

CARDIGAN TIDAL FLOOD RISK MANAGEMENT SCHEME

Volume 2: Figures



Prepared for:

Natural Resources Wales

Date: March 2026



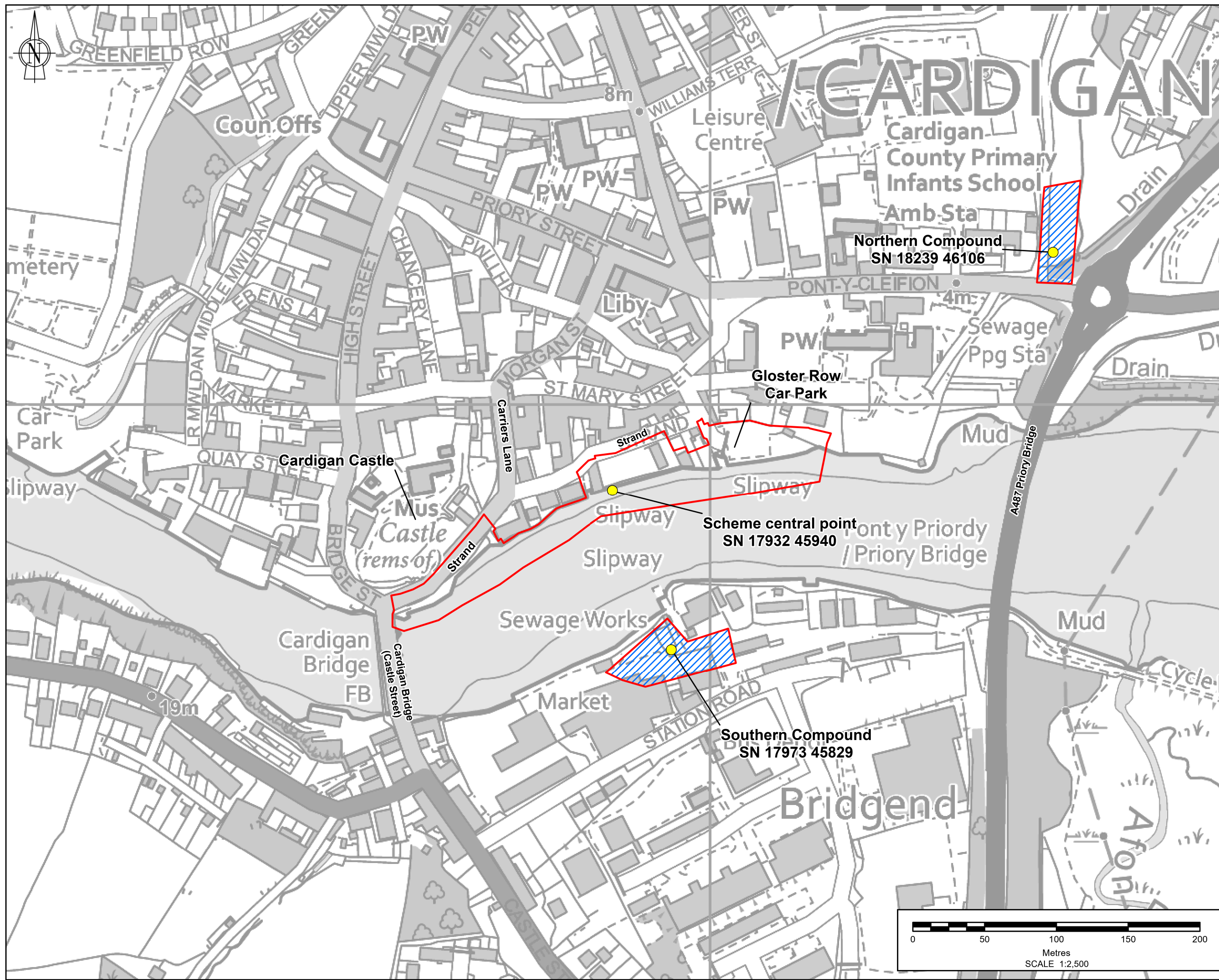
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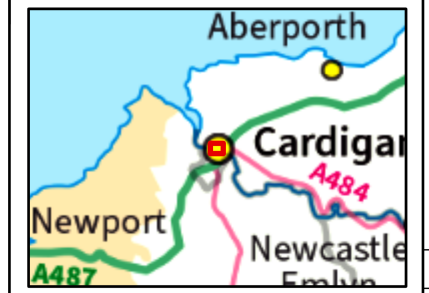
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- Legend**
- SCHEME AREA
 - CONSTRUCTION COMPOUND / LAYDOWN AREAS
 - GRID REFERENCE POINTS



SAFETY HEALTH AND ENVIRONMENT INFORMATION
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Phase	Activity	Residual Risk
CONSTRUCTION		
MAINTENANCE / CLEARING / OPERATION		
DECOMMISSIONING / DEMOLITION		

Rev	Drawn	Chkd	Rvwd	Apprvd	Date	Description
P04	MA	MH	DJ	AH	20/02/2026	FOR INFORMATION
P03	MA	MH	DJ	AH	09/01/2026	FOR INFORMATION
P02	MA	MH	DJ	AH	29/07/2025	FOR INFORMATION
P01	MA	MH	DJ	AH	09/06/2025	FOR INFORMATION

Designed by: MA Date: FEB 2026
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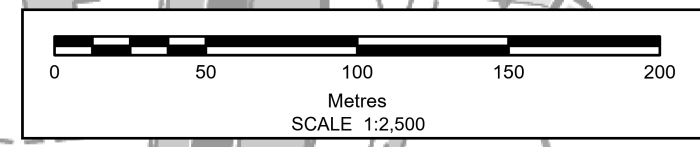
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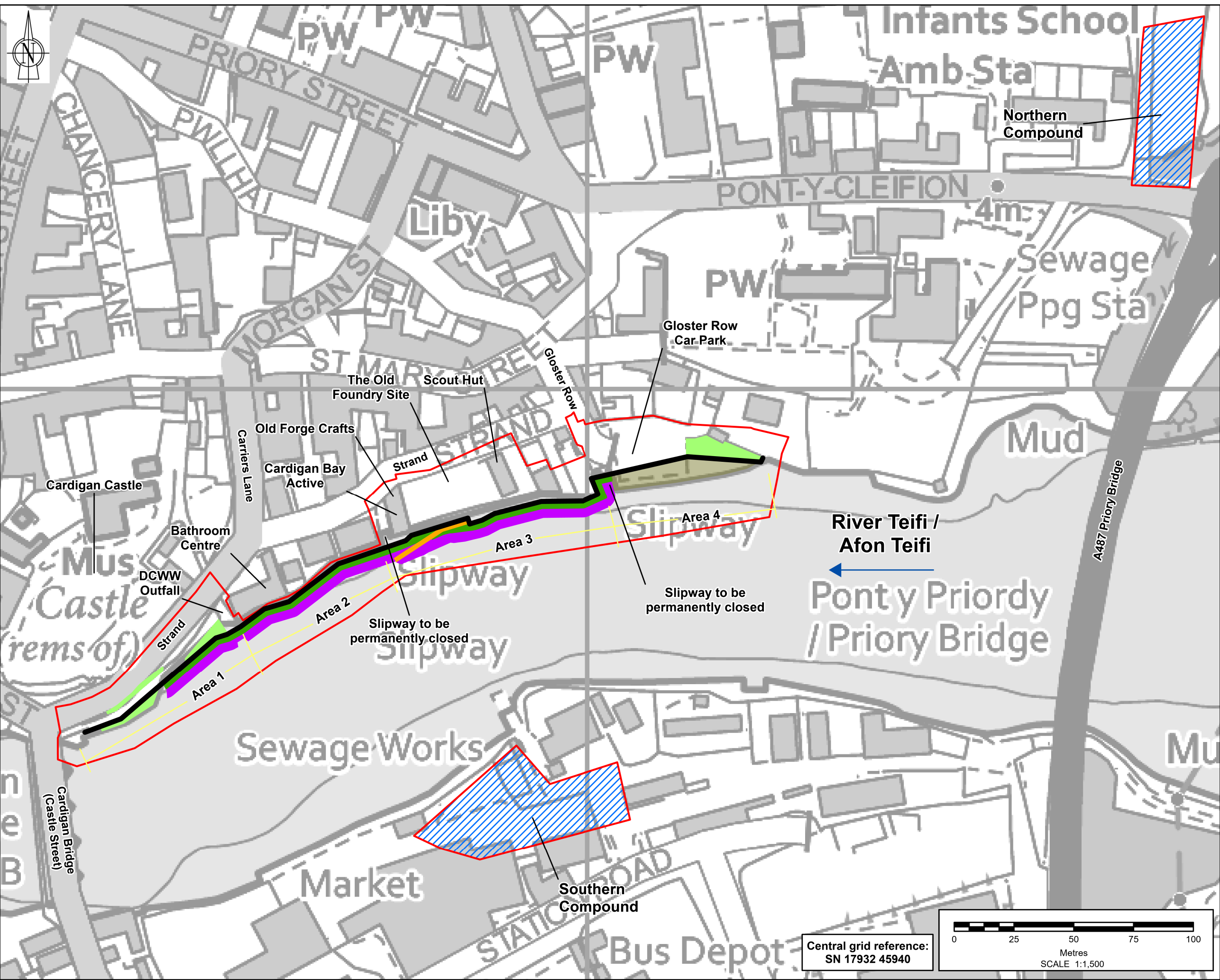
Project:
CARDIGAN TIDAL FLOOD RISK MANAGEMENT SCHEME

Drawing title:
FIGURE 1.1: LOCATION PLAN

Drawing scale: 1:2,500 Sheet size: A3
 Drawing no. 4021883-BUK-ZY-00-DR-EN-00005 Revision: P04

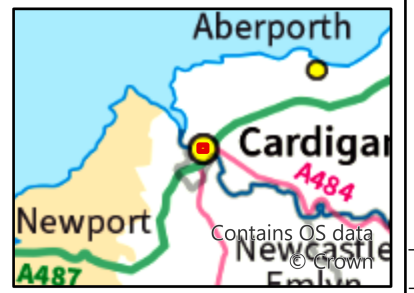


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- Legend**
- SCHEME AREA
 - CONSTRUCTION COMPOUND/ LAYDOWN AREAS
 - FLOOD DEFENCE WALL
 - ENGINEERED RIVERBANK
 - BOAT RAMP
 - SOFT LANDSCAPING
 - NEW INTERTIDAL HABITAT
 - SALT-TOLERANT ESTUARINE VEGETATION
 - AREA EXTENT INDICATORS



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CONSTRUCTION						
MAINTENANCE / CLEARING / OPERATION						
DECOMMISSIONING / DEMOLITION						

Rev	Drawn	Chkd	Rvwd	Apprvd	Date	Description
P04	MA	MH	DJ	AH	27/03/2026	FOR INFORMATION
P03	MA	MH	DJ	AH	02/03/2026	FOR INFORMATION
P02	MA	MH	DJ	AH	09/01/2026	FOR INFORMATION
P01	MA	MH	DJ	AH	05/08/2025	FOR INFORMATION

Designed by: MA Date: MARCH 2026
 Status:

Client:

Client Drawing No. Revision

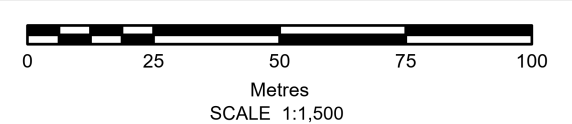
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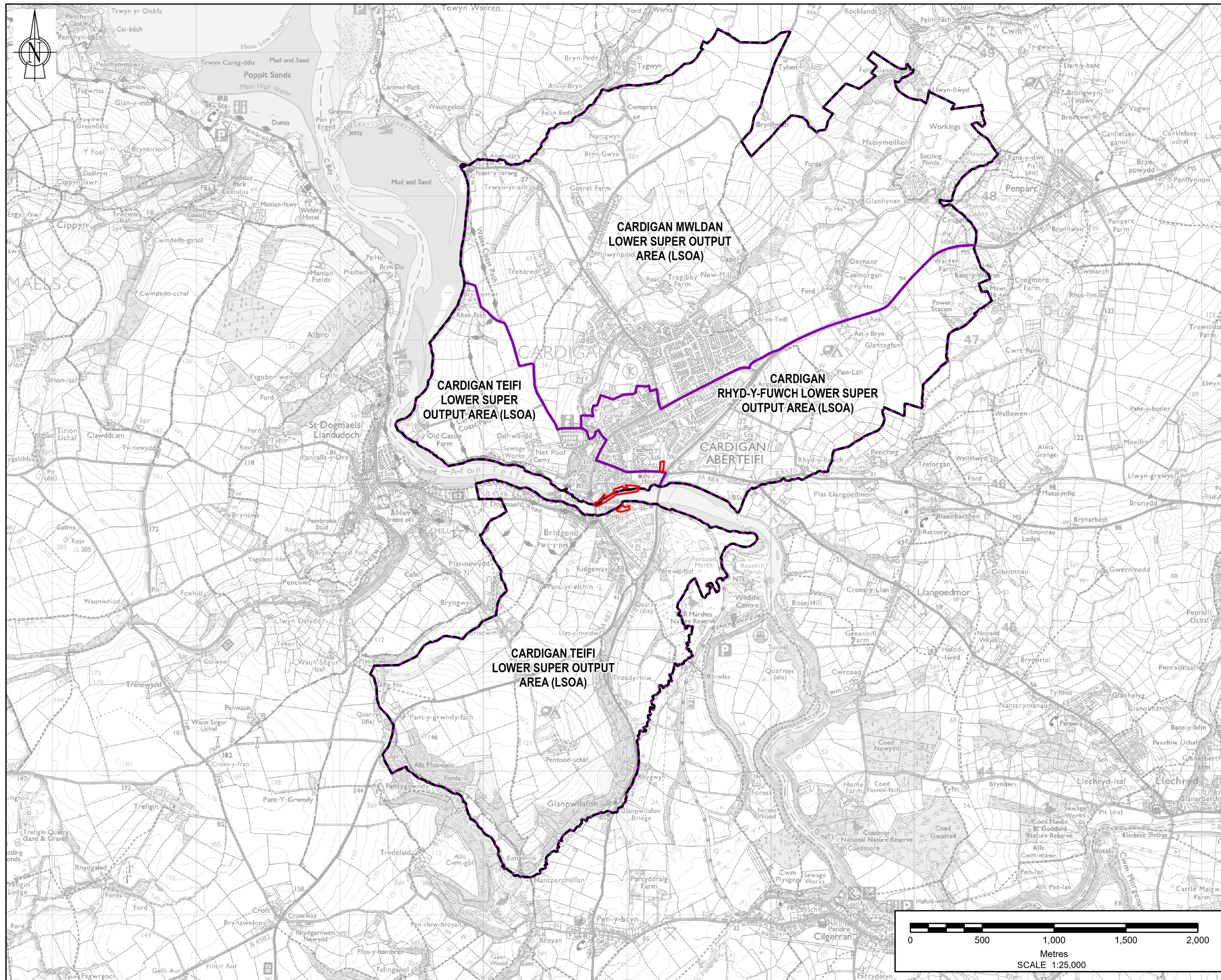
Project: **CARDIGAN TIDAL FLOOD RISK MANAGEMENT SCHEME**

Drawing title: **FIGURE 3.1: LAYOUT PLAN**

Drawing scale: 1:1,500 Sheet size: A3
 Drawing no. 4021883-BUK-ZZ-00-DR-EN-00008 Revision: P04

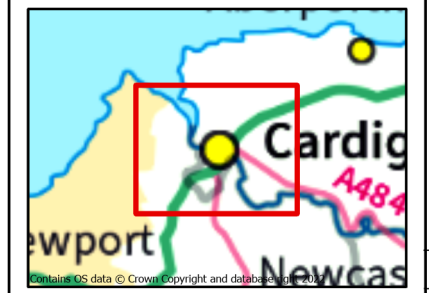
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- Legend**
- SCHEME AREA
 - STUDY AREA
 - LOWER SUPER OUTPUT AREA (LSOA)



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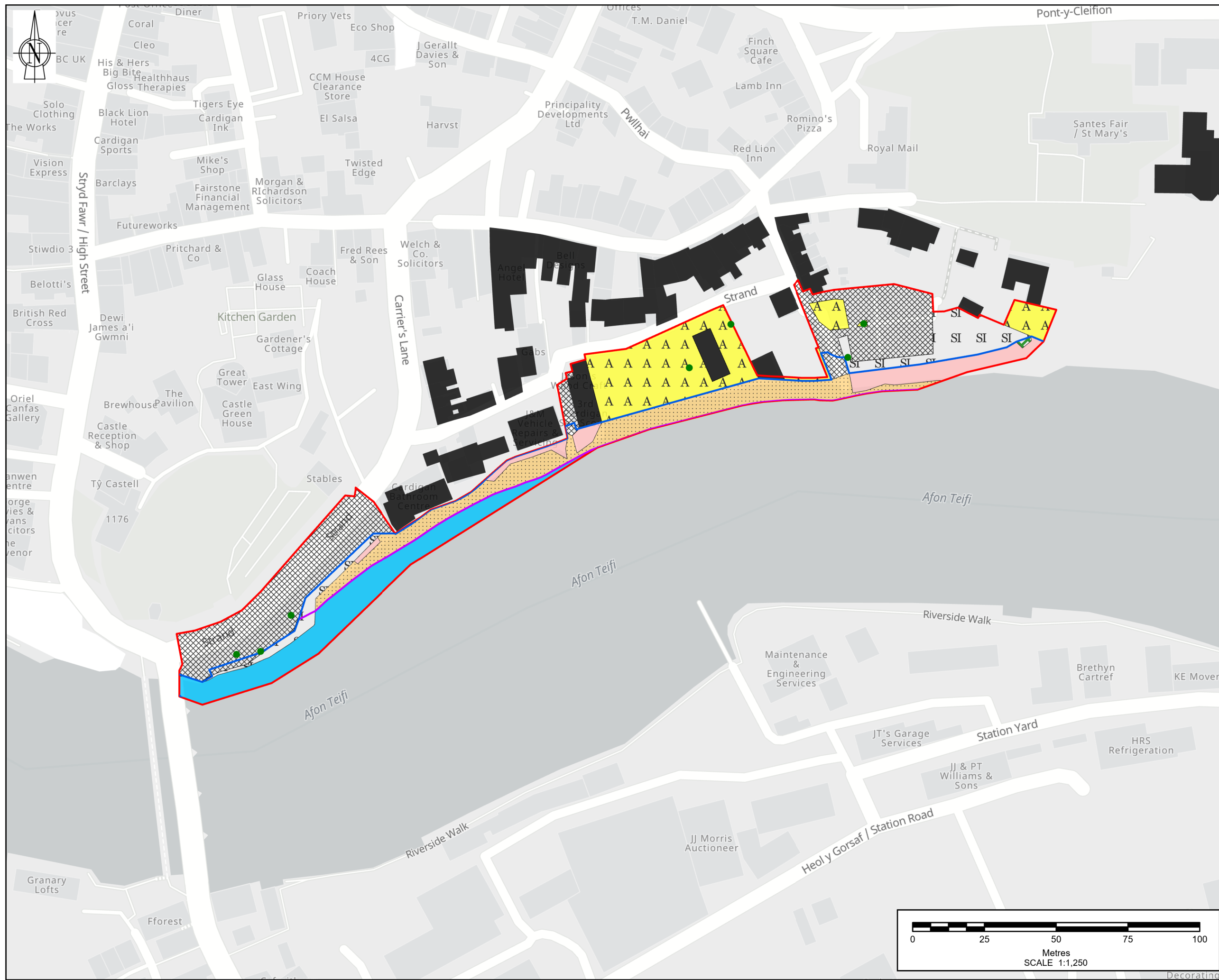
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DECOMMISSIONING / DEMOLITION						
PO1	MA	MH	DJ	AH	22/12/2025	FOR INFORMATION
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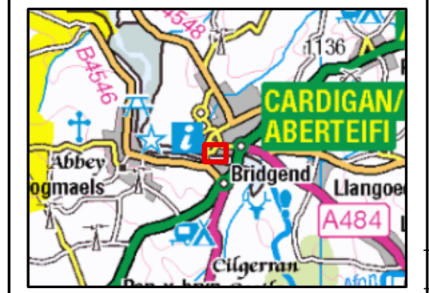
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CARDIGAN TIDAL FLOOD RISK MANAGEMENT SCHEME
 Drawing title:
FIGURE 5.1: POPULATION AND HUMAN HEALTH STUDY AREA
 Drawing scale: 1:25,000 Sheet size: A3
 Drawing no. 4021883-BUK-ZZ-00-DR-EN-00016 Revision P01



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- Legend**
- SCHEME AREA
 - A2.1 SCRUB - DENSE/CONTINUOUS
 - B6 POOR SEMI-IMPROVED GRASSLAND
 - G2 RUNNING WATER
 - H1.1 INTERTIDAL - MUD/SAND
 - H2.6 SALT MARSH - DENSE/CONTINUOUS
 - J1.2 CULTIVATED/DISTURBED LAND - AMENITY GRASSLAND
 - J3.6 BUILDINGS
 - J5 HARDSTANDING
 - A3.1 BROADLEAVED PARKLAND/ SCATTERED TREES
 - MEAN HIGH WATER (SPRINGS)
 - MEAN LOW WATER (SPRINGS)



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Rev	Drawn	Chkd	Rvw'd	Appr'd	Date	Description
P01	MA	MH	JG	AH	20/01/2026	FOR INFORMATION

Designed by: MA Date: JAN 2026

Status:

Client: Cyfoeth Naturiol Cymru Natural Resources Wales

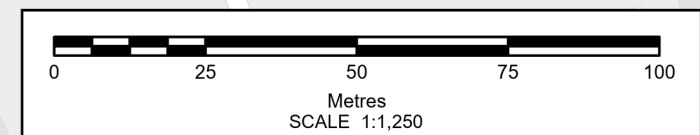
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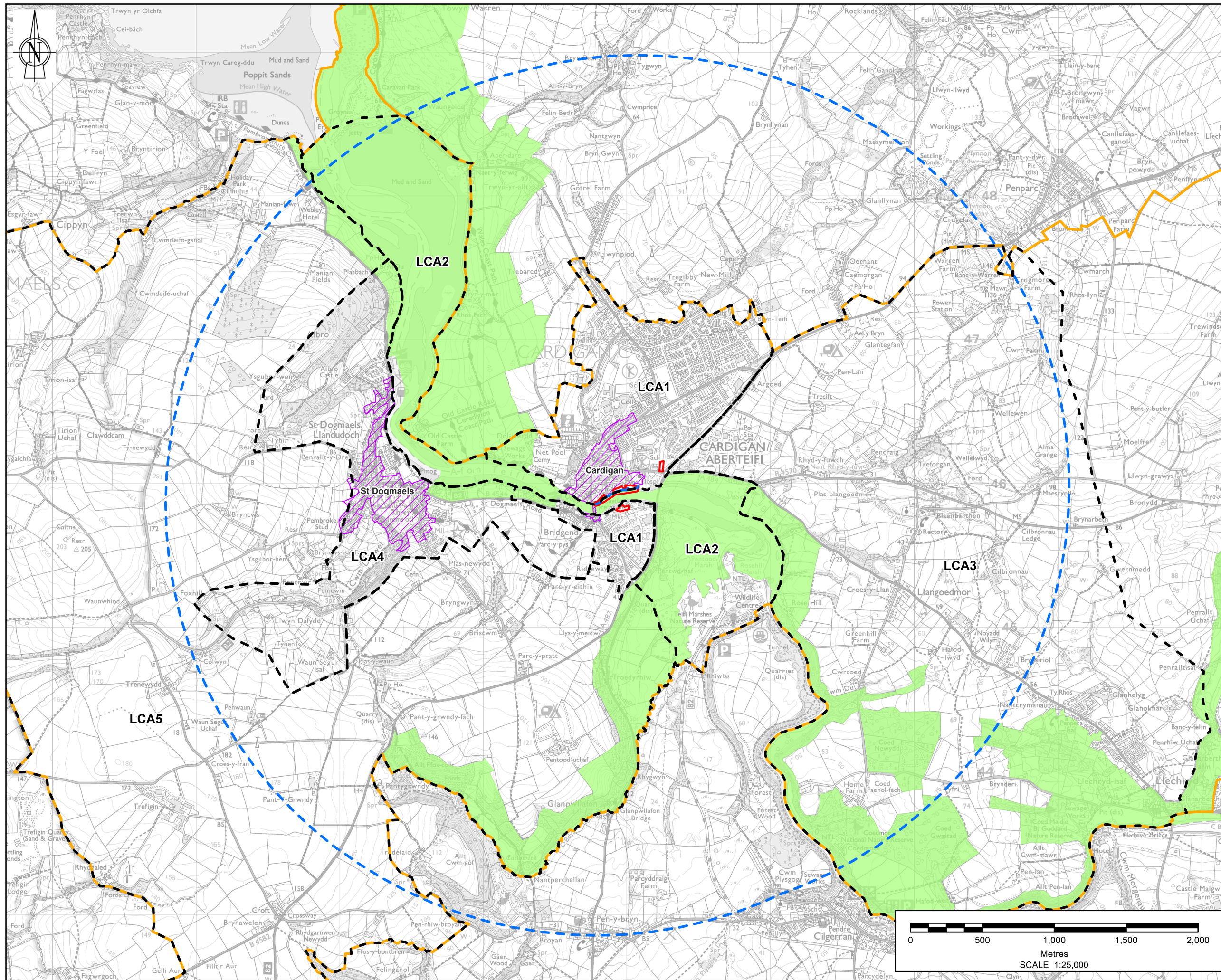
Project: **CARDIGAN TIDAL FLOOD RISK MANAGEMENT SCHEME**

Drawing title: **FIGURE 6.1: PHASE 1 HABITAT SURVEY**

Drawing scale: 1:1,250 Sheet size: A3
Drawing no. 4021883-BUK-ZZ-00-DR-EN-00018 Revision P01



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- LEGEND**
- SCHEME AREA
 - STUDY AREA
 - 3KM SEARCH AREA
 - PROJECT-DEFINED LANDSCAPE CHARACTER AREAS (LCA)
 - CONSERVATION AREAS
 - SPECIAL LANDSCAPE AREA 7: TEIFI VALLEY
 - PROPOSED FLOOD DEFENCE WALL



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PO2	MA	HR	MB	AH	Date	Description
					26/03/2026	FOR INFORMATION
					02/12/2025	FOR INFORMATION

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	MA				MARCH 2026	

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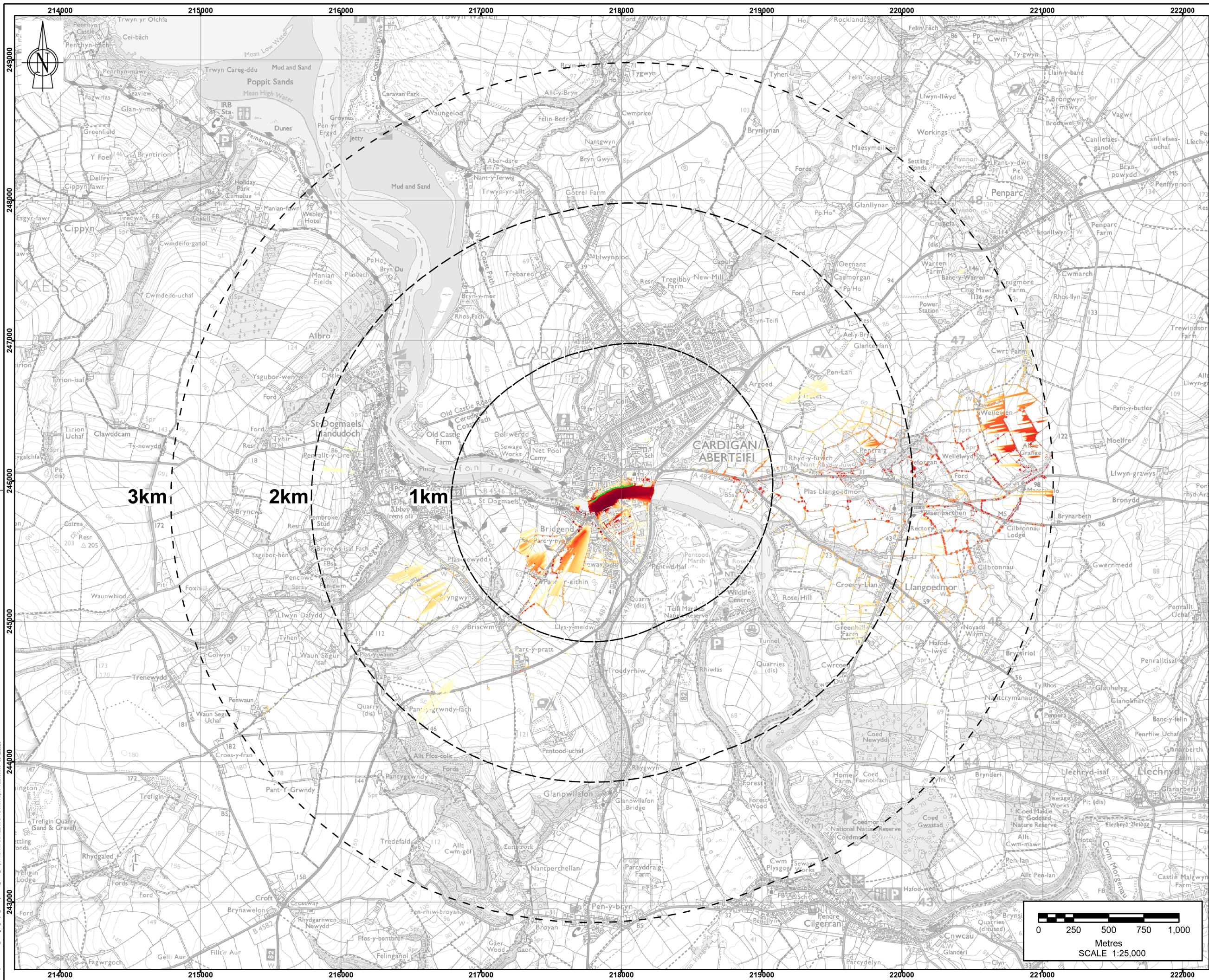
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Project: **CARDIGAN TIDAL FLOOD RISK MANAGEMENT SCHEME**

FIGURE 8.1: LANDSCAPE CHARACTER

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Legend

- FLOOD DEFENCE WALL
- FLOOD DEFENCE WALL DISTANCE MARKERS

ZONE OF THEORETICAL VISIBILITY OF FLOOD DEFENCE WALL

- 100% VISIBILITY OF FLOOD DEFENCE WALL
- 1% VISIBILITY OF FLOOD DEFENCE WALL

Note: Any colour present means that part of the site is visible from that location. The darker the shade the more of the site is visible from the location.

The ZTV was mapped by application of Viewshed software on 1m resolution Digital Surface Model dataset, a Lidar dataset that includes location and heights of buildings and vegetation as well as landform. The height of the development for the purposes of generating the ZTV was set at 4.95m AOD. The observer eye height was set at 1.7m.



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DECOMMISSIONING / DEMOLITION	

Rev	Drawn	Chkd	Rwd	Apprd	Date	Description
P02	MA	TD	HR	AH	03/12/2025	FOR INFORMATION
P01	MA	TD	HR	AH	20/1/2025	FOR INFORMATION

Designed by: MA Date: DEC 25

Status: _____

Client

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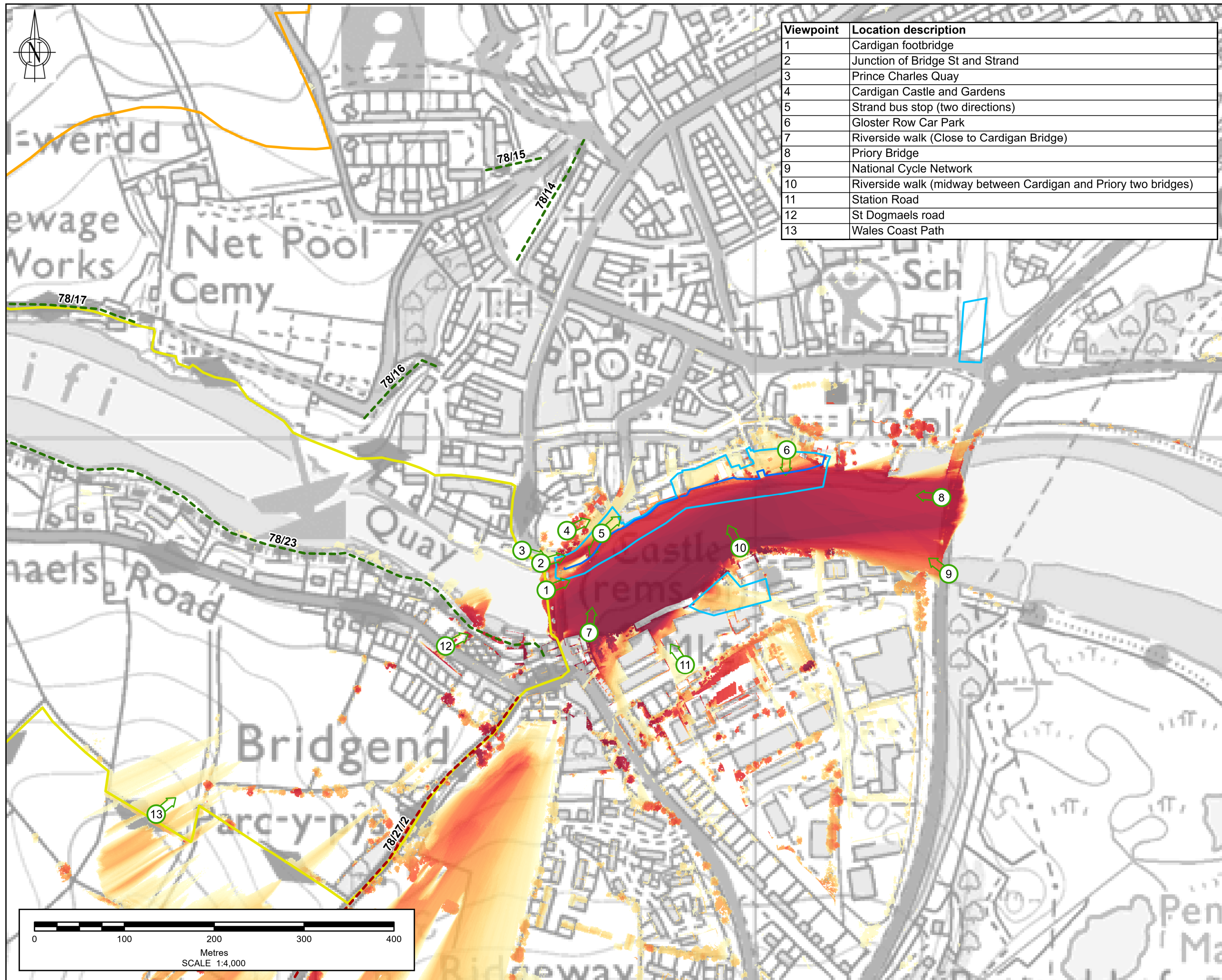
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Drawing title: **FIGURE 8.2: ZONE OF THEORETICAL VISIBILITY**

Drawing scale: 1:25,000 Sheet size: A3
Drawing no. 4021883-BUK-ZZ-00-DR-L-00003 Revision P02

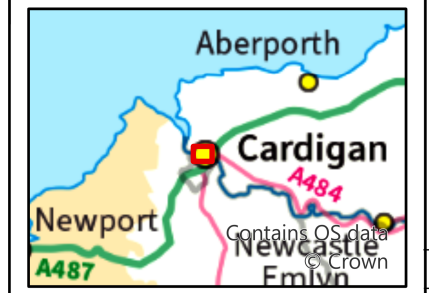
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Viewpoint	Location description
1	Cardigan footbridge
2	Junction of Bridge St and Strand
3	Prince Charles Quay
4	Cardigan Castle and Gardens
5	Strand bus stop (two directions)
6	Gloster Row Car Park
7	Riverside walk (Close to Cardigan Bridge)
8	Priory Bridge
9	National Cycle Network
10	Riverside walk (midway between Cardigan and Priory two bridges)
11	Station Road
12	St Dogmaels road
13	Wales Coast Path

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- LEGEND**
- SCHEME AREA
 - STUDY AREA
 - 3KM SEARCH AREA
 - PROPOSED FLOOD DEFENCE WALL
 - ↔ L VIA VIEWPOINTS
- ZONE OF THEORETICAL VISIBILITY OF FLOOD DEFENCE WALL**
- 100% VISIBILITY OF FLOOD DEFENCE WALL
 - 1% VISIBILITY OF FLOOD DEFENCE WALL
 - WALES COAST PATH
- PUBLIC RIGHTS OF WAY**
- BRIDLEWAY
 - FOOTPATH



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Rev	Drawn	Chkd	Rvw'd	Apprv'd	Date	
P02	MA	HG	MB	AH	16/03/2026	FOR INFORMATION
P01	MA	TD	MB	AH	10/12/2025	FOR INFORMATION

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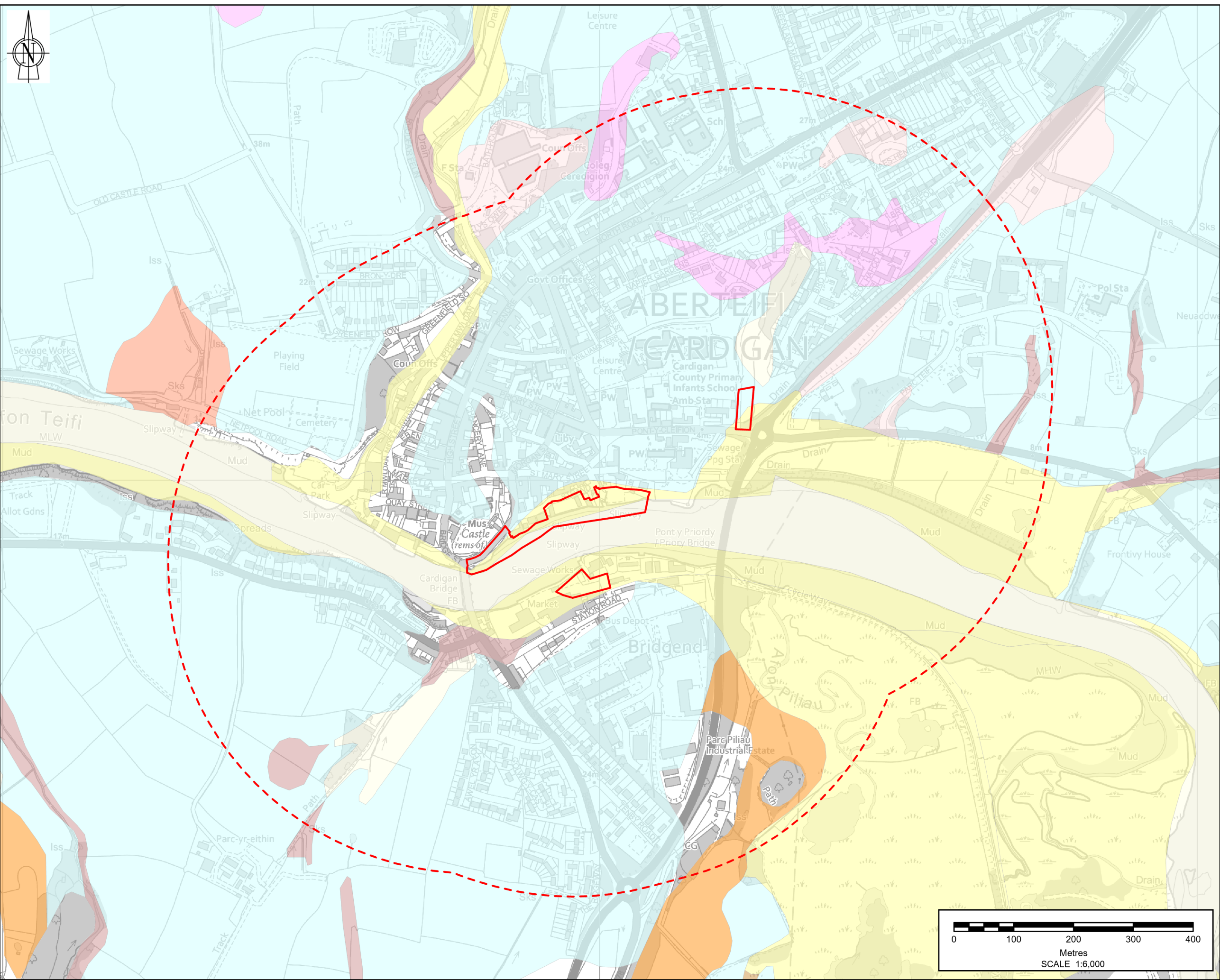
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Drawing title: **FIGURE 8.3: L VIA VIEWPOINTS SHEET 1 OF 2**

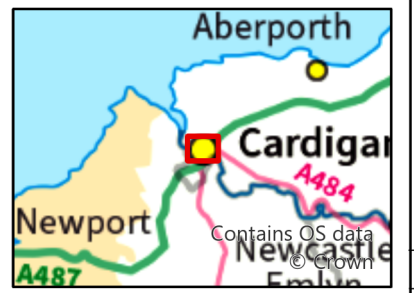
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- Legend**
- SCHEME AREA
 - SCHEME AREA 500M BUFFER
- SUPERFICIAL GEOLOGY**
- ALLUVIAL FAN DEPOSITS
 - GLACIOFLUVIAL DEPOSITS, DEVENSIAN (IRISH SEA ICE)
 - GLACIOLACUSTRINE DEPOSITS, DEVENSIAN (IRISH SEA ICE)
 - HEAD
 - HEAD AND TALUS (UNDIFFERENTIATED)
 - SUPERFICIAL DEPOSITS
 - TIDAL RIVER OR CREEK DEPOSITS
 - TILL, DEVENSIAN (IRISH SEA ICE)



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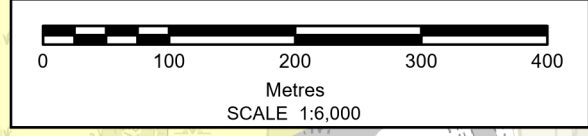
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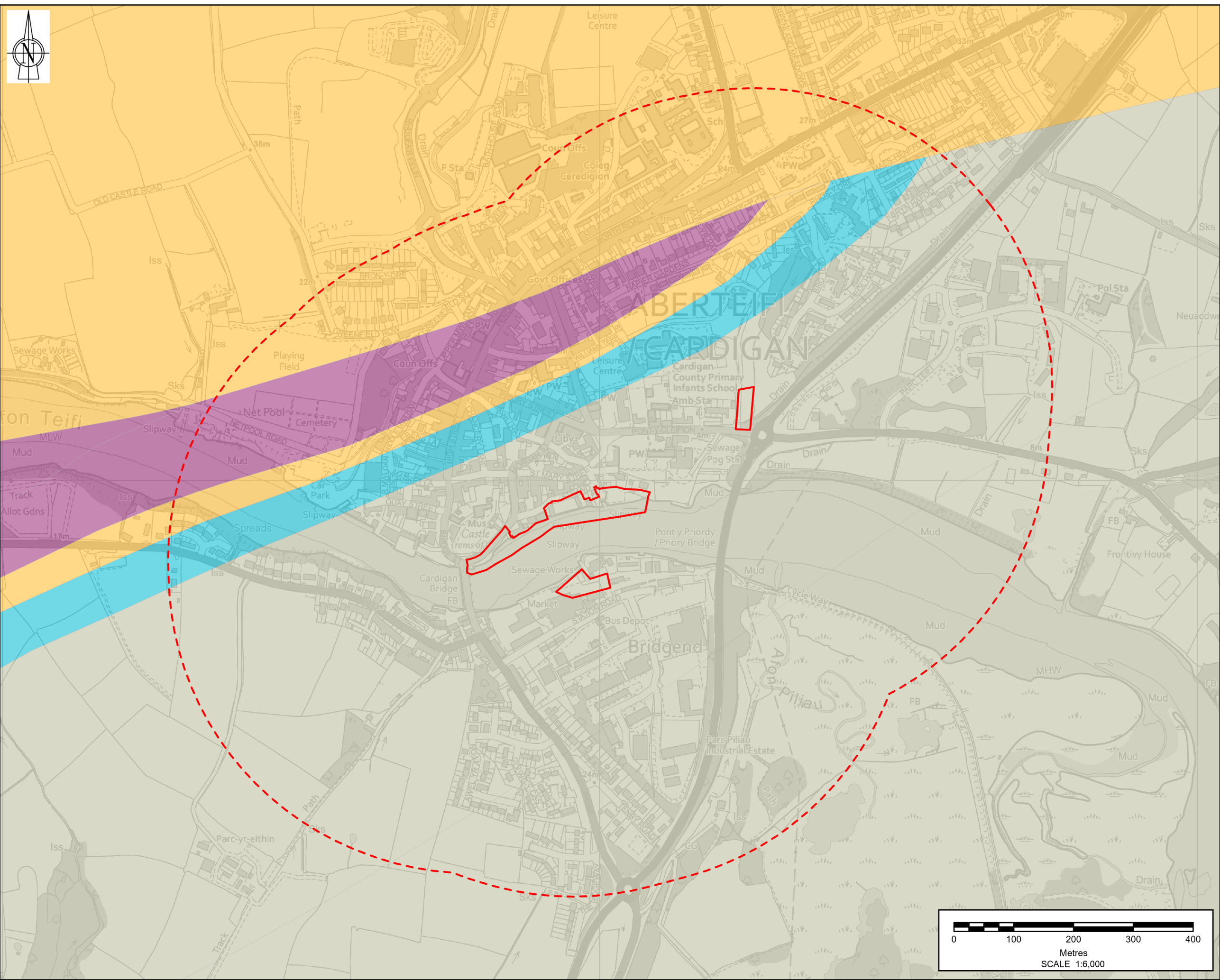
Project: **CARDIGAN TIDAL FLOOD RISK MANAGEMENT SCHEME**

Drawing title: **FIGURE 11.1: SUPERFICIAL GEOLOGY**

Drawing scale: 1:6,000 Sheet size: A3
 Drawing no. 4021883-BUK-ZZ-00-DR-EN-00009 Revision P01

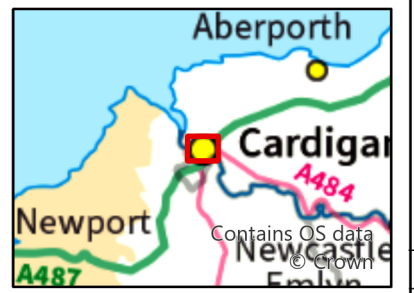


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- Legend**
- SCHEME AREA
 - SCHEME AREA 500M BUFFER
- BEDROCK GEOLOGY**
- CWM DEGWEL MUDSTONE MEMBER
 - DINAS ISLAND FORMATION
 - NANTMEL MUDSTONES FORMATION
 - NET POOL MUDSTONE



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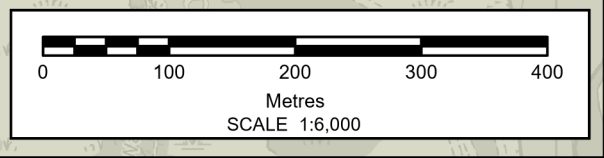
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Project
CARDIGAN TIDAL FLOOD RISK MANAGEMENT SCHEME

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FIGURE 11.2: BEDROCK GEOLOGY

Drawing scale: 1:6,000 Sheet size: A3
 Drawing no. 4021883-BUK-ZZ-00-DR-EN-00010 Revision P01



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