



SITE PLAN
1:200

LOCATION PLAN
1:2500

A1

- Notes / Notes
- All dimensions are in metres unless noted otherwise.
 - All levels are in metres relative to Ordnance Datum Newlyn (mADN) unless noted otherwise.
 - All coordinates are in metres relative to Ordnance Survey national grid.
 - Do not scale from this drawing; all dimensions must be checked / verified on site.

Legend

- Blue Line Boundary (land owned directly by Cynor Gwynedd)
- Red Line Boundary (site boundary)

Land within Red Line Boundary but outside the Blue Line Boundary is controlled and maintained by Cynor Gwynedd either as the Harbour Authority or Highway Authority, such that no works are proposed on third party land.

Reference Drawings

- 285699-APP-XX-DR-GEN-100 - Existing Site Layout
- 285699-APP-XX-DR-GEN-110 - Existing Wall Sections
- 285699-APP-XX-DR-GEN-120 - Existing Wall Elevations
- 285699-APP-XX-DR-GEN-180 - Proposed Site Layout
- 285699-APP-XX-DR-GEN-180 - Proposed Wall Sections
- 285699-APP-XX-DR-GEN-170 - Proposed Wall Elevations

Site Location

Site Grid Reference - E261583 N315548



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

- Construction**
- Exposed cable
 - Collapsed along frontage 1
 - Tidal environment
 - Network rail asset
 - Existing medium pressure gas main
- Maintenance / Cleaning / Operation**

Decommissioning / Demolition

Risk is the category risk register for Lethal Agents. It is considered that the work on this drawing is not covered by a complete Contractor who has carried out a comprehensive risk assessment. Site work will be in close, see CDM Rev Register for Lethal Agents.

Revisions / Revision History

Rev	Date	By	Chd	Appd
PM4	22.08.23	CF	JJB	BM
FOR PLANNING				
PD3	25.08.23	CF	JJB	BM
DRAFT FOR COMMENT				
PD2	31.05.23	CF	JJB	BM
WORK IN PROGRESS				
PD1	07.03.23	CF	JJB	BM
WORK IN PROGRESS				

ARUP

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www.arup.com

Client: C-182



Rev: a RHW; Project: Cynor; Site: YC; Overall Client: Project Name and Number

Cynllun arfordirol Gerddi Traphont

Viaduct Gardens Coastal Scheme



Adran Cynllunio 09-10-2023

TITLE: Drawing Title

Location Plan and Existing Site Layout

Grade: in A1 / Scale: in A1

AS SHOWN @ A1

River: Site

Civil Engineer:

Author: / Date:

Review and comment:

RW / Project Area / Area Project Number:

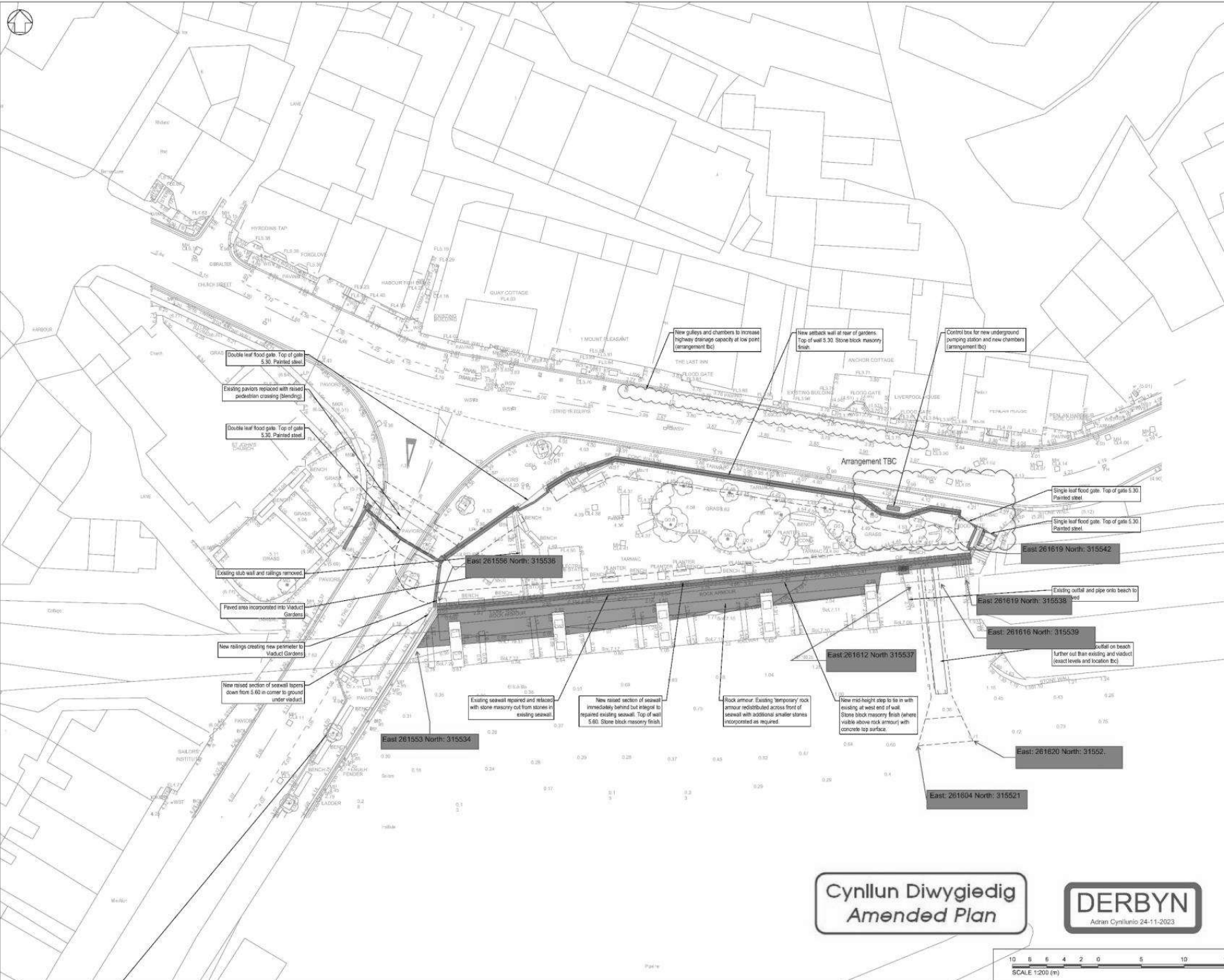
285699-00

RHW / User / Drawing Number:

285699-APP-XX-DR-GEN-100



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A1

Notes:

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Legend

Land Ownership Boundary
 Planning Application Boundary

Reference Drawings

- 285699-ARP-XX-DR-GEN-100
- 285699-ARP-XX-DR-GEN-110
- 285699-ARP-XX-DR-GEN-120
- 285699-ARP-XX-DR-GEN-130
- 285699-ARP-XX-DR-GEN-170

Hines Fenwick Hutton History

PO2	31.05.23	CF	JB	BM
WORK IN PROGRESS				
P01	07.03.23	CF	JB	BM
WORK IN PROGRESS				
Ror	Date	By	CHK	Appd

ARUP

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IYGC

Institution of Young Geotechnical Engineers

Site A1 is Proposed Coastal Erosion Control Project Name and Number

Cynllun arfordirol Gerddi Traphont

Viaduct Gardens Coastal Scheme

TITLE: Drawing Title

Planning Application

Proposed Site Layout

Scale in A1	Scale at A1	Scale
1:200	@ A1	
River	Flow	
Civil Engineer		
Authorised	Scale	Scale
For Planning	S2	
Project Approved	Approved	Approved
285699-00		PO2
285699-ARP-XX-DR-GEN-150		

Cynllun Diwygiedig

Amended Plan

DERBYN

Arian Cynllunio 24-11-2023



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- A1** Notes / Notes
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Legend

MHWS	Existing detail derived from pointcloud survey
TOW	Mean high water springs
	Top of wall

- Reference Drawings**
- 285699-ARP-XX-DR-GEN-100 - Existing Site Layout
 - 285699-ARP-XX-DR-GEN-110 - Existing Wall Sections
 - 285699-ARP-XX-DR-GEN-120 - Existing Wall Elevations
 - 285699-ARP-XX-DR-GEN-150 - Proposed Site Layout
 - 285699-ARP-XX-DR-GEN-160 - Proposed Wall Sections
 - 285699-ARP-XX-DR-GEN-170 - Proposed Wall Elevations

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of works detailed on this drawing, note the following:

- Construction
 - Exposed cable
 - Collapsed along frontage 1
 - Tidal environment
 - Network rail asset
- Maintenance / Cleaning / Operation
- Decommissioning / Demolition

Refer to the design risk register for further details.
It is acknowledged that works on this drawing are undertaken by a competent Contractor who has carried out a comprehensive risk assessment.
Site access is not shown, see CDM Risk Register for further details.

History / Version History

Rev	Date	By	Ch'd	App'd
PD4	22.08.23	CF	JIS	BM
FOR PLANNING				
PD3	25.08.23	CF	JIS	BM
DRAFT FOR COMMENT				
PD2	31.05.23	CF	JIS	BM
WORK IN PROGRESS				
PD1	07.03.23	CF	JIS	BM
WORK IN PROGRESS				

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Client: C-182

YGC

Yr Gwybodaeth / Our Knowledge

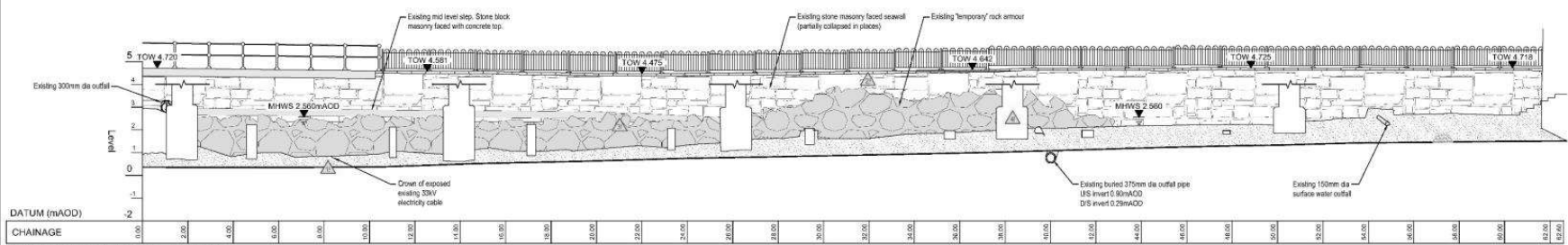
Erby's R&I Project Group / Gwybodaeth / Our Knowledge
Cynllun arfordirol Gerddi Traphont
Viaduct Gardens Coastal Scheme

Task / Tâsk / Drawing Title
**Planning Application
Existing Seawall and Setback Wall
Elevations**

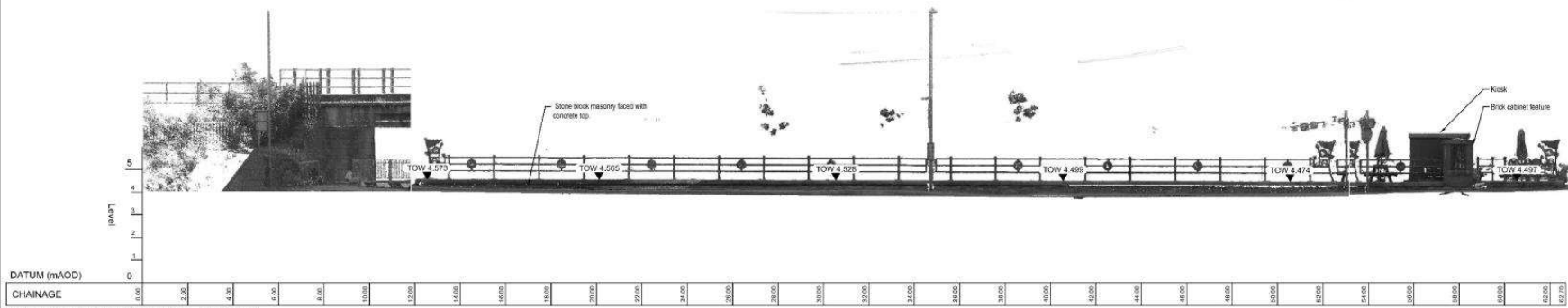
DERBYN
Adran Cynllunio 09-10-2023

Grade: p1 A1 / Scale: p1 A1	Scale: 1:100 @ A1
River: Sea	
Civil Engineer	Author: / Status
Author: / Status	Review: / Status
Review and comment	Approved: / No
RW / Project / Area / Project Number	Approved: / No
285699-00	PD4
RW / User / Drawing Number	

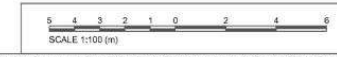
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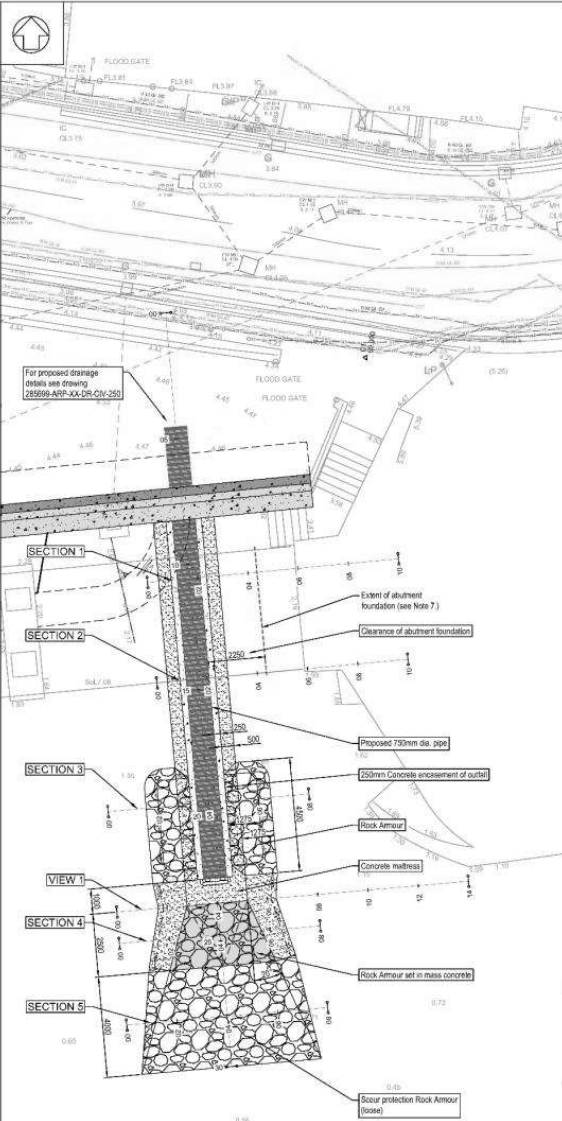


ELEVATION 1-1 OF SEAWALL - EXISTING
SCALE: 1:100



ELEVATION 2-2 OF SETBACK WALL - EXISTING
SCALE: 1:100

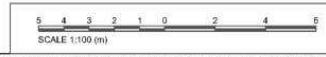
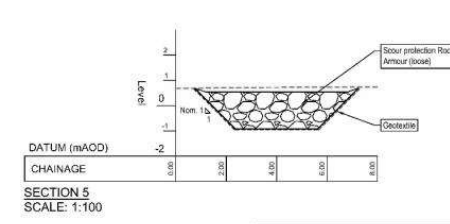
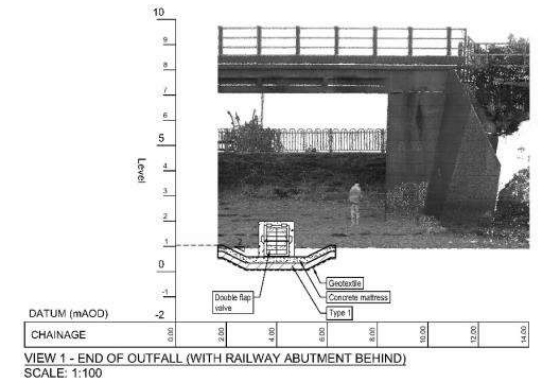
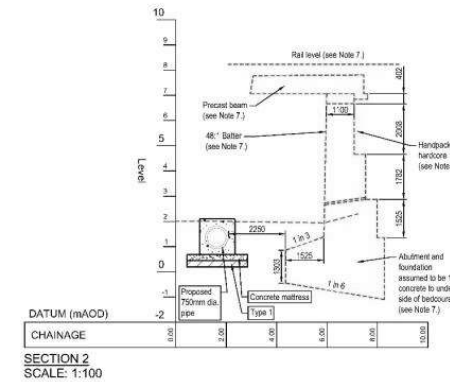
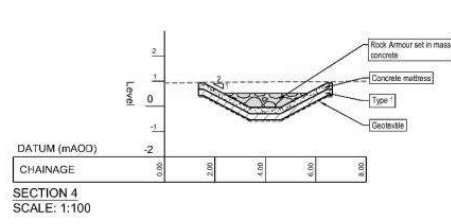
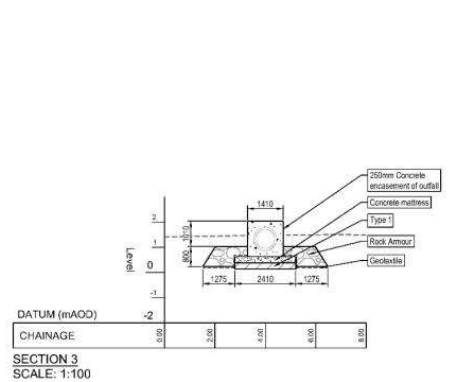
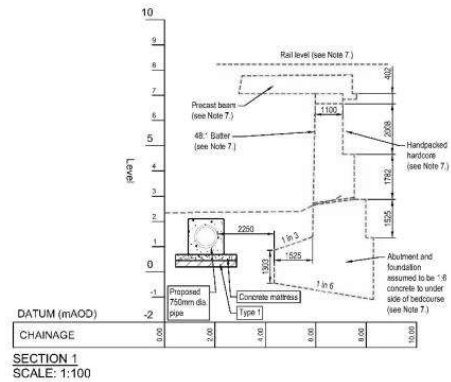
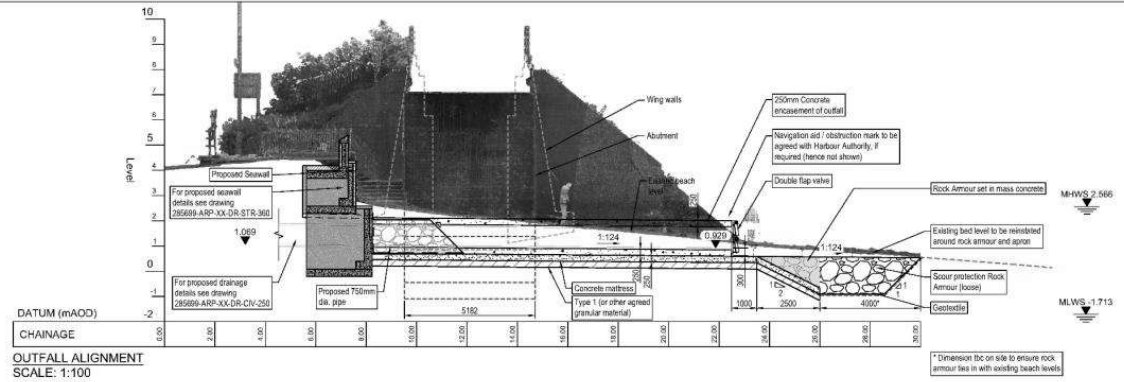




Cynllun Diwygiedig Amended Plan

DERBYN
Adran Cynllunio 24-11-2023

Site Plan
Scale: 1:100



- A1** Notes / Notes
- All dimensions are in millimetres unless noted otherwise.
 - All levels are in metres relative to ordnance datum Newlyn (mAOD) unless noted otherwise.
 - All coordinates are in metres relative to ordnance survey national grid.
 - Do not scale from this drawing. All dimensions must be checked / verified on site.
 - Refer to PR22427 Bournemouth Viaduct Grades Factors Report on Ground Investigation, Geotechnics (February 2023).
 - Outfall to extend as far as practicable until invert level is 300mm above bed level (minimum).
 - Abutment shown as derived from historical drawing of Bournemouth Reconstruction of Old Chapel Viaduct Substructure

Legend

Information derived from historical drawings (see Note 7)

Existing beach level

MHW Mean high water springs

MLWS Mean low water springs

Legend - Existing Utilities

Low Pressure Gas

BT Openreach

BT Openreach

Electricity (overhead)

Electricity

Water

Food Sewer

Surface Water

Undersified RFL

Undersified GPR

Tide Levels

Tide Level	mAOD
Datum	0.00
HAT	3.28
MHW	2.56
MHWN	1.76
MSL	0.20
MLWN	-0.54
MLWS	-1.74
LAT	-2.14

Hans Fenner / Version History

POD	DS	10/23	CF	JB	BM
AMENDMENTS TO SHORTEN OUTFALL					
PO2	08/04/23	CF	DO	BM	
DRAFT FOR COMMENT					
PO1	31/05/23	CF	DO	BM	
DRAFT FOR COMMENT					
Rev	Date	By	Chkd	Apprd	

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Client: Client

IYGC

See a RFL Project (Cynllun Diwygiedig / Cynllun Cymuned Project Name) and Number

Cynllun arfordirol Gerddi Traphont

Viaduct Gardens Coastal Scheme

Tell Us what You're Thinking

Proposed Drainage Sections - New Outfall

Drawn by: A1 / Scale: 1:100 @ A1
Rev: 001

Civil Engineer

Author: [Name]
For Information: [Name]

RFL Project No: 285699-00
RFL Contract No: 285699-00

Sheet: 001 of 001
Status: S2
Project: P03

RFL Contract No: 285699-ARP-XX-DR-CIV-290

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A1

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Legend

- - - Existing surface derived from topo circa July 20
- - - Existing detail derived from historic drawings
- - - Existing detail derived from postoutlet survey
- Mean high water springs
- TOW Top of wall

Reference Drawings

- 285699-ARP-XX-DR-GEN-100 - Existing Site Layout
- 285699-ARP-XX-DR-GEN-110 - Existing Wall Sections
- 285699-ARP-XX-DR-GEN-120 - Existing Wall Elevations
- 285699-ARP-XX-DR-GEN-150 - Proposed Site Layout
- 285699-ARP-XX-DR-GEN-160 - Proposed Wall Sections
- 285699-ARP-XX-DR-GEN-170 - Proposed Wall Elevations

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards normally associated with the types of work detailed on this drawing, note the following:

- Construction**
- Collapsed along frontage 1
- Total environment
- Network rail asset
- Maintenance / Cleaning / Operation**
- Decommissioning / Demolition**

Risk is the design risk register for further details. If considered at the time of this survey and recorded on a competent contractor's risk assessment. Site visit notes are not shown; see CDH Risk Register for further details.

Heres Feature / Version History

Rev	Date	By	Of	Appd
PD4	22.08.23	CF	JIS	BM
PD3	25.08.23	CF	JIS	BM
PD2	31.05.23	CF	JIS	BM
PD1	08.03.23	CF	JIS	BM

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Client: C-182



Rev: 1887; Project: Cynidr / Grand Canal / Project Name and Number

Cynllun arfordirol Gerddi Traphont Viaduct Gardens Coastal Scheme

Planning Application Existing Wall Sections

Grade: pt A1 / Scale: pt A1

Rev: 150 @ A1

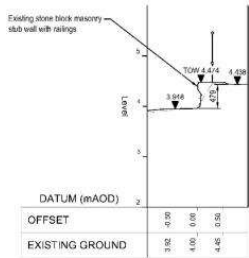
Civil Engineer

Review and comment	Date / Status
Approved / Satisfactory	S3
Reviewed / Approved / At a Project Number	PD4

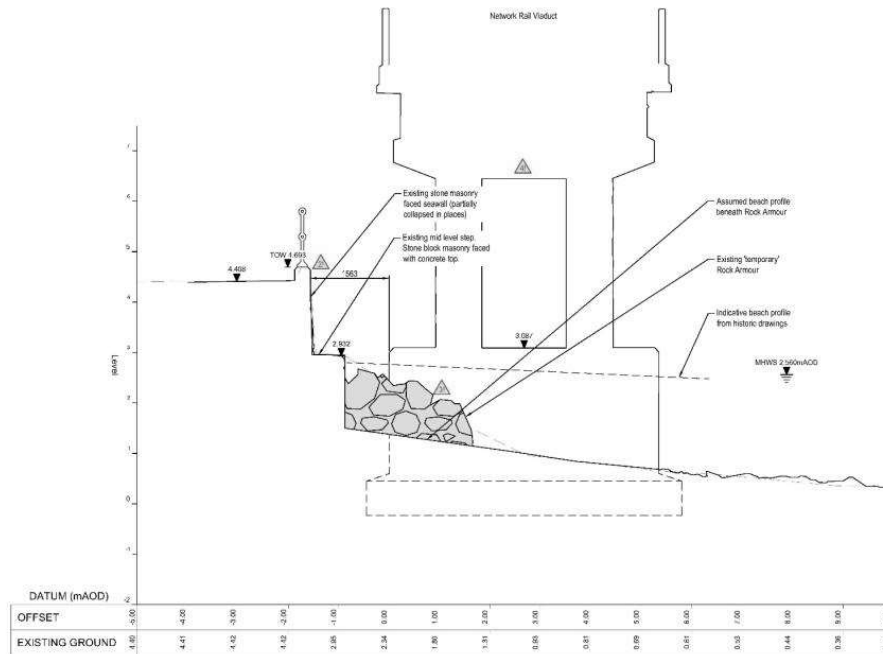
285699-00

Rev: 150 @ A1 / Drawing Number

285699-ARP-XX-DR-GEN-110

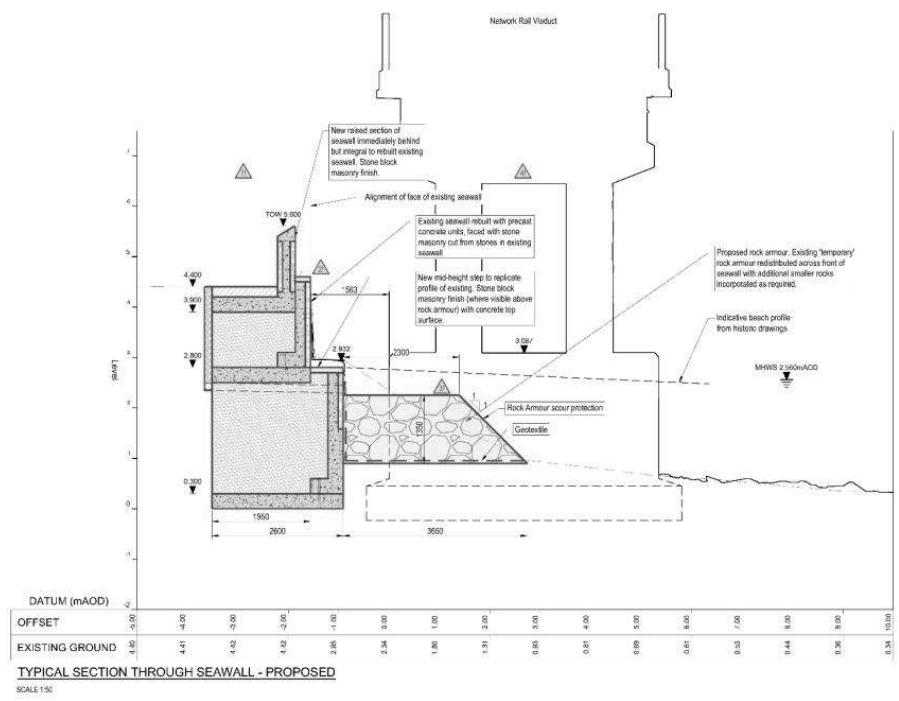
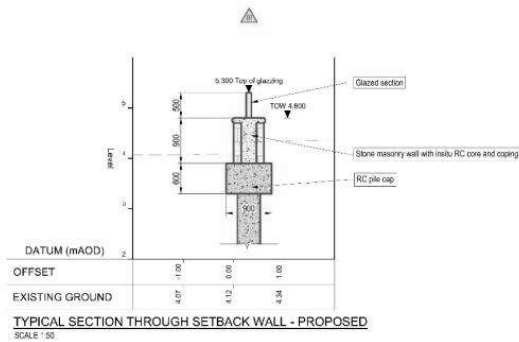


TYPICAL SECTION THROUGH SETBACK WALL - EXISTING
SCALE 1:50



TYPICAL SECTION THROUGH SEAWALL - EXISTING
SCALE 1:50





- A1**
- Notes / Note
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Legend

---	Existing surface derived from topo circa July 2022
- - - -	Existing detail derived from historic drawings
---	Existing detail derived from pointcloud survey
---	Extent of proposed work
MHW	Mean high water springs
TOW	Top of wall

Reference Drawings

285699-ARP-XX-DR-GEN-100	Existing Site Layout
285699-ARP-XX-DR-GEN-110	Existing Wall Sections
285699-ARP-XX-DR-GEN-120	Existing Wall Elevations
285699-ARP-XX-DR-GEN-150	Proposed Site Layout
285699-ARP-XX-DR-GEN-160	Proposed Wall Sections
285699-ARP-XX-DR-GEN-170	Proposed Wall Elevations

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

	Collapsed along forage 1
	Total environment
	Network rail asset
	Crane works in proximity to viaduct
	Overhead cables
	Maintenance / Cleaning / Operation
	Decommissioning / Demolition

Hines Folio / Version History

FOR PLANNING	FOR COMMENT	WORK IN PROGRESS																				
<table border="1"> <tr> <th>PD3</th> <th>22.09.23</th> <th>CF</th> <th>JJB</th> <th>BM</th> </tr> <tr> <td>PD2</td> <td>25.08.23</td> <td>CF</td> <td>JJB</td> <td>BM</td> </tr> </table>	PD3	22.09.23	CF	JJB	BM	PD2	25.08.23	CF	JJB	BM	<table border="1"> <tr> <th>PD1</th> <th>08.03.23</th> <th>CF</th> <th>JJB</th> <th>BM</th> </tr> </table>	PD1	08.03.23	CF	JJB	BM	<table border="1"> <tr> <th>Rev</th> <th>Date</th> <th>By</th> <th>Chk'd</th> <th>App'd</th> </tr> </table>	Rev	Date	By	Chk'd	App'd
PD3	22.09.23	CF	JJB	BM																		
PD2	25.08.23	CF	JJB	BM																		
PD1	08.03.23	CF	JJB	BM																		
Rev	Date	By	Chk'd	App'd																		

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IYGC

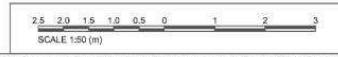
Independent Youngs Group of Chartered Engineers

Rev A: RRF's Proposed Cynllunio / Overall Council Project Name and Number
Cynllun arfordirol Gerddi Traphont
Viaduct Gardens Coastal Scheme

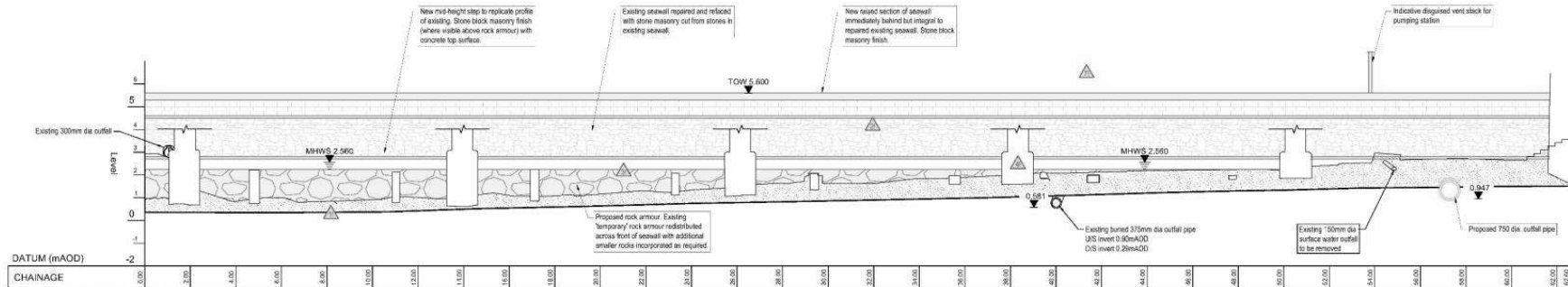
TITLE: **Planning Application**
Proposed Wall Sections

Grade: gen A1	Scale: A1
River: Sea	Author: Genially
Civil Engineer:	Checker: SS
Reviewed / Checked:	Approved / Rev:
Rev / Project Area / At a Project Number:	Project:
285699-00	PD3
Rev / User / Drawing Number:	

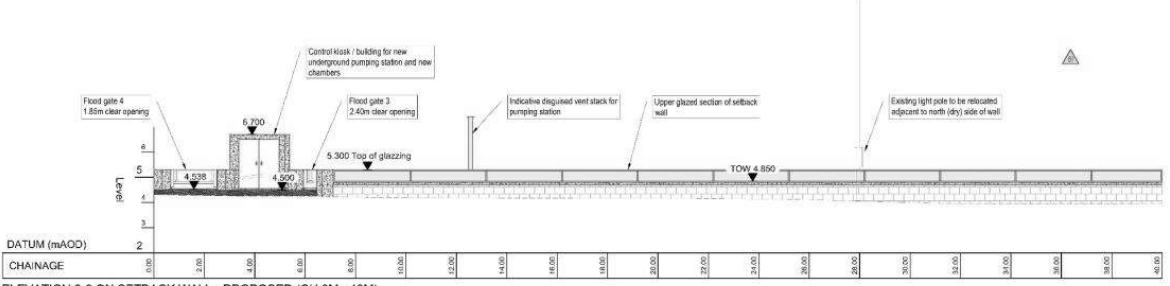
285699-ARP-XX-DR-GEN-160



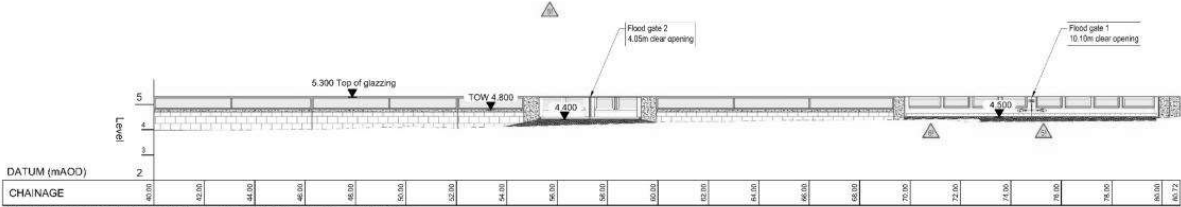
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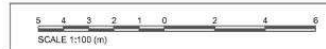
ELEVATION 1-1 ON SEAWALL - PROPOSED
SCALE: 1:100



ELEVATION 2-2 ON SETBACK WALL - PROPOSED (CH 0M - 40M)
SCALE: 1:100



ELEVATION 2-2 ON SETBACK WALL - PROPOSED (CH 40M - 81M END)
SCALE: 1:100



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 - Do not scale from this drawing, all dimensions must be checked / verified on site.

- Legend**
- Existing surface derived from topo circa July 22
 - - - Existing detail derived from historic drawings
 - Existing detail derived from post-project survey
 - Extent of proposed work
 - Extent utility work
 - MHWS Mean high water springs
 - TOW Top of wall

- Reference Drawings**
- 285699-APP-XX-DR-GEN-100 - Existing Site Layout
 - 285699-APP-XX-DR-GEN-110 - Existing Wall Sections
 - 285699-APP-XX-DR-GEN-120 - Existing Wall Elevations
 - 285699-APP-XX-DR-GEN-150 - Proposed Site Layout
 - 285699-APP-XX-DR-GEN-160 - Proposed Wall Sections
 - 285699-APP-XX-DR-GEN-170 - Proposed Wall Elevations

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

Construction
Exposed cable
Collapsed along frontage 1
Tidal environment
Network rail asset
Highway work - partial road closures required
Existing medium pressure gas main
Cable works in proximity to viaduct
Discharged cables
Maintenance / Cleaning / Operation
Decommissioning / Demolition

Refer to the design risk register for further details.
It is assumed that all the works on this drawing will be carried out by a competent Contractor who has carried out a comprehensive risk assessment.
Site wide risks are not shown, see CDM Risk Register for further details.

Heres Features / Version History

Rev	Date	By	Ch'd	App'd
PD4	22.08.23	CF	JIS	BM

FOR PLANNING

PD3	25.08.23	CF	JIS	BM
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DRAFT FOR COMMENT

PD2	31.05.23	CF	JIS	BM
-----	----------	----	-----	----

WORK IN PROGRESS

PD1	07.03.23	CF	JIS	BM
-----	----------	----	-----	----

WORK IN PROGRESS

ARUP

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Tel +44 029 2047 3727
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Client: CWR

IYGC

Erly in RRP's Project Cycle / Key/roll / Overall Cycle / Project Name and Number

Cynllun arfordirol Gerddi Traphont

Viaduct Gardens Coastal Scheme

TITLE: User / Drawing Title

Planning Application
Proposed Seawall and Setback Wall Elevations

Grade: in A1 / Scale: in A1	
River: Ina	
Civil Engineer:	
Reviewed / Checked:	SALES / SALES
Review and comment:	S3
Rev / Proposed Arup / Arup Project Number:	Assigned / Rev
285699-00	PD4
Rev / User / Drawing Number:	
285699-APP-XX-DR-GEN-170	

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