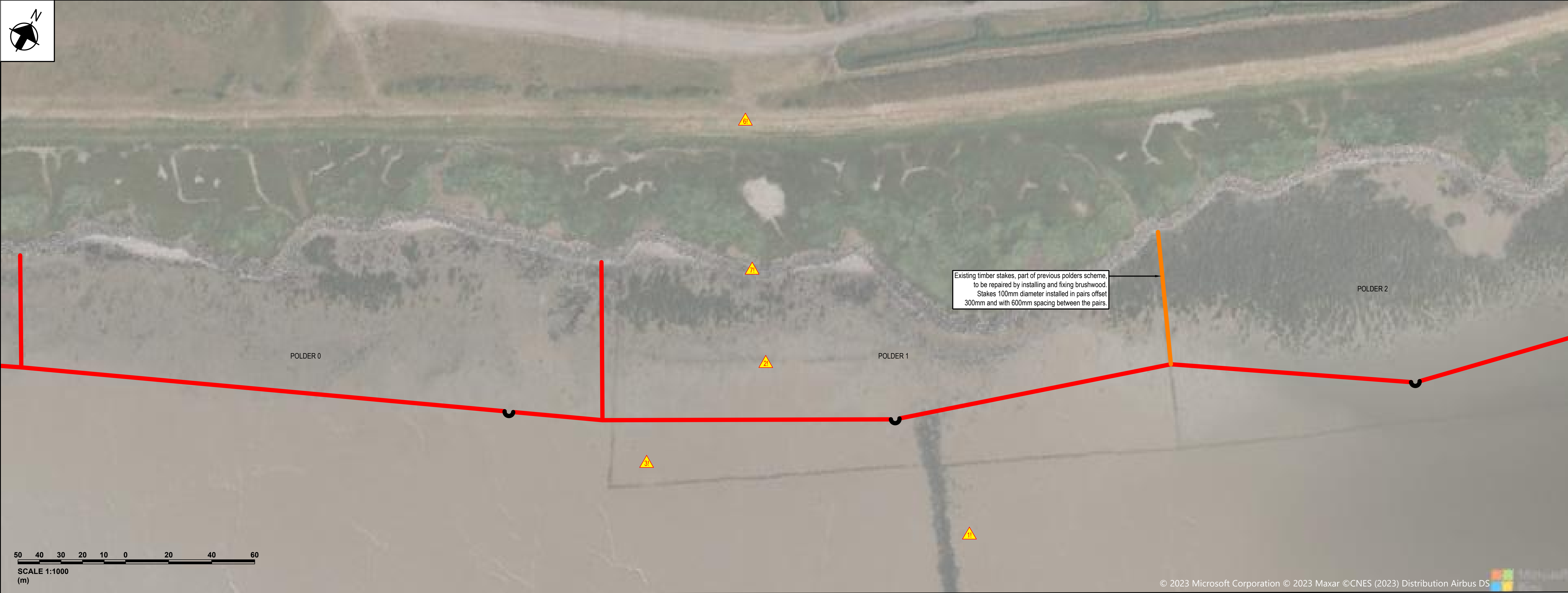




Plan - Area 01
Scale 1:1000



Plan - Area 02
Scale 1:1000

Nodiadau / Notes

1. Do not scale from this drawing.
2. All dimensions are in millimetres unless noted otherwise.
3. All positions are in metres relative to British National Grid (OSGB36)
4. All levels are to Ordnance Datum Newlyn unless noted otherwise
5. All timber is to be procured in accordance with NRW Sustainable Timber Policy (Safe and Environmentally Responsible Construction Policy - Appendix H)
6. Contractor to use permit to dig system before any intrusive works, considering UXO and utilities risks.
7. All works to be undertaken in accordance with the approved Environmental Action Plan and Constructors Phase Plan.

Legend

- Repair of Existing Polder Fencing
- New Polder Fencing
- Brushwood Baffles
- Drainage Gaps

OS Ref: 324134,178061

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

- Tidal Working
- Soft Ground
- Unknown condition of existing polders
- Public footpath
- Potentially unstable rock armour

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.

P01	21/12/23	KS	GB	CB
Rev	Date	By	Chkd	Appd

ARUP

4 Pierhead Street
Caerdydd / Cardiff
CF10 4QP
Tel +44 029 2047 3727
www.arup.com

Cleient / Client



Enw a Rhif y Proiect CNC / NRW Project Name and Number

RUMNEY GREAT WHARF
POLDERS

Titl Luniad / Drawing Title

AREAS 01 & 02
GENERAL ARRANGEMENT

Graddfa yn A1 / Scale at A1

1:1000

Rhan / Role

General

Addasrwydd / Suitability

For Planning

Rhif y Proiect Arup / Arup Project Number

290063

Rhif y Luniad / Drawing Number

290063-ARP-XX-XX-DR-ZX-0101

Statws / Status

S0

Adolygiad / Rev

P01.1

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Plan - Area 03
Scale 1:1000

Nodiadau / Notes

1. Do not scale from this drawing.
2. All dimensions are in millimetres unless noted otherwise.
3. All positions are in metres relative to British National Grid (OSGB36)
4. All levels are to Ordnance Datum Newlyn unless noted otherwise
5. All timber is to be procured in accordance with NRW Sustainable Timber Policy (Safe and Environmentally Responsible Construction Policy - Appendix H)
6. Contractor to use permit to dig system before any intrusive works, considering UXO and utilities risks.
7. All works to be undertaken in accordance with the approved Environmental Action Plan and Constructors Phase Plan.

OS Ref: 324475.178244

Legend

- Repair of Existing Polder Fencing
- New Polder Fencing
- Brushwood Baffles
- Tidal Opening Protection

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:

Tidal Working

Soft Ground

Unknown condition of existing polders

Public footpath

Potentially unstable rock armour

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ARUP

4 Pierhead Street
Caerdydd / Cardiff
CF10 4QP
Tel +44 029 2047 3727
www.arup.com

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**RUMNEY GREAT WHARF
POLDERS**

Toll Luniad / Drawing Title

**AREA 03
GENERAL ARRANGEMENT**

Graddfa yn A1 / Scale at A1

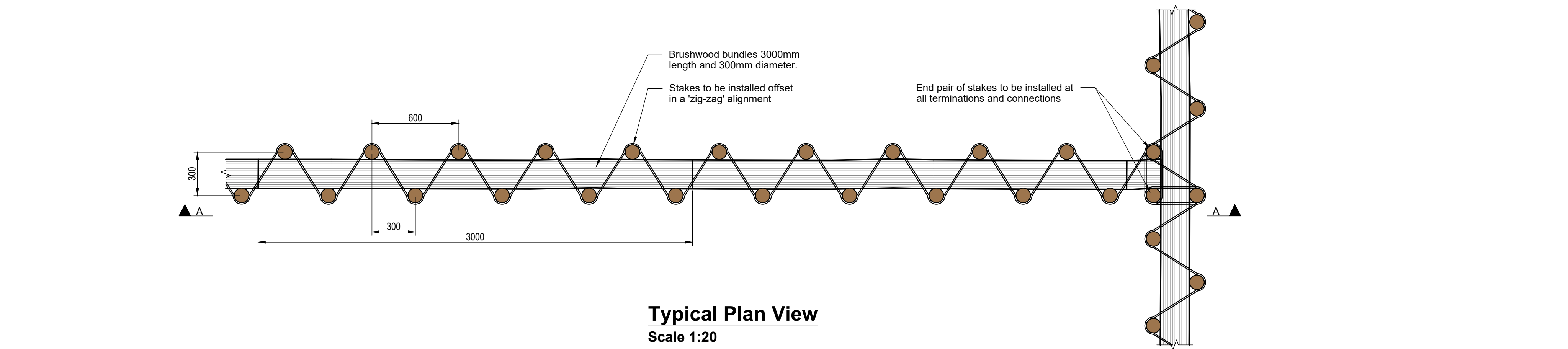
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Rhan / Role

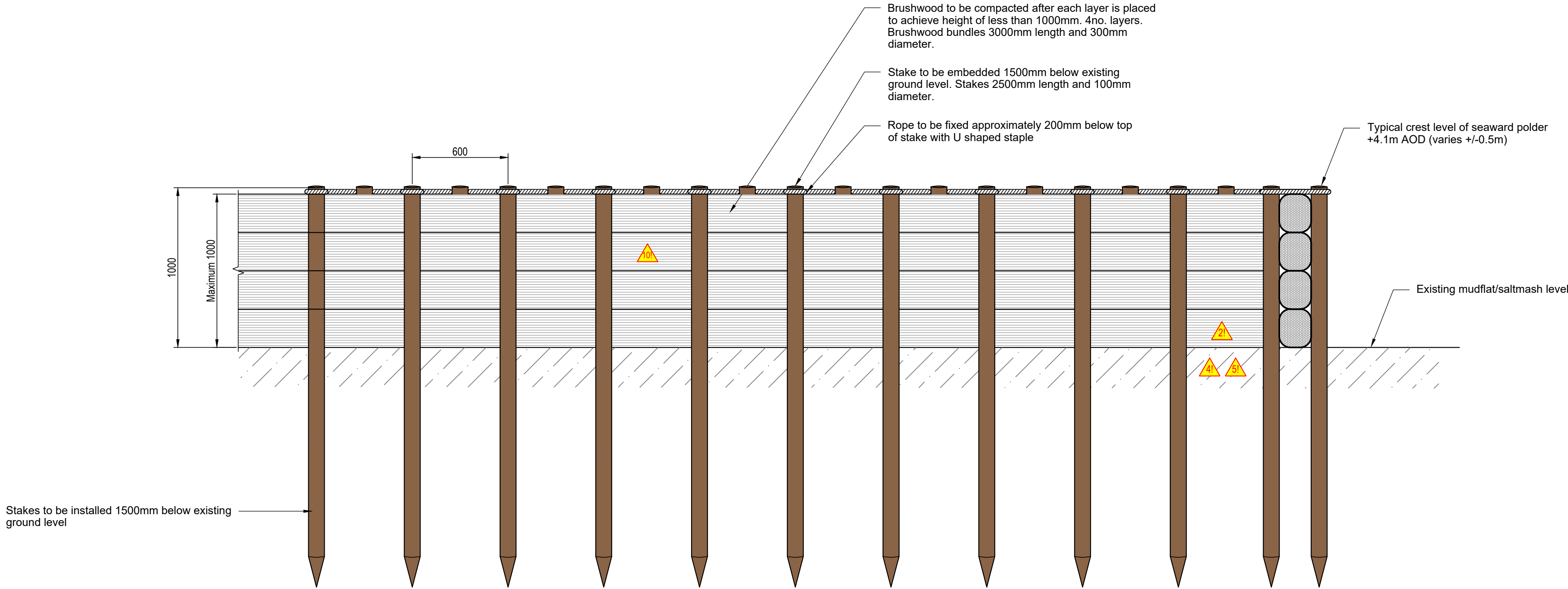
General

Addaswydd / Suitability	Status / Status
Work in Progress	S0
Rhif y Proiect Arup / Arup Project Number	Adolygiad / Rev
290063	P01.1
Rhif y Luniad / Drawing Number	

290063-ARP-XX-XX-DR-ZX-0102

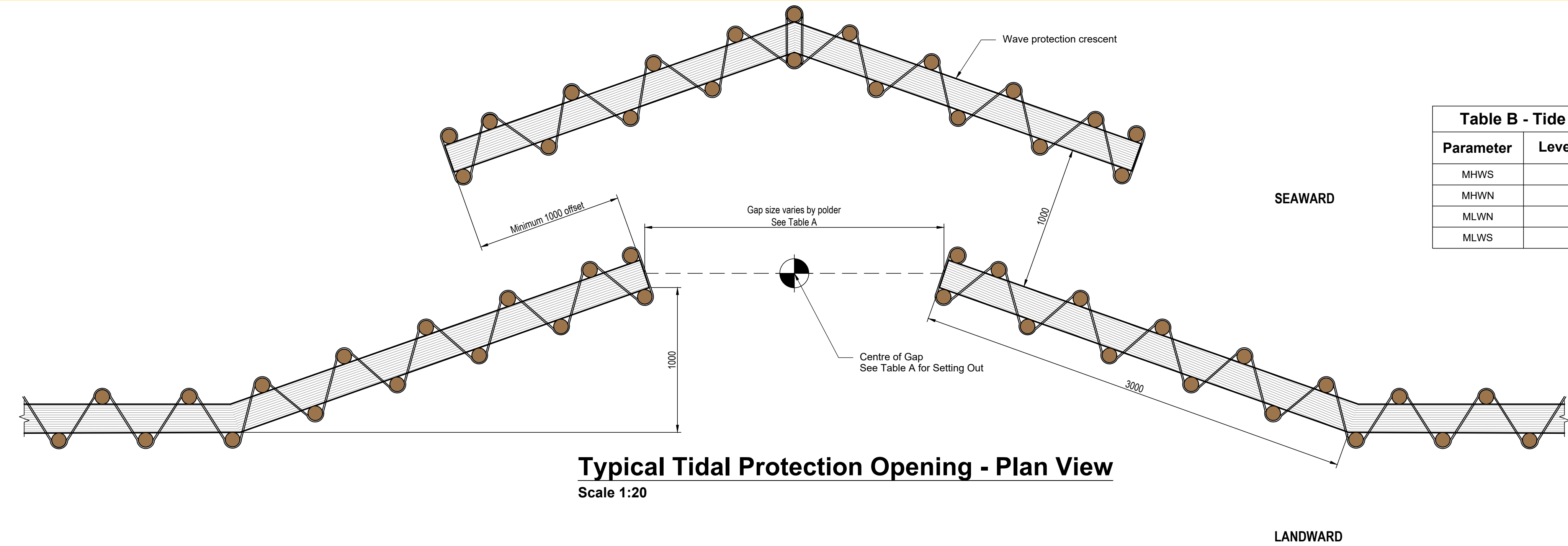


Typical Plan View
Scale 1:20



Typical Elevation A
Scale 1:20

Table A - Drainage Opening Setting Out			
Polder	Gap Size	Centre of Gap Easting	Centre of Gap Northing
Polder -2	3000mm	323623m	177795m
Polder -1	3000mm	323794m	177866m
Polder 0	3000mm	324039m	177973m
Polder 1	3000mm	324197m	178059m
Polder 2	3000mm	324400m	178192m
Polder 3	3000mm	324617m	178342m



Typical Tidal Protection Opening - Plan View
Scale 1:20

Table B - Tide Levels	
Parameter	Level (mAOD)
MHWS	6.24
MHWN	2.94
MLWN	-2.27
MLWS	-5.07

Nodiadau / Notes

- Do not scale from this drawing.
- All dimensions are in millimetres unless noted otherwise.
- All positions are in metres relative to British National Grid (OSGB36)
- All levels are to Ordnance Datum Newlyn unless noted otherwise
- Tidal protection opening gap sizes and locations are approximate based on alignment with existing drainage channels identified from aerial imagery.
- Each layer of brushwood is to be compacted after placement to achieve a height of no more than 1000mm. The rope is to be fixed so it is in tension and maintains compaction of the brushwood.
- All timber is to be procured in accordance with NRW Sustainable Timber Policy (Safe and Environmentally Responsible Construction Policy - Appendix H)
- Materials
 - Stakes: Sweet Chestnut (Castanea sativa L), 2500mm length, 100mm diameter. Stakes to be peeled and pointed at one end.
 - Brushwood bundles: (Hazel Corylus avellana L.) or Sweet Chestnut (Castanea sativa L) or mix of both, 3000mm length, 300mm diameter bundles. 6kg per linear metre.
 - Brushwood twine: Biodegradable tensioned coir twine.
 - Fixing rope: Synthetic rope, minimum 10mm diameter, minimum breaking load 1000kg.
 - Fixings: 20mm galvanized steel hammer-in U shaped staples.
- Contractor to use permit to dig system before any intrusive works, considering UXO and utilities risks.
- All works to be undertaken in accordance with the approved Environmental Action Plan and Constructors Phase Plan.

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

1! Tidal working

2! Soft, unstable ground

4!, 5! Intrusive ground works

10! Compaction of brushwood

Maintenance / Cleaning / Operation

As above

Decommissioning / Demolition

As above

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.

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ARUP

4 Pierhead Street
Caerdydd / Cardiff
CF10 4QP
Tel +44 029 2047 3727
www.arup.com

Cleient / Client

Cyfoeth Naturiol Cymru
Natural Resources Wales

Enw a Rhif y Proiect CNC / NRW Project Name and Number
**RHYMNEY GREAT WHARF
HABITAT RESTORATION
POLDERS ENHANCEMENT
PROJECT**

Tellî Lluniad / Drawing Title

**PROPOSED DETAILS
SHEET 1**

Graddfa yn A1 / Scale at A1

1:20

Rhan / Role

General

Addasrwydd / Suitability

For Planning

Rhif y Proiect Arup / Arup Project Number

290063

Rhif y Lluniad / Drawing Number

290063-ARP-XX-XX-DR-ZX-0201

Statws / Status	S0
Adolygiad / Rev	P01.1