

Wylfa Newydd Project

Volume 6: Environmental Statement (Part 52/73)

ES Volume F - Park and Ride Figure Booklet - Volume F

PINS Reference Number: EN010007

Application Reference Number: 6.6.38

June 2018

Revision 1.0

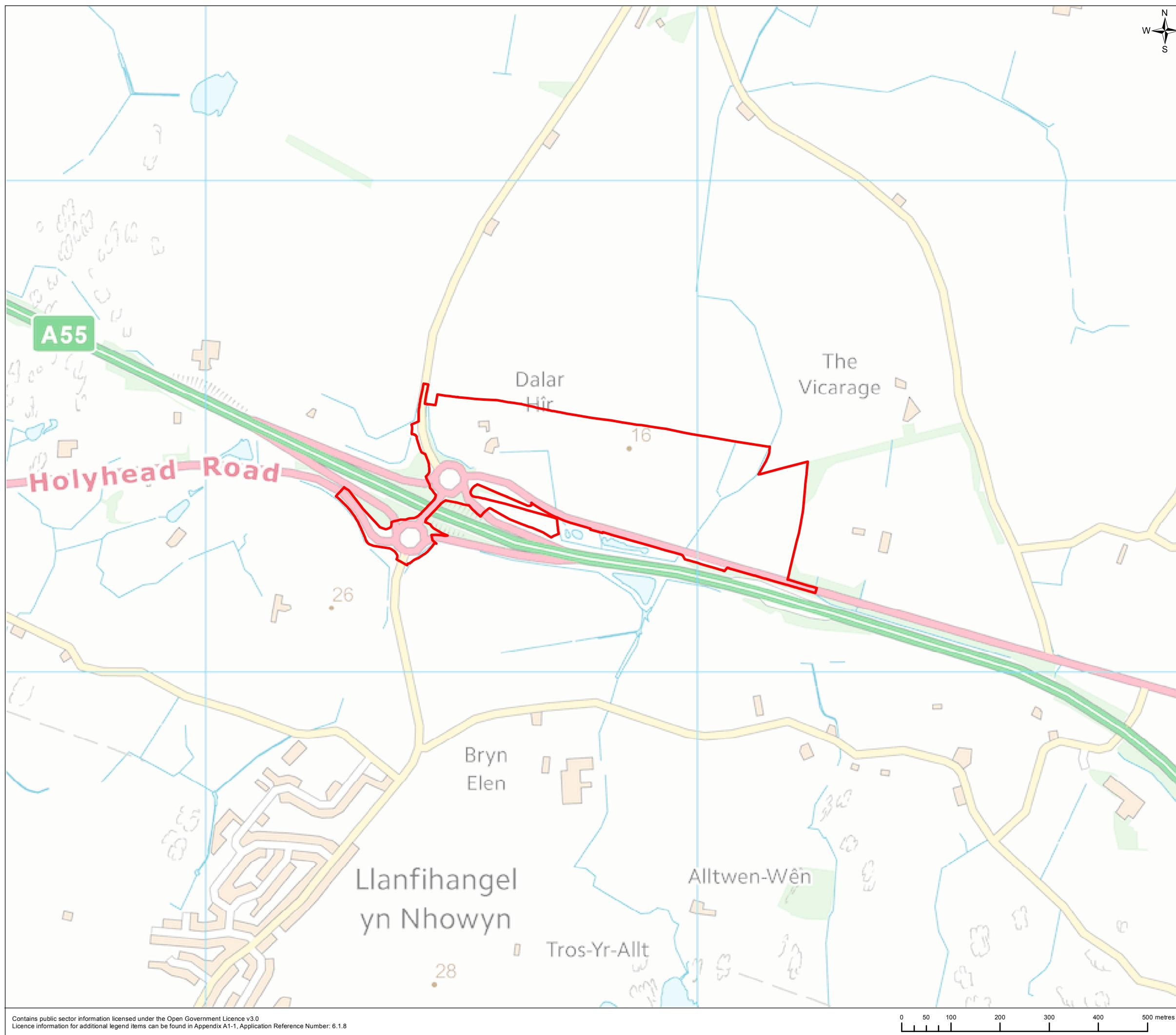
Regulation Number: 5(2)(a)

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

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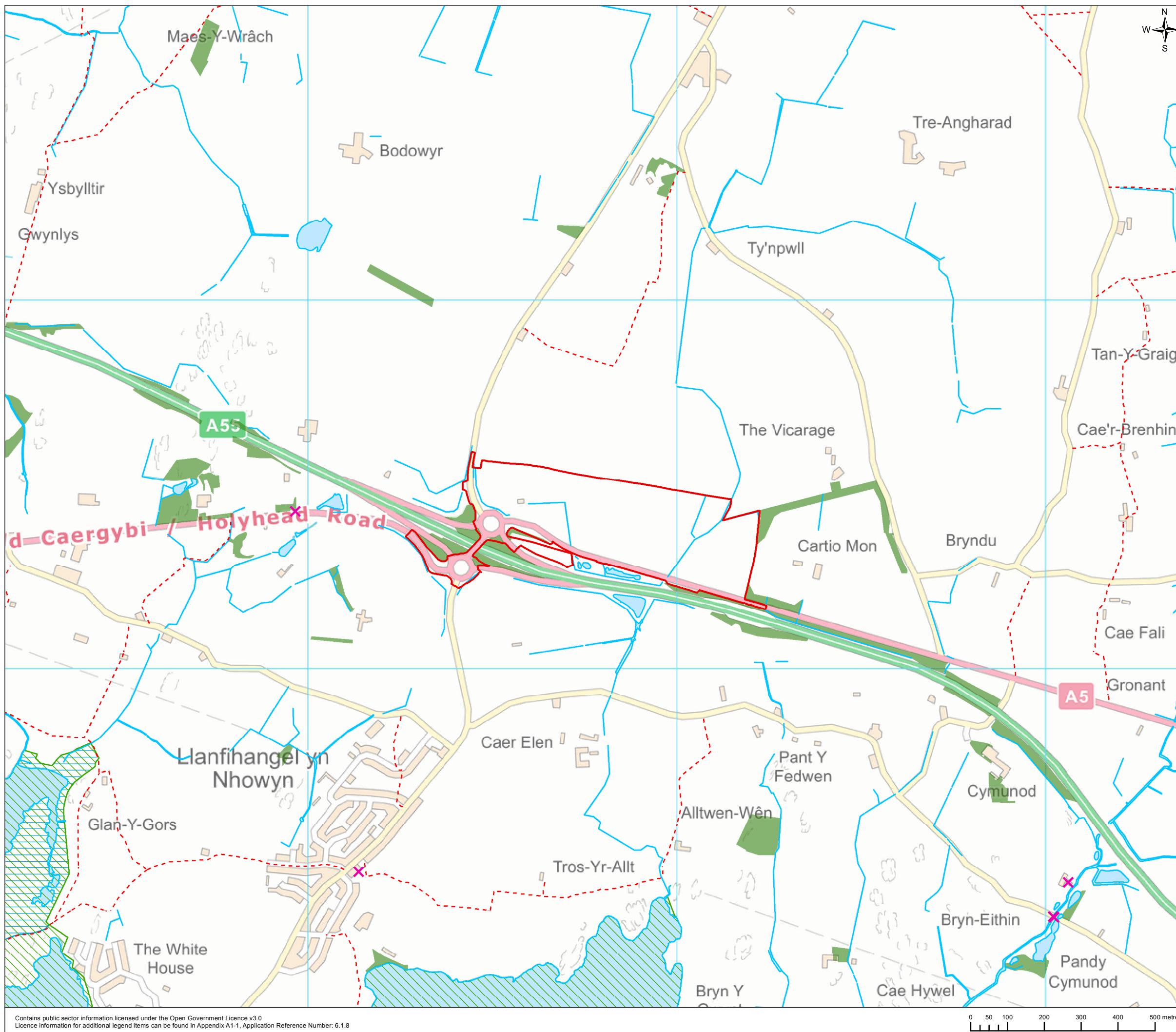
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FIGURE F1-1



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						
PARK AND RIDE SITE LOCATION AND BOUNDARY						
Scale @ A3	1:7,500	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_F_01_01					
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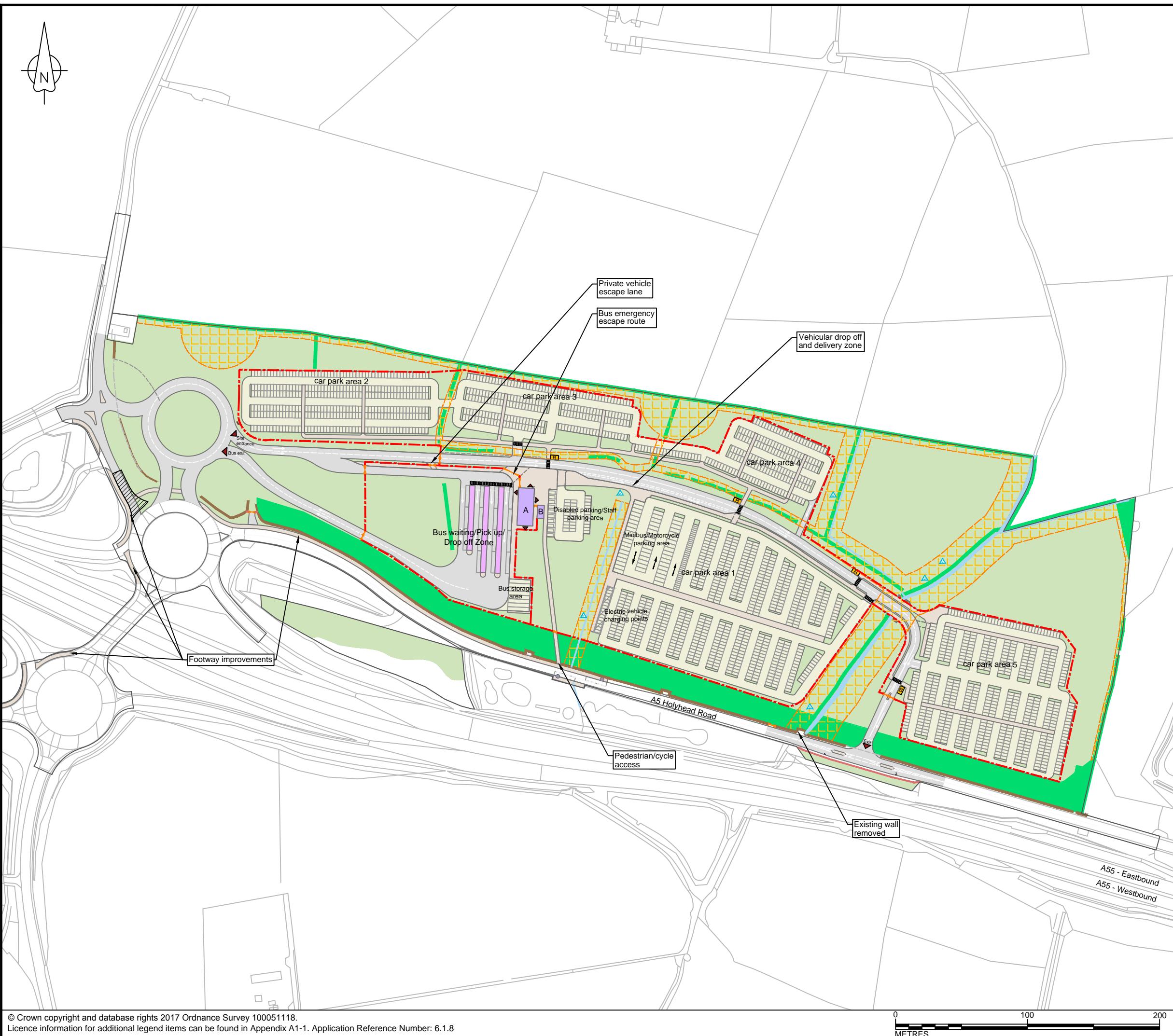
FIGURE F1-2



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						
PARK AND RIDE ENVIRONMENTAL CONTEXT OF THE AREA						
Scale @ A3	1:10,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_F_01_02					

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FIGURE F1-3



LEGEND	
Softworks - Retained	Retained vegetation
	Retained hedgerow
Softworks - Proposed	Proposed soft landscaping
	Environmental buffer zone
Hardworks - Retained	Retained stone walling
Hardworks - Proposed	Proposed security fence
	Proposed road surface
	Proposed 'grasscrete' car park
	Proposed footway/pedestrian route surface
	Proposed stone walling
	Temporary highway closure
Buildings - Proposed	Proposed building access point/entrance
	A Bus transport facility building
	B Cycle store
	B Bus stop
Water - Existing	Existing watercourse
	Discharge point

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

PARK AND RIDE LAYOUT AND
LAND USES OF THE SITE

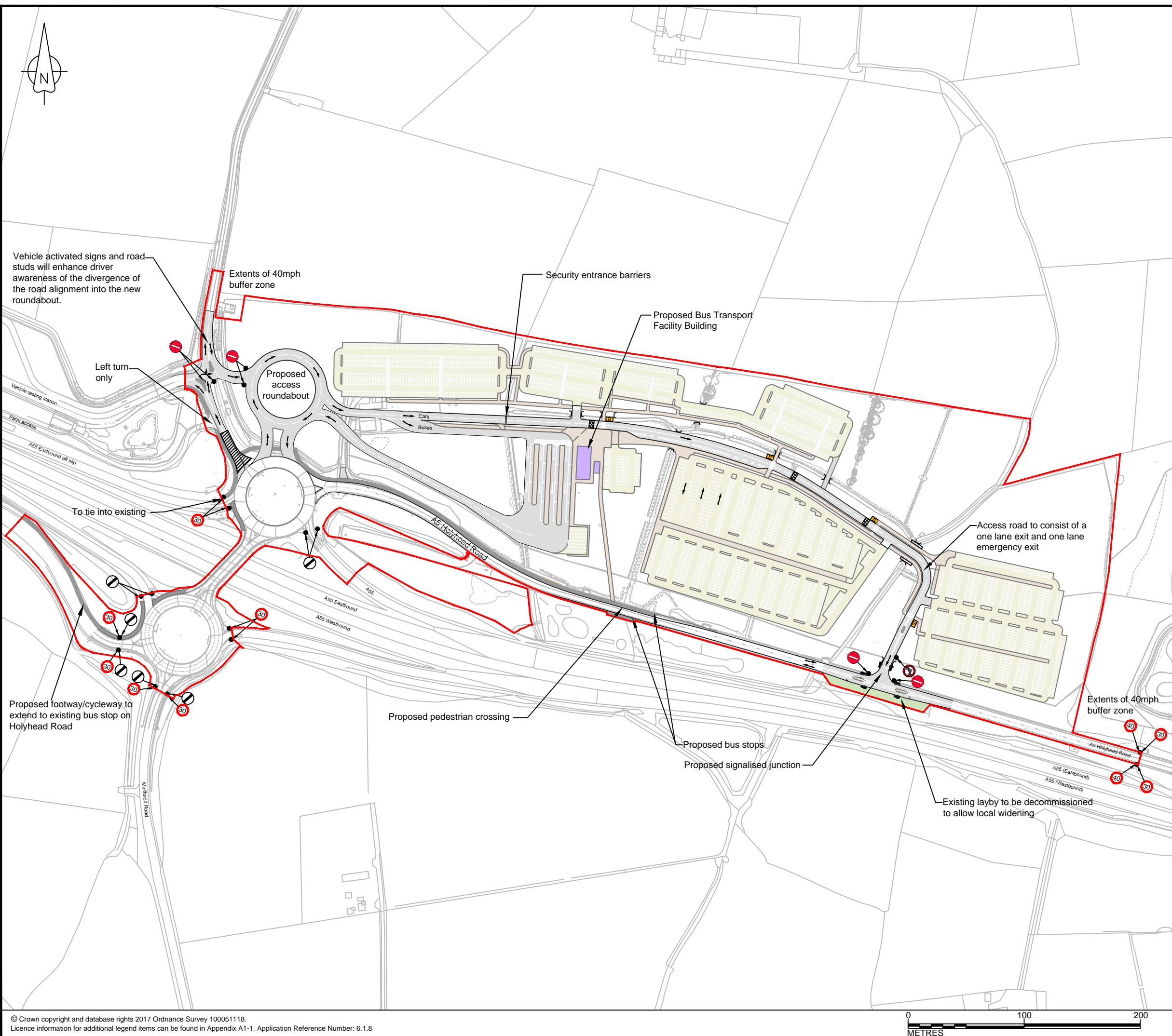
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Jacobs No.	60PO8077	
Client No.	-	

Drawing No.

60PO8077_DCO_VOL_F_01_03

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FIGURE F1-4

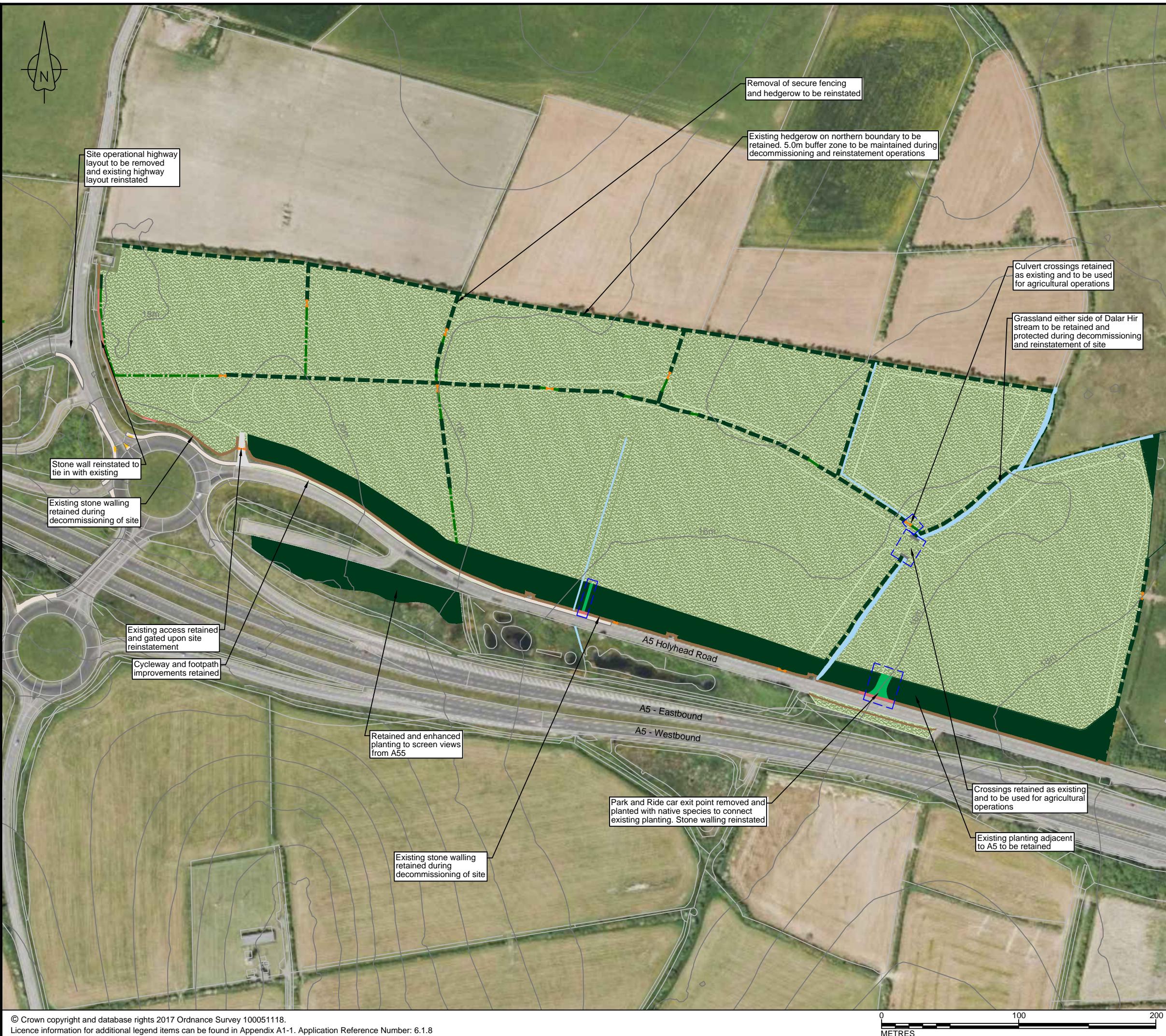


LEGEND

- Proposed landscaping area
- Proposed carriageway works
- Proposed permeable surfacing
- Proposed pedestrian area
- Proposed footway/cycleway
- Temporary highway closure
- Proposed traffic signal heads
- Proposed speed limit signs
- Proposed bus shelter
- Proposed traffic calming measures
- Park and Ride
- Proposed bridge/culvert

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						
PARK AND RIDE ROAD ARRANGEMENT						
Scale @ A3	AS SHOWN	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.	-					
Drawing No.	60PO8077_DCO_VOL_F_01_04					
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FIGURE F1-5



LEGEND

Softworks - Retained

- Retained and enhanced trees and shrubs
- Retained hedgerow

Softworks - Proposed

- Hedgerow planting
- Native woodland planting
- Grassland - reinstated

Hardworks - Retained

- Retained stone walling

Hardworks - Proposed

- Proposed stone walling
- Gate/access point

Water - Existing

- Watercourse retained

Contour

- 16m Contour reinstatement level m(AOD)

NOTES:

1. New internal hedgerow planting to integrate the site into the surrounding field pattern.
2. Secure fencing removed and hedgerow to be reinstated.
3. Drainage outfalls to be removed during site decommissioning works.

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

PARK AND RIDE
REINSTATEMENT

Scale @ A3

AS SHOWN

DO NOT SCALE

Jacobs No.

60PO8077

Client No.

-

Drawing No.

60PO8077_DCO_VOL_F_01_05

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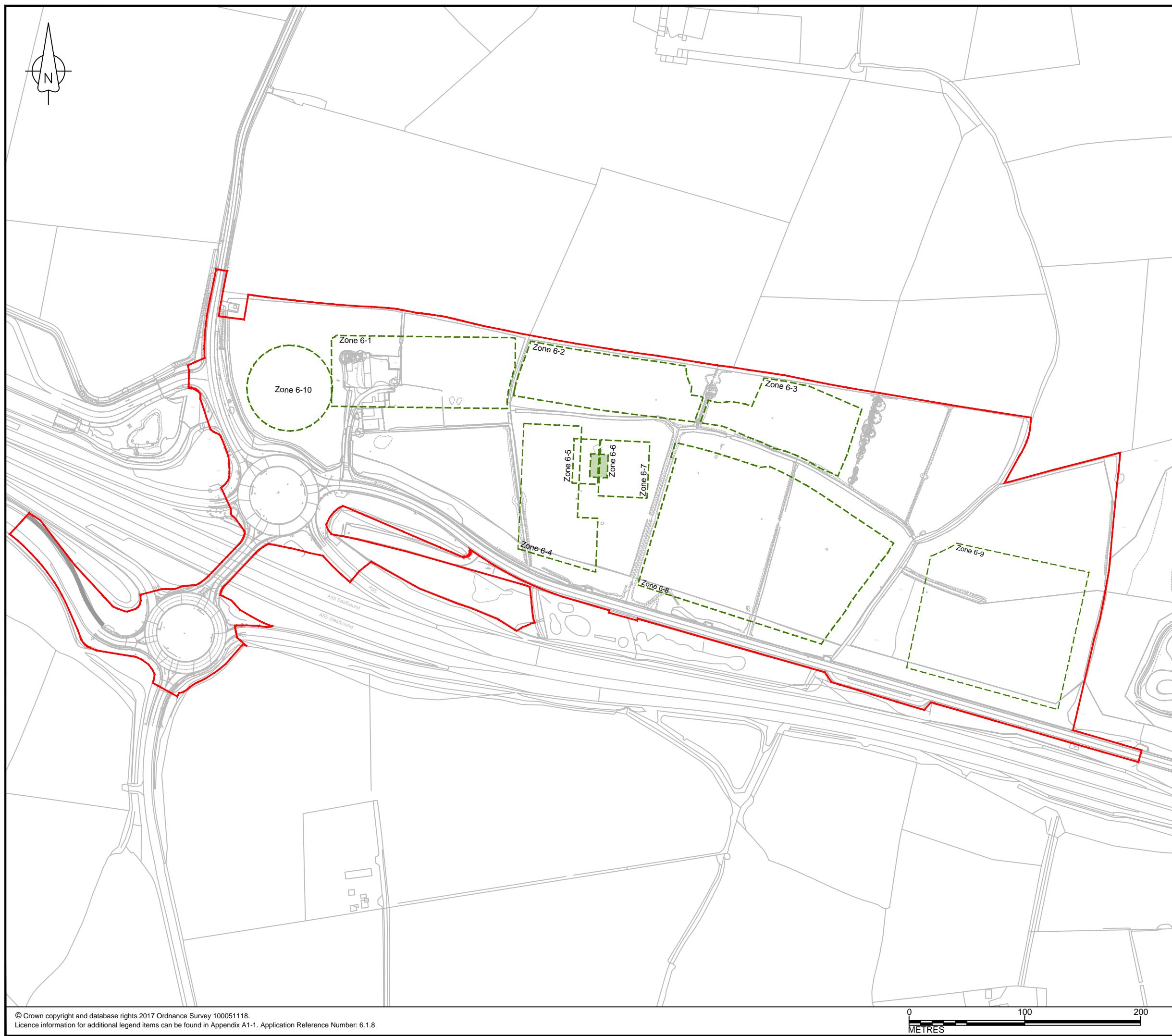


FIGURE F1-6

LEGEND

- Order Limits
- Maximum Extent of Parameter Zone
- Hatching to Define Maximum Extent of Parameter Zone 6-6

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

HORIZOO

NUCLEAR POWER

WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

Drawing title

PARK AND RIDE

PARAMETER PLAN

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Scale @ A3 AS SHOWN DO NOT SCALE

Jacobs No. 60PO8077

Client No.	-
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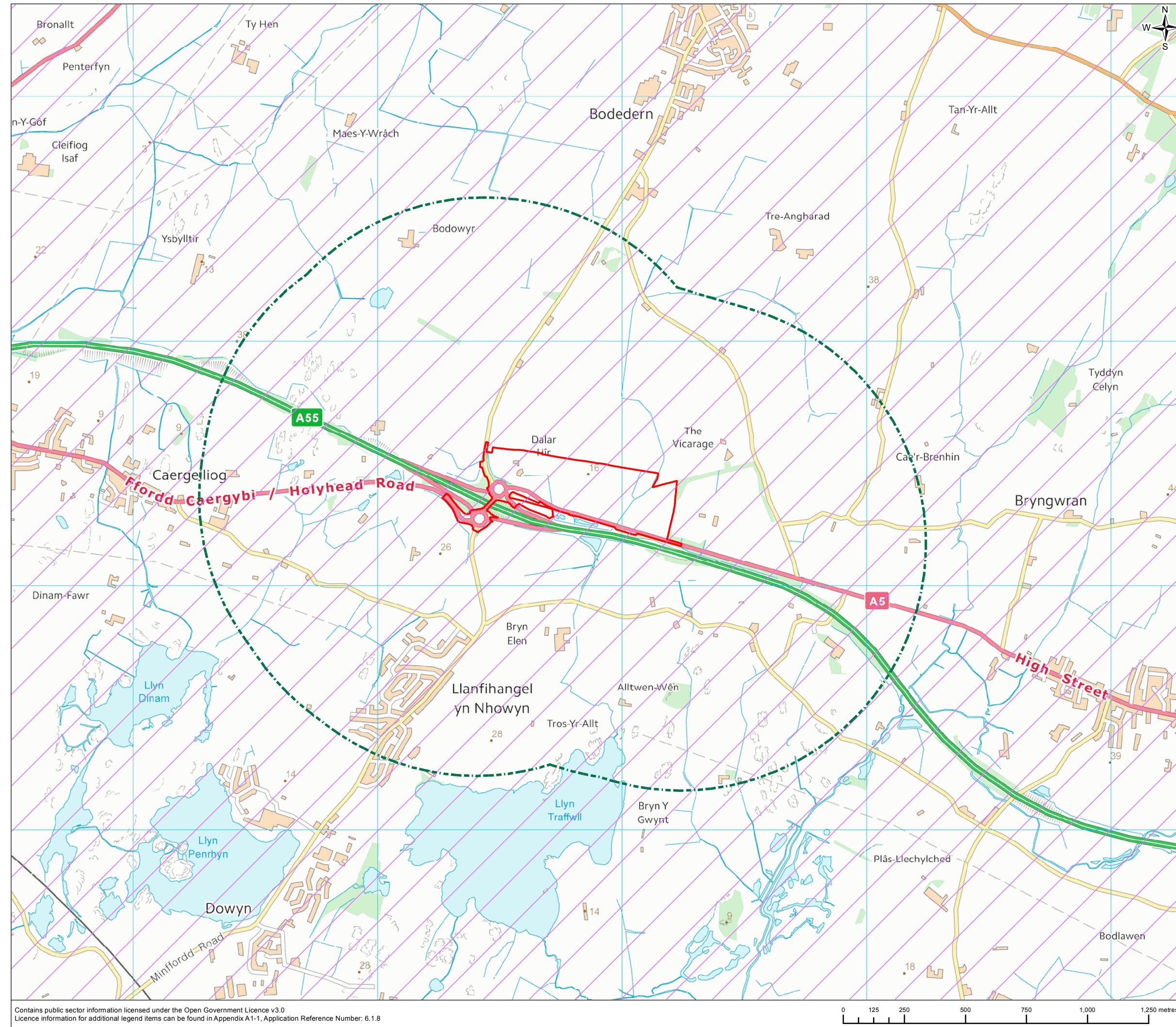
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FIGURE F3-1

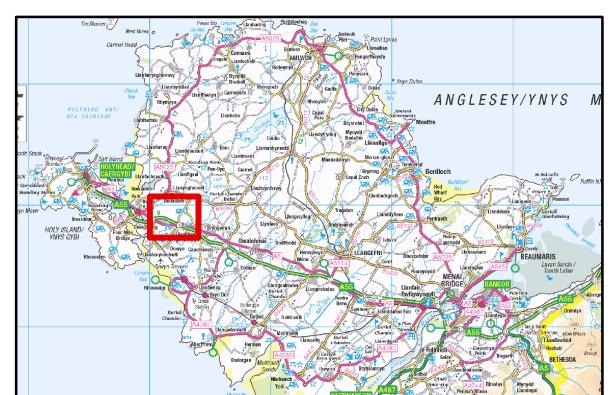
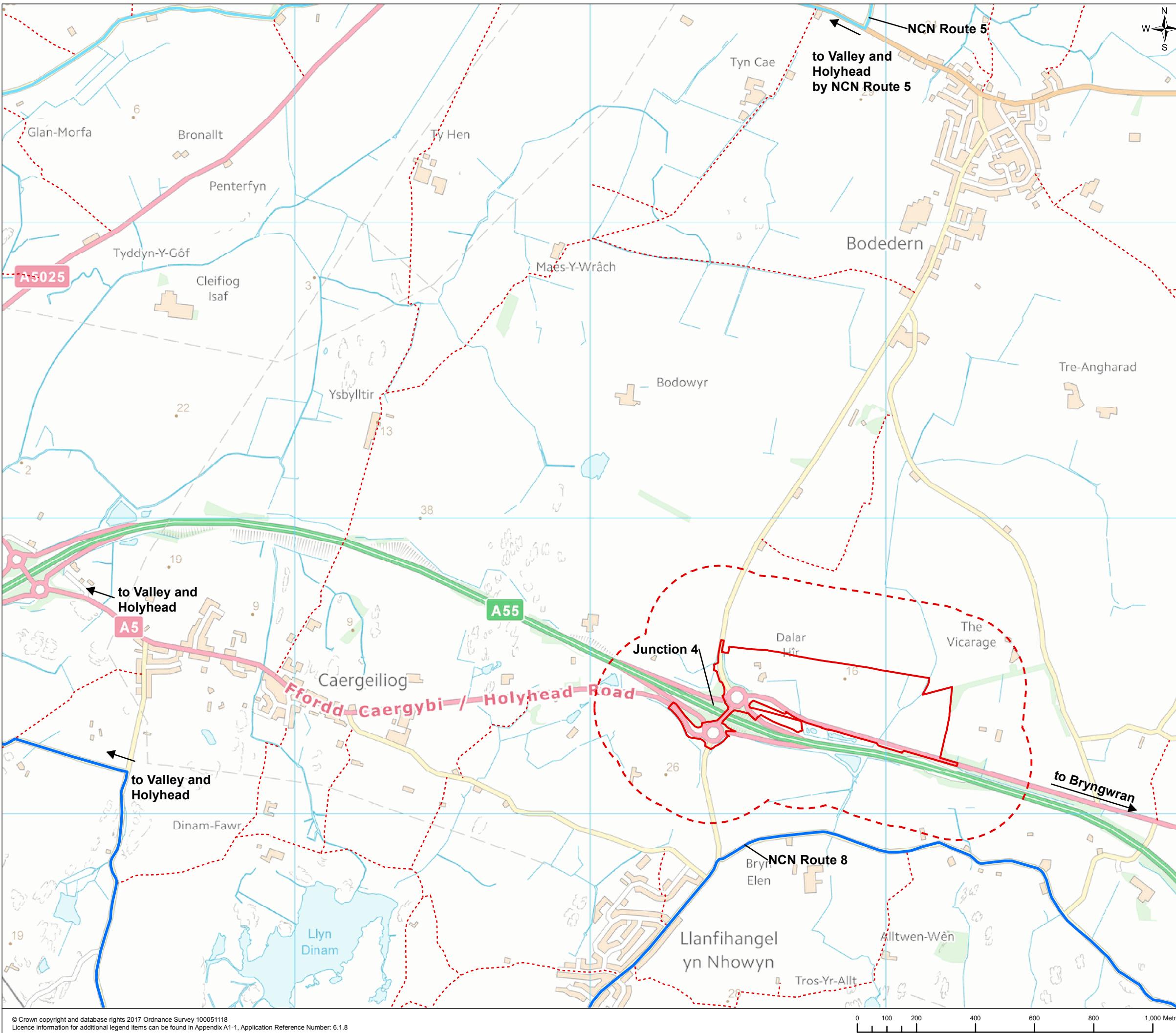


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Licence information for additional legend items can be found in Appendix A1-1, Application Reference Number: 6.

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

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FIGURE F4-1



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						
PARK AND RIDE PUBLIC ACCESS AND RECREATION BASELINE						
Scale @ A3	1:12,500	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_F_04_01					

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FIGURE F5-1

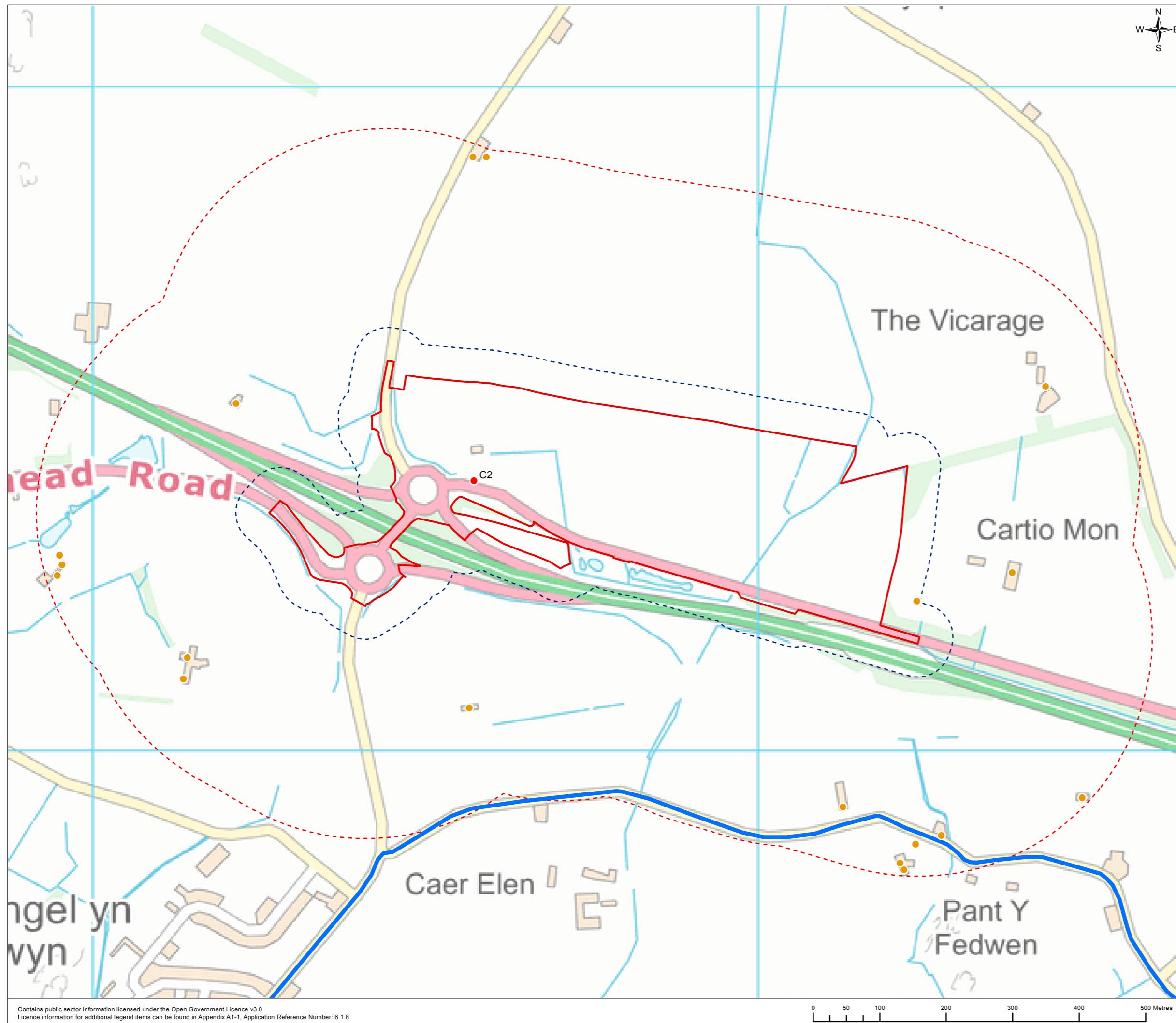
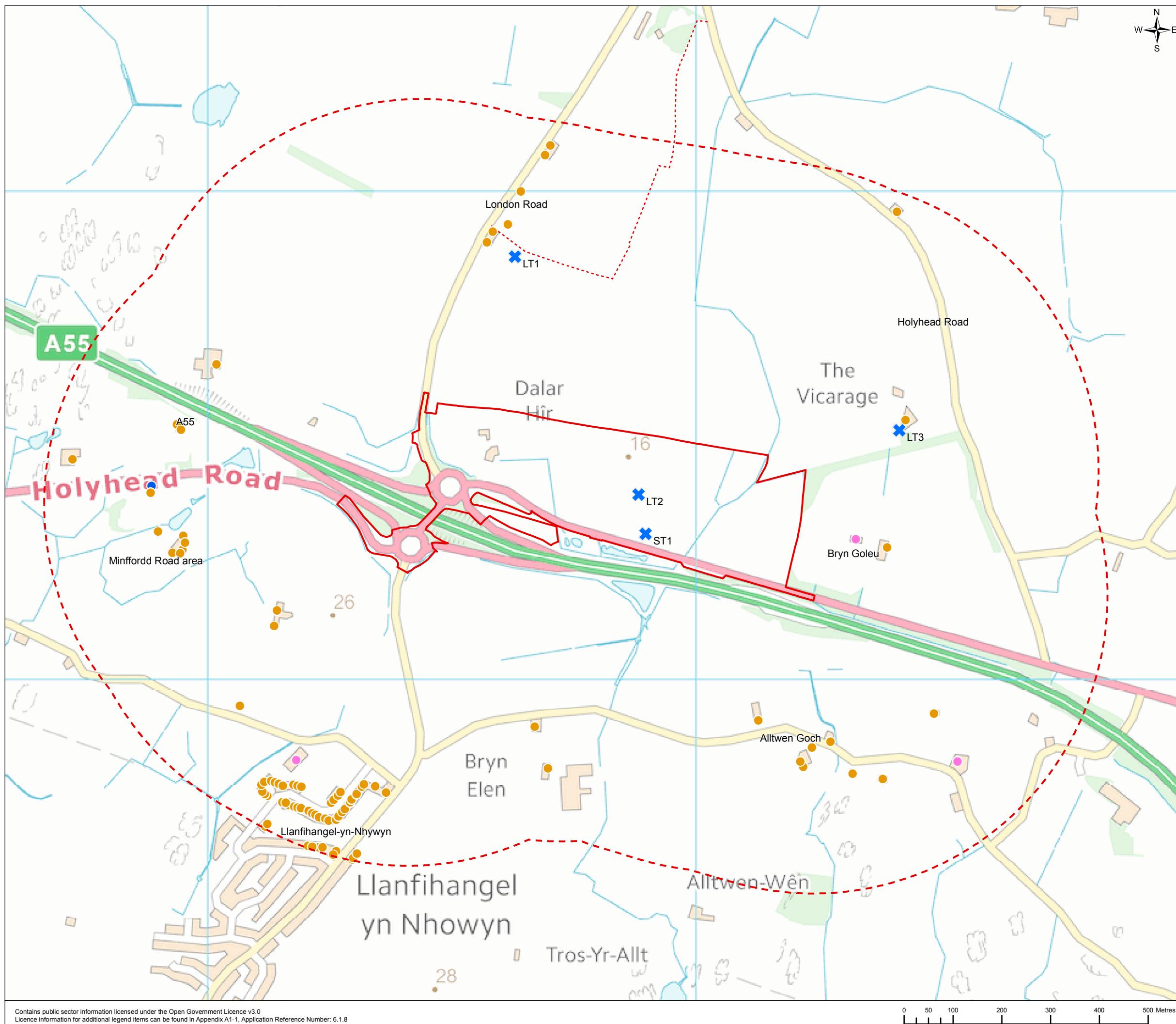


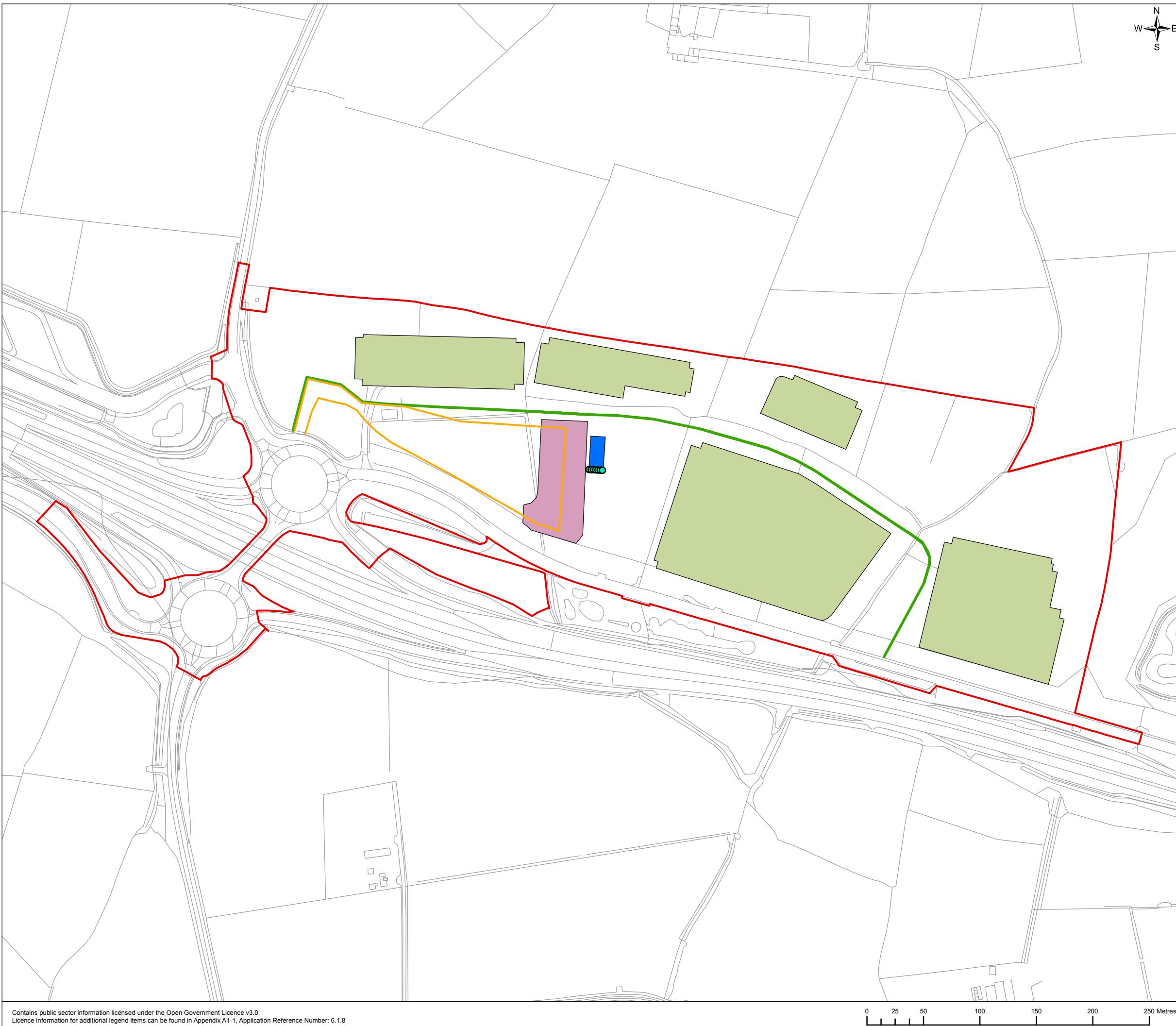
FIGURE F6-1



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						
PARK AND RIDE						
NOISE MONITORING LOCATIONS						
Scale @ A3	1:7,500	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_F_06_01					

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FIGURE F6-2



Legend					
	Park and Ride				
	Transfer building				
	Car park				
	Bus drop off				
	Car movements				
	Bus movements				
	Heat pump				

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

PARK AND RIDE
OPERATIONAL SOURCE LOCATIONS

Scale @ A3

Jacobs No.

Client No.

Drawing No.

1:3,250

60PO8077

60PO8077_DCO_VOL_F_06_02

DO NOT SCALE

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FIGURE F6-3

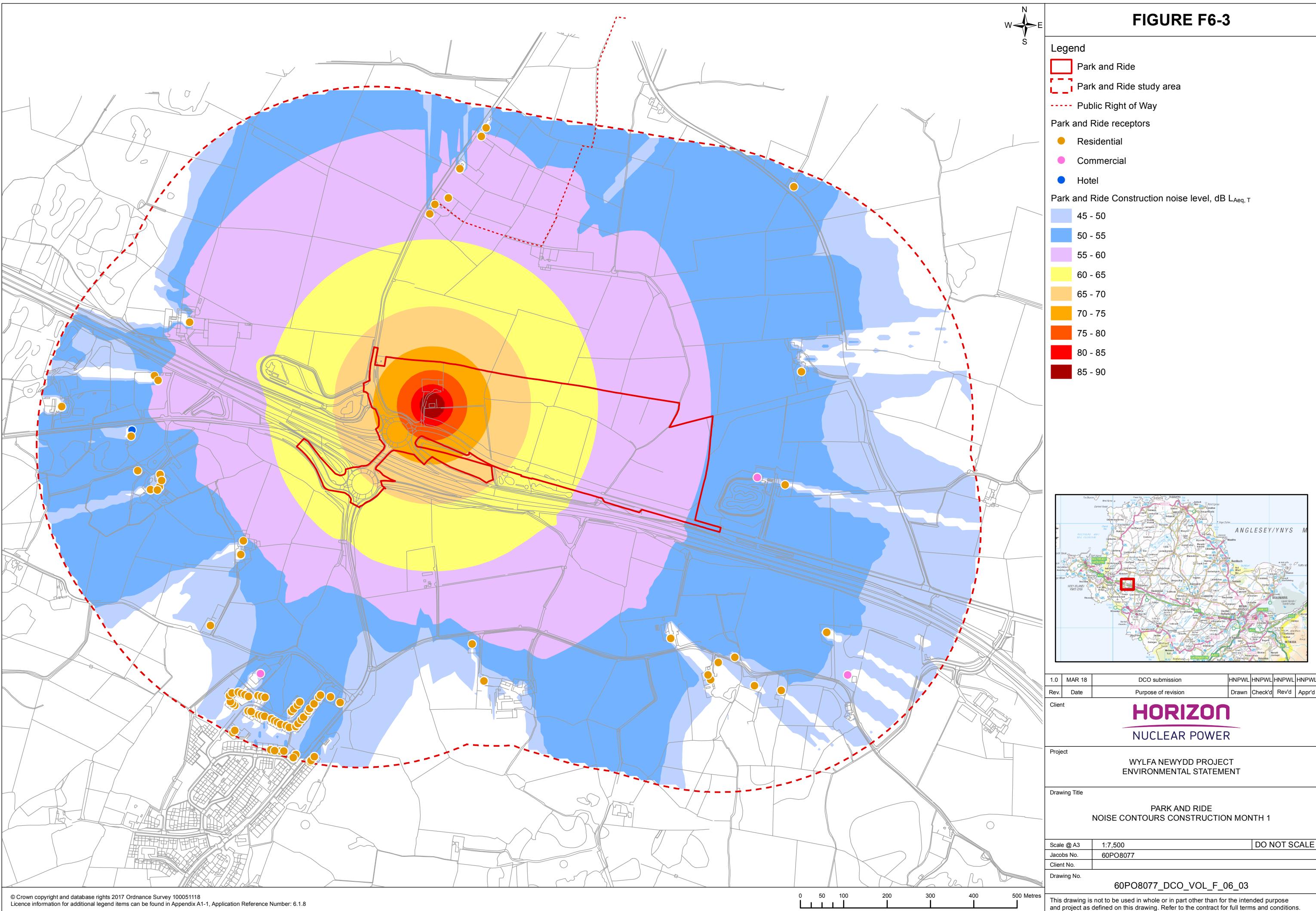


FIGURE F6-4

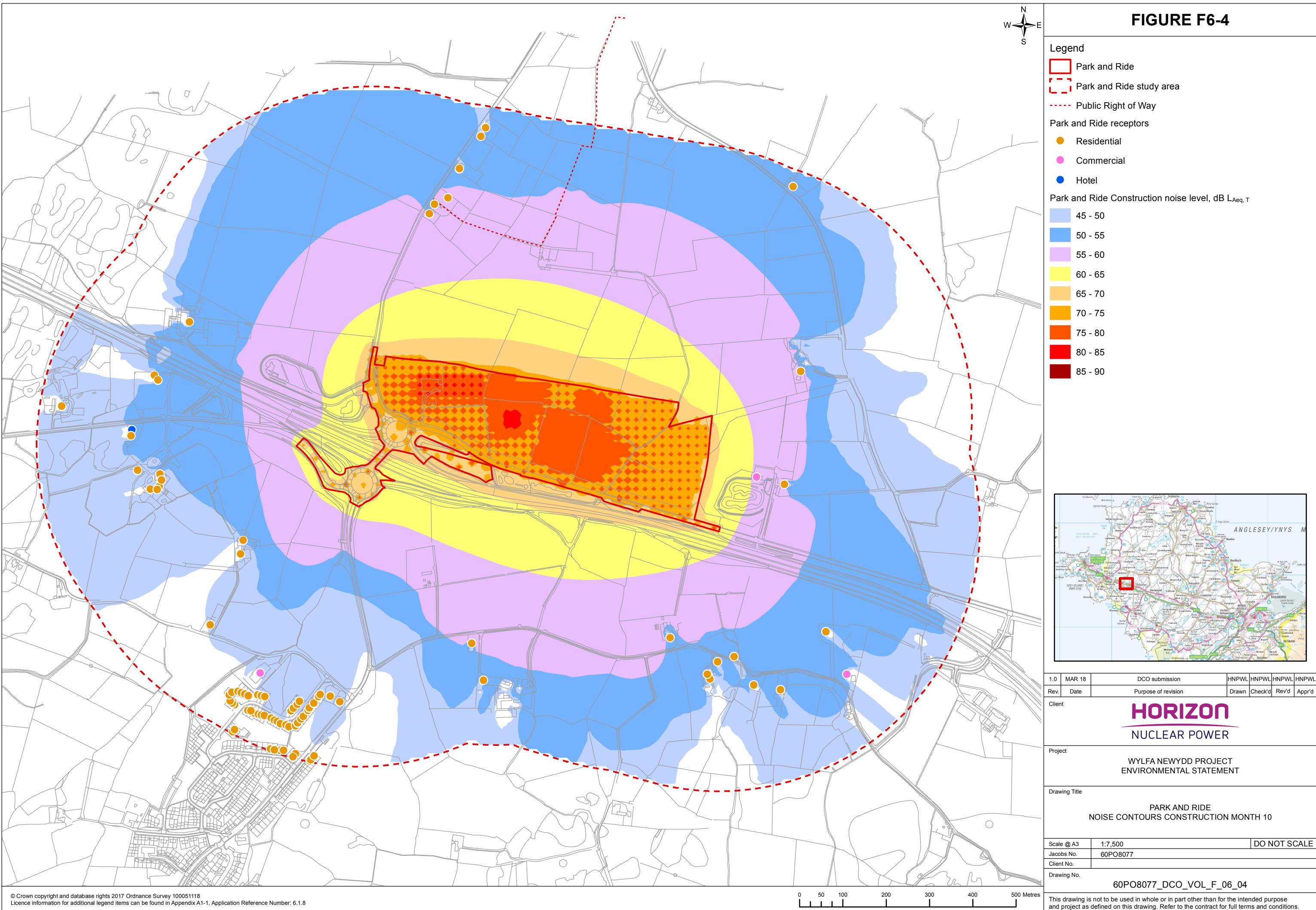


FIGURE F6-5

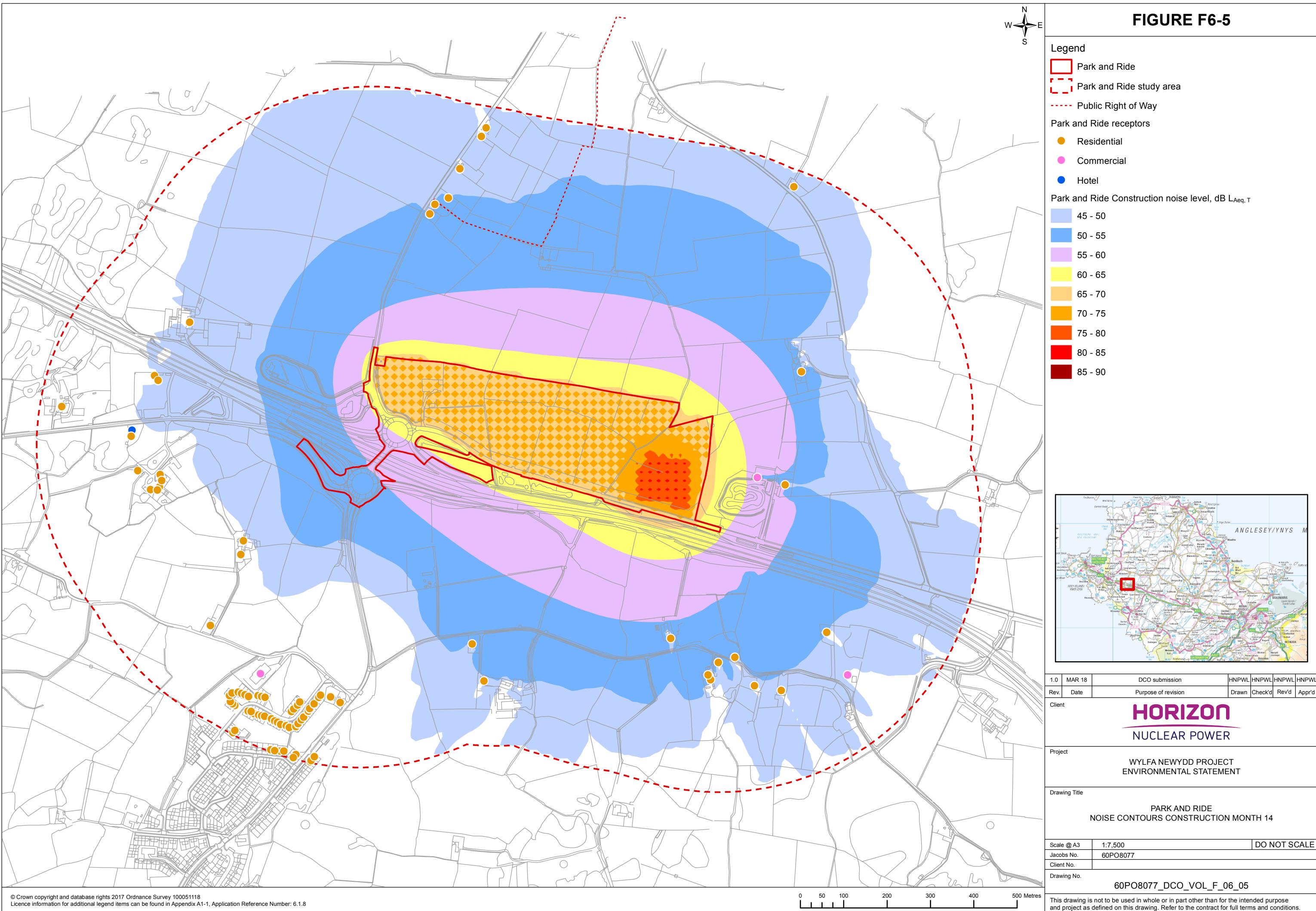


FIGURE F6-6

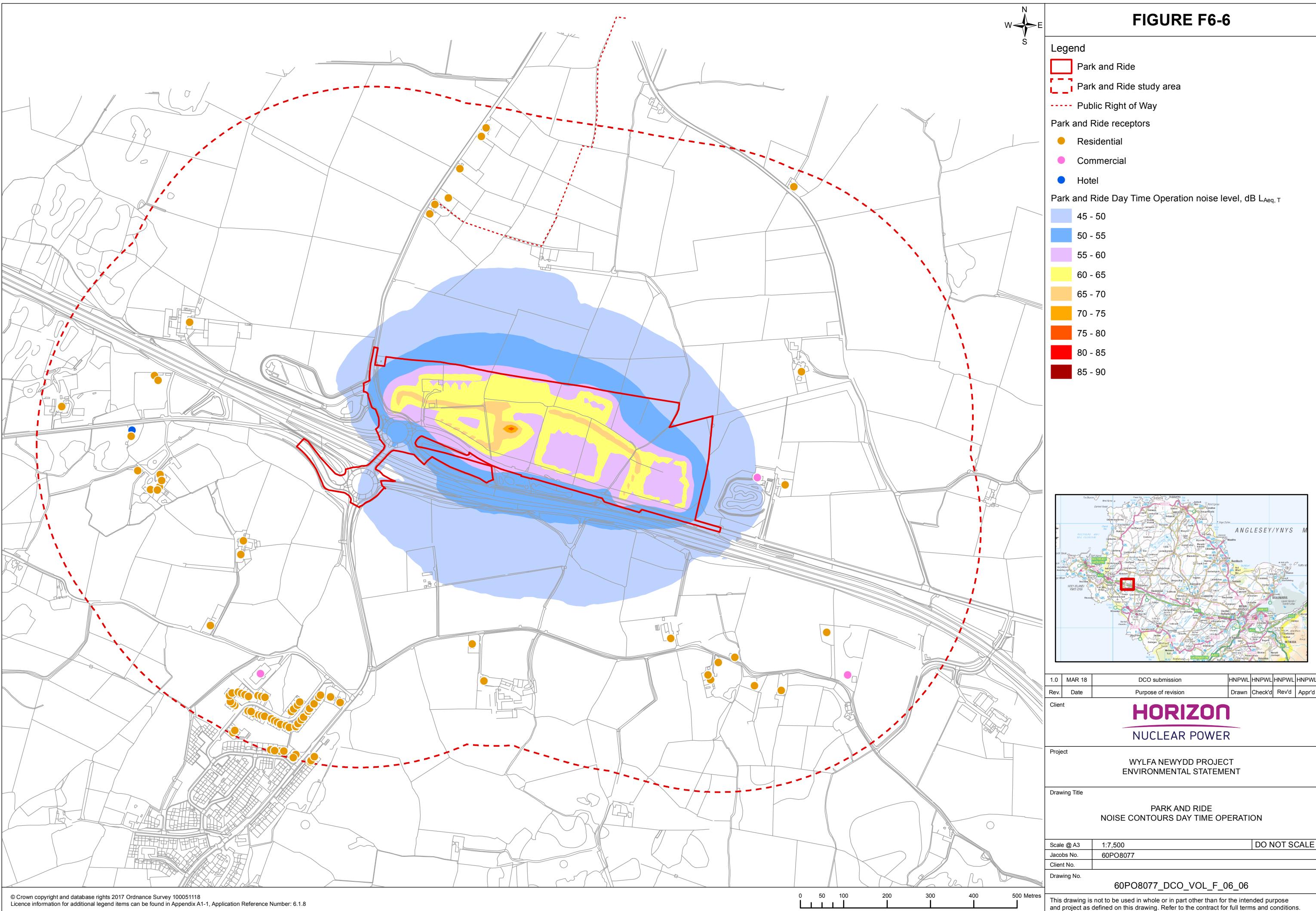
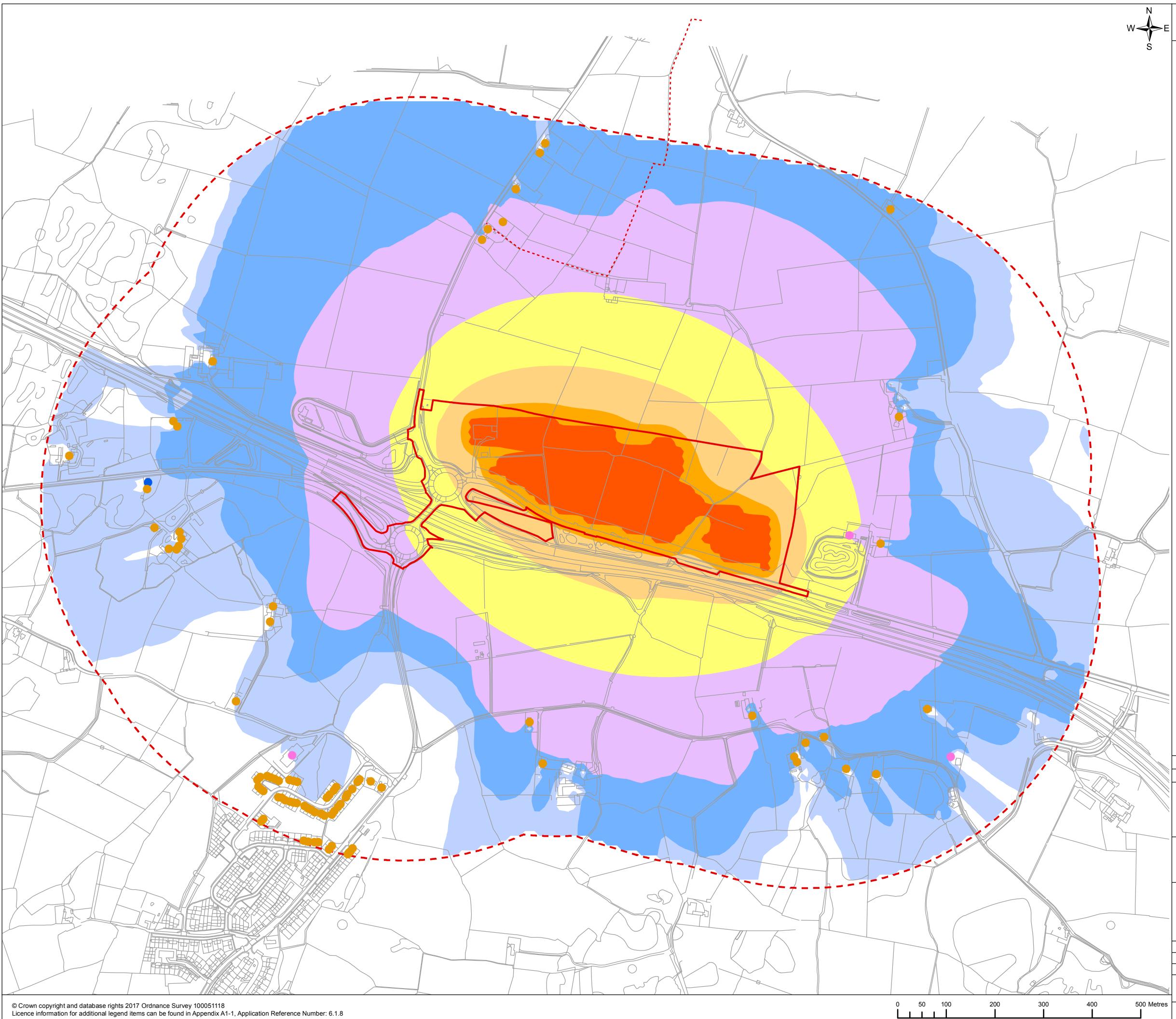


FIGURE F6-8



Legend

■ Park and Ride

■ Park and Ride study area

— Public Right of Way

Park and Ride Receptors

● Residential

● Commercial

● Hotel

Park and Ride Decommissioning noise level, dB L_{Aeq,T}

■ 45 - 50

■ 50 - 55

■ 55 - 60

■ 60 - 65

■ 65 - 70

■ 70 - 75

■ 75 - 80

■ 80 - 85

■ 85 - 90



1.0 MAR 18 DCO submission HNPWL HNPWL HNPWL HNPWL

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

HORIZON

NUCLEAR POWER

WYLFA NEWYDD PROJECT
ENVIRONMENTAL STATEMENT

Drawing Title
PARK AND RIDE
NOISE CONTOURS DECOMMISSIONING

Scale @ A3 1:7,500 DO NOT SCALE

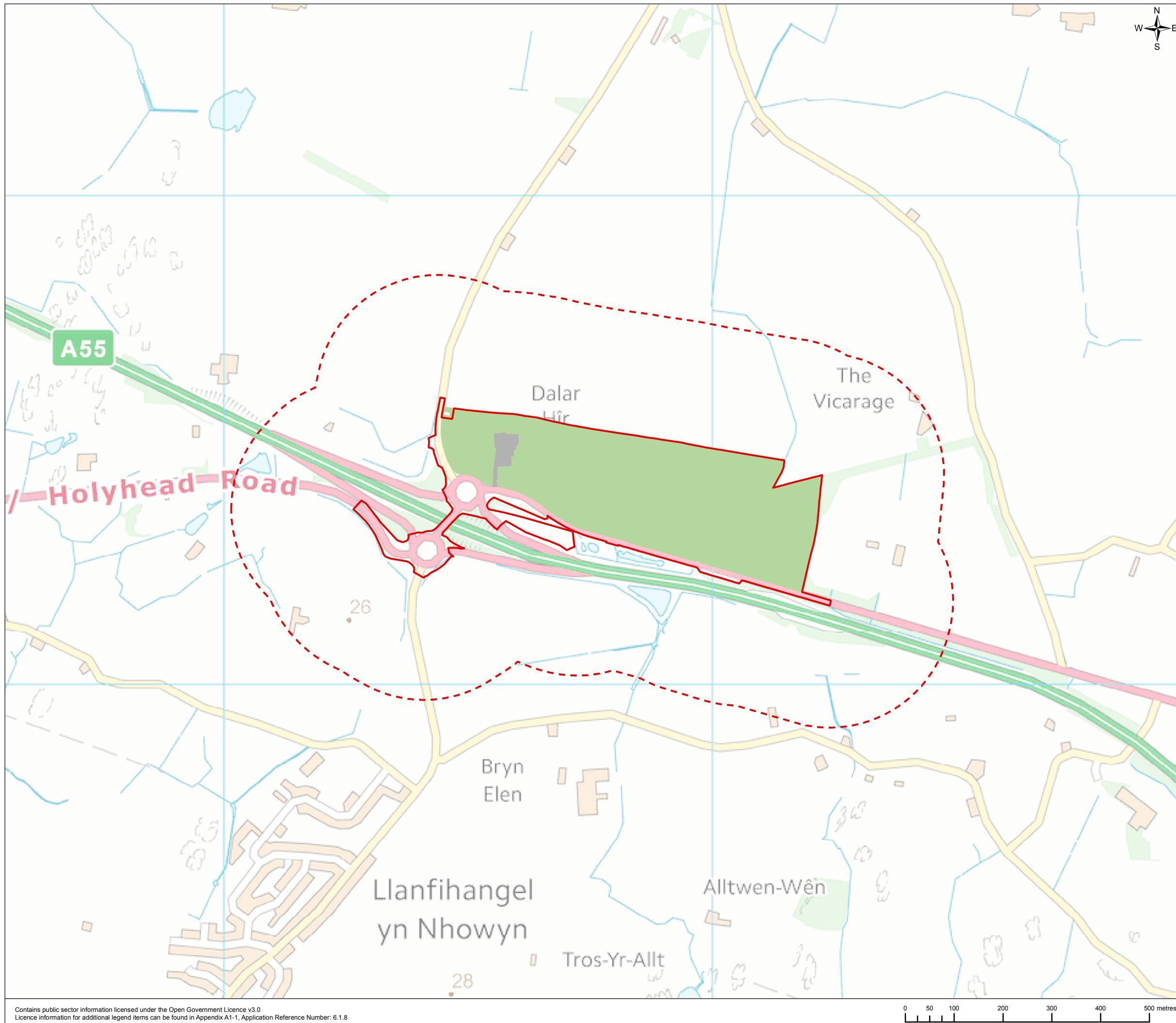
Jacobs No. 60PO8077

Client No.

Drawing No. 60PO8077_DCO_VOL_F_06_08

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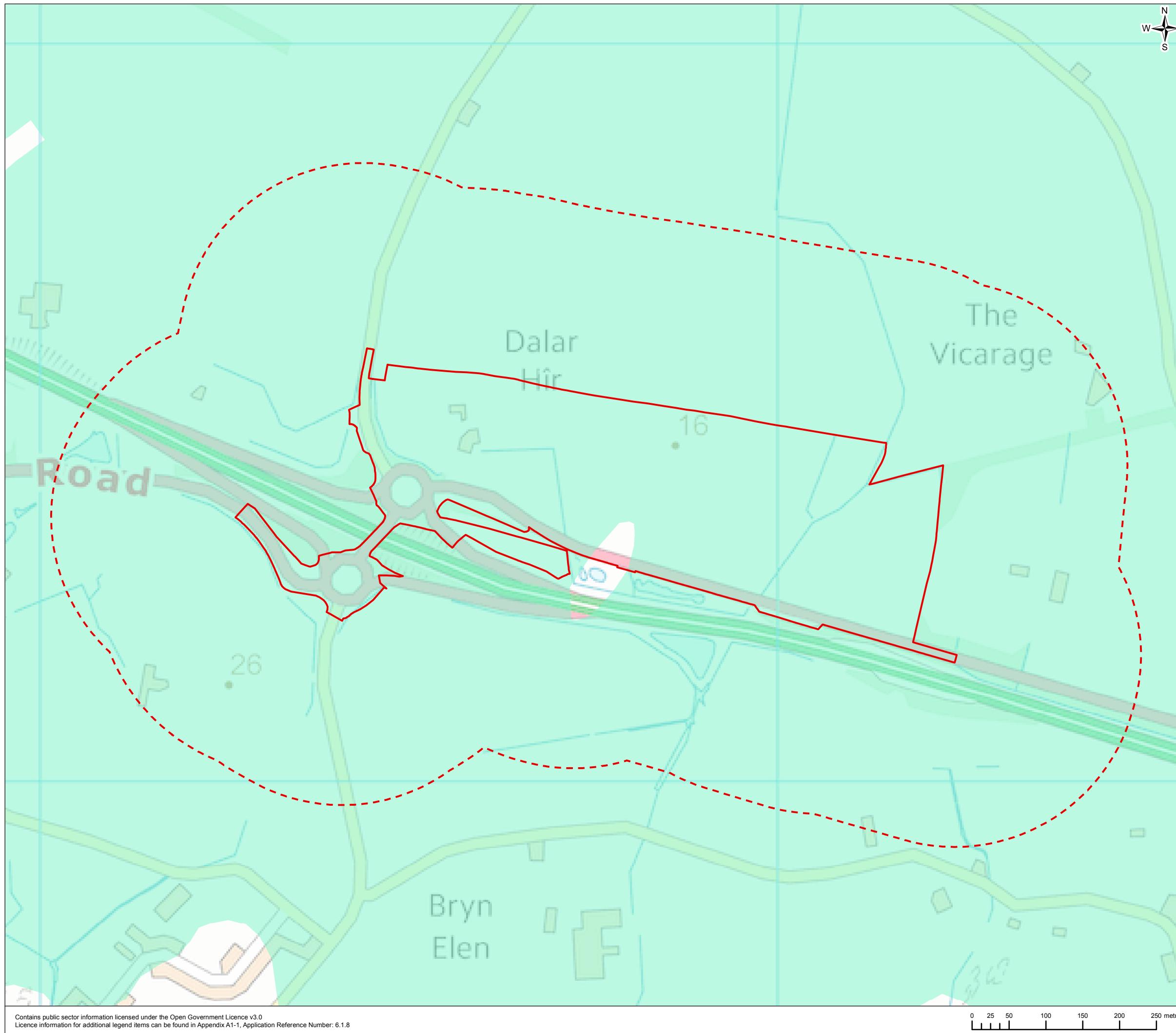
FIGURE F7-1



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						
SOILS AND GEOLOGY STUDY AREA AND ALC GRADE						
Scale @ A3	1:7,500	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_F_07_01					

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FIGURE F7-2



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
Client						
HORIZON NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
SUPERFICIAL GEOLOGY						
Scale @ A3	1:5,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_F_07_02					
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FIGURE F7-3

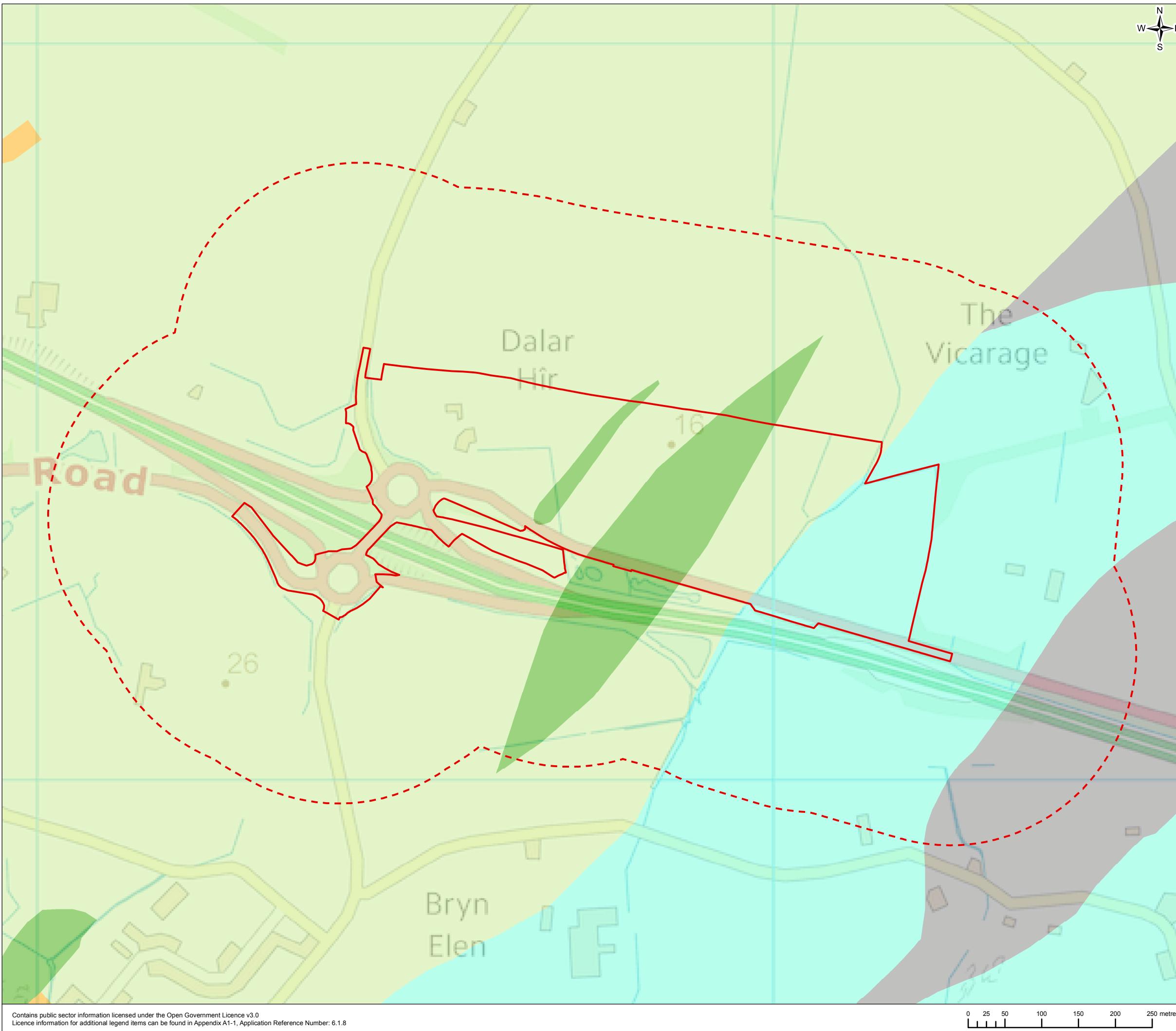
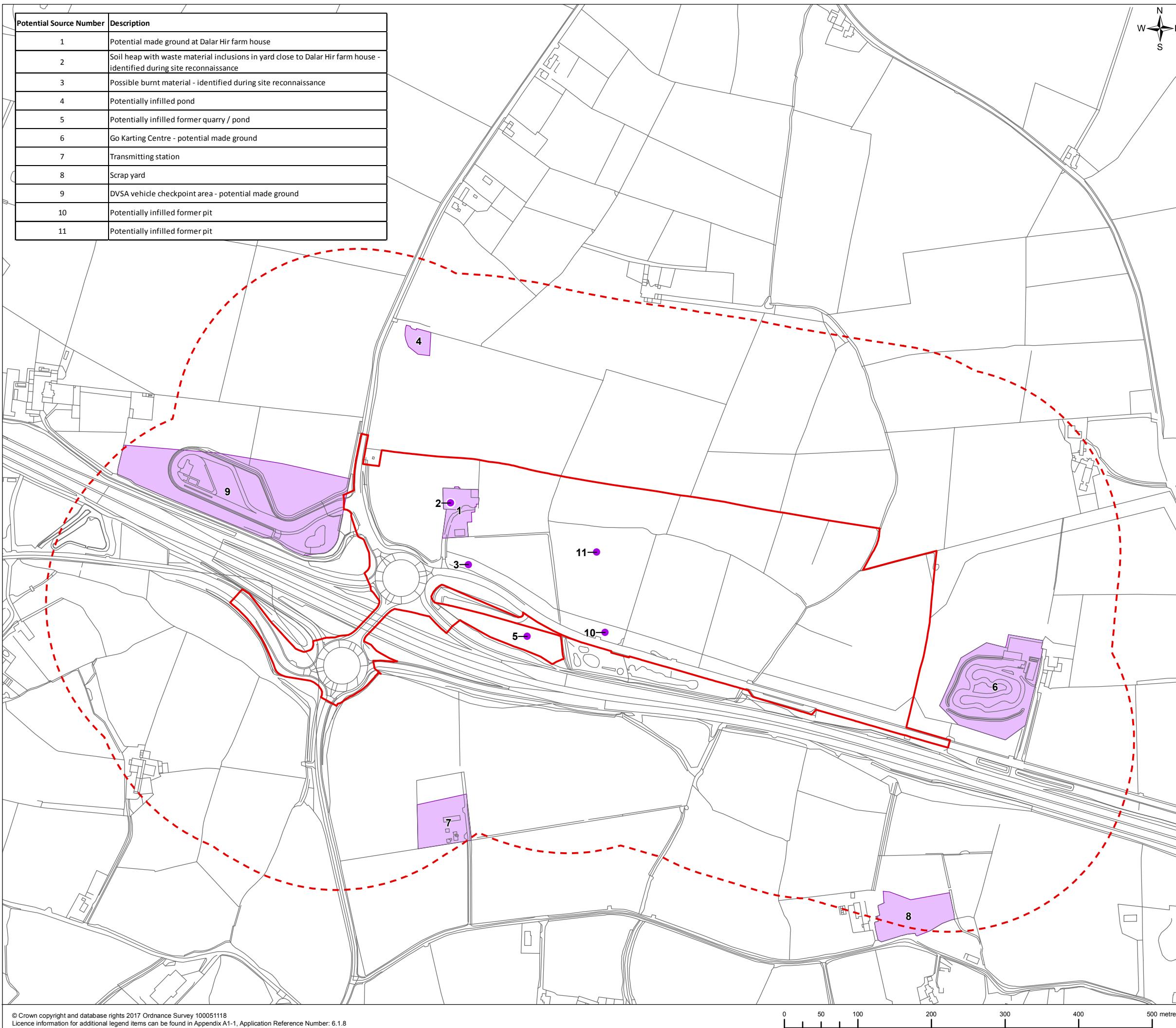
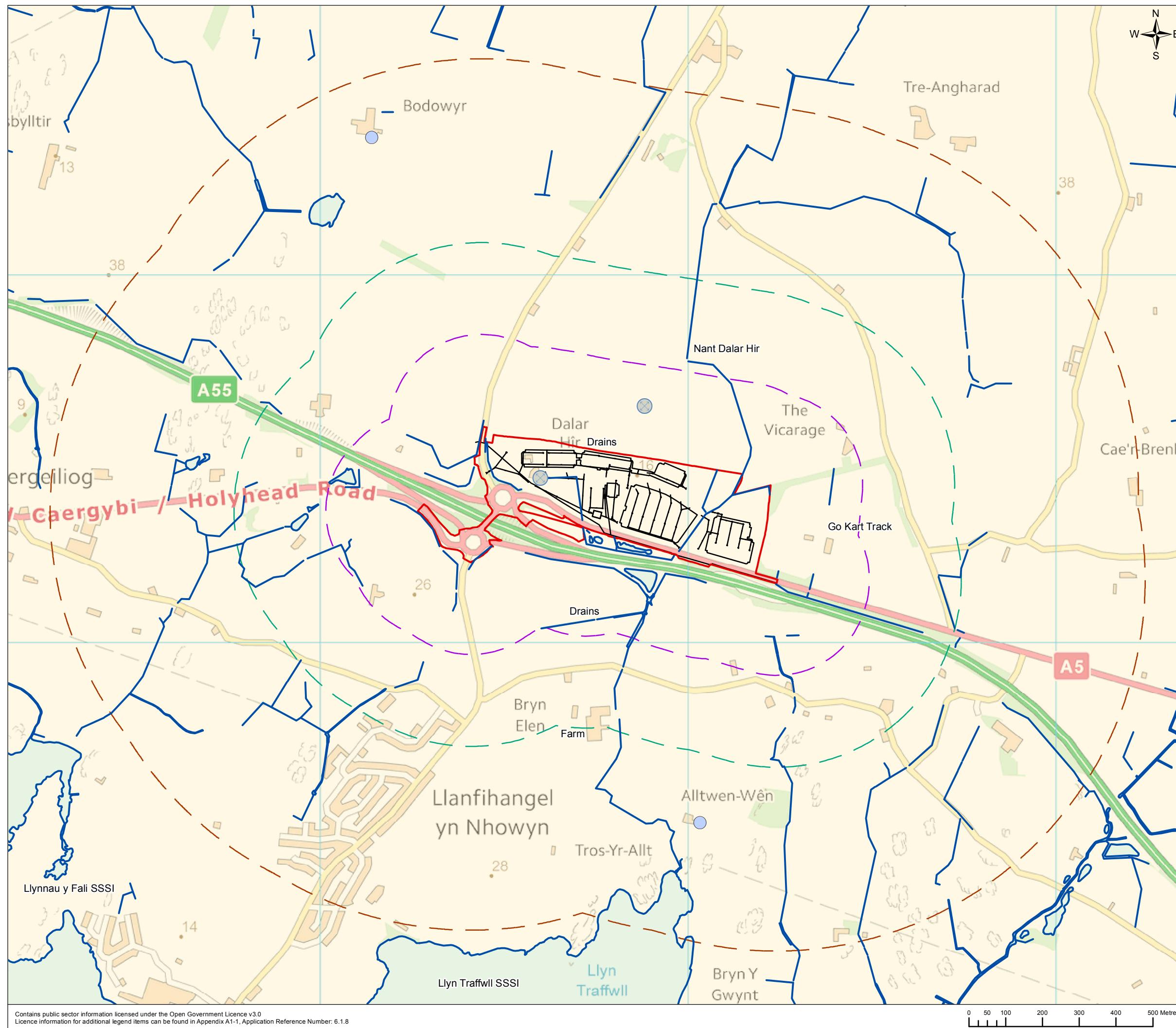


FIGURE F7-4



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
 POTENTIAL SOURCES OF CONTAMINATION
 Scale @ A3 1:5,000 DO NOT SCALE
 Jacobs No. 60PO8077
 Client No.
 Drawing No. 60PO8077_DCO_VOL_F_07_04
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FIGURE F8-1



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						
SURFACE WATER AND GROUNDWATER STUDY AREA						
Scale @ A3	1:10,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_F_08_01					

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FIGURE F9-1

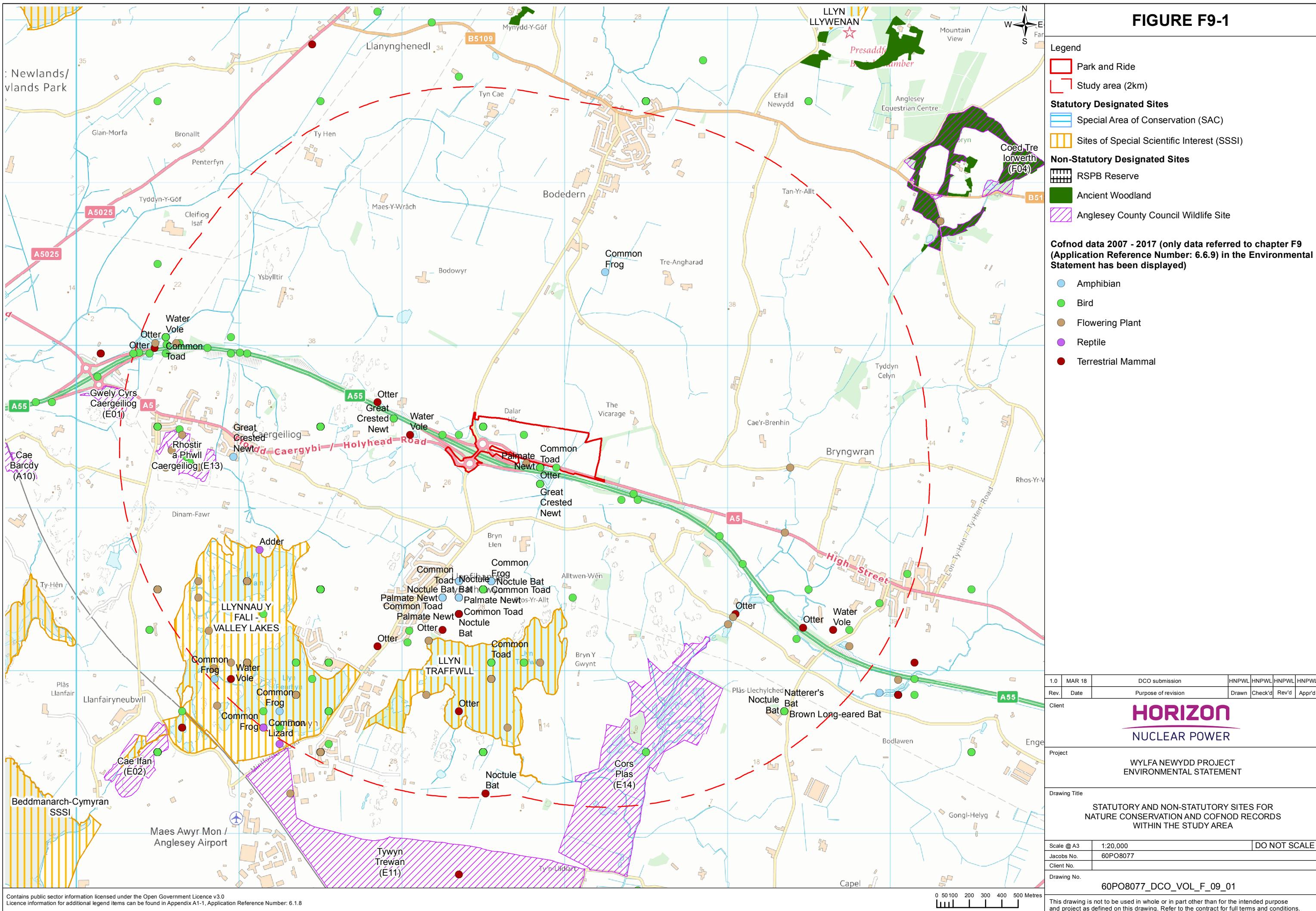
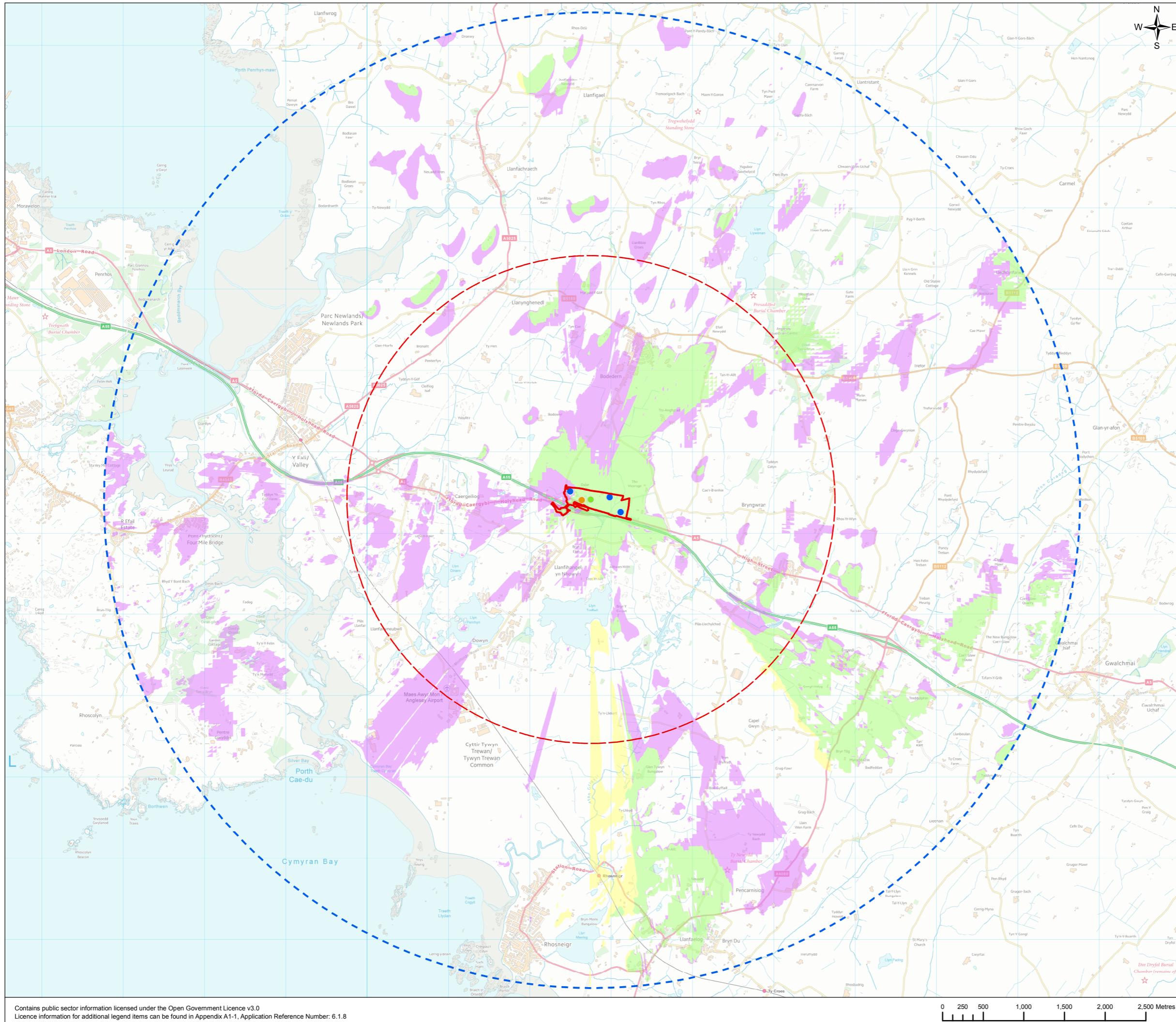


FIGURE F10-1



Legend

- Park and Ride
- 6km overarching study area (limit of ZTV assessment)
- 3km detailed study area from the Park and Ride bus terminal building

Zone of Theoretical Visibility (ZTV) assessment points

- Height of a bus - (3.5m)
- Height of a parked car - (1.5m)
- Park and Ride bus terminal building - (5m)

ZTV

- White: No theoretical visibility
- Pink: Theoretical visibility of parked cars and buses assessment points
- Yellow: Theoretical visibility of Park and Ride bus terminal building assessment point
- Green: Theoretical visibility of parked cars and buses and Park and Ride bus terminal building assessment points

Note:

ZTV has been modelled with a viewing height of 1.7m

ZTV modelling has been undertaken with a tolerance of up to 1m for assessment points.



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

PARK AND RIDE
ZONE OF THEORETICAL VISIBILITY

Scale @ A3	1:45,000	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		
Drawing No.	60PO8077_DCO_VOL_F_10_01	

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FIGURE F10-2

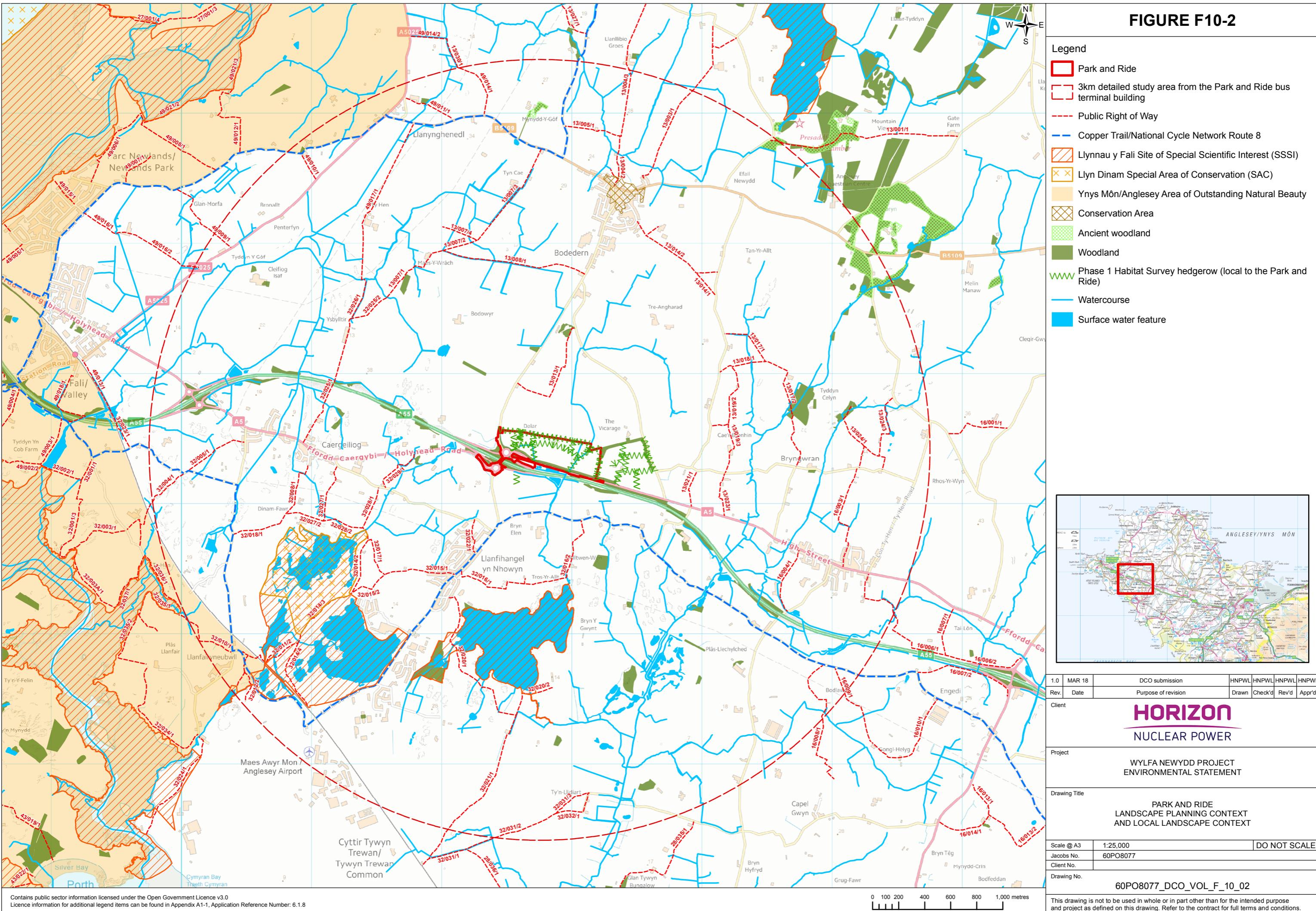
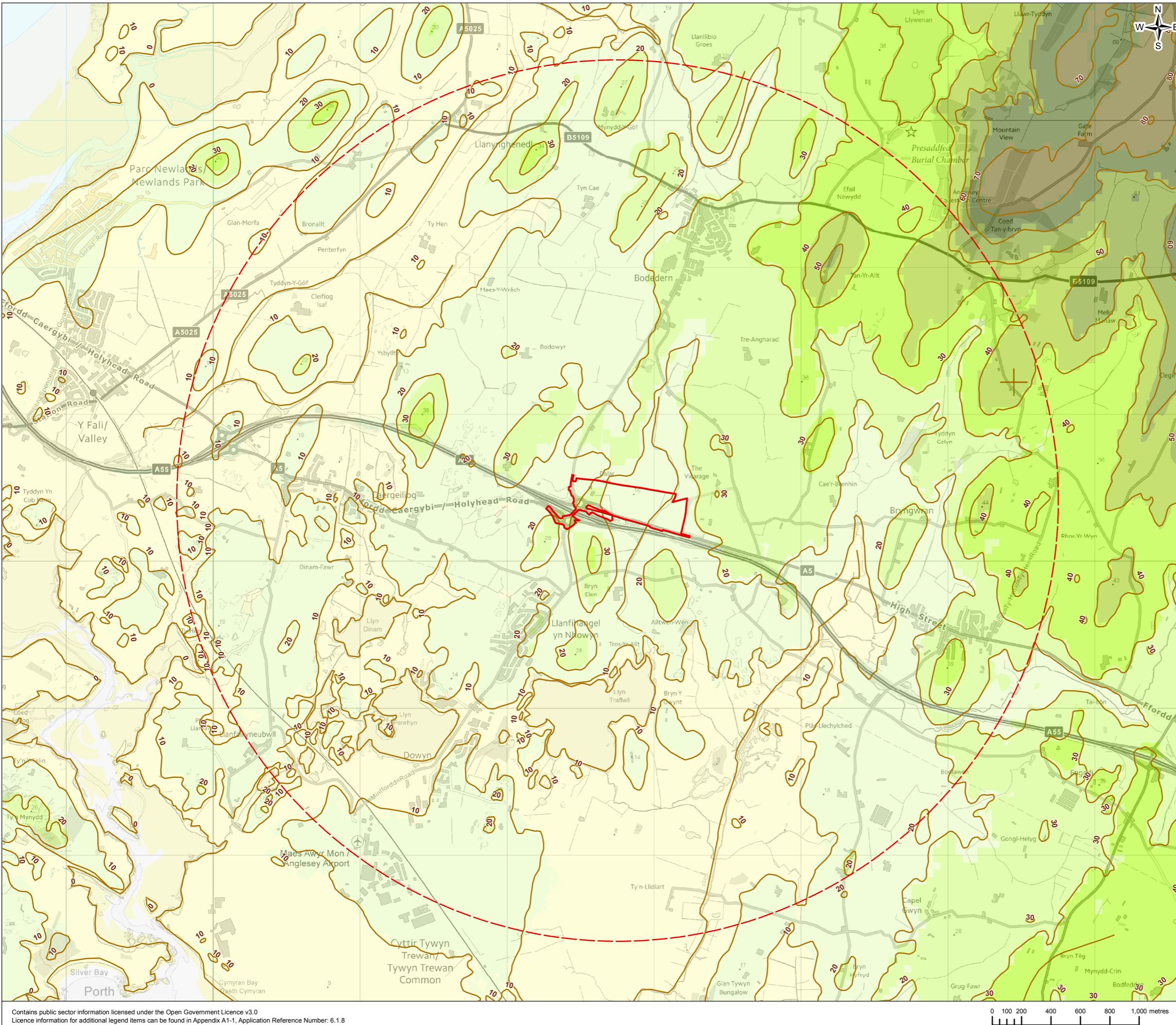


FIGURE F10-3



Legend

- Park and Ride
- 3km detailed study area from the Park and Ride bus terminal building
- Contours at 10m intervals

Elevation (m)

<=0
0 - 10
10 - 20
20 - 30
30 - 40
40 - 50
50 - 60
60 - 70
70 - 80



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

HORIZON

NUCLEAR POWER

WYLFA NEWYDD PROJECT
ENVIRONMENTAL STATEMENT

Drawing Title

PARK AND RIDE
TOPOGRAPHY

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

Drawing No.
60PO8077_DCO_VOL_F_10_03

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FIGURE F10-4

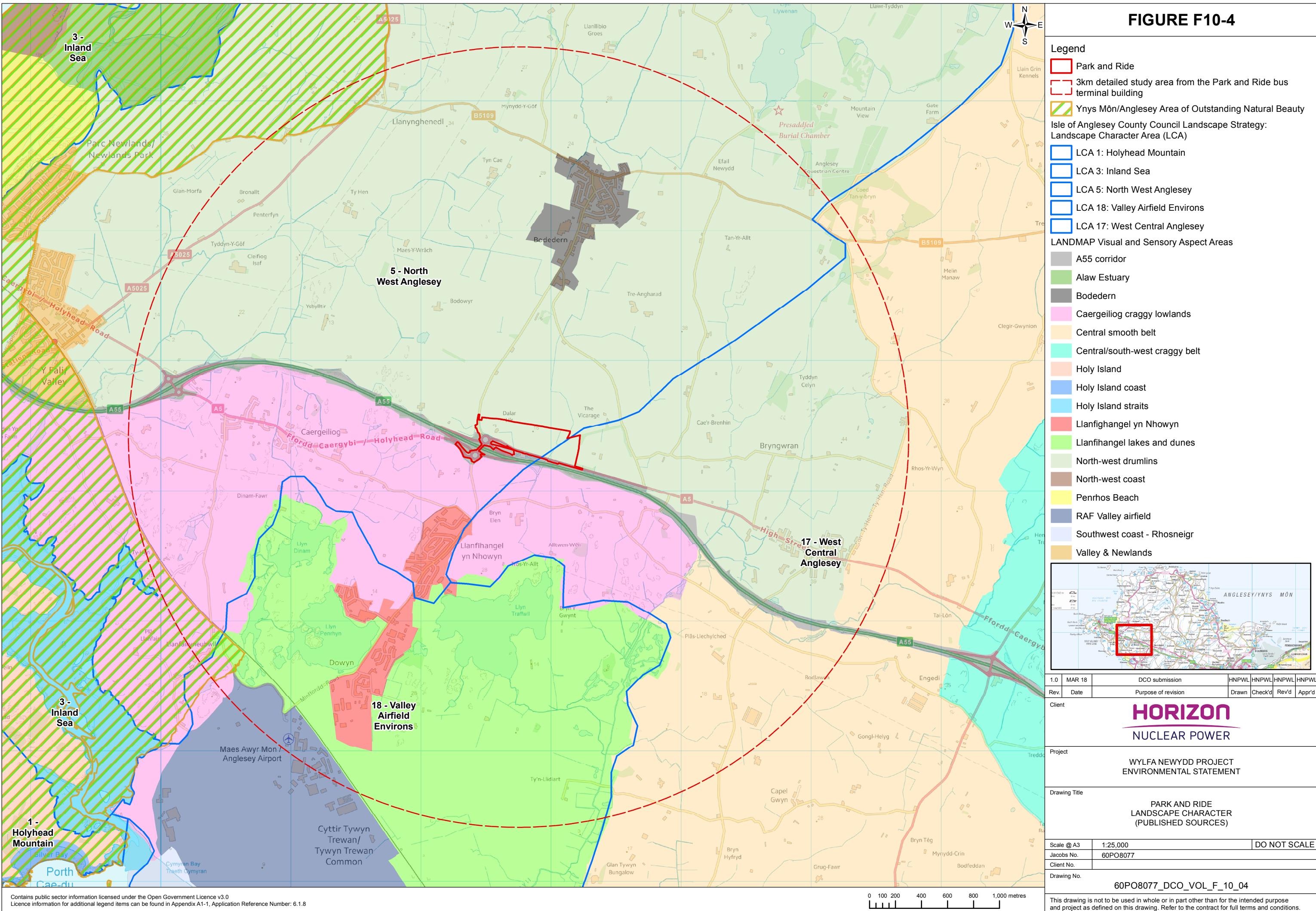
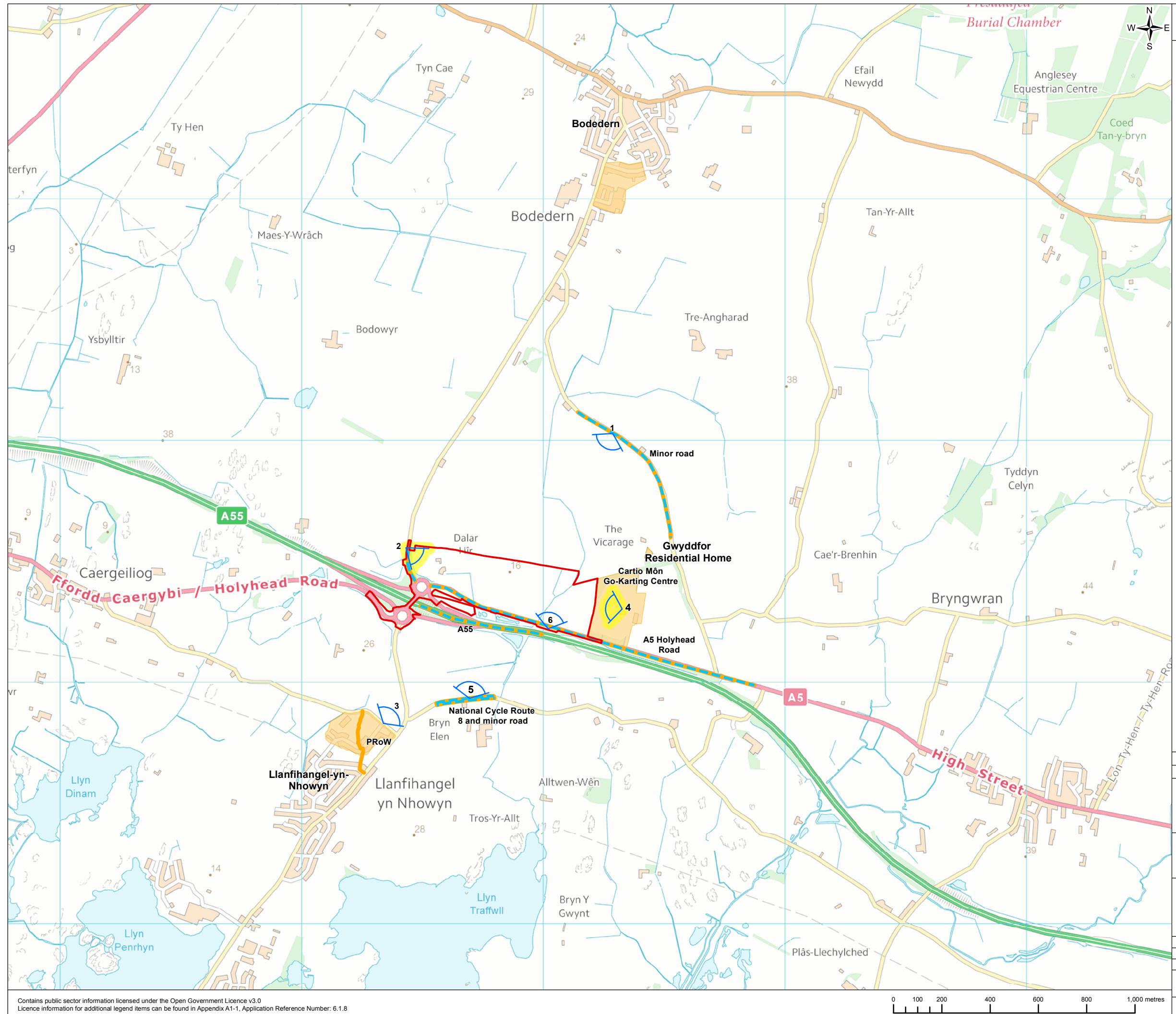


FIGURE F10-5



HORIZON NUCLEAR POWER

WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT

PARK AND RIDE

LIVING SIGHT LOCATIONS AND VISION REGISTERS

1:15-032 DO NOT SCALE

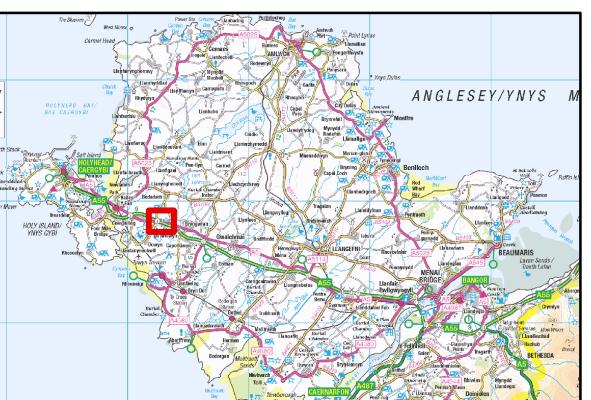
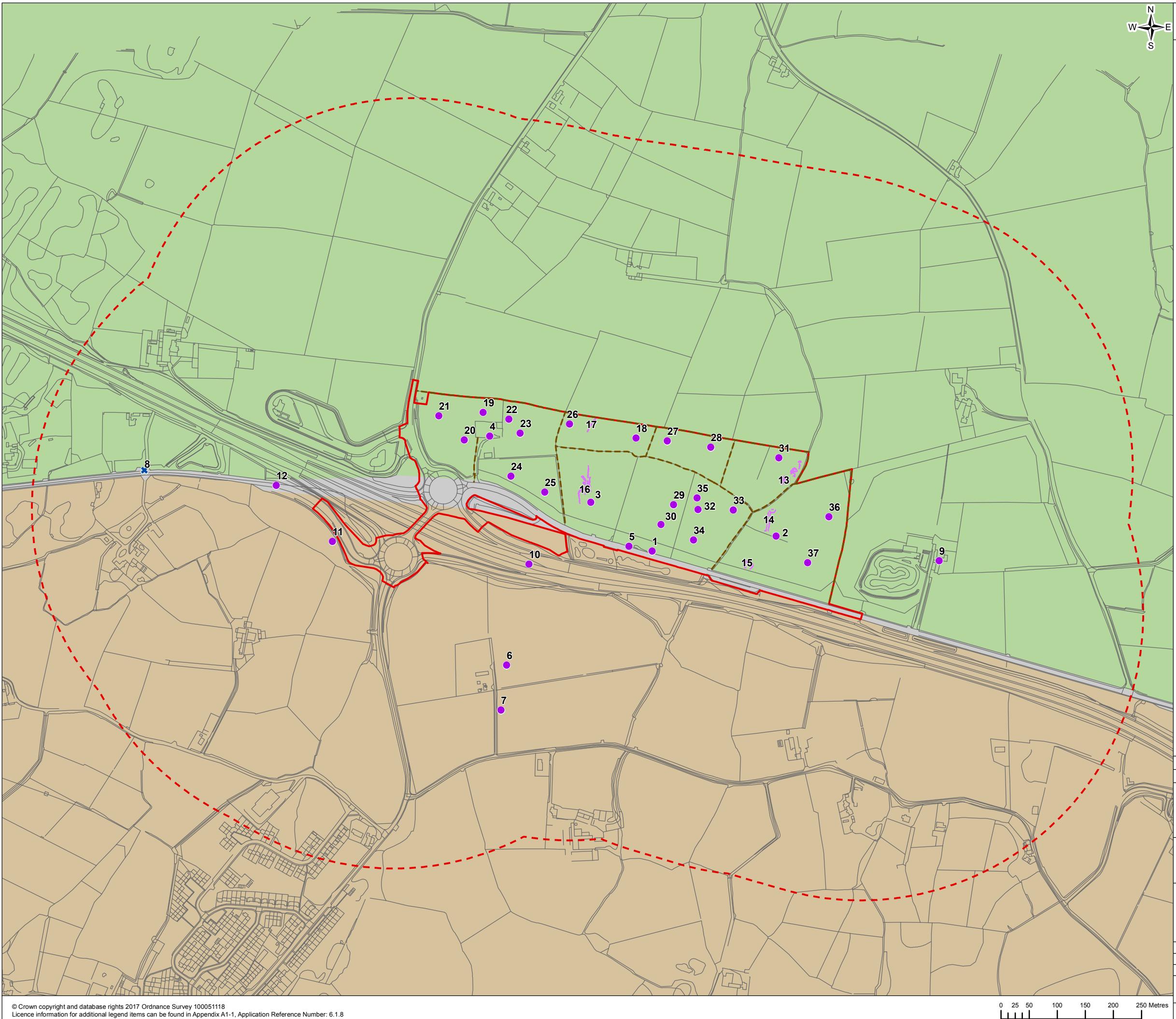
1,15,022 DO NOT SCALE
60PO8077

1. **What is the primary purpose of the proposed legislation?**

60PO8077_DCO_VOL_F_10_05

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

FIGURE F11-1



1.0 MAR 18 DCO submission HNPWL HNPWL HNPWL HNPWL

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

HORIZON

NUCLEAR POWER

Project
WYLFA NEWYDD PROJECT
ENVIRONMENTAL STATEMENT

Drawing Title
LOCATION OF HERITAGE ASSETS

Scale @ A3 1:6,500 DO NOT SCALE

Jacobs No. 60PO8077

Client No.

Drawing No. 60PO8077_DCO_VOL_F_11_01

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