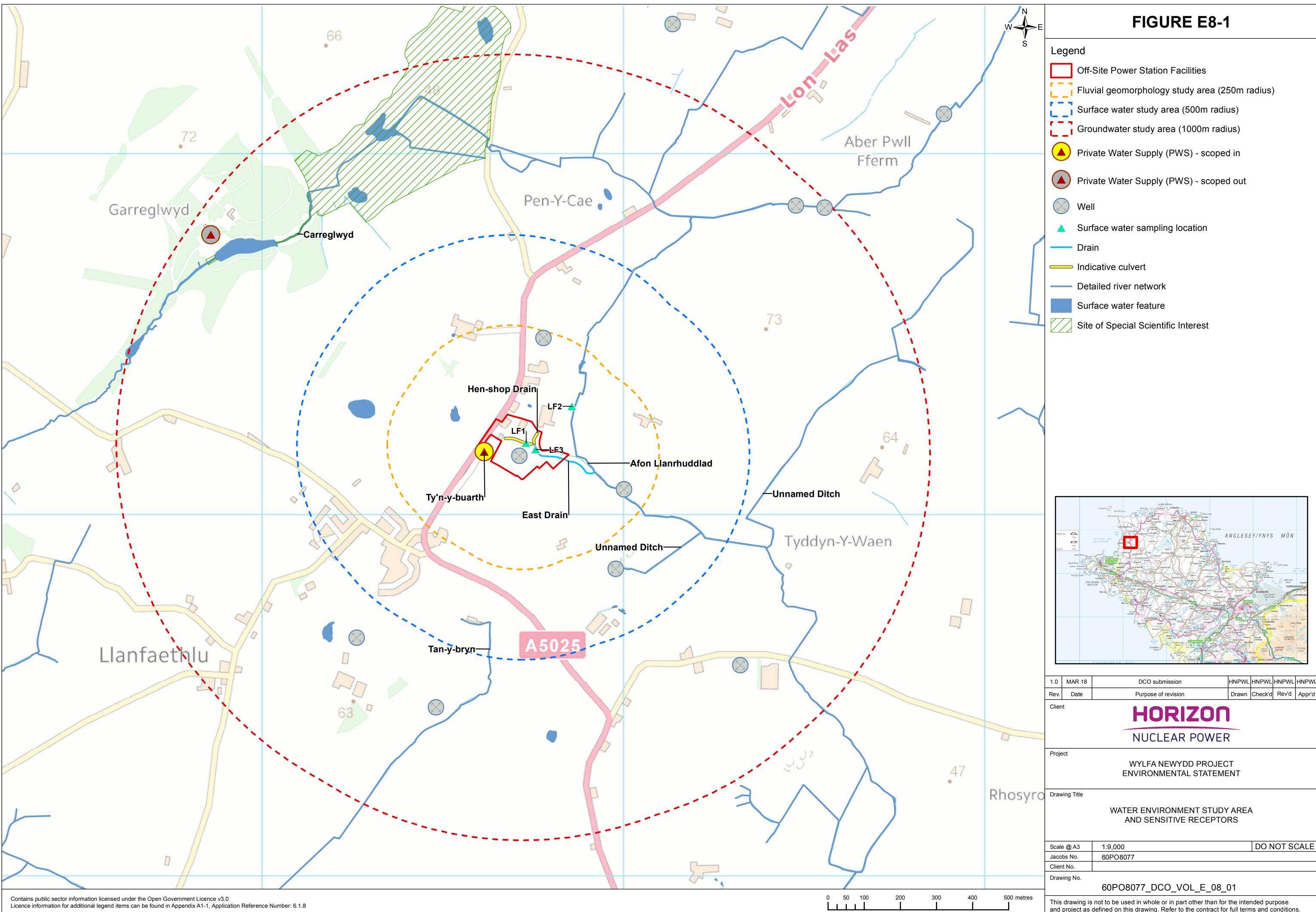
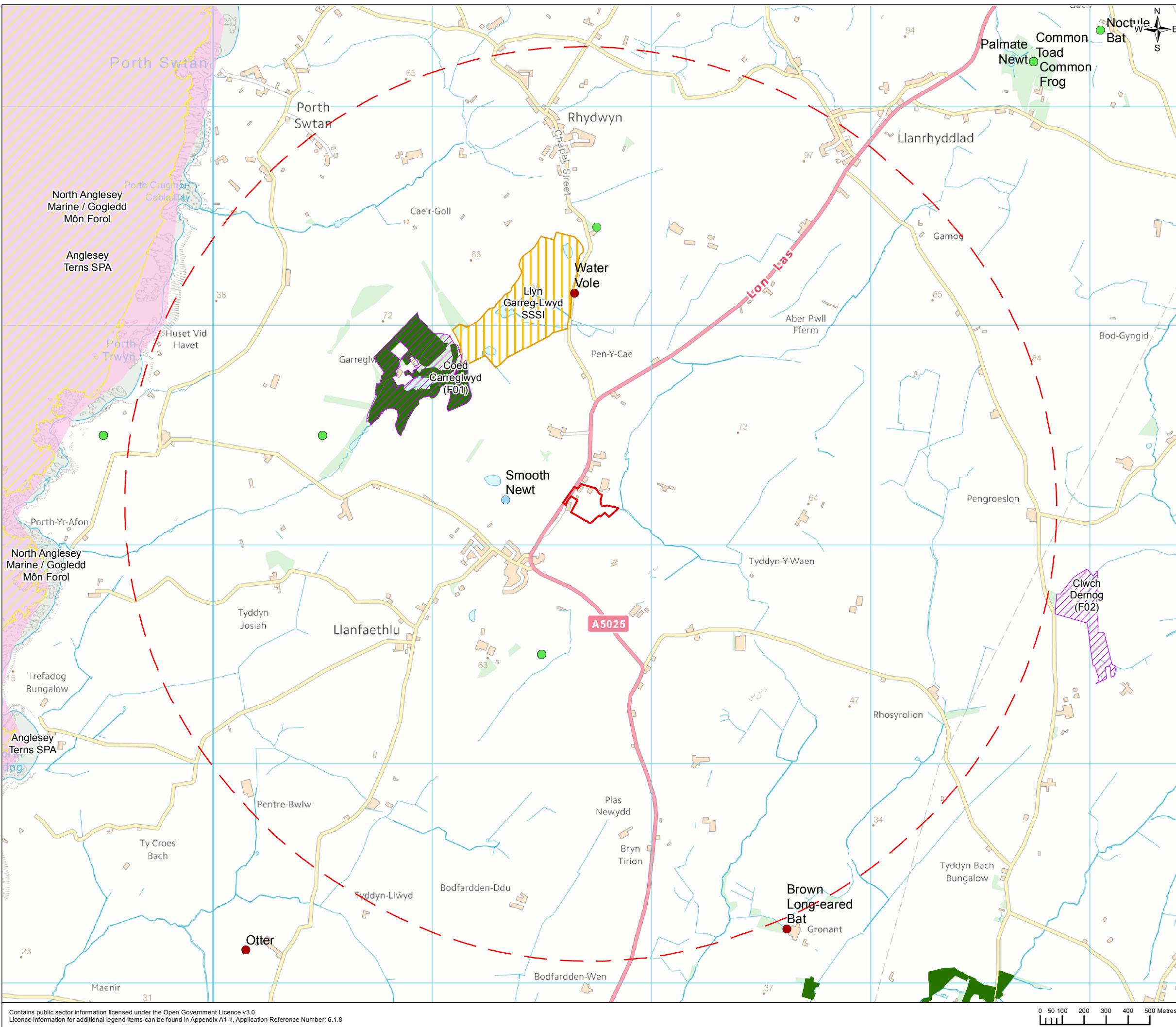


FIGURE E8-1



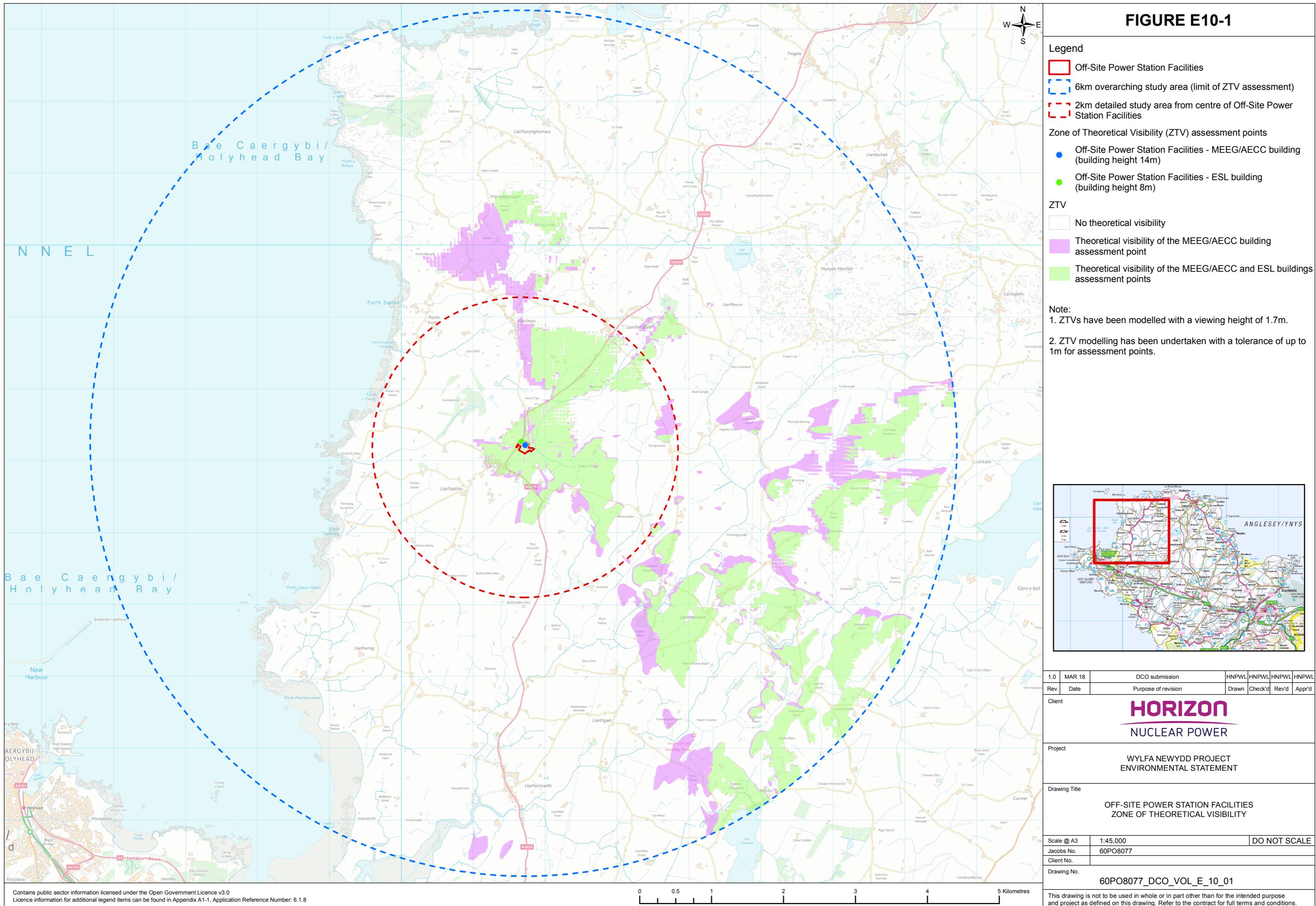
**FIGURE E9-1**



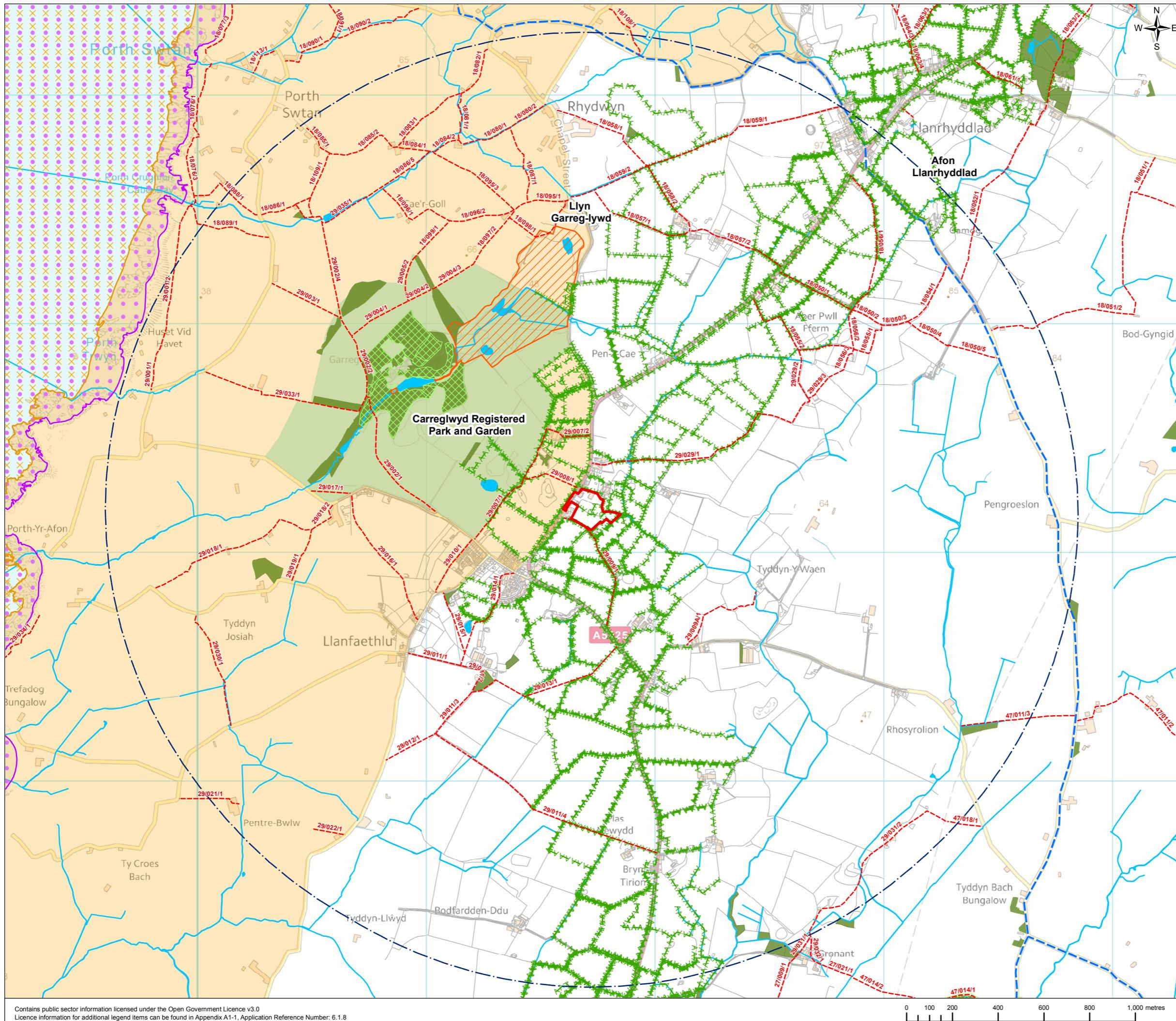
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
STATUTORY AND NON-STATUTORY SITES FOR NATURE CONSERVATION AND COFNOD RECORDS WITHIN THE STUDY AREA						
Scale @ A3	1:16,750	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_09_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 E10-1**



**FIGURE E10-2**



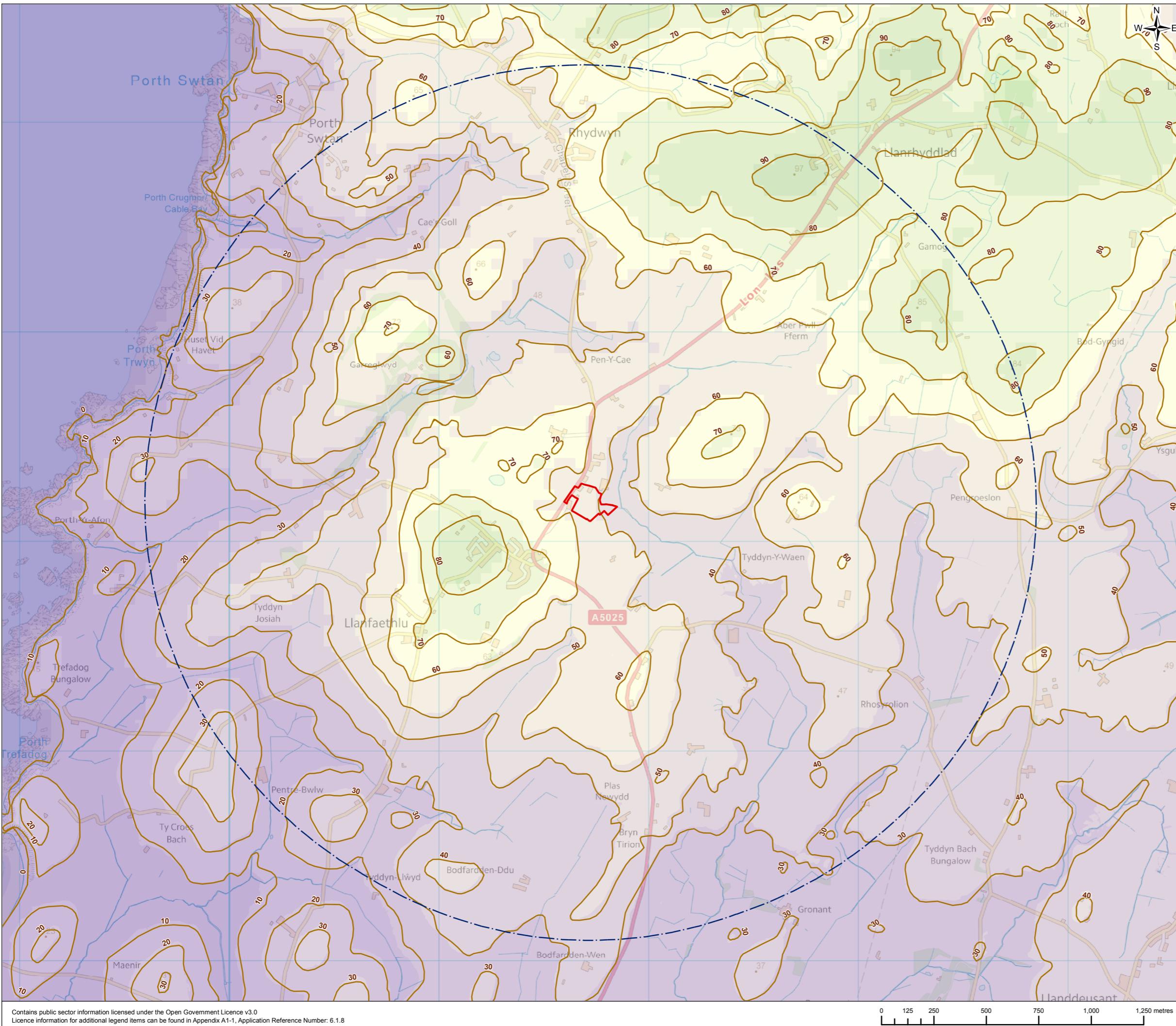
Legend	
<span style="border: 2px solid red; display: inline-block; width: 15px; height: 15px;"></span>	Off-Site Power Station Facilities
<span style="border: 1px dashed blue; display: inline-block; width: 15px; height: 15px;"></span>	2km detailed study area from centre of Off-Site Power Station Facilities
<span style="color: red; border: 1px dashed red; display: inline-block; width: 15px; height: 15px;"></span>	Public Right of Way
<span style="color: blue; border: 1px dashed blue; display: inline-block; width: 15px; height: 15px;"></span>	Copper Trail / National Cycle Network Route 566
<span style="color: orange; background-color: orange; display: inline-block; width: 15px; height: 15px;"></span>	LLyn Garreg-lwyd Site of Special Scientific Interest (SSSI)
<span style="color: orange; border: 1px dashed orange; display: inline-block; width: 15px; height: 15px;"></span>	North Anglesey Marine / Gogledd Mon Forol Special Area of Conservation (SAC)
<span style="color: purple; border: 1px dashed purple; display: inline-block; width: 15px; height: 15px;"></span>	Anglesey Terns / Morwenoliaid Ynys Mon Special Protection Area (SPA)
<span style="color: yellow; border: 1px dashed yellow; display: inline-block; width: 15px; height: 15px;"></span>	Isle of Anglesey Area of Outstanding Natural Beauty (AONB)
<span style="color: green; border: 1px dashed green; display: inline-block; width: 15px; height: 15px;"></span>	Hedgerows (local to the Off-Site Power Station Facilities and A5025 corridor)
<span style="color: darkgreen; display: inline-block; width: 15px; height: 15px;"></span>	Woodland
<span style="color: green; border: 1px dashed green; display: inline-block; width: 15px; height: 15px;"></span>	Ancient Woodland
<span style="color: lightgreen; border: 1px dashed lightgreen; display: inline-block; width: 15px; height: 15px;"></span>	Registered Park and Garden
<span style="color: blue; display: inline-block; width: 15px; height: 15px;"></span>	Watercourse
<span style="color: blue; border: 1px solid blue; display: inline-block; width: 15px; height: 15px;"></span>	Surface water feature



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						
OFF-SITE POWER STATION FACILITIES LANDSCAPE PLANNING CONTEXT AND LOCAL LANDSCAPE CONTEXT						
Scale @ A3	1:16,000	DO NOT SCALE				
Jacobs No.	60PO8058					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_10_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 E10-3**



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  
OFF-SITE POWER STATION FACILITIES  
TOPOGRAPHY

Scale @ A3	1:17,500	DO NOT SCALE
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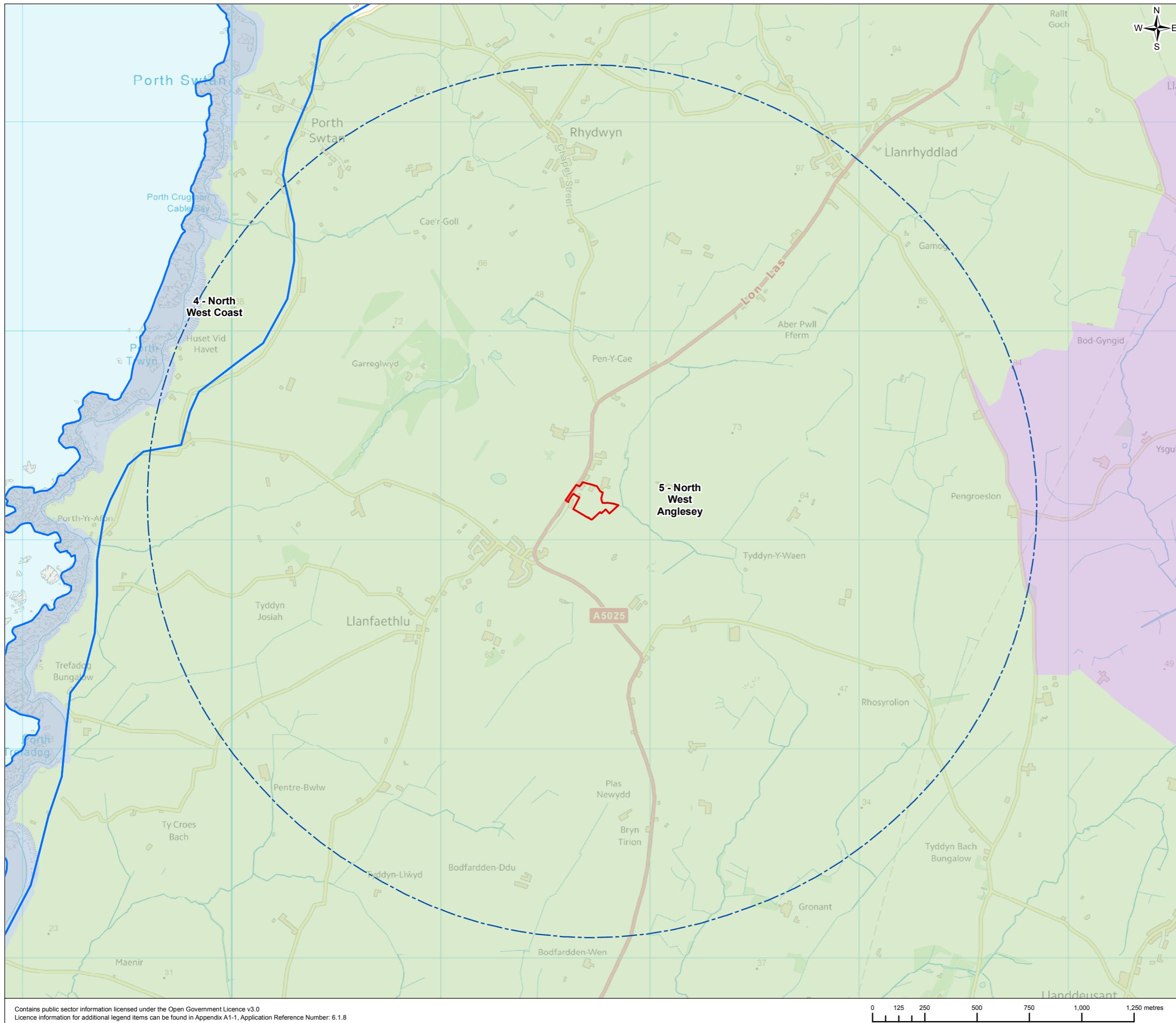
Jacobs No.	60PO8077
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Client No.	
------------	--

Drawing No.	60PO8077_DCO_VOL_E_10_03
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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 E10-4



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

Client

**HORIZON**  
NUCLEAR POWER

Project

**WYLFA NEWYDD PROJECT  
ENVIRONMENTAL STATEMENT**

Drawing Title

**OFF-SITE POWER STATION FACILITIES  
LANDSCAPE CHARACTER  
(PUBLISHED SOURCES)**

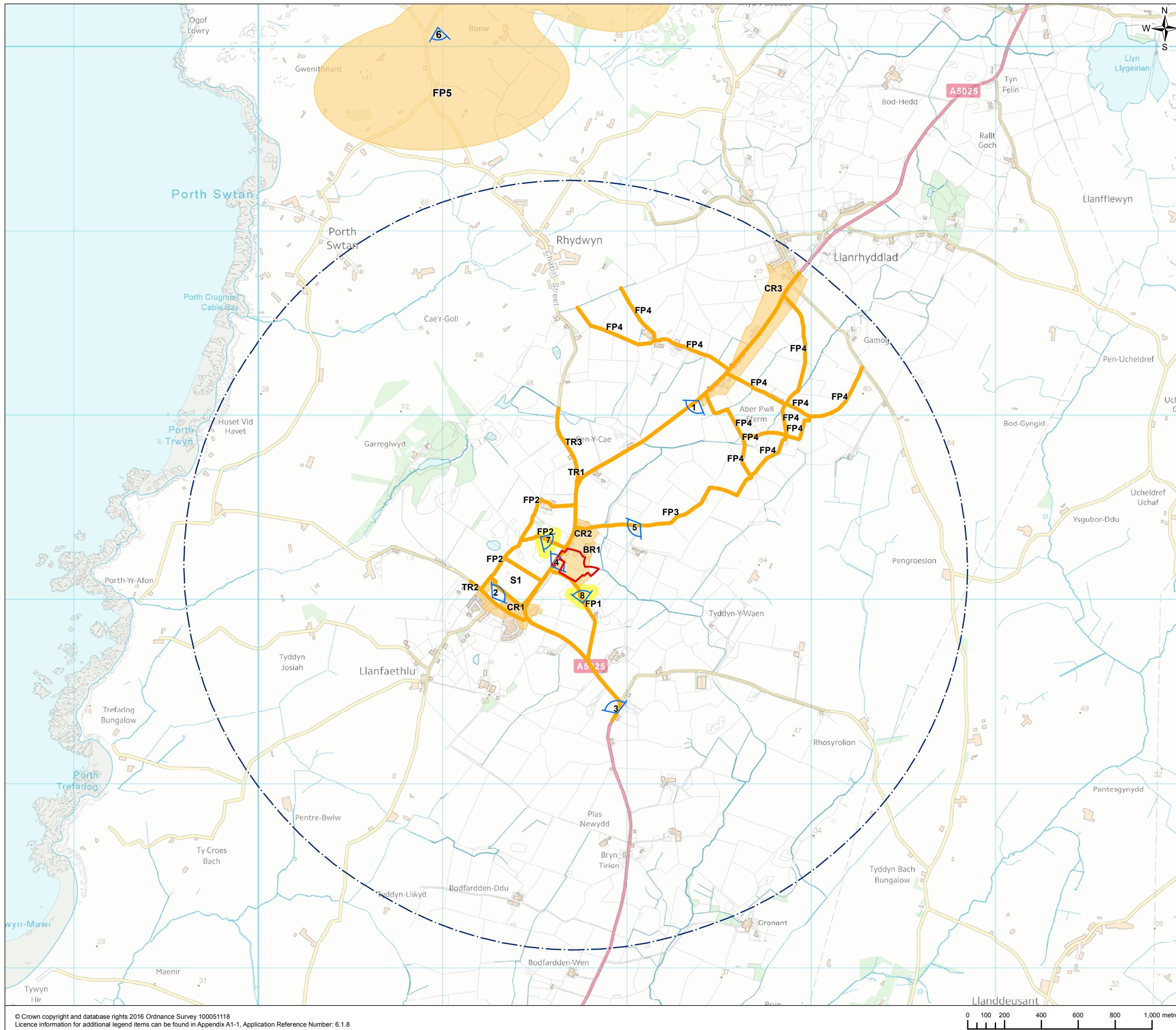
Scale @ A3	1:17,500	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		

Drawing No.

**60PO8077\_DCO\_VOL\_E\_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 E10-5**



**Legend**

- Off-Site Power Station Facilities
- 2km study area
- Representative viewpoint location
- Photomontage location
- Visual receptor
- BR Commercial receptor
- CR Community receptor
- FP Recreational receptor (footpath)
- TR Transient receptor



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						
OFF-SITE POWER STATION FACILITIES VIEWPOINT LOCATIONS AND VISUAL RECEPTORS						
Scale @ A3	1:20,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_E_10_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 E11-1**

