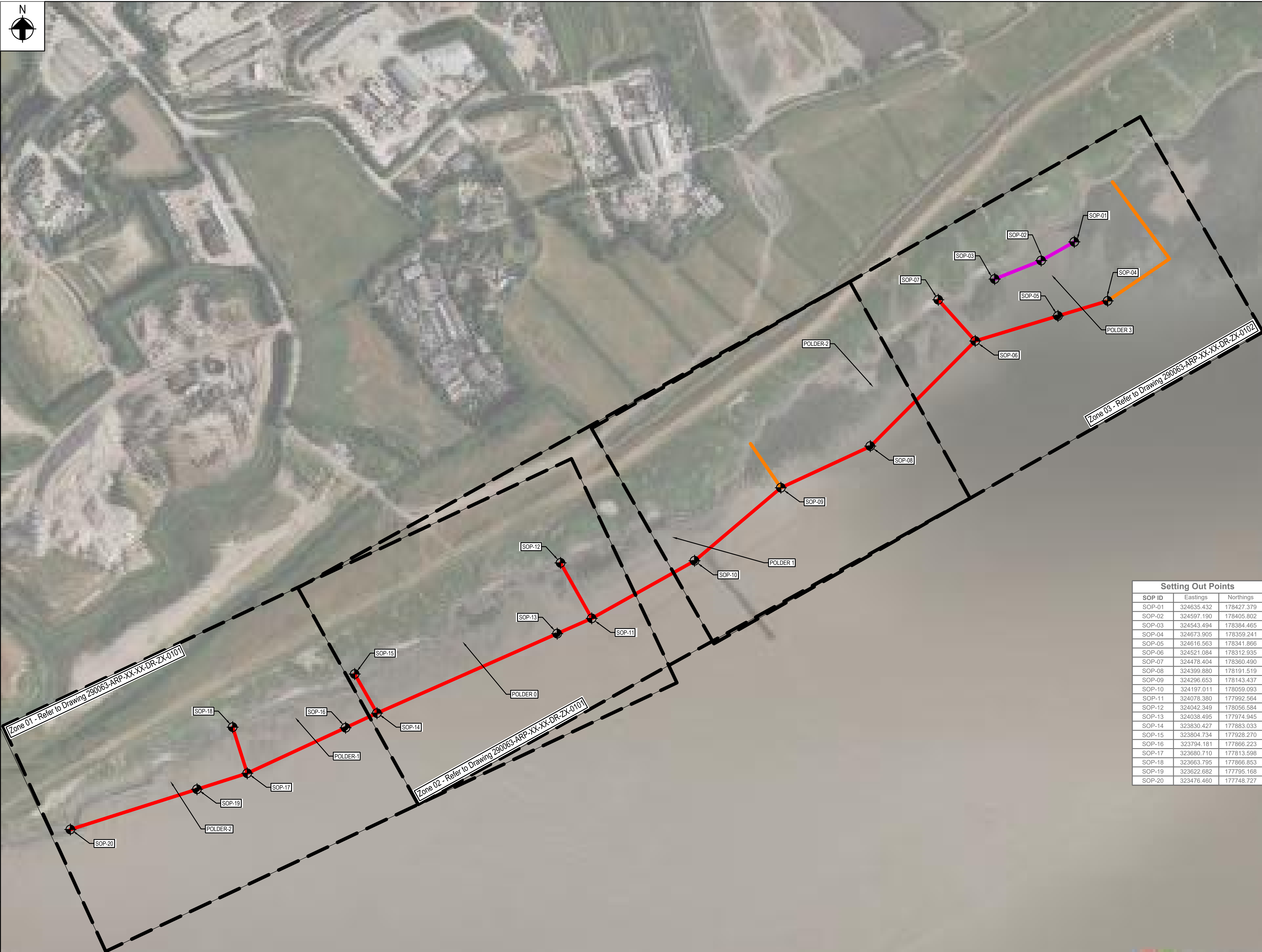
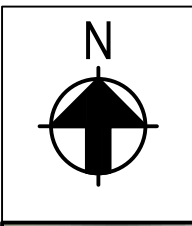




Nodiadau / Notes

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. Setting out points are approximate based on aerial imagery. Landward end of polders should terminate adjacent to rock armour. Rock armour should not be disturbed apart from for access to lower mudflat/saltmarsh level.
5. The polder numbering system is consistent with the previous scheme.

A1

Legend

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

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Rev	Date	By	Chkd	Appd

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RUMNEY GREAT WHARF POLDERS

Teitl Lluniad / Drawing Title

PROPOSED SITE LOCATION PLAN

Graddfa yn A1 / Scale at A

1:2500

Rhan / Rol

General

Addaswydd / Suitability	Statws / Status
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For Information	S1
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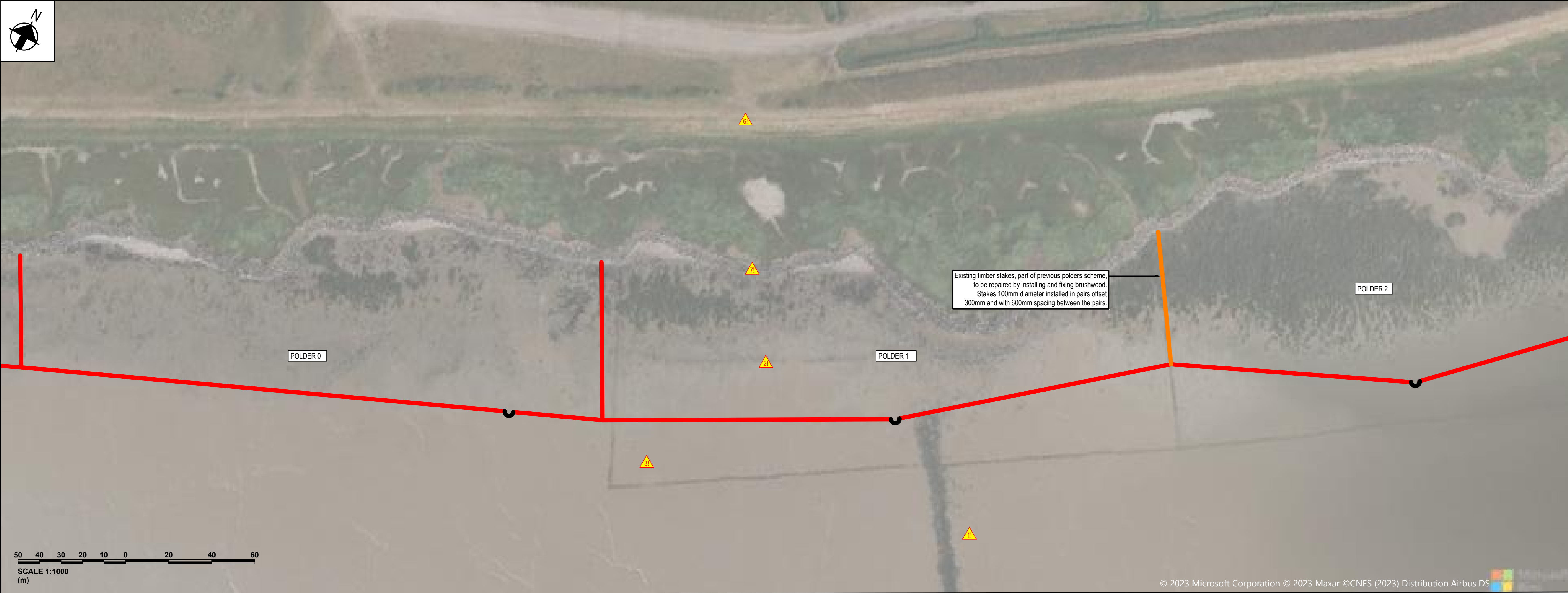
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290063-ARP-XX-XX-DR-ZX-0100



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 notedotherwise
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.

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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 Information

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Statws / Status

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Adolygiad / Rev

P01

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Plan - Area 03

Scale 1:1000

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

- ## SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

Construction

- | | | | | |
|-----|----------|----|------|------|
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Graddfa yn A1 / Scale at A

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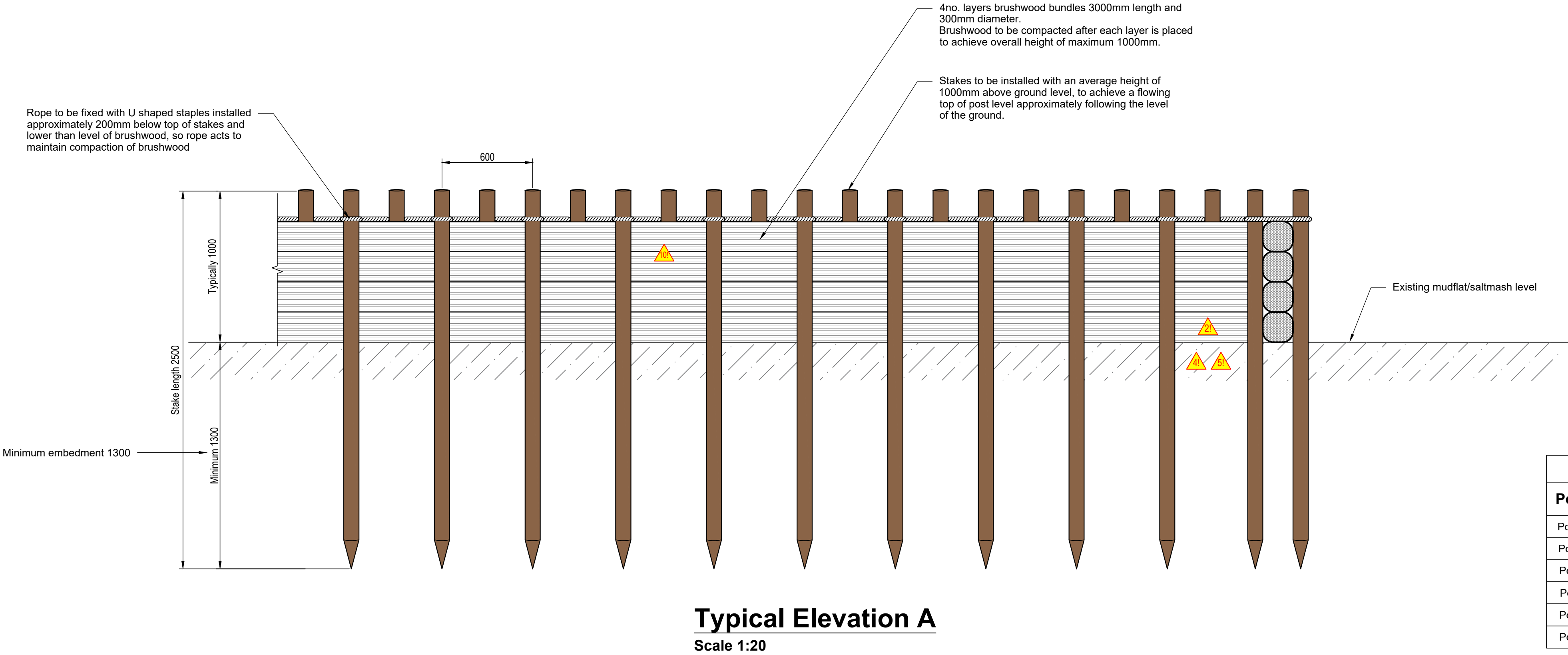
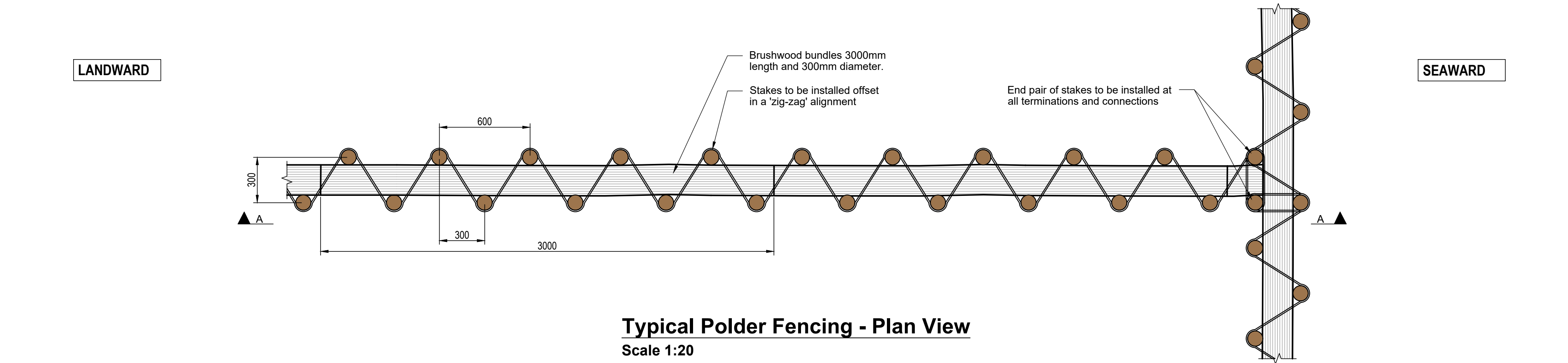


Table A - Drainage Gap Setting Out			
Polder	Gap Size	Centre of Gap Easting	Centre of Gap Northing
Polder -2	3000mm	323623m	177795m
Polder -1	3000mm	323794m	177866m
Polder 0	3000mm	324039m	177973m
Polder 1	3000mm	324197m	178059m
Polder 2	3000mm	324400m	178192m
Polder 3	3000mm	324617m	178342m

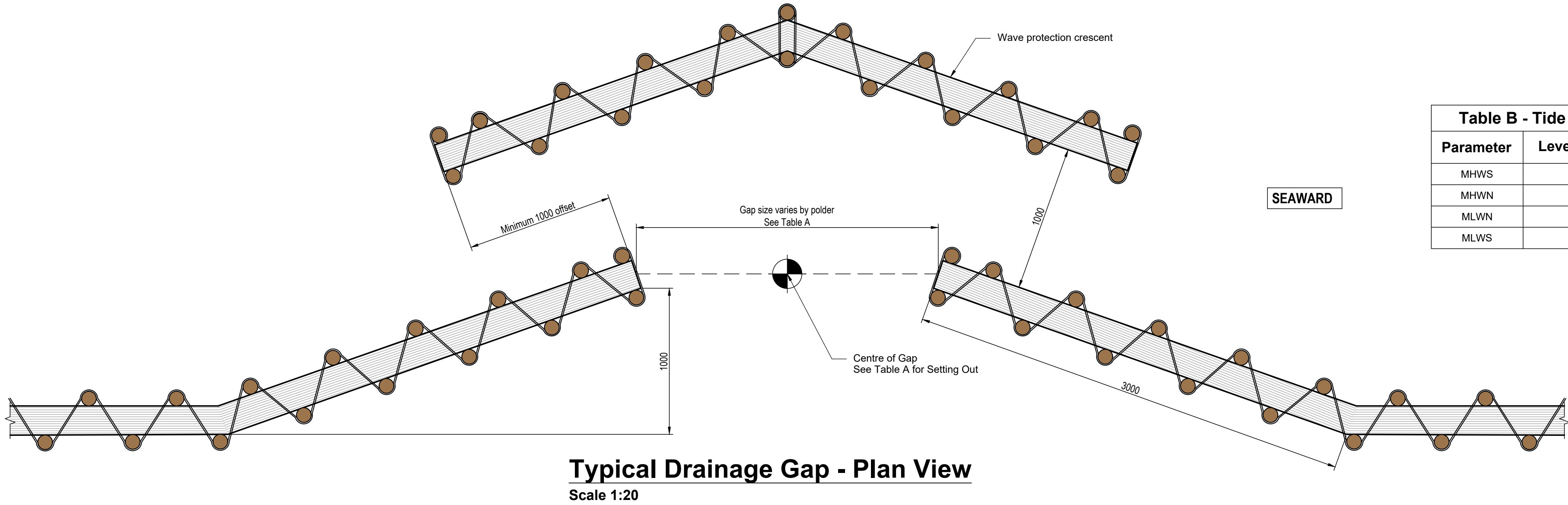


Table B - Tide Levels	
Parameter	Level (mAOD)
MHWS	6.24
MHWN	2.94
MLWN	-2.27
MLWS	-5.07

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: Polyester rope, minimum 10mm diameter, minimum breaking load 1000kg.
 - Fixings: 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.
- Contractor to confirm all tide levels before commencing work. Tide levels shown in Table B have been interpolated from nearest ports and should not be relied upon.

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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**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 Information

Rhif y Proiect Arup / Arup Project Number

290063

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