

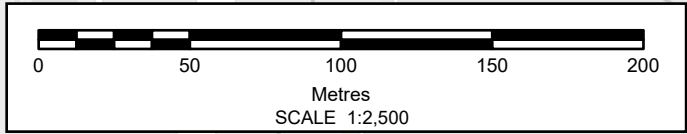
APPENDICES

Appendix A Drawings

Drawing Title	Drawing Number
Location plan	4021883-BUK-ZZ-00-DR-EN-00007
Phase 1 Habitat Survey Plan (2024)	4021883-BUK-ZZ-00-DR-EN-00002
Bat PRA Roost Assessment	4021883-BUK-ZZ-00-DR-EN-00001
Proposals	123666-BUK-ZZ-00-DR-C-00021 to 00023, 00026, 00028, 00039 and 00032



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Legend
 SCHEME AREA



SAFETY HEALTH AND ENVIRONMENT INFORMATION
IN ADDITION TO THE HAZARDS OR RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, THE FOLLOWING SIGNIFICANT RESIDUAL RISKS SHOULD BE NOTED. FURTHER DETAILS ARE INCLUDED IN THE CDM DESIGN RISK MANAGEMENT REGISTER

CONSTRUCTION

MAINTENANCE / CLEARING / OPERATION

DECOMMISSIONING / DEMOLITION

P01	MA	JG	ES	AH	09/06/2025	FOR INFORMATION
Rev	Drawn	Chkd	Rvwd	Apprvd	Date	Description

Designed by: MA Date: JUNE 2025
Status:

Client

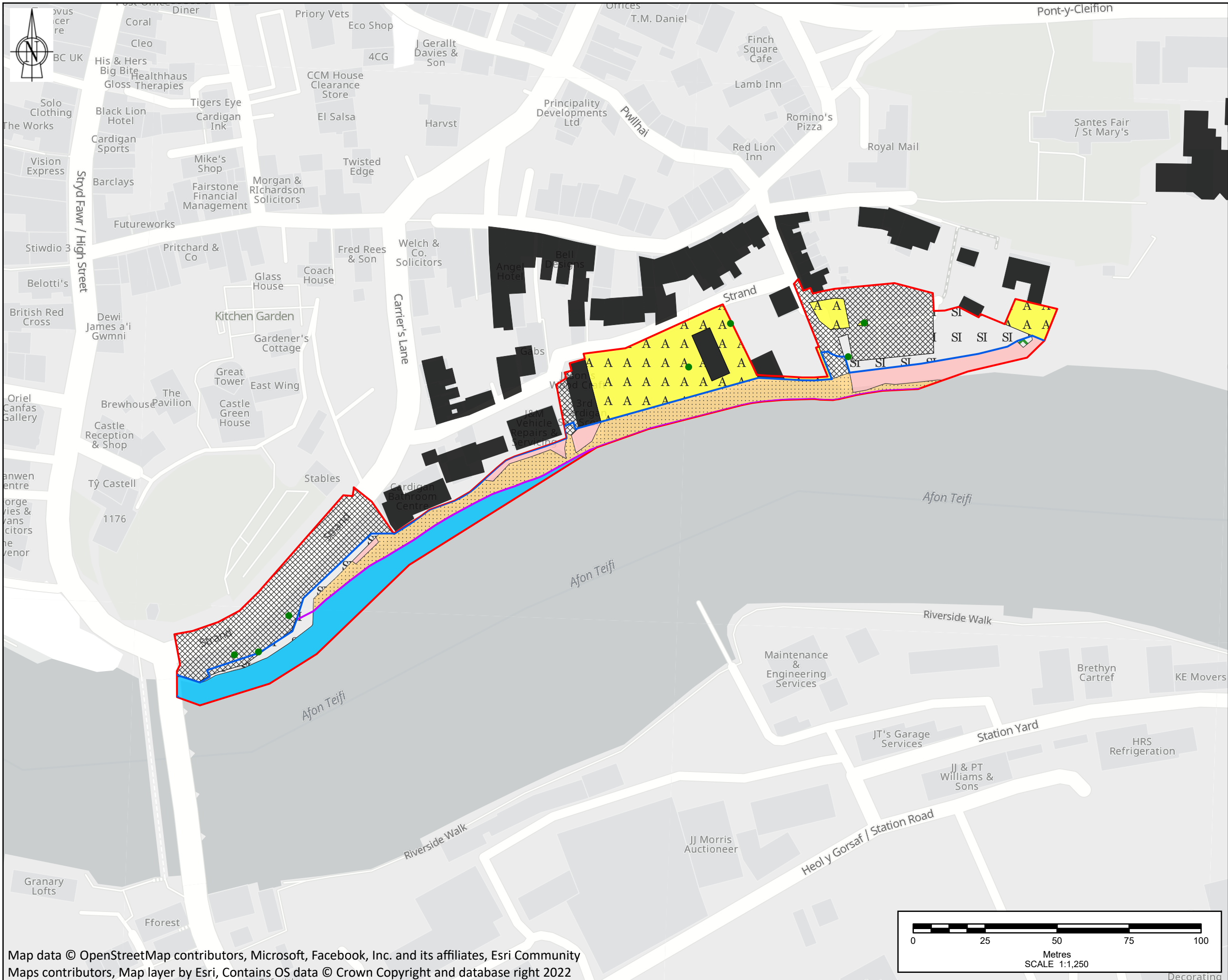
Client Drawing No. Revision

Binnies UK Limited
Registered Office
Spring Lodge, 172 Chester Road, Holywell, Cheshire, WA6 6AR UK
Tel: +44(0)1737 774155

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

Drawing title:
**PEA SITE
LOCATION PLAN**

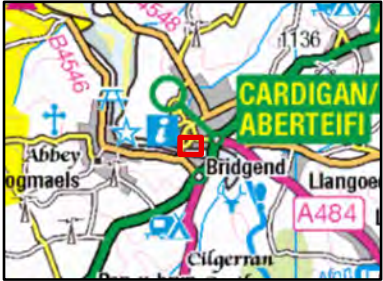
Drawing scale: 1:2,500 Sheet size: A3
Drawing no. 4021883-BUK-ZZ-00-DR-EN-00007 Revision: P01



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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 SALTMARSH - 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)



SAFETY HEALTH AND ENVIRONMENT INFORMATION
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CONSTRUCTION						
MAINTENANCE / CLEARING / OPERATION						
DECOMMISSIONING / DEMOLITION						

P02	MA	JG	ES	AH	09/06/2025	FOR INFORMATION
P01	MA	EN	ES	AH	14/02/2025	FOR INFORMATION
Rev	Drawn	Chkd	Rvwd	Apprvd	Date	Description

Designed by: MA Date: JUNE 2025
Status:



Client Drawing No. Revision



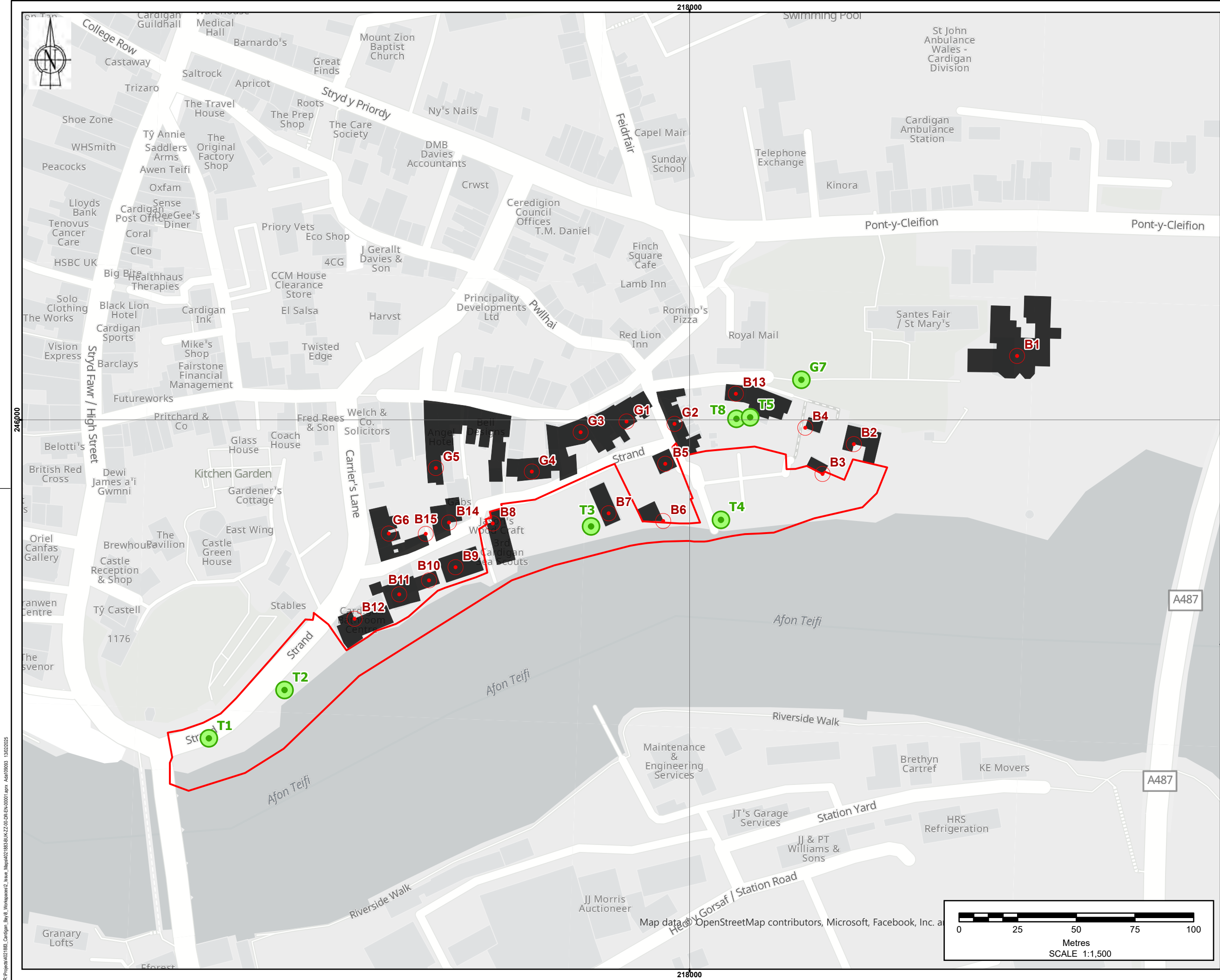
Project:
CARDIGAN TIDAL FLOOD RISK MANAGEMENT SCHEME

Drawing title:

PHASE 1 HABITAT SURVEY

Drawing scale: 1:1,250 Sheet size: A3

Drawing no. 4021883-BUK-ZZ-00-DR-EN-00002 Revision P01



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Legend

- SCHEME AREA
- BUILDINGS
- TREE/TREE GROUP
- BUILDING REFERENCE

SAFETY HEALTH AND ENVIRONMENT INFORMATION

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Rev	Drawn	Chkd	Rvwd	Apprvd	Date	Description
P01	MA	EN	ES	AH	14/02/2025	FOR INFORMATION

Designed by: MA Date: FEB 2025

Status:

Client

Client Drawing No. Revision

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Project:
CARDIGAN TIDAL FLOOD RISK MANAGEMENT SCHEME

Drawing title:
BAT PRA ROOST ASSESSMENT

Drawing scale: 1:1,500 Sheet size: A3

Drawing no. 4021883-BUK-ZZ-00-DR-EN-00001 Revision: P01

R:\Projects\4021883_Cardigan_Bay\Workspaces\2_Issue_Maps\4021883-BUK-ZZ-00-DR-EN-00001.aprx Adat 19/03/2025



Option 2 would also see a flood defence wall built on the north bank of the Afon Teifi between Cardigan Bridge and Gloster Row carpark. The wall is shown on the map using a bold blue line.

Starting from Cardigan Bridge, the wall would be built alongside the pavement until it reached the bathroom centre following the existing highway wall. From there, the wall would go out into the river channel to go around the bathroom centre and warehouses. The small area between the new wall and the bathroom centre would be raised to adjacent ground levels but would not be accessible to the public. This area is shown with a green shaded area on the map.

The wall would then cut back onto land in the vicinity of the slipway by Gloster Row carpark and continue around the river edge of the carpark to tie into higher ground beyond.

Sections of the wall that are publicly accessible could use reinforced glass to allow people to see through. The overall design and appearance of the defence would fit in with the look and feel of the recent riverside development, including the castle and Cambrian Quay.

To ensure the wall provides an adequate level of flood protection, it would be approximately 1.1m tall near Cardigan Bridge, 1.6m tall behind the bathroom centre, 2m tall by the Old Foundry and 1.5m tall by Gloster Row Carpark due to varying existing ground levels.

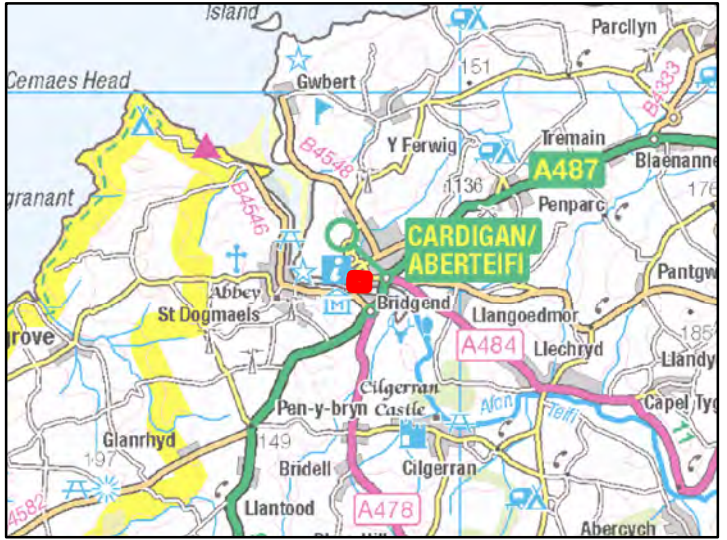
The two slipways may be relocated slightly to accommodate the new flood walls and would be protected by flood gates at their tops.

The outer side of the defence wall could be used to support local wildlife by installing vertical concrete rockpools along the length of the defence. Floating rafts could be put in place beyond the defence in the river which would also support local wildlife.

Note: The limits, including the height and depths of the Works, shown in this drawing are not to be taken as limiting the obligations of the contractor under Contract.

LEGEND

- INDICATIVE LINE OF DEFENCE, SUBJECT TO DETAILED SURVEYS
- RIVER ACCESS VIA SLIPWAY
- RECLAIMED LAND – POTENTIAL FOR IMPROVEMENTS



P01	AT	ME	CJ	ET	01/11/2022	FOR INFORMATION
REV	DRAWN	CHKD	REV'D	APPROV'D	DATE	DESCRIPTION

DESIGNED BY: AT DATE: NOV 2022

CLIENT



Client Drawing No. Revision



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Project:
NRW NGF CARDIGAN TIDAL FRMS

Drawing title:
PROPOSED FLOOD DEFENCE
ALIGNMENT
OPTION 2

Drawing scale: 1:500 Sheet size: A1
Drawing no. 123666-BUK-ZZ-00-DR-EN-00021 Revision P01