

Wylfa Newydd Project

Volume 6: Environmental Statement (Part 66/73)

ES Volume H - Logistics Centre Figure Booklet - Volume H

PINS Reference Number: EN010007

Application Reference Number: 6.8.29

June 2018

Revision 1.0

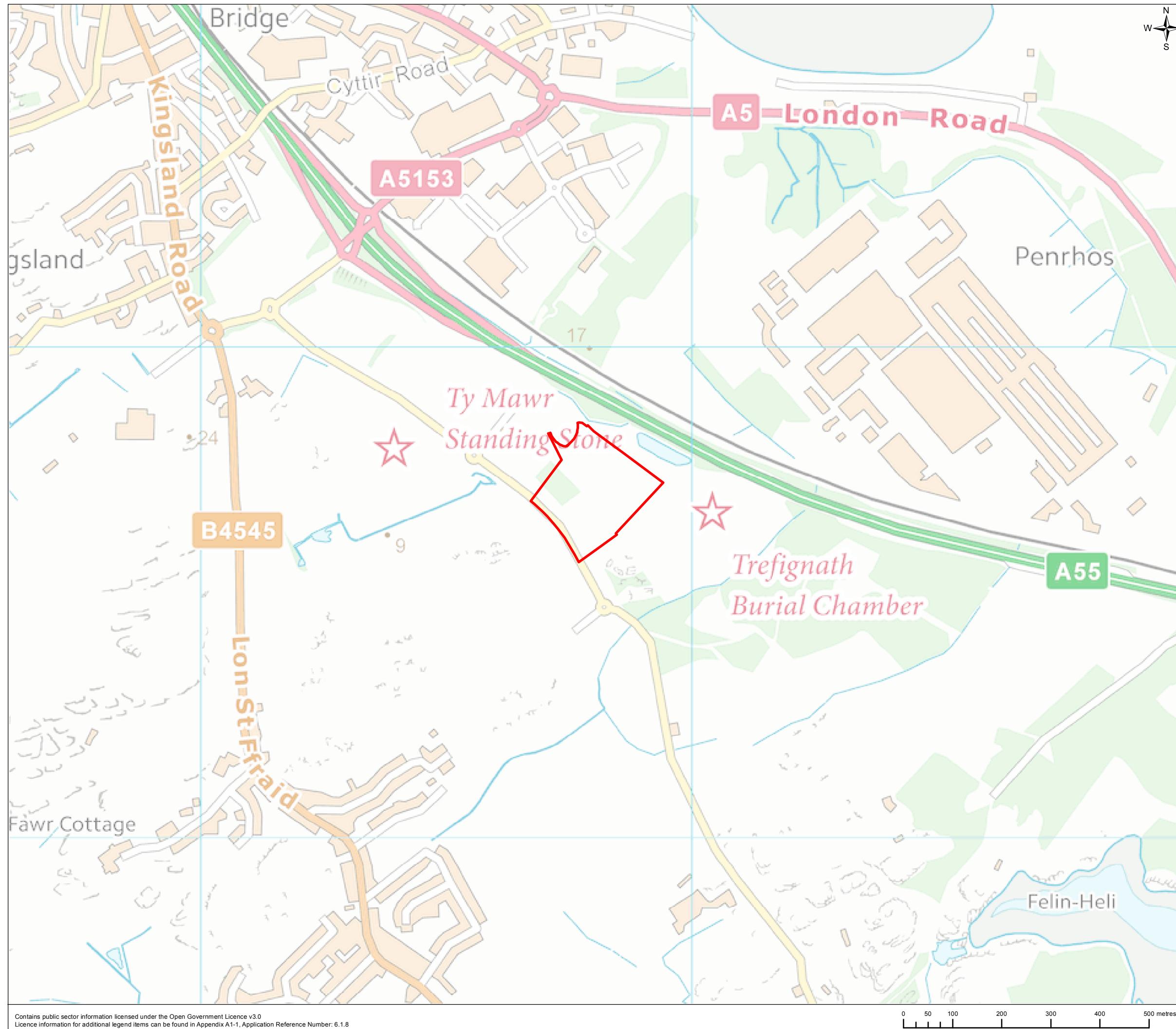
Regulation Number: 5(2)(a)

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

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FIGURE H1-1



N
W
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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'd

Client

HORIZON
NUCLEAR POWER

Project

WYLFA NEWYDD PROJECT
ENVIRONMENTAL STATEMENT

Drawing Title

LOGISTICS CENTRE
SITE LOCATION AND BOUNDARY

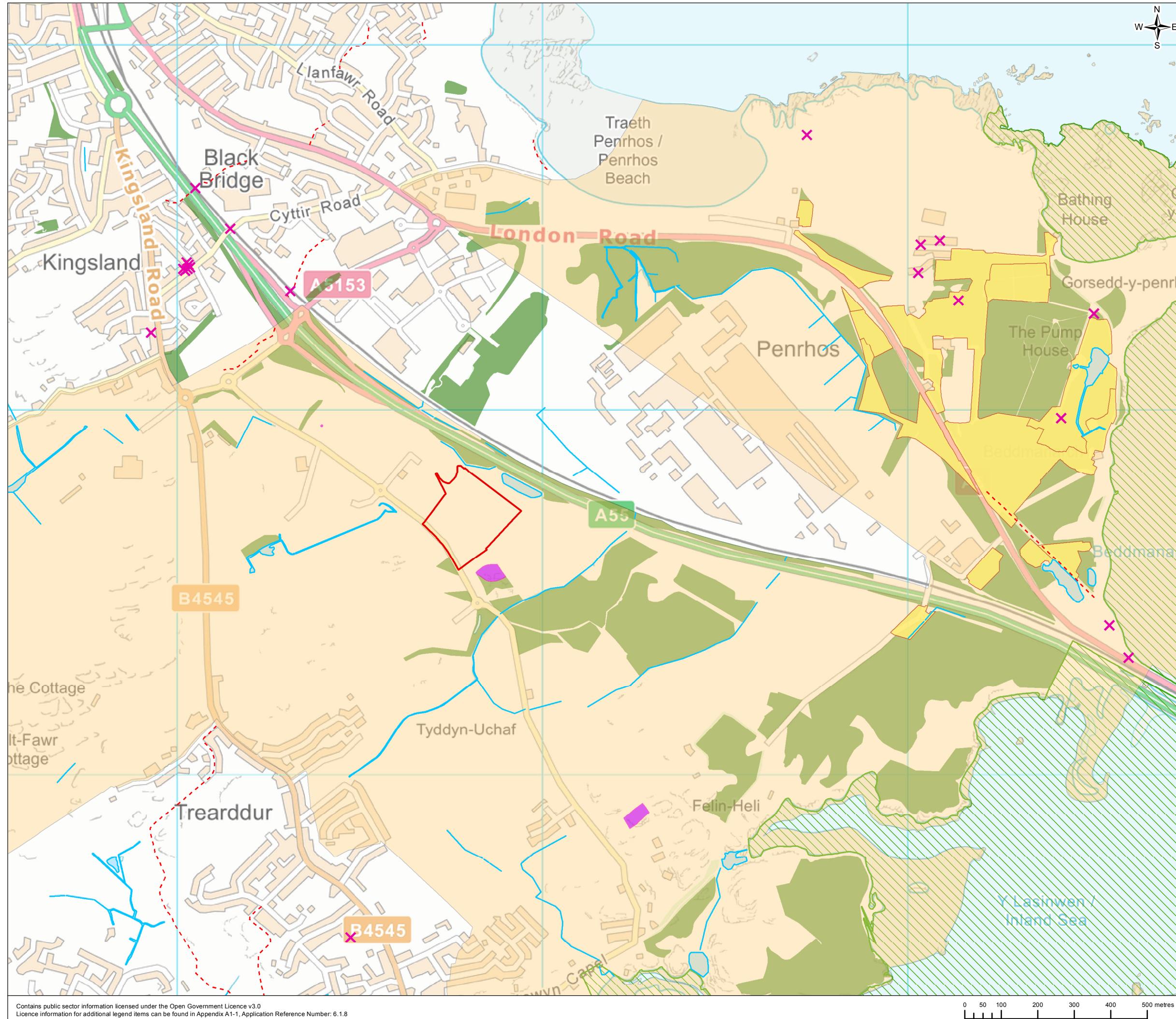
Scale @ A3 1:7,500 DO NOT SCALE
Jacobs No. 60PO8077
Client No.

Drawing No.
60PO8077_DCO_VOL_H_01_01

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FIGURE H1-2



Drawing Information							
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							
LOGISTICS CENTRE ENVIRONMENTAL CONTEXT OF THE AREA							
Scale @ A3	1:10,000	DO NOT SCALE					
Jacobs No.	60PO8077						
Client No.							
Drawing No.	60PO8077_DCO_VOL_H_01_02						
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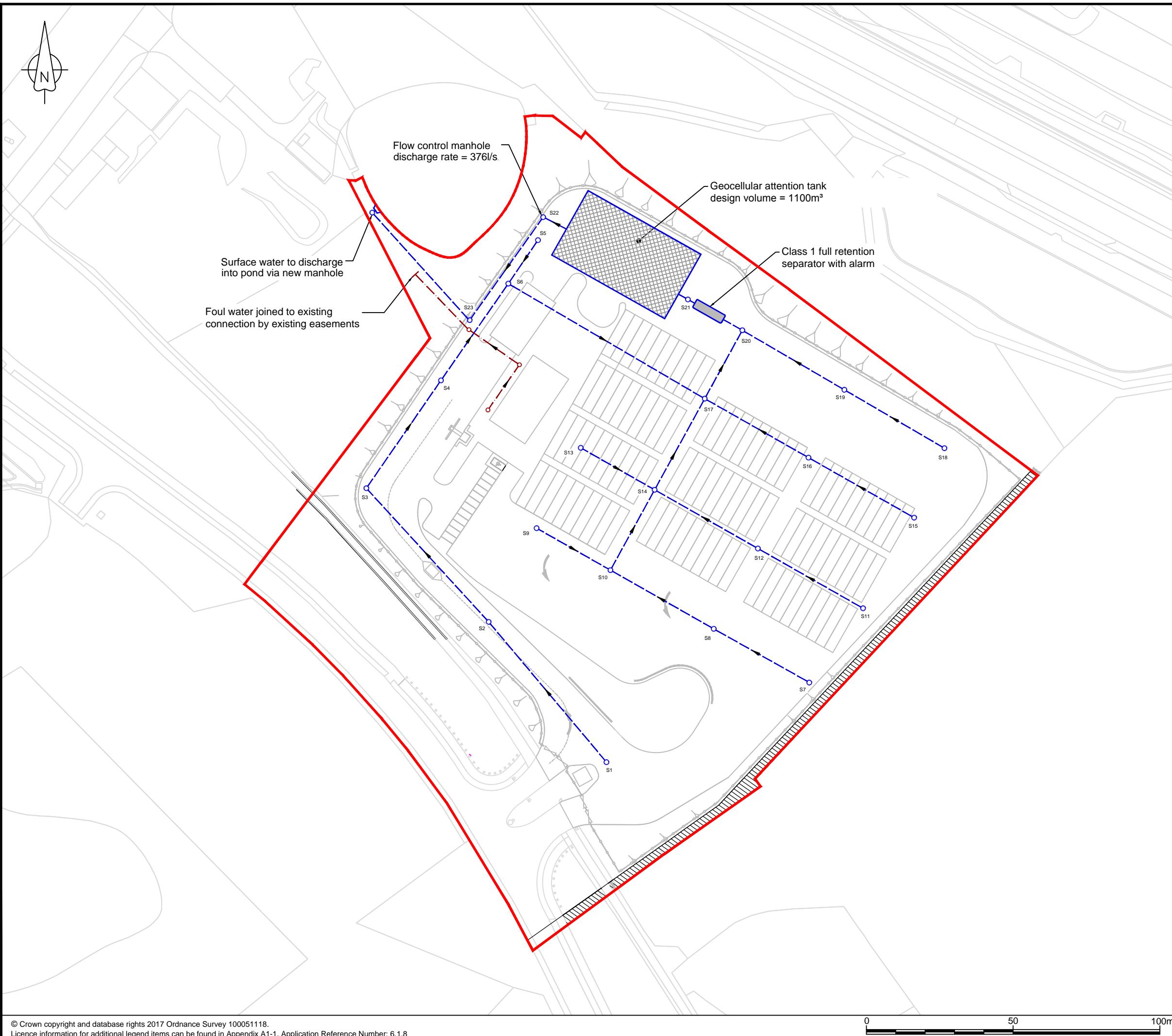
FIGURE H1-3



LEGEND	
—	Logistics Centre
—	Softworks - Existing
—	Hedgerow retained
—	Softworks - Proposed
—	Edge planting
—	Hedgerow planting
—	Grassland
—	Hardworks - Existing
—	Retained stone walling
—	Road markings
—	Hardworks - Proposed
—	2.4m high palladin fence
—	1.2m post and wire stock fencing
—	Secure gate/access point
—	Vehicle surfacing, non-permeable
—	Pedestrian surfacing
—	Pedestrian crossing
—	Gravel track
—	Stone walling
—	Embankment locations
—	Buildings - Proposed
—	Buildings
—	Building/site access point
—	Lighting - Proposed
—	Location of lighting unit
—	Water - Proposed
—	Discharge location

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						
LOGISTICS CENTRE LAYOUT AND LAND USES OF THE SITE						
Scale @ A3	1:1250	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.	-					
Drawing No.	60PO8077_DCO_VOL_H_01_03					
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FIGURE H1-4



LEGEND						
	Logistics Centre					
	Proposed surface water sewer					
	Proposed surface water catchpit					
	Proposed foul water sewer					
	Proposed foul water manhole					
	Proposed geocellular storage tank					
	Proposed full retention separator					

NOTES:

- All dimensions are in millimetres unless noted otherwise.
- All levels are in metres unless noted otherwise.
- Do not scale from this drawing.
- The surface water drainage network is proposed with the following requirements:
 - Pipes are designed for flow from a one in five year storm event plus 20% climate change with no surcharging above soffit.
 - No flooding from manholes or above ground (allowing for a 300mm freeboard below ground level) for a flow from a 1 in 30 year storm plus 20% climate change.
 - No significant ponding caused from flow from a one in 100 year storm event plus 20% climate change.
- The drainage system is proposed so that the peak discharge runoff rates for a one in 100 year plus 20% climate change storm event is constrained to greenfield runoff rates for the same event.
- Impermeable surface is proposed throughout.
- Surface water storage requirements will be provided using geo-cellular storage systems.
- The proposed outfall into the existing watercourse is subject to an Environmental Permit.
- Linear/gully receptor drains omitted for clarity. Connections to be minimum of 150mm diameter.

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						
LOGISTICS CENTRE						
PROPOSED DRAINAGE PLAN						
Scale @ A3	1:1250	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.	-					
Drawing No.						
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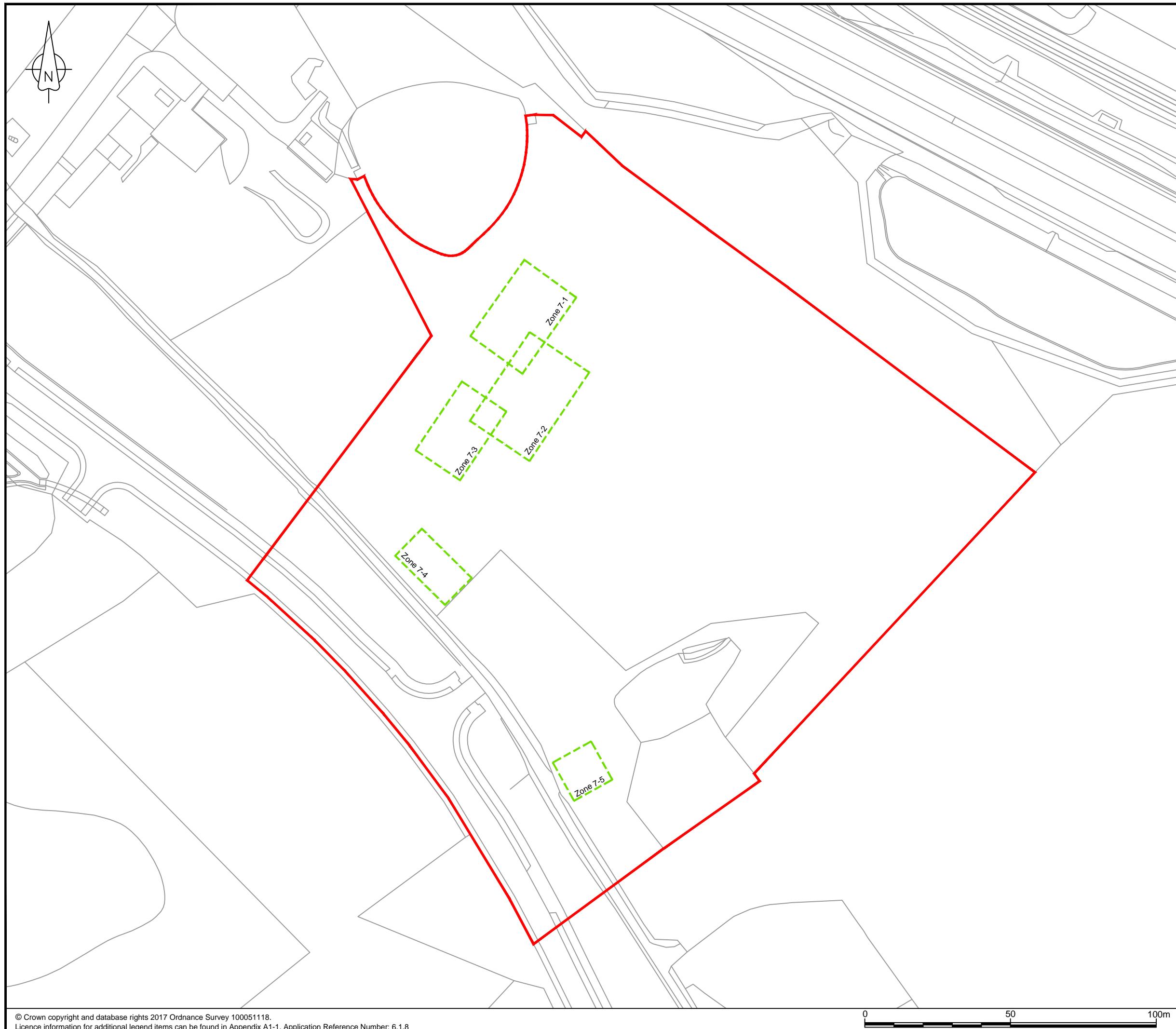


FIGURE H1-5

LEGEND

	Order Limits
	Maximum Extent of Parameter Zone

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

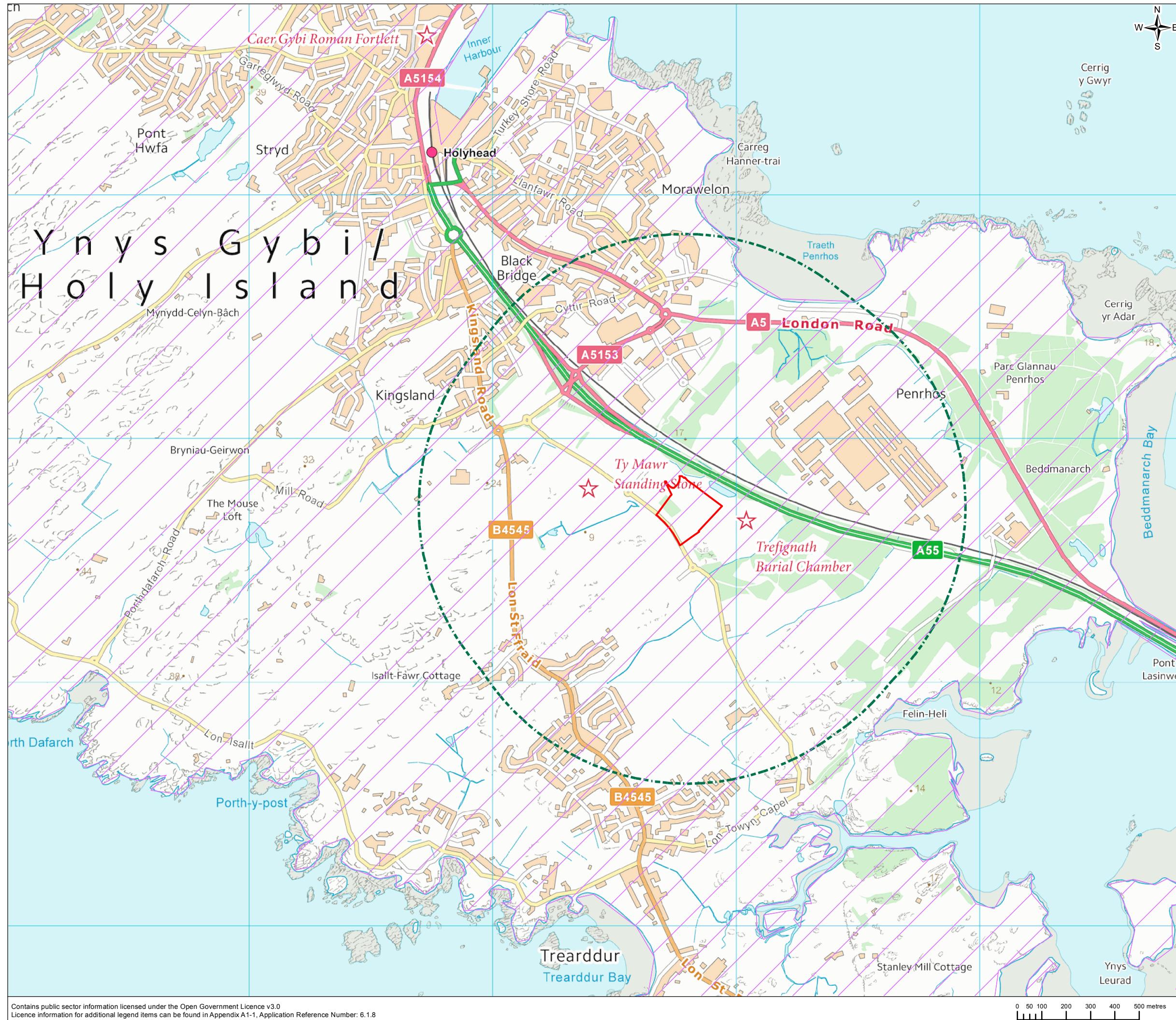
Drawing title

LOGISTICS CENTRE PARAMETER PLAN

Scale @ A3	1:1250	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.	-	

SCDCASTZ DCC VOL II 24-25

FIGURE H3-1



Legend

- Daily Construction Commuting Zone (DCCZ)
- Local Area of Influence
- Logistics Centre

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

LOGISTICS CENTRE SOCIO-ECONOMIC STUDY AREAS

Scale @ A3	1:15,000	DO NOT SCALE
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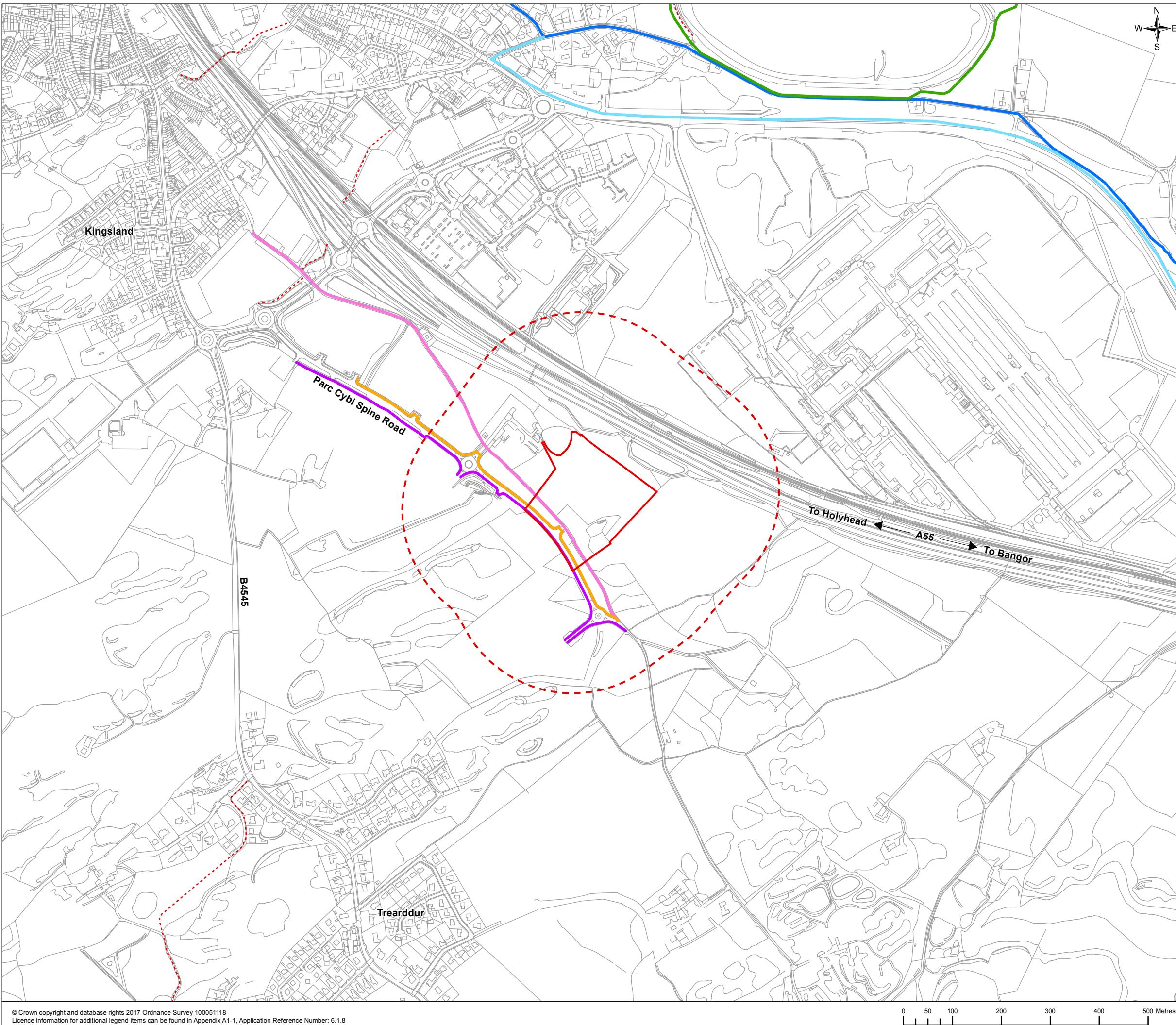
Jacobs No.	60PO8077
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Client No.	
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Drawing No.	60PO8077_DCO_VOL_H_03_01
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FIGURE H4-1



Legend

- █ Logistics Centre
- Logistics Centre study area (250m)
- Public Right of Way
- Wales Coast Path
- National Cycle Network Route 5
- National Cycle Network Route 8
- Lôn Trefignath cycle path
- Shared cycleway/footway
- Footway



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

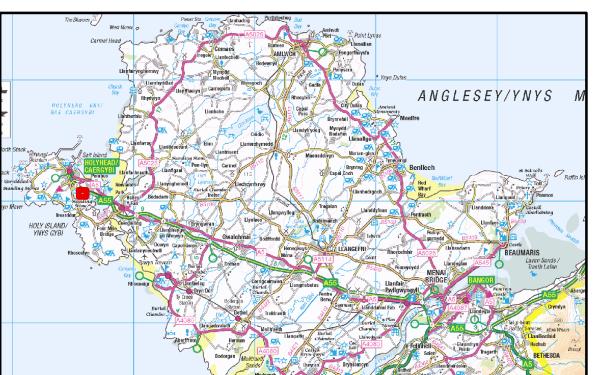
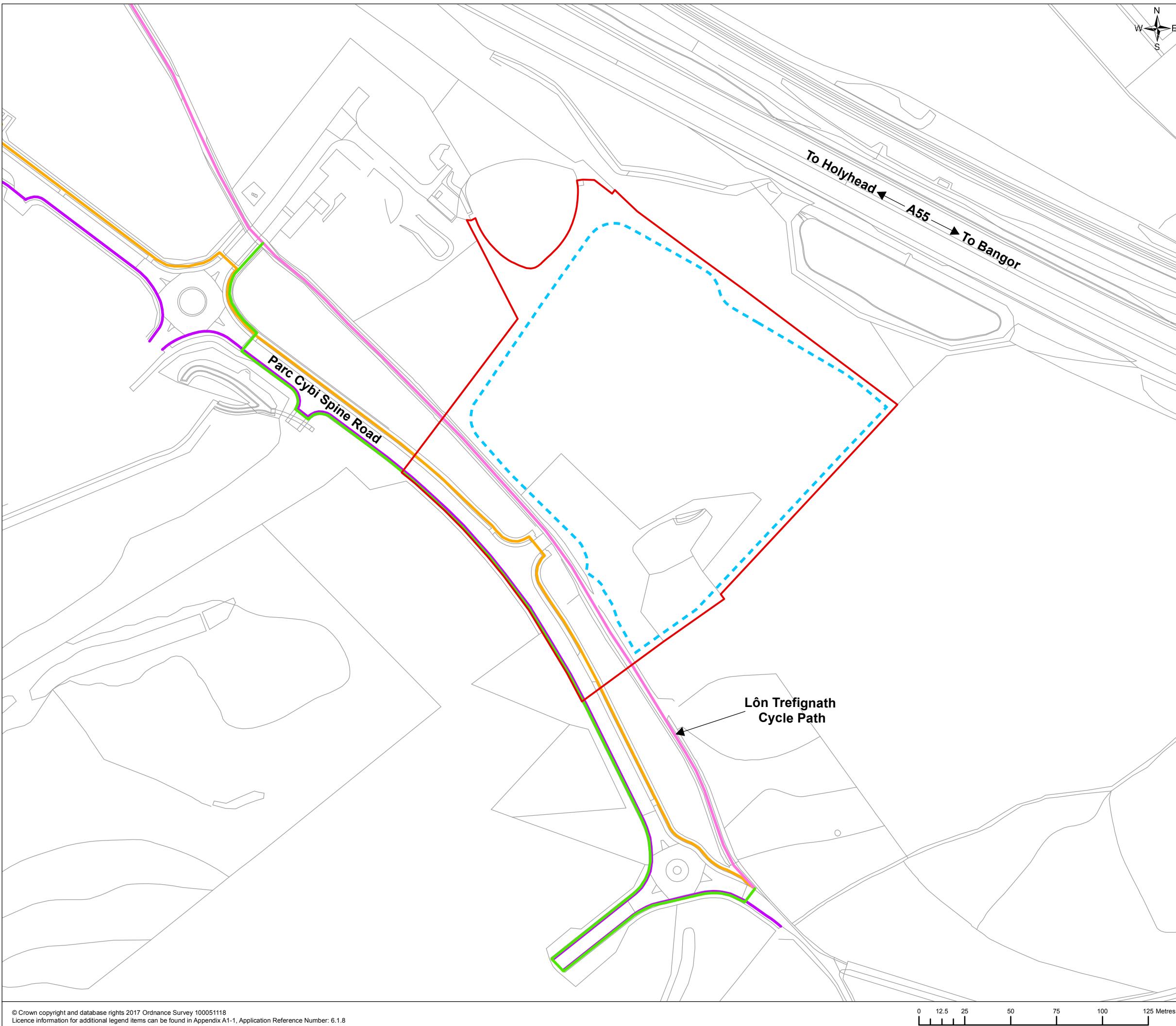
Project
WYLFA NEWYDD PROJECT
ENVIRONMENTAL STATEMENT

Drawing Title
PUBLIC ACCESS AND RECREATION BASELINE

Scale @ A3	1:7,500	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		
Drawing No.	60PO8077_DCO_VOL_H_04_01	

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FIGURE H4-2



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						
PROPOSED DIVERSION FOR USERS OF LÔN TREFIGNATH AND SHARED USE CYCLEWAY/FOOTWAY DURING CONSTRUCTION OF SITE ENTRANCE						
Scale @ A3	1:2,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_H_04_02					
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						

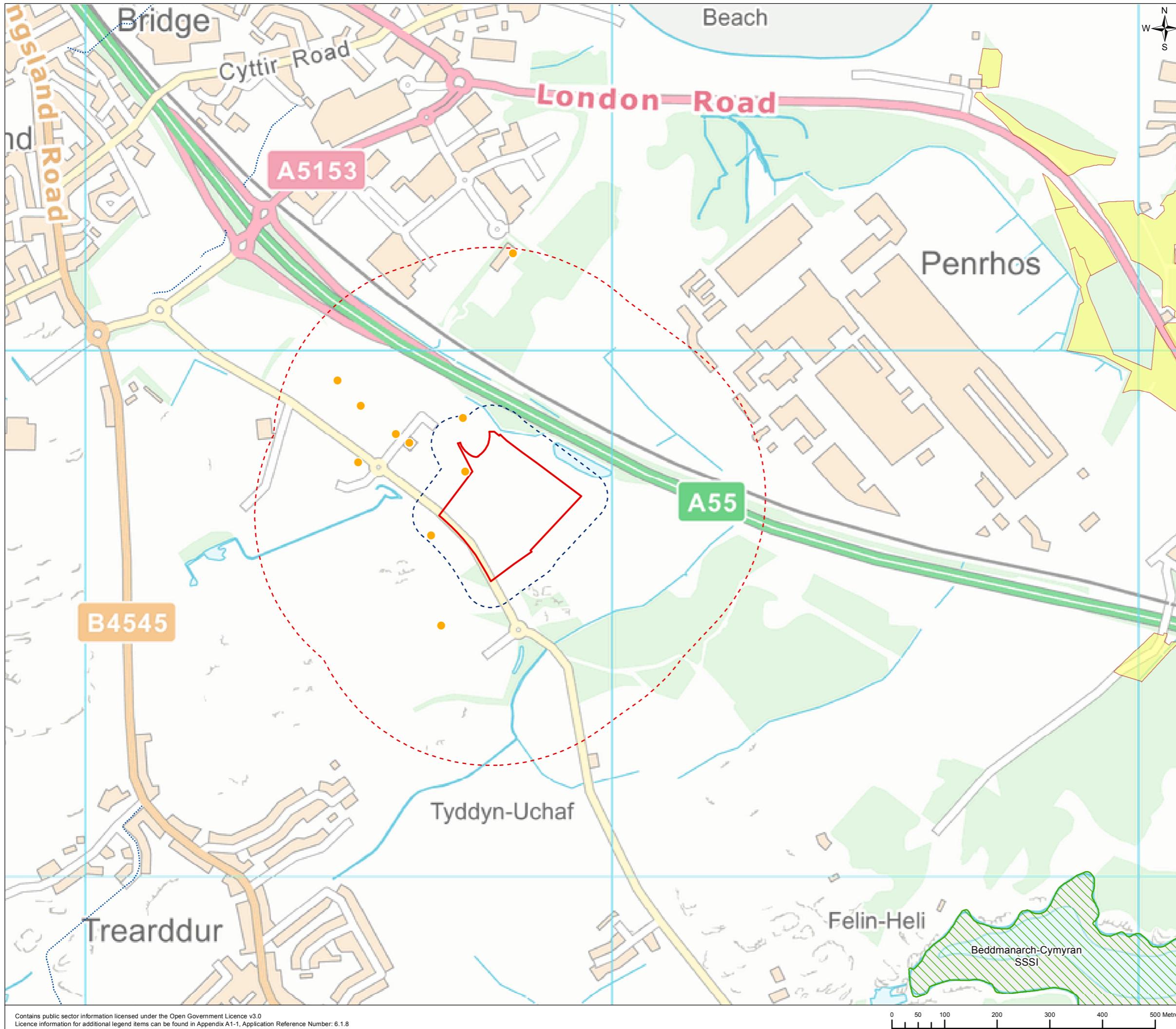


FIGURE H5-1

Legend

- Logistics Centre
- Construction dust assessment study area for ecological receptors (50m from the Logistics Centre)
- Construction dust assessment study area for human receptors (350m from Logistics Centre)
- Public Rights of Way
- Human receptor locations

Ecological receptor

- Site of Special Scientific Interest (SSSI)
- Ancient Woodland



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

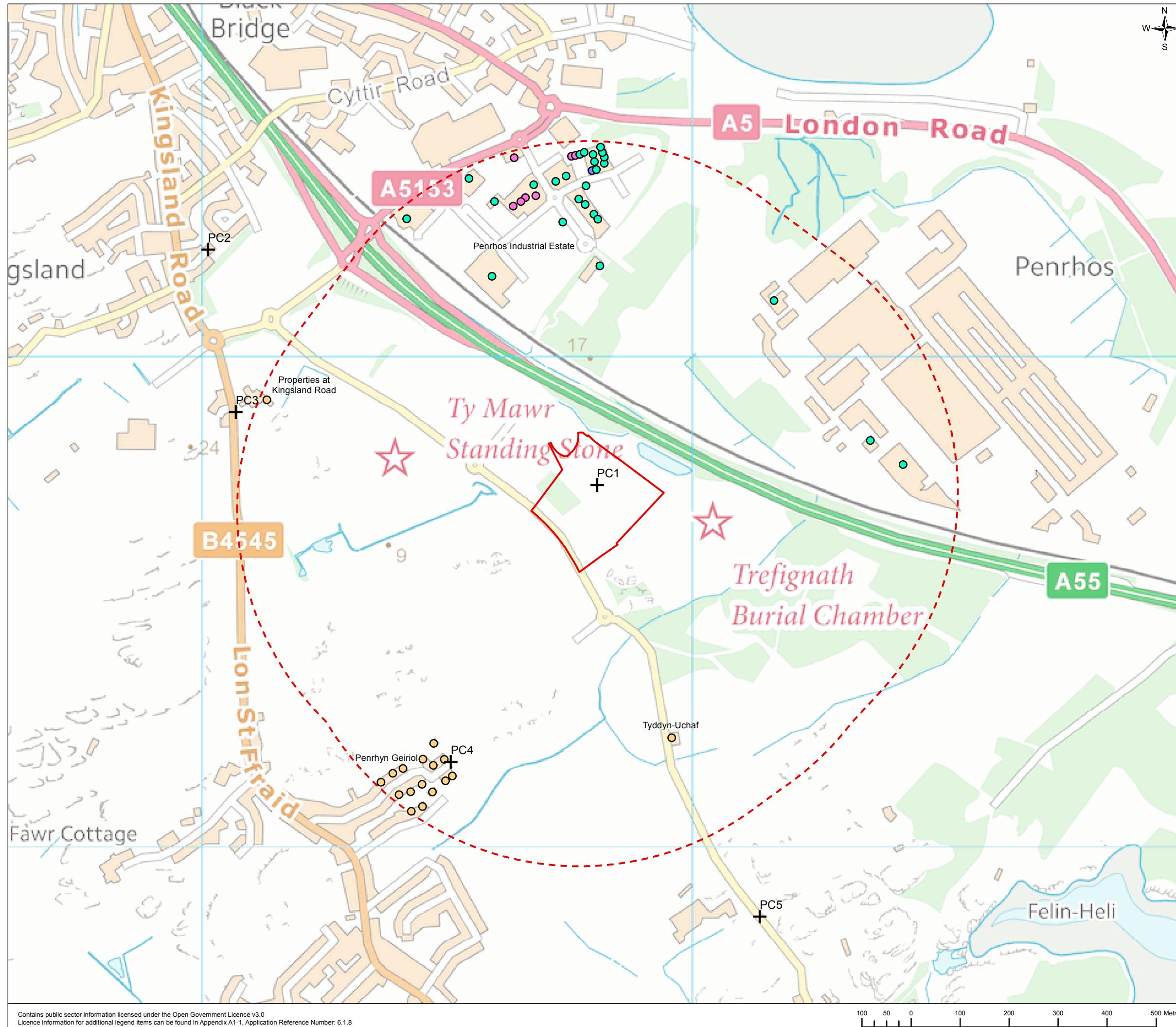
AIR QUALITY STUDY AREA AND RECEPTOR LOCATIONS IN THE VICINITY OF THE LOGISTICS CENTRE BOUNDARY

Scale @ A3	1:7,000	DO NOT SCALE
Jacobs No.	60PO8077	
Client No.		

Drawing No. **60PO8077_DCO_VOL_H_05_01**

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FIGURE H6-1



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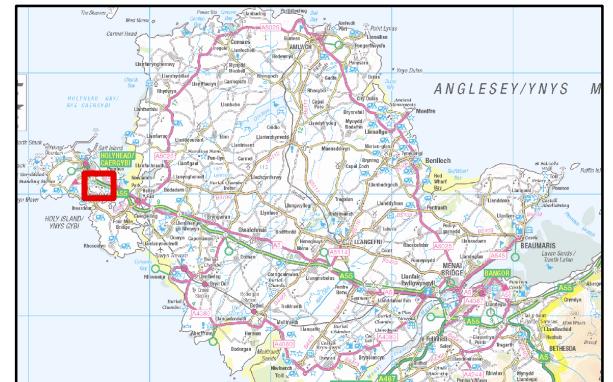
Legend							
 Logistics Centre							
 Logistics Centre study area							
+ Noise measurement locations for assessment purposes only							
Noise receptor type							
● Commercial							
● Community							
● Industrial							
● Residential							
							
1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL		
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd		
Client							
HORIZON NUCLEAR POWER							
Project							
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT							
Drawing Title							
LOGISTICS CENTRE NOISE MONITORING LOCATIONS							
Scale @ A3	1:7,500	DO NOT SCALE					
Jacobs No.	60PO8077						
Client No.							
Drawing No.	60PO8077_DCO_VOL_H_06_01						
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FIGURE H6-2

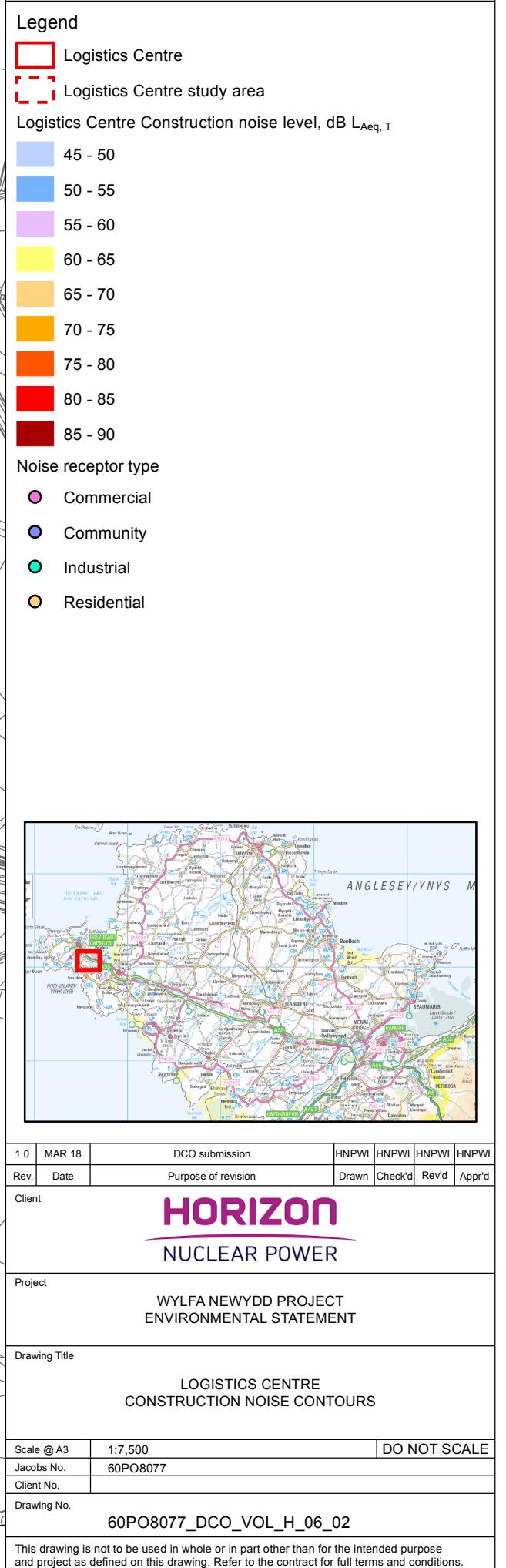
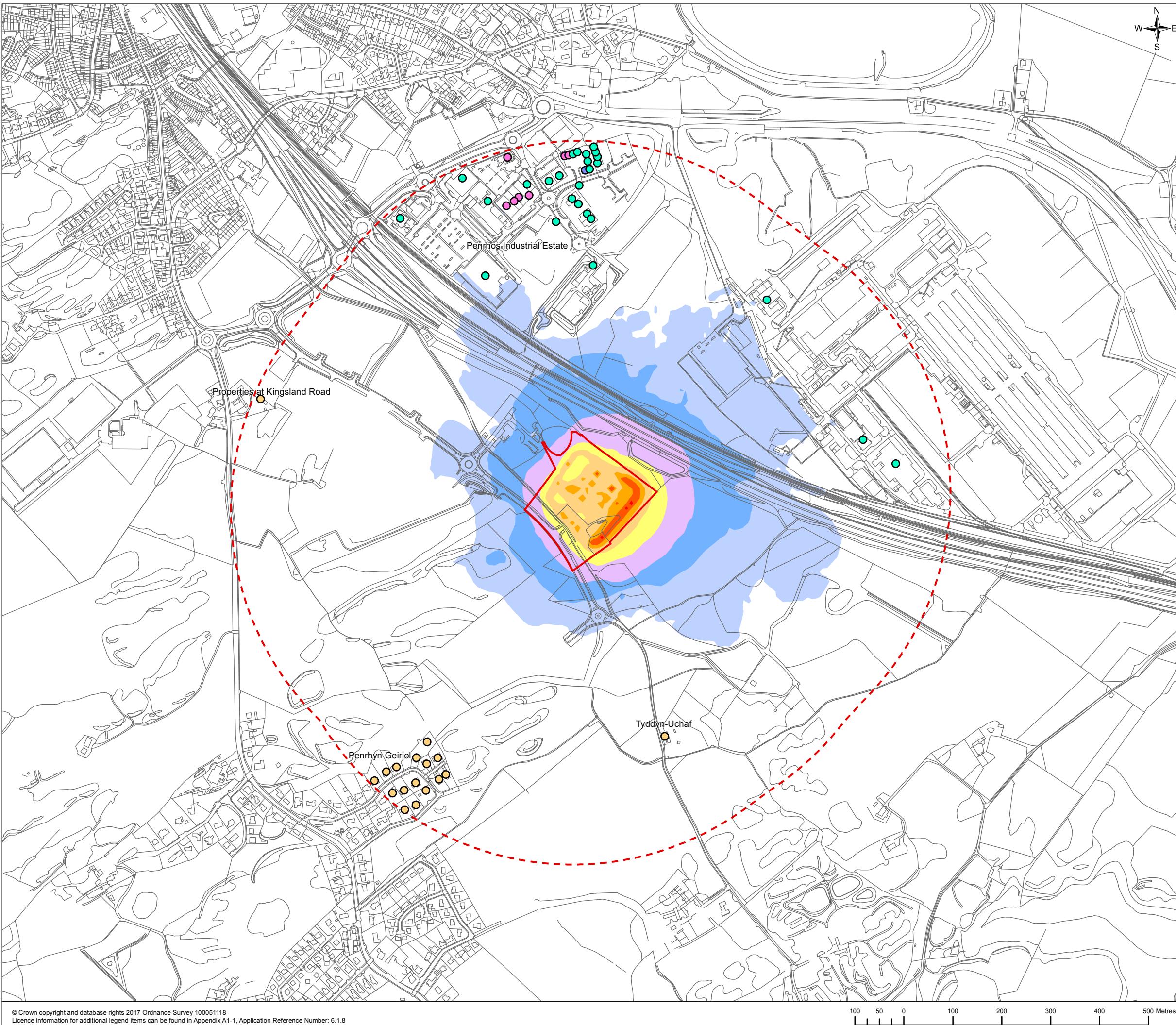


FIGURE H6-3



Legend

- Logistics Centre
- Logistics Centre study area

Logistics Centre Operation noise level, dB $L_{Aeq,T}$

45 - 50
50 - 55
55 - 60
60 - 65
65 - 70
70 - 75
75 - 80
80 - 85
85 - 90

Noise receptor type

- Commercial
- Community
- Industrial
- Residential



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
LOGISTICS CENTRE
OPERATIONAL NOISE CONTOURS

Scale @ A3	1:7,500	DO NOT SCALE
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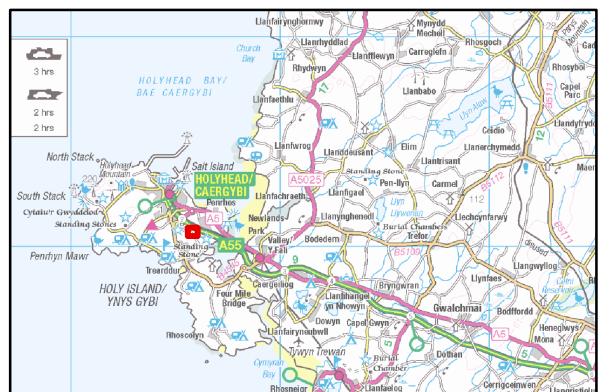
Jacobs No.	60PO8077
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Client No.	
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Drawing No.	60PO8077_DCO_VOL_H_06_03
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FIGURE H6-4



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						
LOGISTICS CENTRE OPERATIONAL NOISE SOURCES						
Scale @ A3	1:1,500	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_H_06_04					
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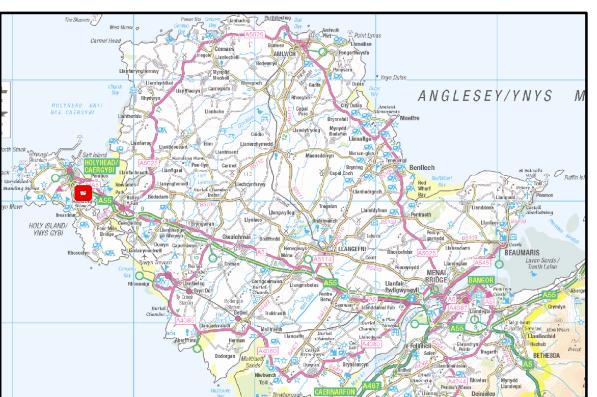
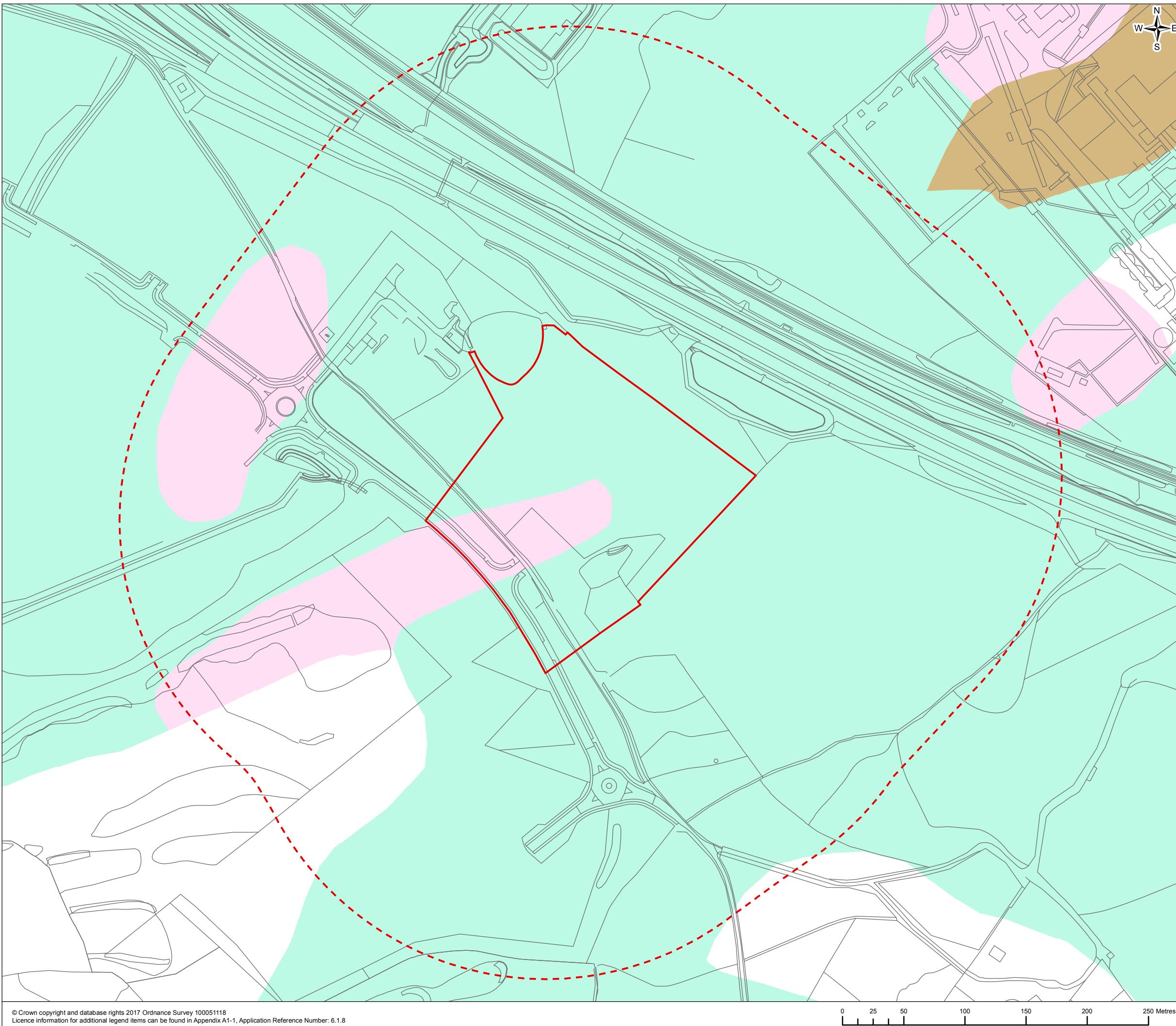
FIGURE H7-1



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 GRADES						
Scale @ A3	1:3,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_H_07_01					

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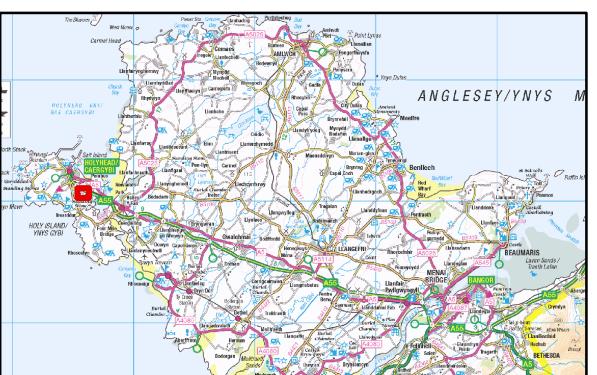
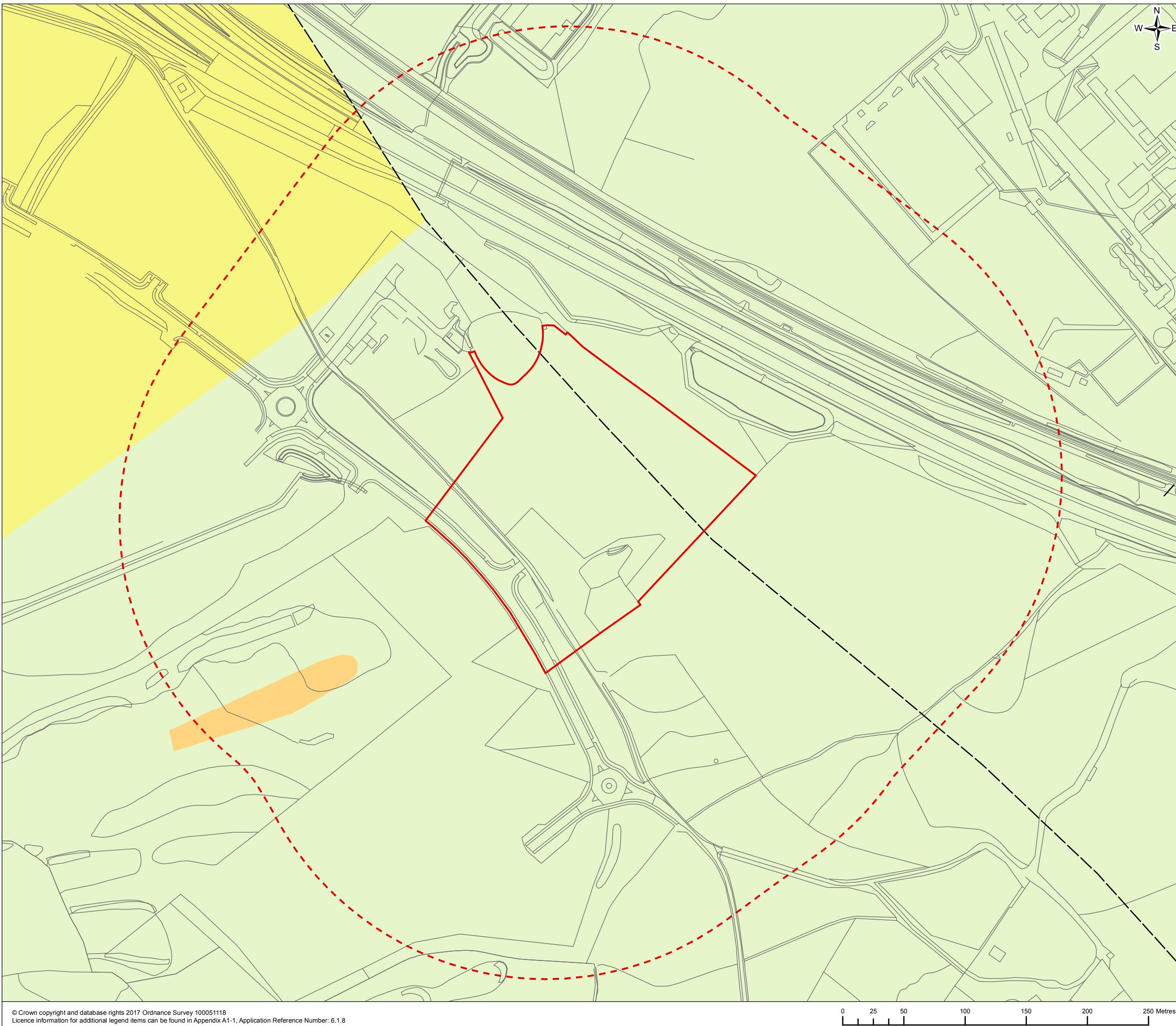
FIGURE H7-2



1.0	MAR 18	DCO submission	HNPWL	HNPWL	HNPWL	HNPWL
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
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HORIZON NUCLEAR POWER						
Project						
WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT						
Drawing Title						
PUBLISHED SUPERFICIAL GEOLOGY						
Scale @ A3	1:3,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_H_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.

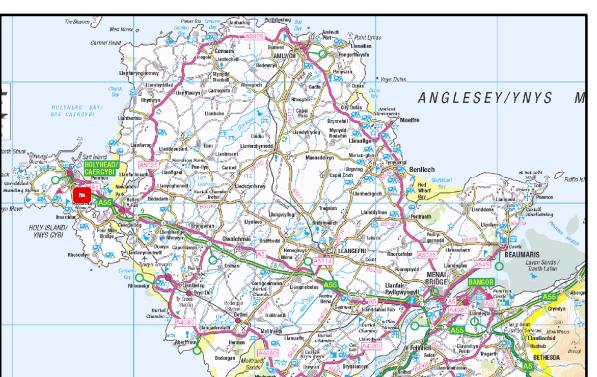
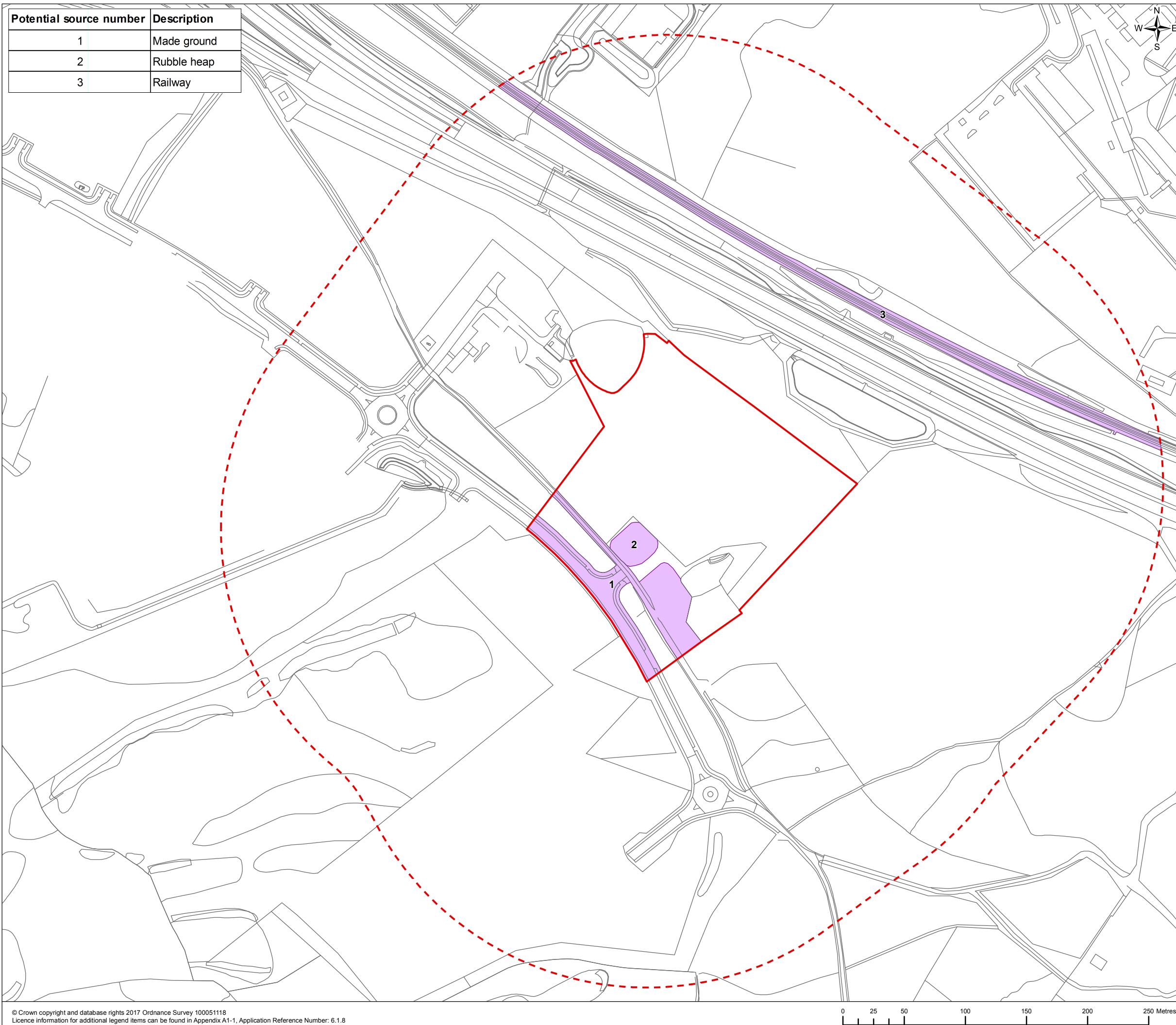
FIGURE H7-3



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						
PUBLISHED BEDROCK GEOLOGY						
Scale @ A3	1:3,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_H_07_03					

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FIGURE H7-4



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
POTENTIAL SOURCES OF CONTAMINATION

Scale @ A3 1:3,000 DO NOT SCALE

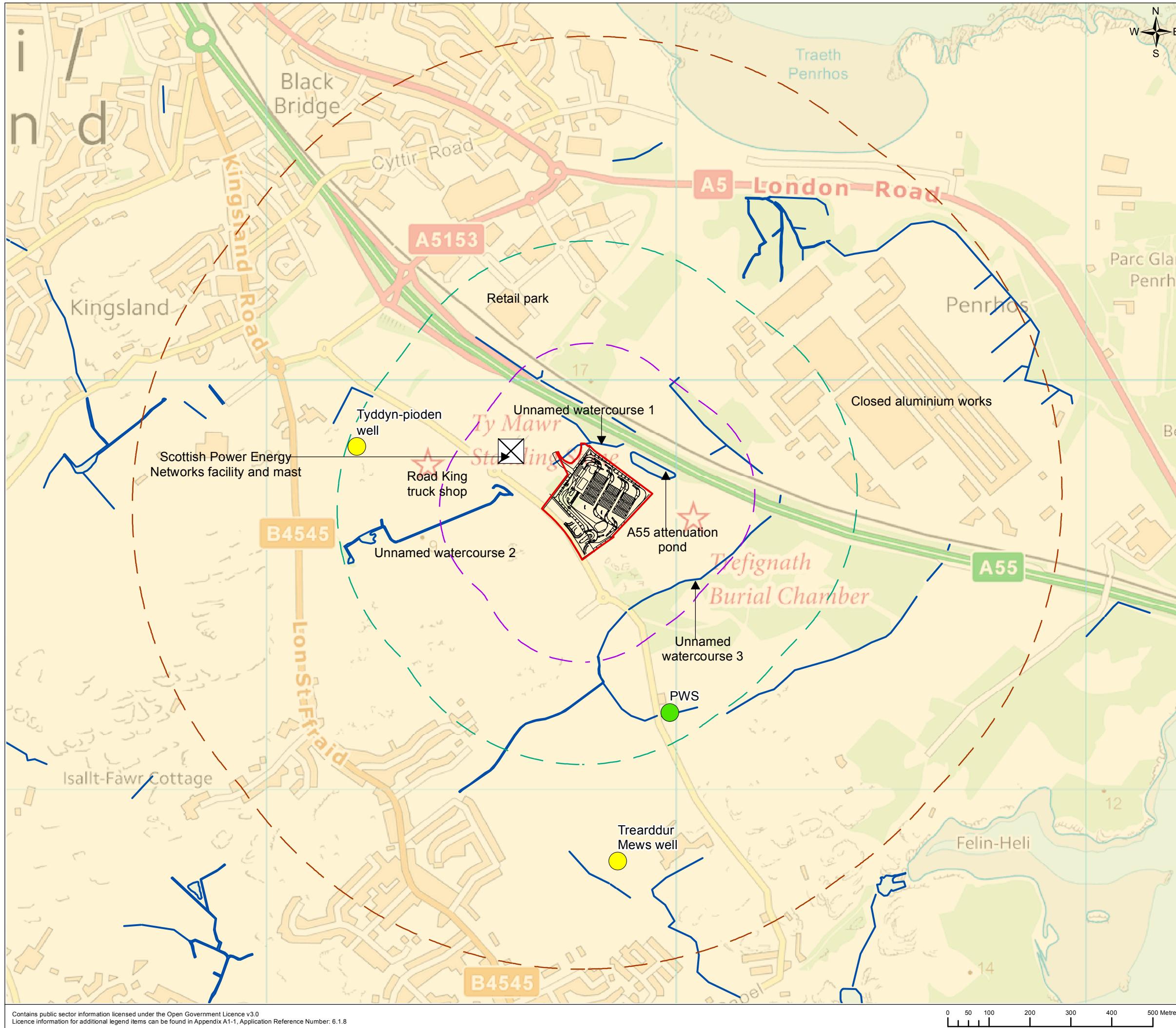
Jacobs No. 60PO8077

Client No.

Drawing No. 60PO8077_DCO_VOL_H_07_04

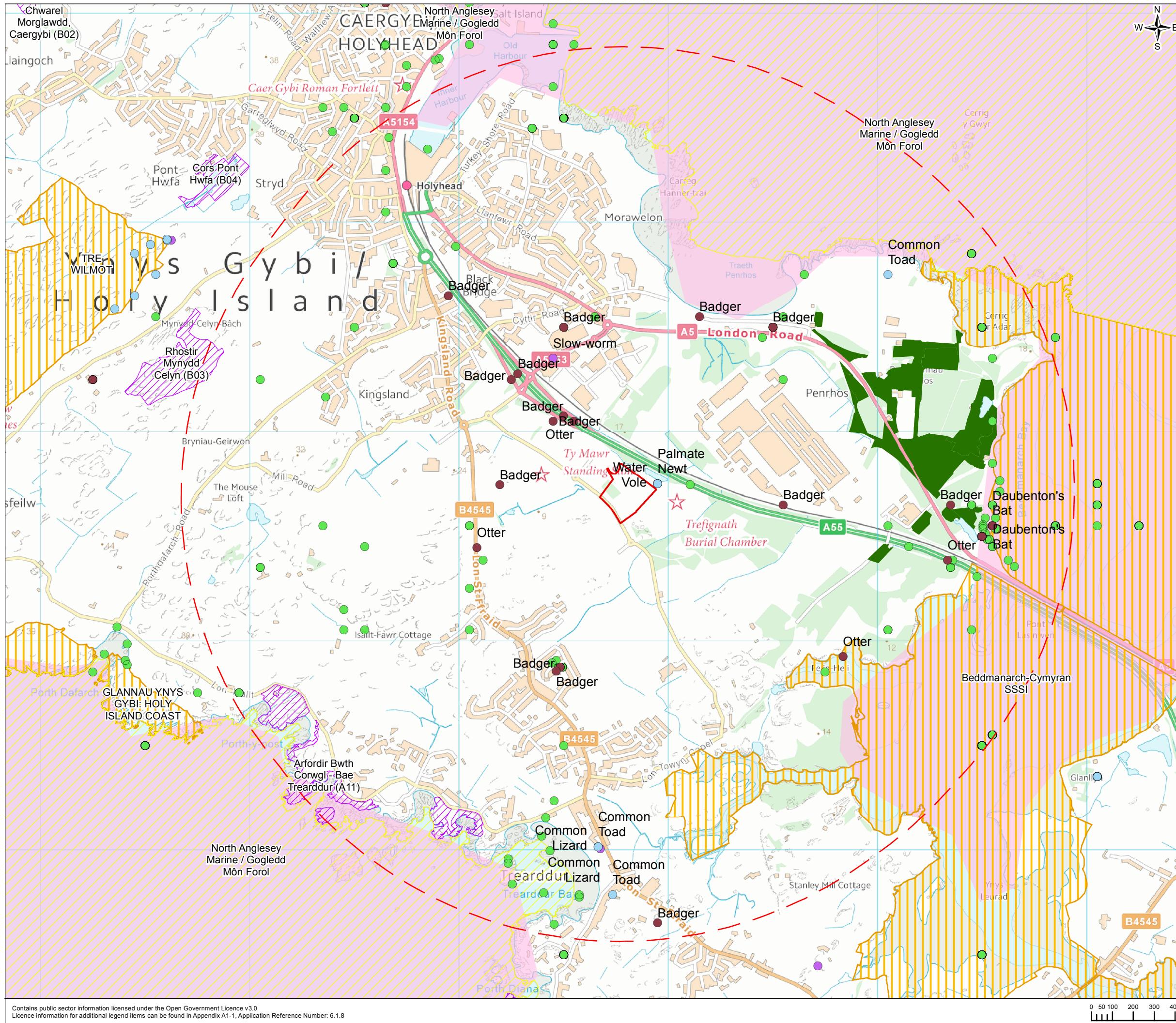
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FIGURE H8-1



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						
SURFACE WATER AND GROUNDWATER STUDY AREA						
Scale @ A3	1:9,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_H_08_01					
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FIGURE H9-1



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>HORIZON NUCLEAR POWER</p>						
Project						
<p style="text-align: center;">WYLOFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT</p>						
Drawing Title						
<p style="text-align: center;">STATUTORY AND NON-STATUTORY SITES FOR NATURE CONSERVATION AND COFNOD RECORDS WITHIN THE STUDY AREA</p>						
Scale @ A3	1:17,500			DO NOT SCALE		
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_H_09_01					
500 Metres	<p><input type="checkbox"/> 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</p>					

FIGURE H10-1

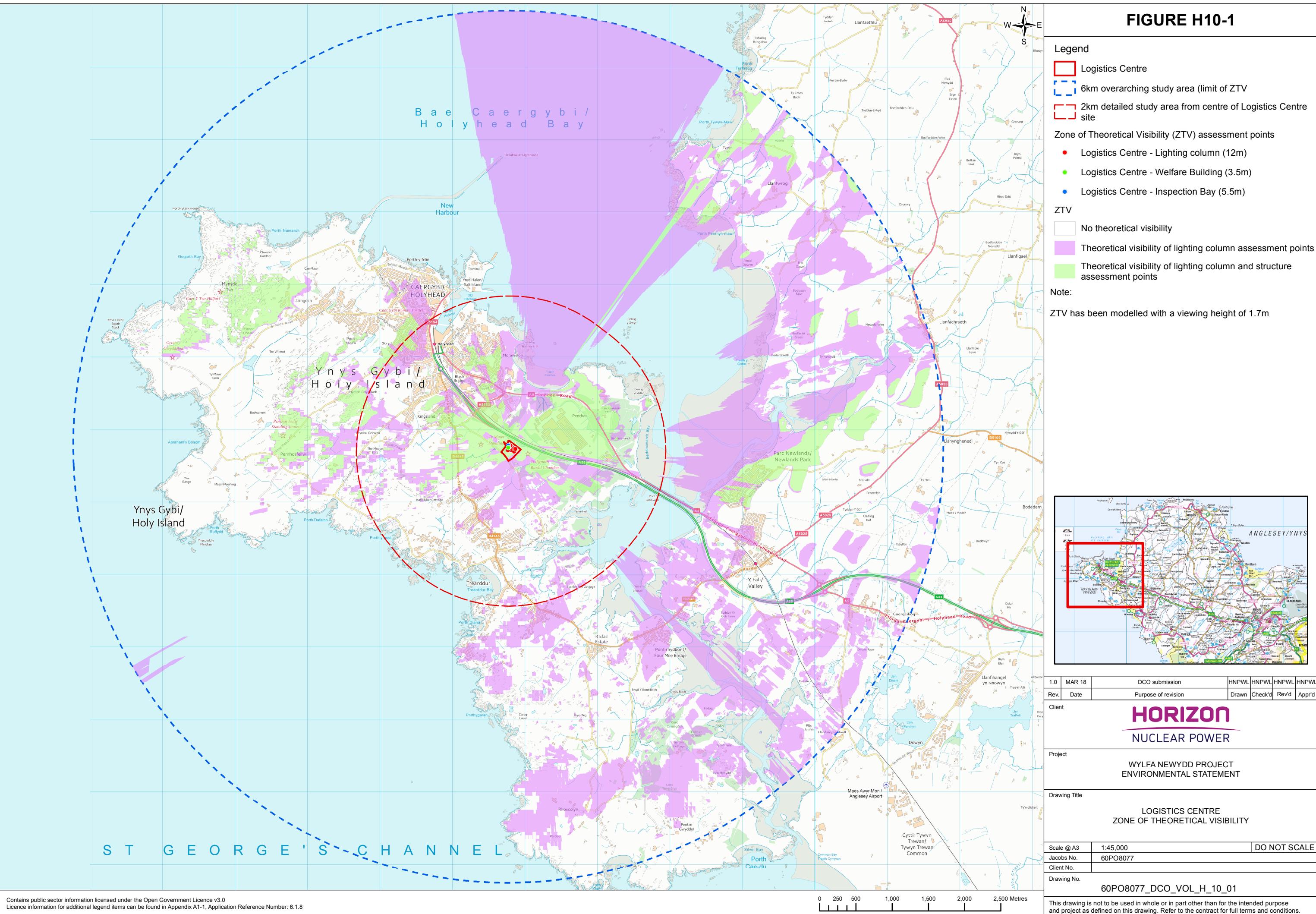


FIGURE H10-2

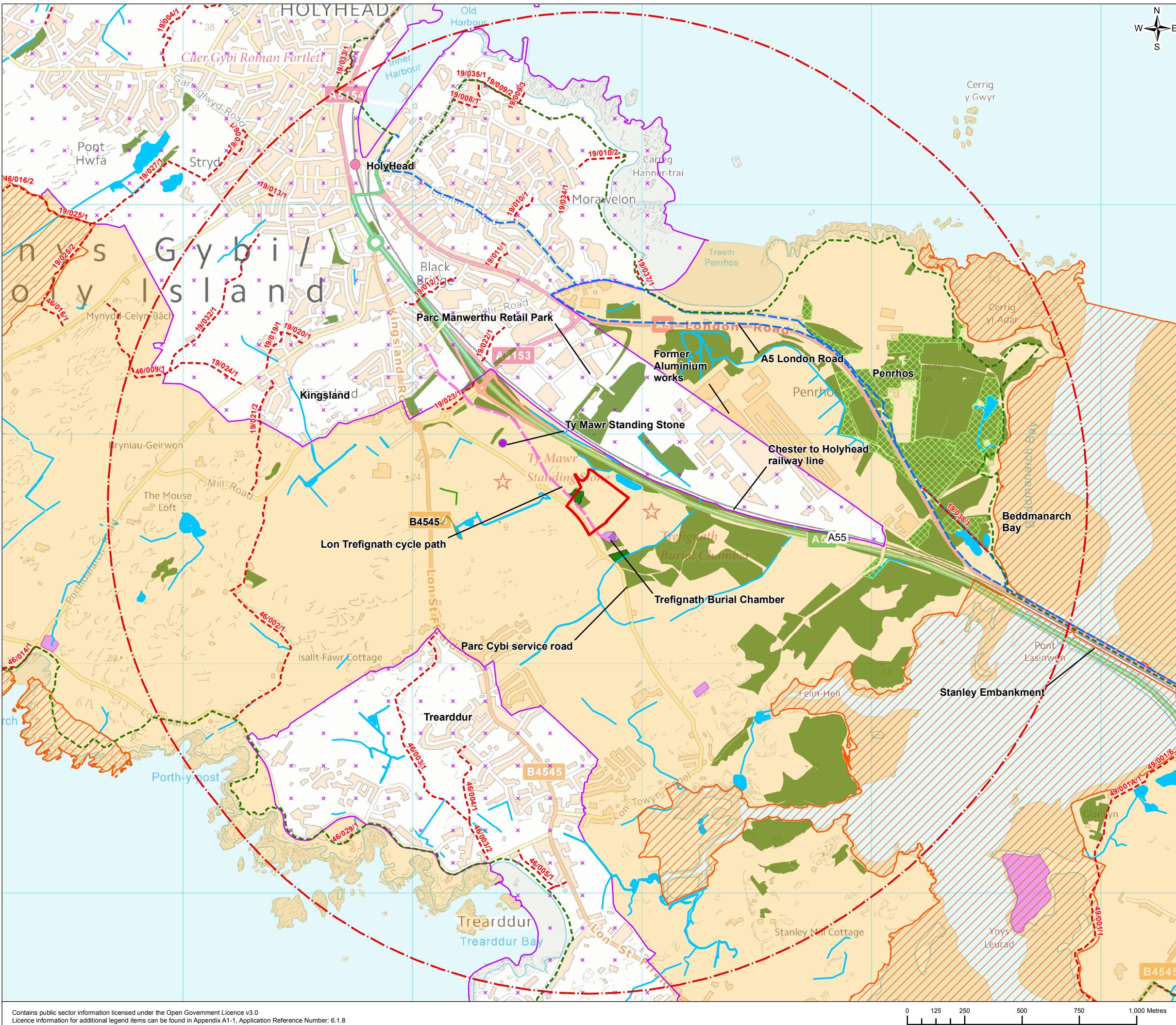
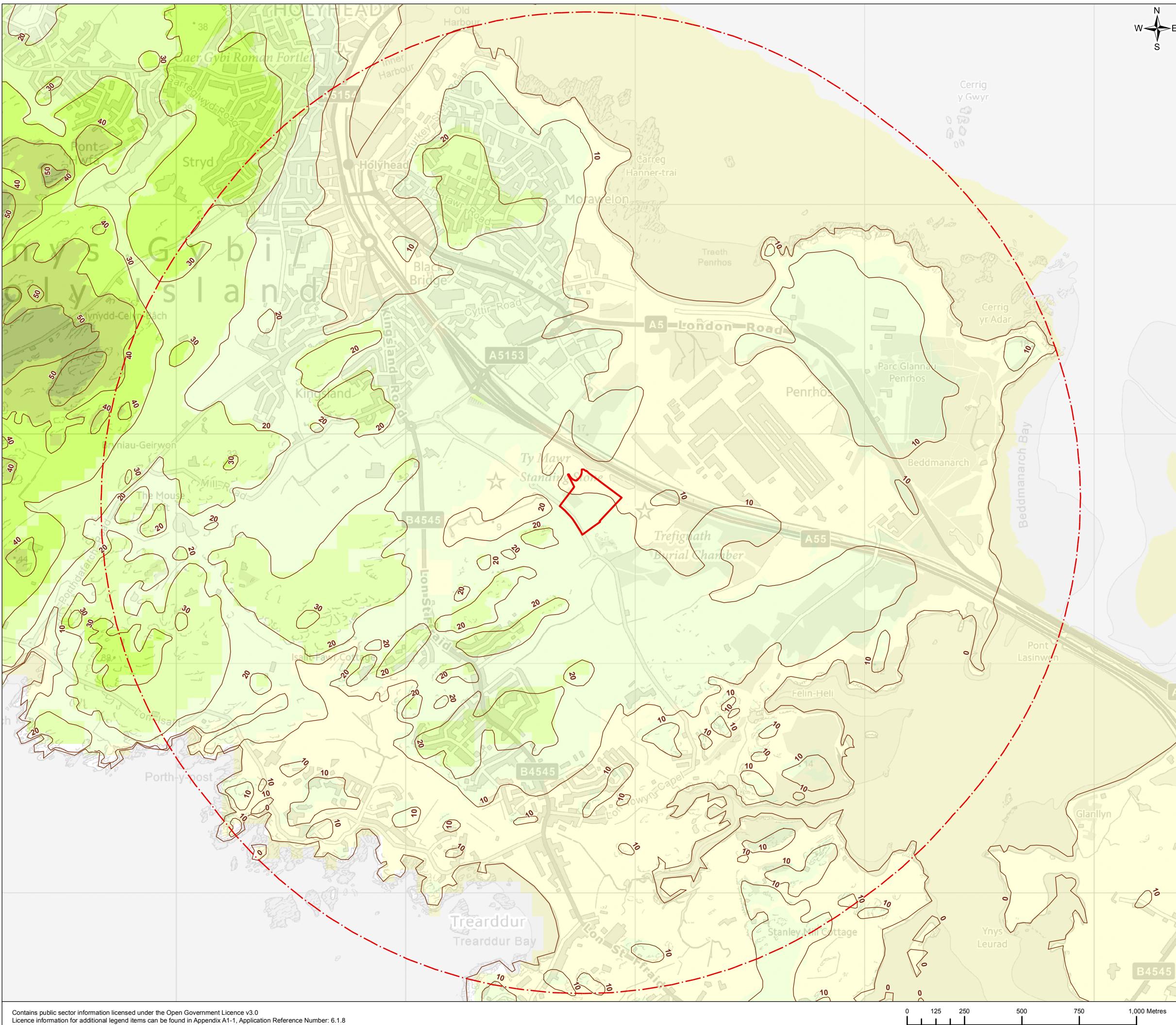


FIGURE H10-3



Legend

- Logistics Centre
- 2km detailed study area
- Contours at 10m intervals

Elevation (m)

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



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

LOGISTICS CENTRE
TOPOGRAPHY

Scale @ A3 1:16,000 DO NOT SCALE

Jacobs No. 60PO8077

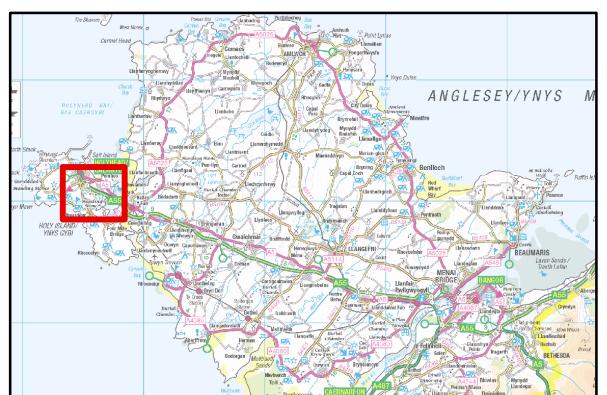
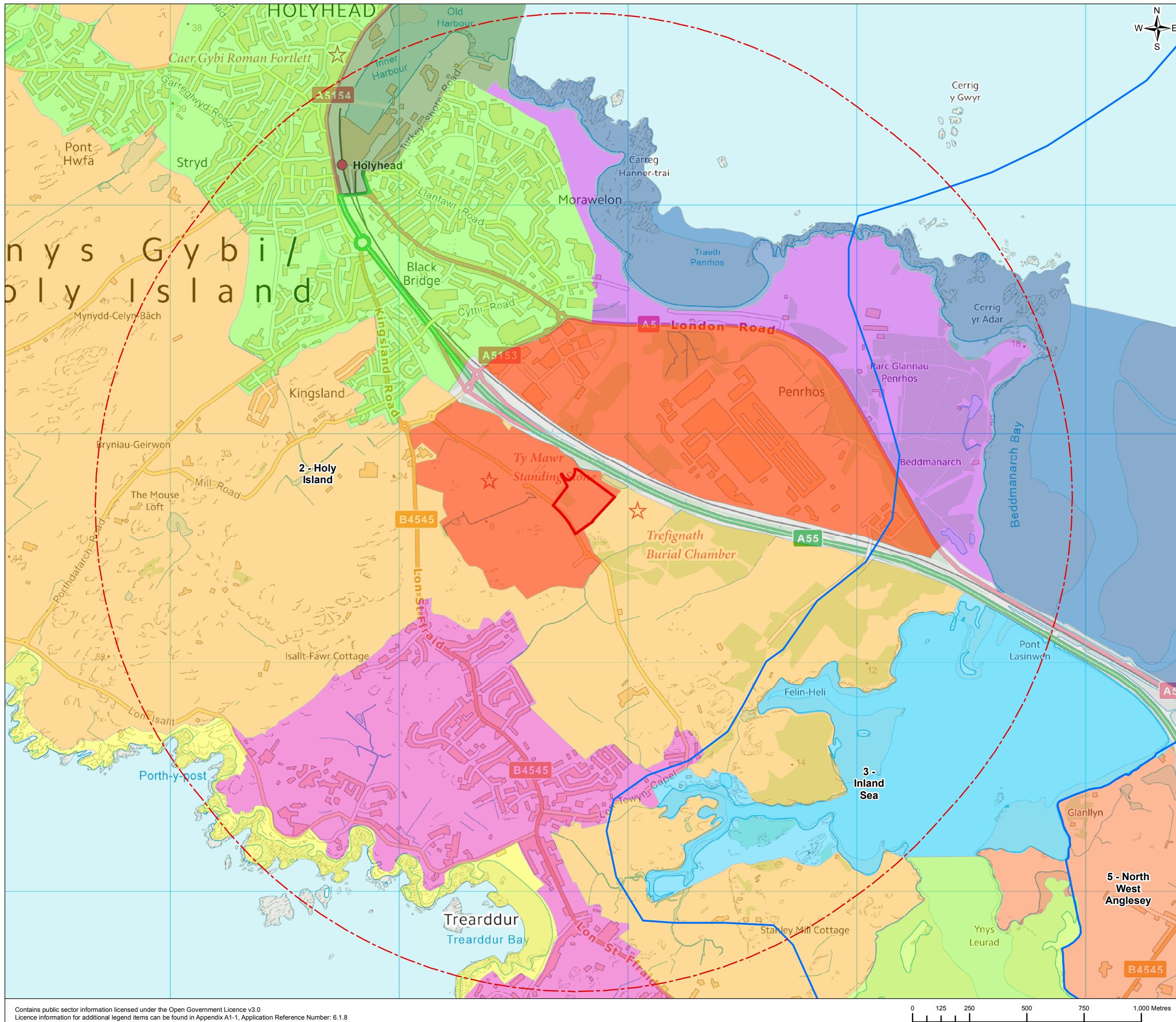
Client No.

Drawing No.

60PO8077_DCO_VOL_H_10_03

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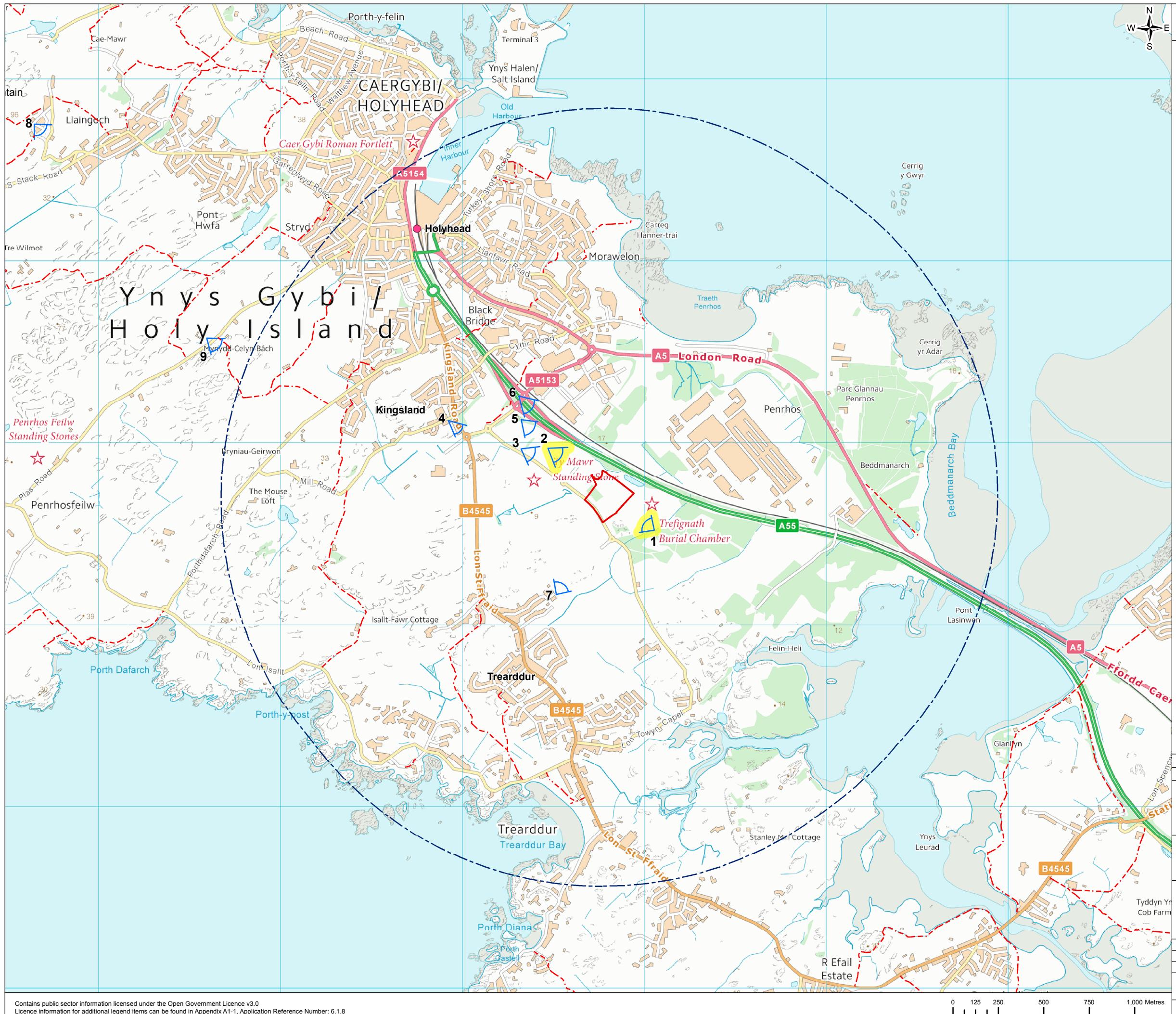
FIGURE H10-4



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						
LOGISTICS CENTRE LANDSCAPE CHARACTER (PUBLISHED SOURCES)						
Scale @ A3	1:16,000	DO NOT SCALE				
Jacobs No.	60PO8077					
Client No.						
Drawing No.	60PO8077_DCO_VOL_H_10_04					

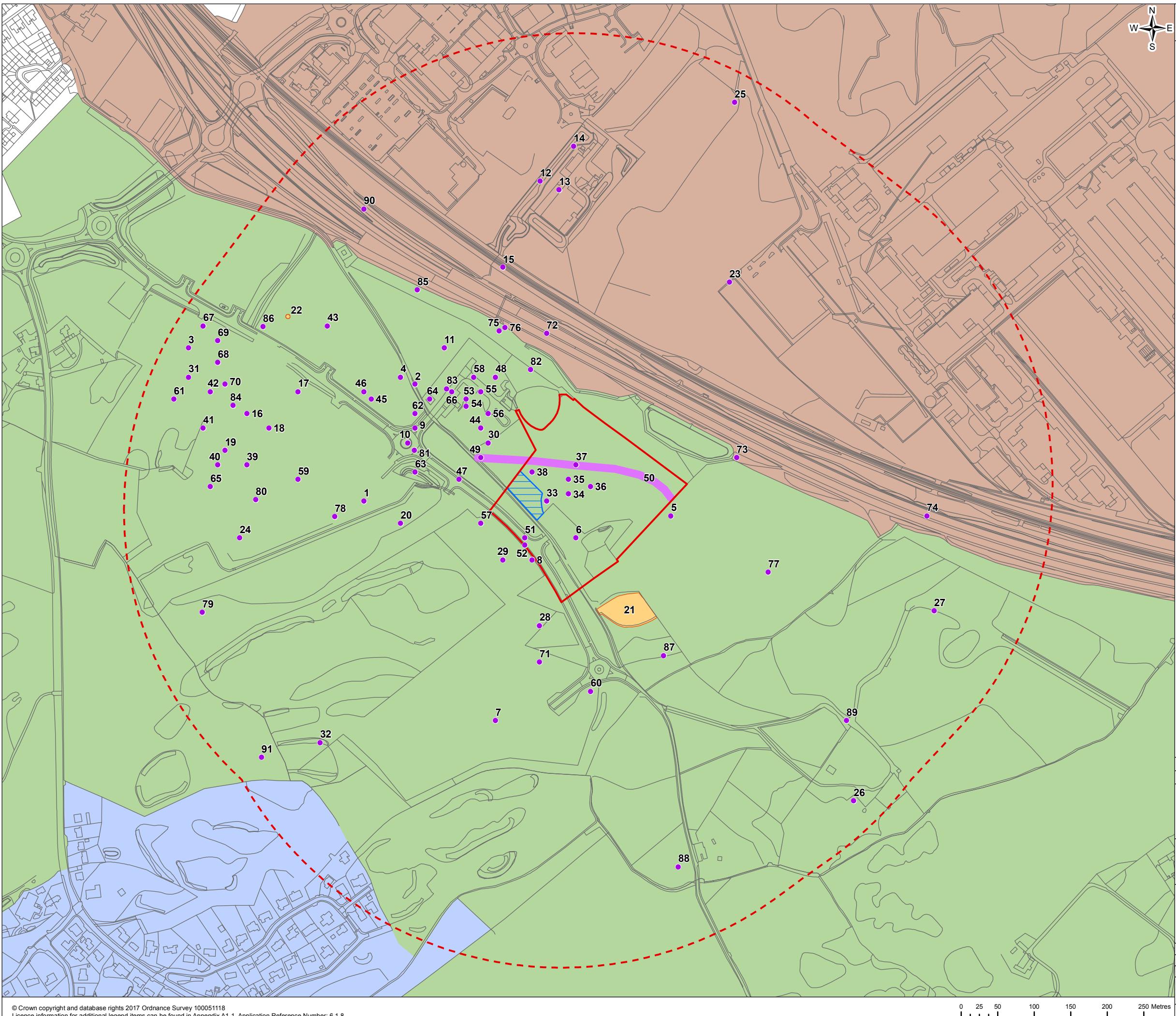
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

FIGURE H10-5



Legend					
Logistics Centre					
2km study area					
Representative viewpoint location					
Photomontage viewpoint					
Note: Representative viewpoints 1 and 2 are also Photomontage viewpoints					
1.0 MAR 18 DCO submission HNPWL HNPWL HNPWL HNPWL Rev. Date Purpose of revision Drawn Check'd Rev'd Appr'd Client Project WYLFA NEWYDD PROJECT ENVIRONMENTAL STATEMENT Drawing Title LOGISTICS CENTRE VIEWPOINT LOCATIONS AND VISUAL RECEPTORS Scale @ A3 1:20,000 DO NOT SCALE Jacobs No. 60PO8077 Client No. Drawing No. 60PO8077_DCO_VOL_H_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 H11-1



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

Project

WYLFA NEWYDD PROJECT
ENVIRONMENTAL STATEMENT

Drawing Title

LOCATION OF HERITAGE ASSETS

Scale @ A3	1:5,000	DO NOT SCALE
Jacobs No.	60PO8077	

Client No.

Drawing No.

60PO8077_DCO_VOL_H_11_01

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