

## APPENDIX 1 - Report Figures

LVIA Figure 1 – Study Area

LVIA Figure 2 – Landform and Terrain

LVIA Figure 3 – Landscape Designations

LVIA Figure 4 – Transport and Recreation

LVIA Figure 5 – Landscape Character Areas

LVIA Figure 6 – Zone of Theoretical Visibility

Brio Design + Architecture drawing – Proposed Site Layout

WSP UK Ltd drawing - Waunfawr Road Access Junction – General Arrangement



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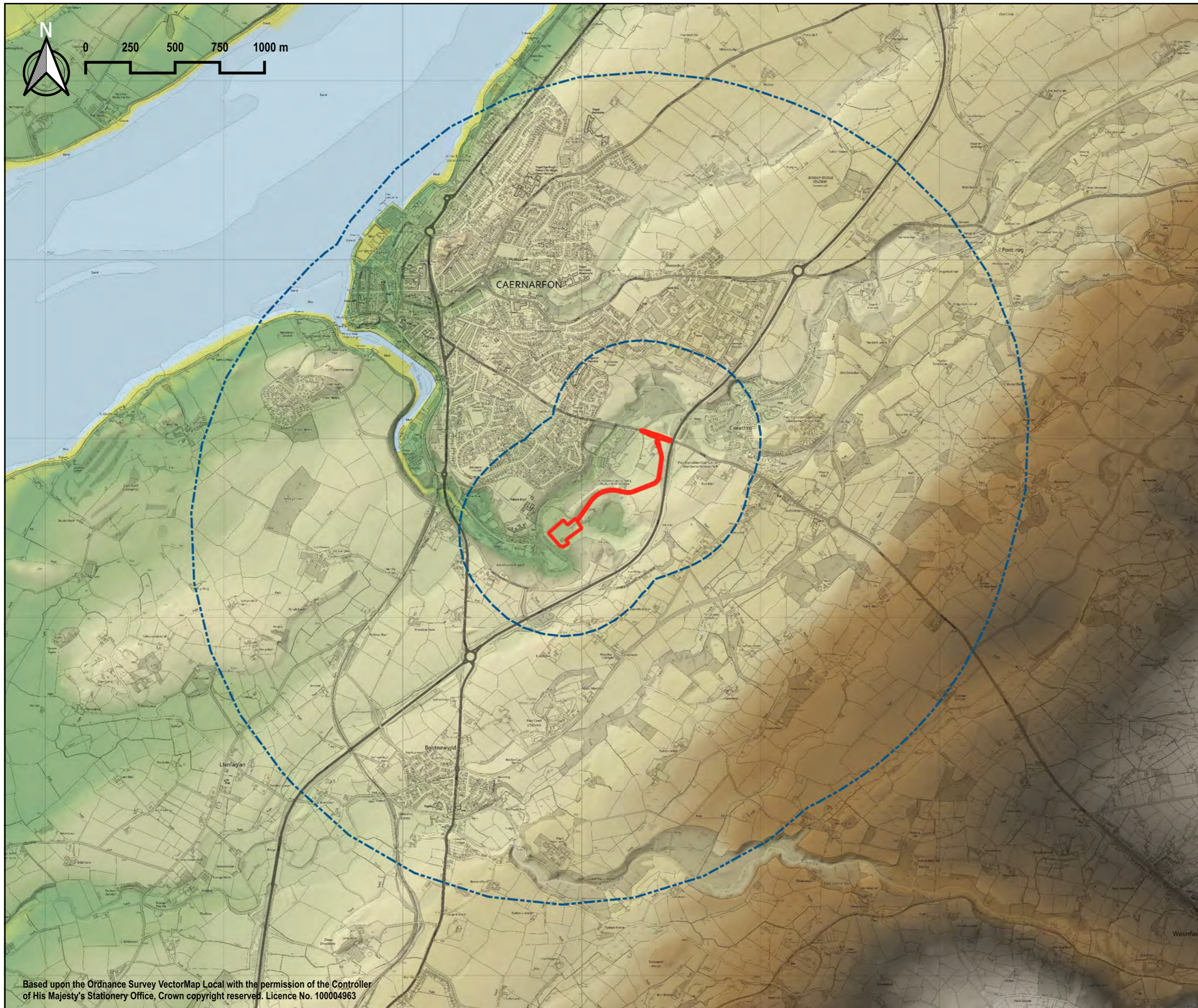
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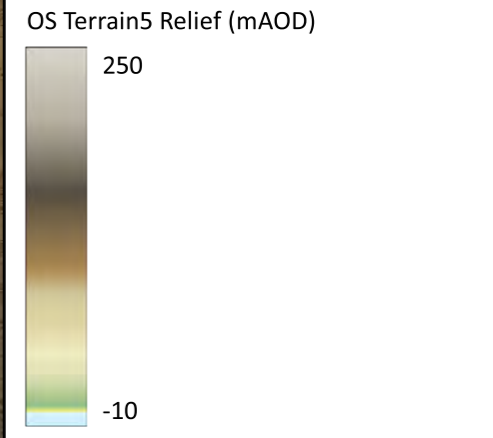


- Eglurhad / Key:
-  Application Boundary
  -  Fixed distance buffer (2 km)
  -  Fixed distance buffer (500 m)

Graddfa / Scale (A3): <b>1:20,000 @ A3</b>	Dyddiad / Date: <b>Aug 2023</b>	Darlunwyd gan: Drawn by: <b>RhE</b>
Rhif lluniad / Drawing number: <b>LVIA Figure 1</b>	Colliwyd gan: Checked by: <b>APCS</b>	Copiwyd: Revision: <b>02</b>

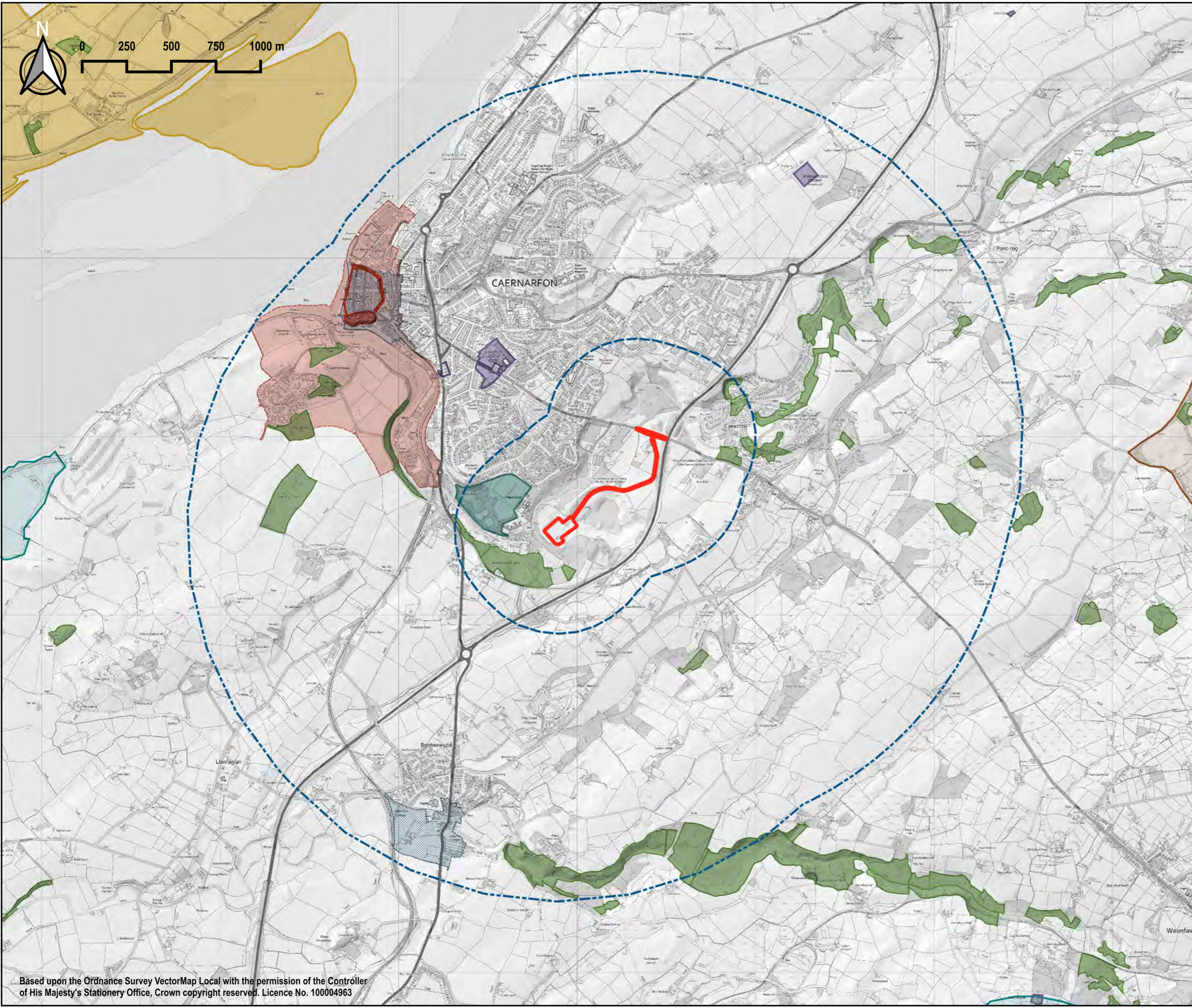














- Eglurhad / Key:
-  Application boundary
  -  Fixed distance buffer (2 km)
  -  Fixed distance buffer (500 m)



Graddfa / Scale (A3): <b>1:20,000 @ A3</b>	Dyddiad / Date: <b>Aug 2023</b>	Darlunwyd gan: Drawn by: <b>RhE</b>
Rhif lluniad / Drawing number: <b>LVIA Figure 2</b>	Chwiliwyd gan: Checked by: <b>APCS</b>	Copyright: Revision: <b>02</b>

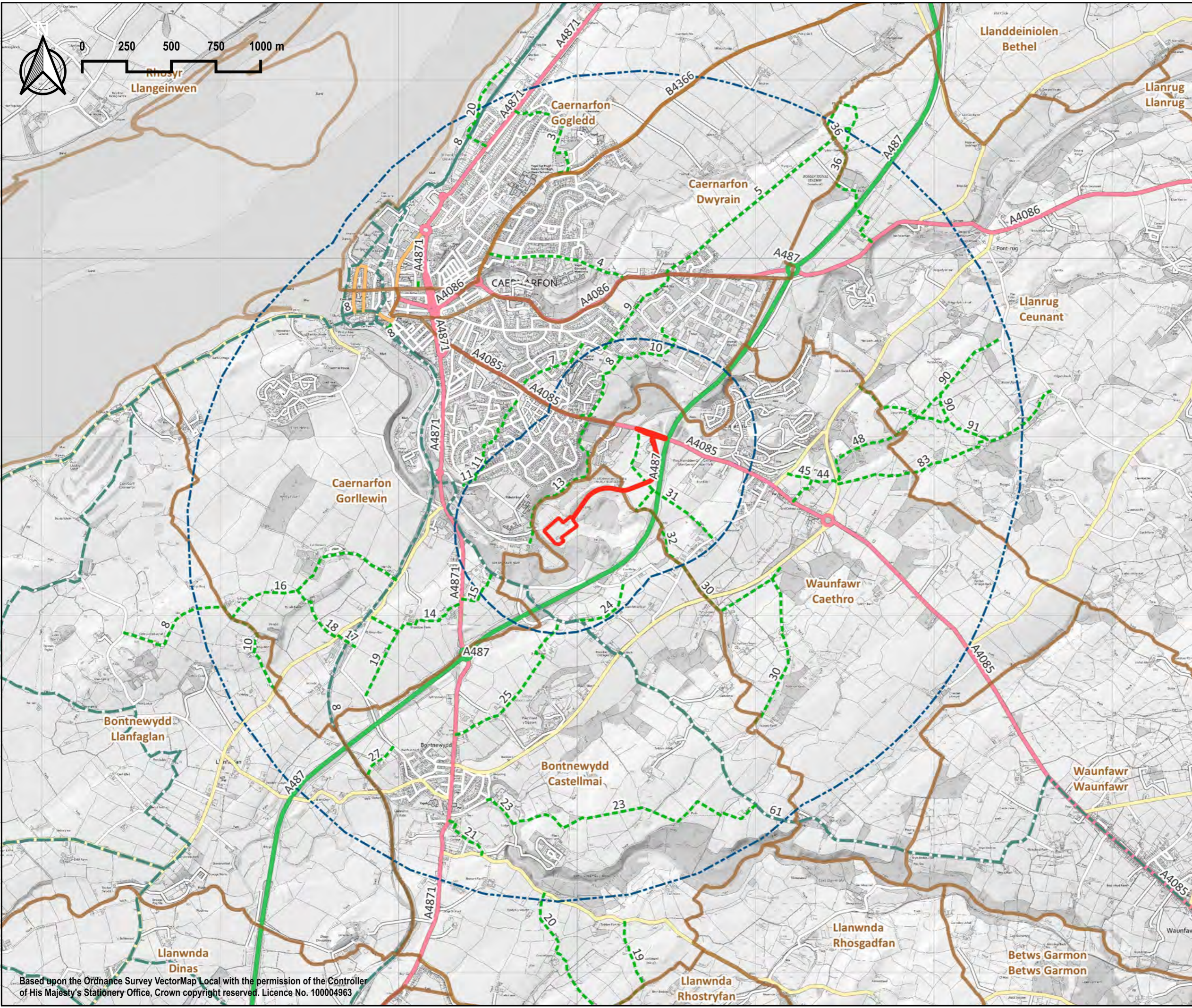
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- Eglurhad / Key:
-  Application boundary
  -  Fixed distance buffer (500 m)
  -  Fixed distance buffer (2 km)
  -  Ancient Woodland
  -  UNESCO World Heritage Site
  -  World Heritage Site Essential Setting
  -  Conservation Area
  -  Area of Outstanding Natural Beauty
  -  Scheduled Ancient Monument
  -  Registered Historic Park and Garden
  -  Special Landscape Area
  -  Registered Landscape of Outstanding and of Special Interest

Graddfa / Scale (A3): <b>1:20,000 @ A3</b>	Dyddiad / Date: <b>Aug 2023</b>	Darlunwyd gan: Drawn by: <b>RhE</b>
Rhif lluniad / Drawing number: <b>LVIA Figure 3</b>	Chwiliwyd gan: Checked by: <b>APCS</b>	Copyright: Revised: <b>02</b>

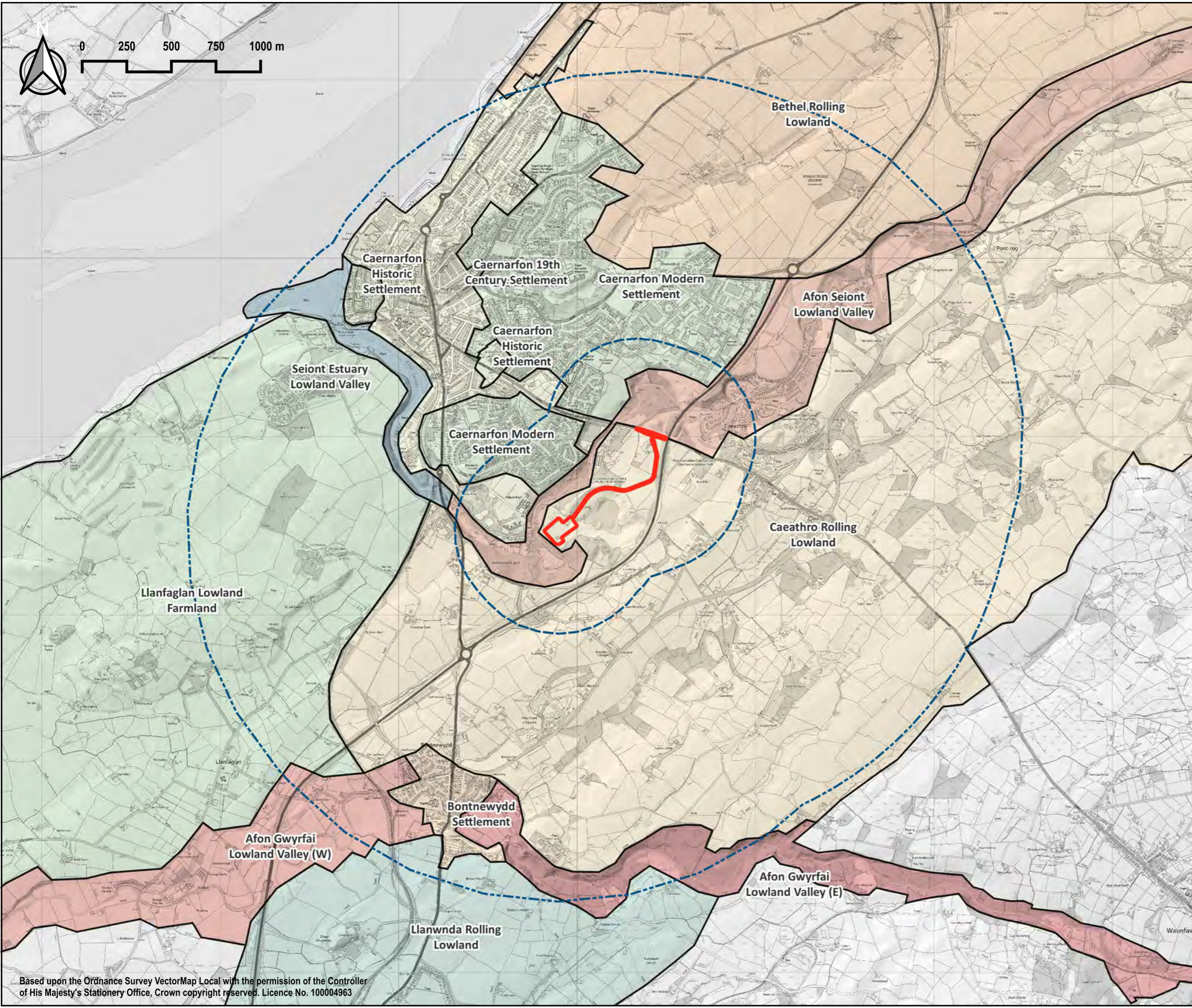
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- Eglurhad / Key:
-  Application boundary
  -  Fixed distance buffer (500 m)
  -  Fixed distance buffer (2 km)
  -  Public Right of Way
  -  Promoted route
  -  National Cycle network
  -  Trunk Road
  -  A Road
  -  B Road
  -  Classified Unnumbered
  -  Unclassified

Graddfa / Scale (A3): 1:20,000 @ A3	Dyddiad / Date: Aug 2023	Darlunwyd gan / Drawn by: RhE
Rhif lluniad / Drawing number: LVIA Figure 4	Chwiliwyd gan / Checked by: APCS	Revisiyn / Revision: 02

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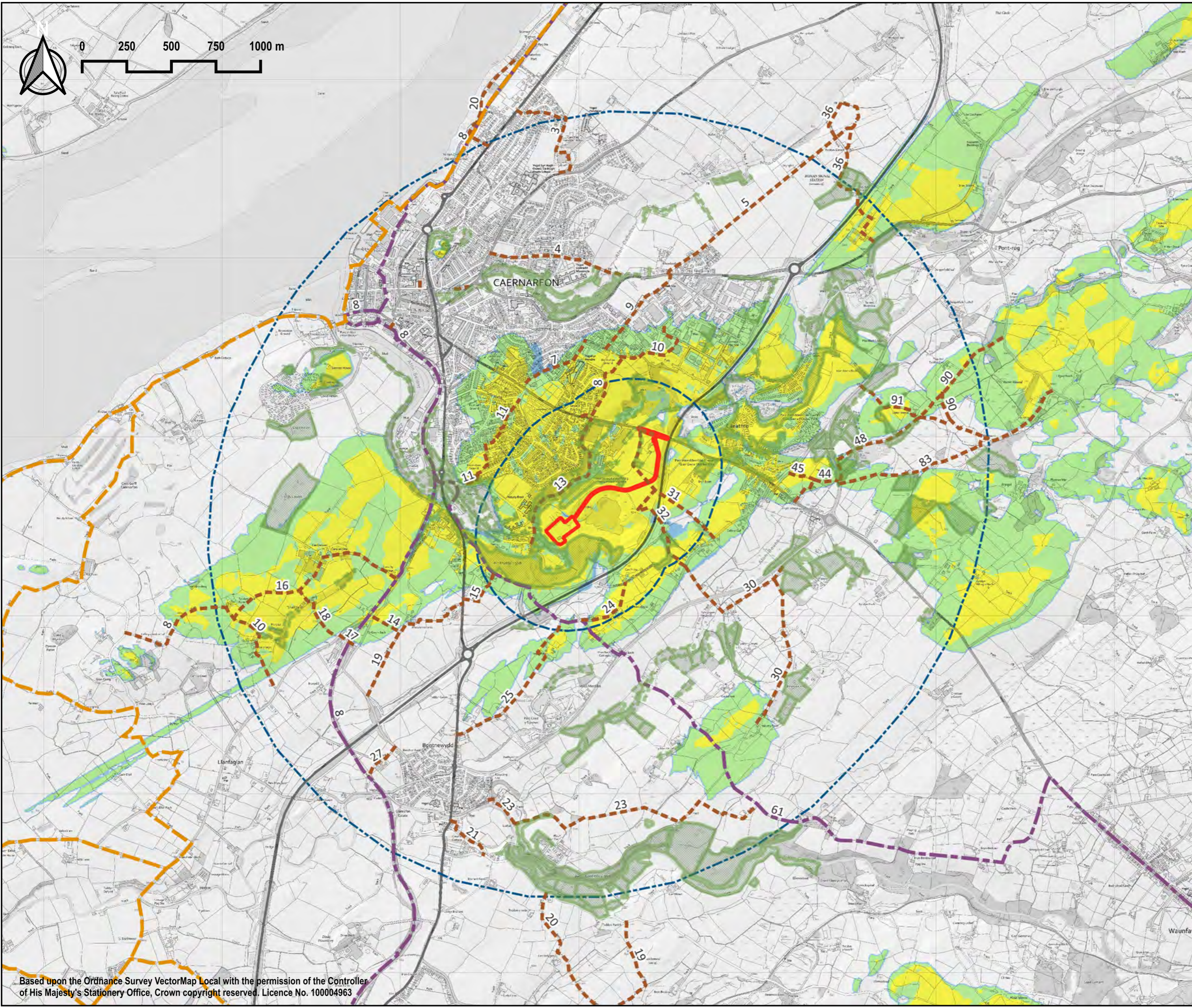













- Eglurhad / Key:
-  Application boundary
  -  Fixed distance buffer (500 m)
  -  Fixed distance buffer (2 km)

- Landscape Character Areas**
-  Afon Gwyrfai Lowland Valley (E)
  -  Afon Gwyrfai Lowland Valley (W)
  -  Afon Seiont Lowland Valley
  -  Bethel Rolling Lowland
  -  Bontnewydd Settlement
  -  Caerthro Rolling Lowland
  -  Caernarfon 19th Century Settlement
  -  Caernarfon Historic Settlement
  -  Caernarfon Modern Settlement
  -  Llanfaglan Lowland Farmland
  -  Llanwnda Rolling Lowland
  -  Seiont Estuary Lowland Valley

Graddfa / Scale (A3): <b>1:20,000 @ A3</b>	Dyddiad / Date: <b>Aug 2023</b>	Darlunwyd gan: RhE
Rhif lluniad / Drawing number: <b>LVIA Figure 5</b>	Chwiliwyd gan: APCS	Chwiliwyd gan: 02

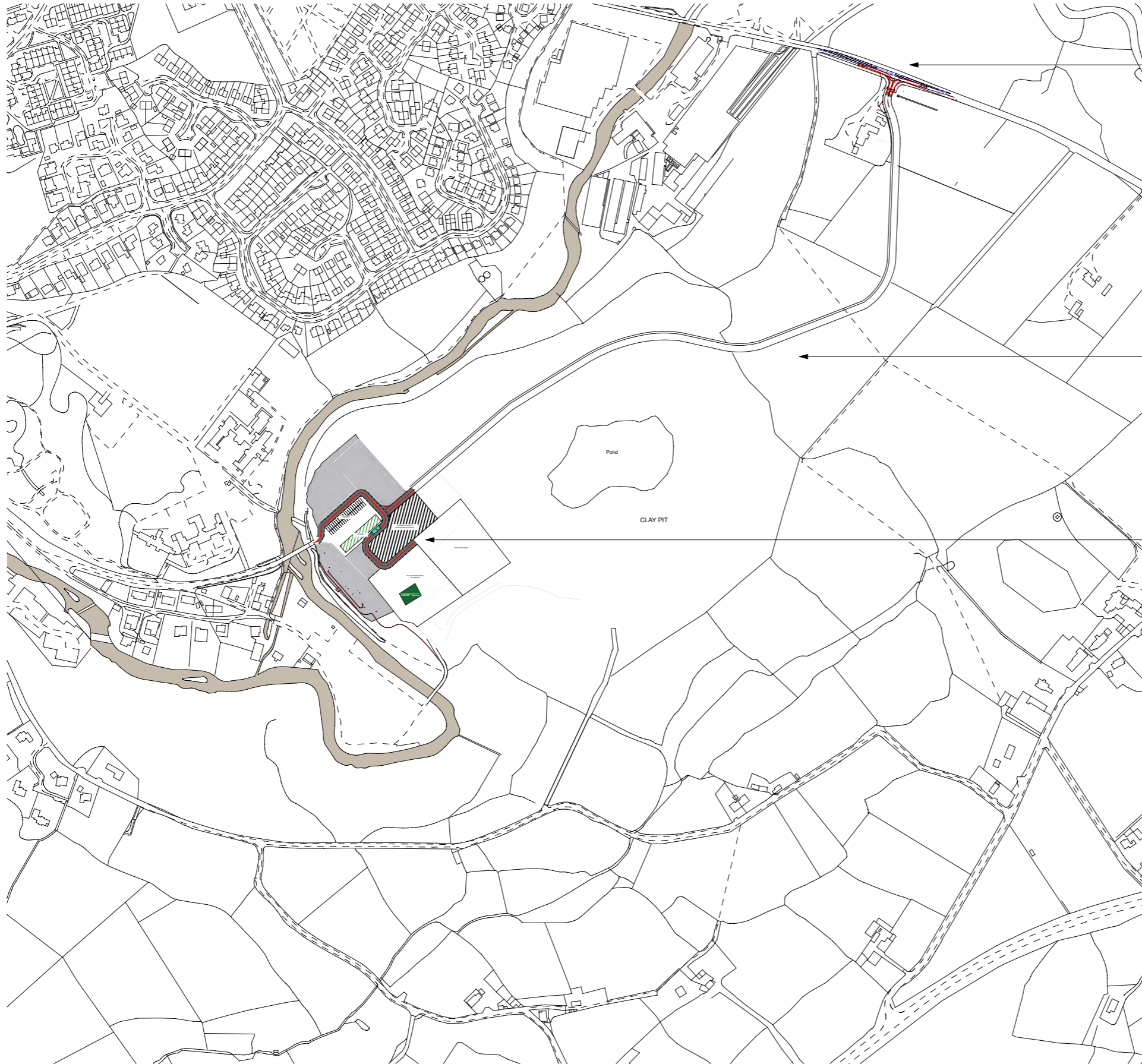
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-  Application boundary
-  Fixed distance buffer (500 m)
-  Fixed distance buffer (2 km)
- ZTV**
-  Theoretical view of development visible
-  Theoretical view of high-sided vehicles available
-  Theoretical view of plant and buildings available
- Significant vegetation**
-  Filter to view
-  Interruption of view
- Cycle routes and public footpaths**
-  Wales Coast Path  
Llyn Coastal Path
-  National Cycle Network
-  Public Right of Way

Graddfa / Scale (A3): <b>1:20,000 @ A3</b>	Dyddiad / Date: <b>Aug 2023</b>	Darlunwyd gan: Drawn by: <b>RhE</b>
Rhif lluniad / Drawing number: <b>LVIA Figure 6</b>	Chwiliwyd gan: Checked by: <b>APCS</b>	Copyright: Revision: <b>02</b>

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Proposed new access-  
please refer to Proposed  
New access drawing/  
details

Access road

Proposed new site  
compound- please refer  
to Proposed New Site  
Compound drawing/  
details

1:2500

Proposed Site Layout

1

**BDA**

**BRIO design + architecture**

The Studio · Ty Larch · Llangedd · Beaumaris · Anglesey  
t: 0746737656 e: phil@brio-design.co.uk w: www.brrio-design.co.uk

**Proposed temporary storage**

**Seiont Quarry  
Caernarfon, Gwynedd**

**Proposed Site Layout**

project	drawing status	date
PN324	Preliminary	15/11/2021
originator	scale @ A1	number
PJ	1:2500	A.02.03

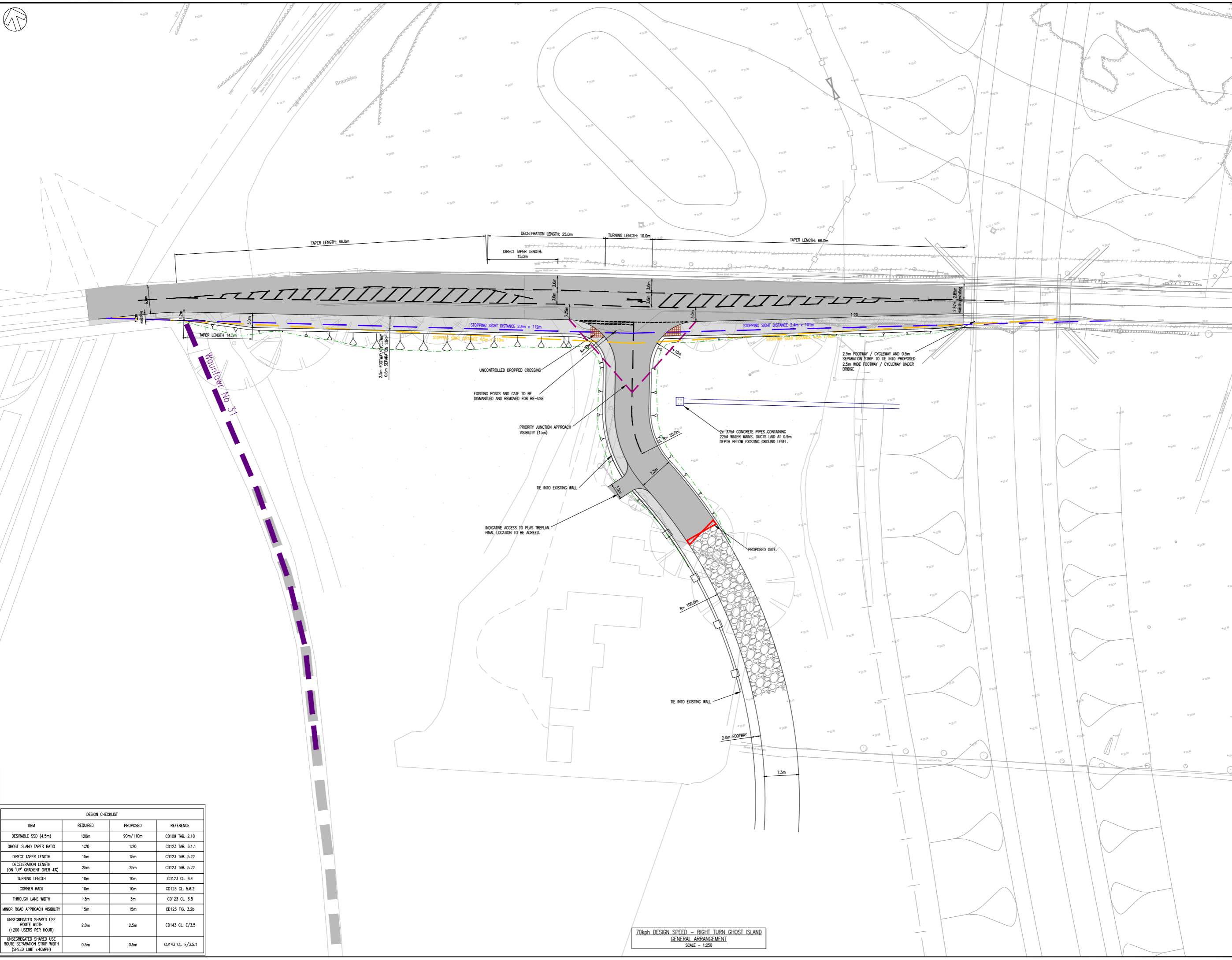
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DO NOT SCALE

- NOTES:
- 1) DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
  - 2) JUNCTION DESIGNED IN ACCORDANCE WITH DMRB CD 109 FOR DESIGN SPEED 70KPH
- KEY:
- EXISTING TOPOGRAPHICAL SURVEY
  - PROPOSED KERBLINE
  - PROPOSED ROAD MARKINGS
  - VISIBILITY SPLAY X=4.5m
  - VISIBILITY SPLAY X=2.4m
  - JUNCTION VISIBILITY X=15m
  - CARRIAGEWAY (BITUMINOUS)
  - CARRIAGEWAY (MOT TYPE 1)
  - SHARED USE ROUTE (BITUMINOUS)



DESIGN CHECKLIST			
ITEM	REQUIRED	PROPOSED	REFERENCE
DESIRABLE SSD (4.5m)	120m	90m/110m	CD109 TAB. 2.10
GHOST ISLAND TAPER RATIO	1:20	1:20	CD123 TAB. 6.1.1
DIRECT TAPER LENGTH	15m	15m	CD123 TAB. 5.22
DECELERATION LENGTH (ON 1% GRADIENT OVER 4%)	25m	25m	CD123 TAB. 5.22
TURNING LENGTH	10m	10m	CD123 CL. 6.4
CORNER RADIUS	10m	10m	CD123 CL. 5.6.2
THROUGH LANE WIDTH	>3m	3m	CD123 CL. 6.8
MINOR ROAD APPROACH VISIBILITY	15m	15m	CD123 FIG. 3.2b
UNSEGREGATED SHARED USE ROUTE WIDTH (<200 USERS PER HOUR)	2.0m	2.5m	CD143 CL. E/3.5
UNSEGREGATED SHARED USE ROUTE SEPARATION STRIP WIDTH (SPEED LIMIT <40MPH)	0.5m	0.5m	CD143 CL. E/3.5.1

70kph DESIGN SPEED - RIGHT TURN GHOST ISLAND  
 GENERAL ARRANGEMENT  
 SCALE - 1:250

REV	DATE	BY	DESCRIPTION	CHK	APP
A	06/01/23	EF	FIRST ISSUE		

DRAWING STATUS: S3 - FOR REVIEW

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 wsp.com

CLIENT: JONES BROTHERS  
 PROJECT: N/A

PROJECT: SEIONT REDEVELOPMENT  
 TITLE: WAUNFAWR ROAD ACCESS JUNCTION  
 GENERAL ARRANGEMENT

SCALE @	AS SHOWN	CHECKED	DATE	APPROVED	REV
PROJECT NO:	70085770	DESIGNED	EBR	CHECKED	EBR
DATE:	January 23				

DRAWING NO: 5770-WSP-XX-SK001  
 SHEET: A  
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