

HAZARD WARNINGS	
A!	WORKING ADJACENT TO WATER
B!	SOFT AND UNSTABLE GROUND
C!	DEEP EXCAVATIONS
D!	PUBLIC BEACH
E!	SERVICES
F!	ROCK STABILITY
<ul style="list-style-type: none"> FOR MORE DETAILED INFORMATION PLEASE REFER TO THE DESIGNERS H&S HAZARD RECORD. EVERYDAY OR LOW RISK HAZARDS HAVE NOT BEEN INDICATED ON THIS DRAWING, NEITHER HAVE HAZARDS THAT SHOULD BE OBVIOUS TO A COMPETENT CONTRACTOR. SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED THE CONTRACTOR SHOULD NOTIFY ALL THE RELEVANT PROJECT TEAM MEMBERS. 	

- NOTES:**
- DO NOT SCALE FROM THIS DRAWING USE FIGURED DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS IN METRES RELATIVE TO ORDINANCE DATUM LOCAL (ODL).
 - TIDE INFORMATION RELATIVE TO ODL
 MHS 2.79m
 MLWN 1.39m
 MLWN -0.91m
 MLWS -2.21m
 - SETTING OUT POINTS (SoP) TO ORDINANCE SURVEY
 SoP 8: 90759.85, 10686.83
 SoP 9: 90769.60, 10693.49
 SoP 10: 90759.77, 10698.47
 SoP 11: 90746.99, 10696.49
 SoP 12: 90738.82, 10690.73
 SoP 13: 90750.13, 10685.50
 - BEACH LEVELS AS OF FEB 2017

RECEIVED
 By Emma Kingwell at 1:58 pm, Jun 22, 2021

LEGEND:

	WORKING AREA
	APPROXIMATE BEACH FINISH LEVEL
	APPROXIMATE TOE OF CLIFF
	ESTIMATED BURIED EXTENT OF REVETMENT
	ESTIMATE EXPOSED EXTENT ROCK REVETMENT
	ROCK TO OVERLAY REVETMENT

Rev	Date	Description	Drawn	Check	Approv
P2	05APR19	WORKING AREA & SoPs ADDED	MN	MC	IC
P1	08SEP17	ISSUED FOR INFORMATION	MN	MC	IC

Client
COUNCIL OF THE ISLES OF SCILLY

PROJECT:
ISLES OF SCILLY FLOOD DEFENCE AND DUNE MANAGEMENT SCHEME

Site
 Isles of Scilly
 Porth Mellon

Client
 Council of the Isles of Scilly
 Address
 Town Hall
 St Marys, Isles of Scilly, TR21 0LW
 +44 (0)1720 424000
 enquiries@scilly.gov.uk
 http://www.scilly.gov.uk/

ARCADIS Design & Consultancy for natural and built assets

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 Arcadis House
 34 York Way
 London
 N1 9AB

Coordinating office:
 680 Budshhead Road
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 Tel: +44 (0)1752 689 000

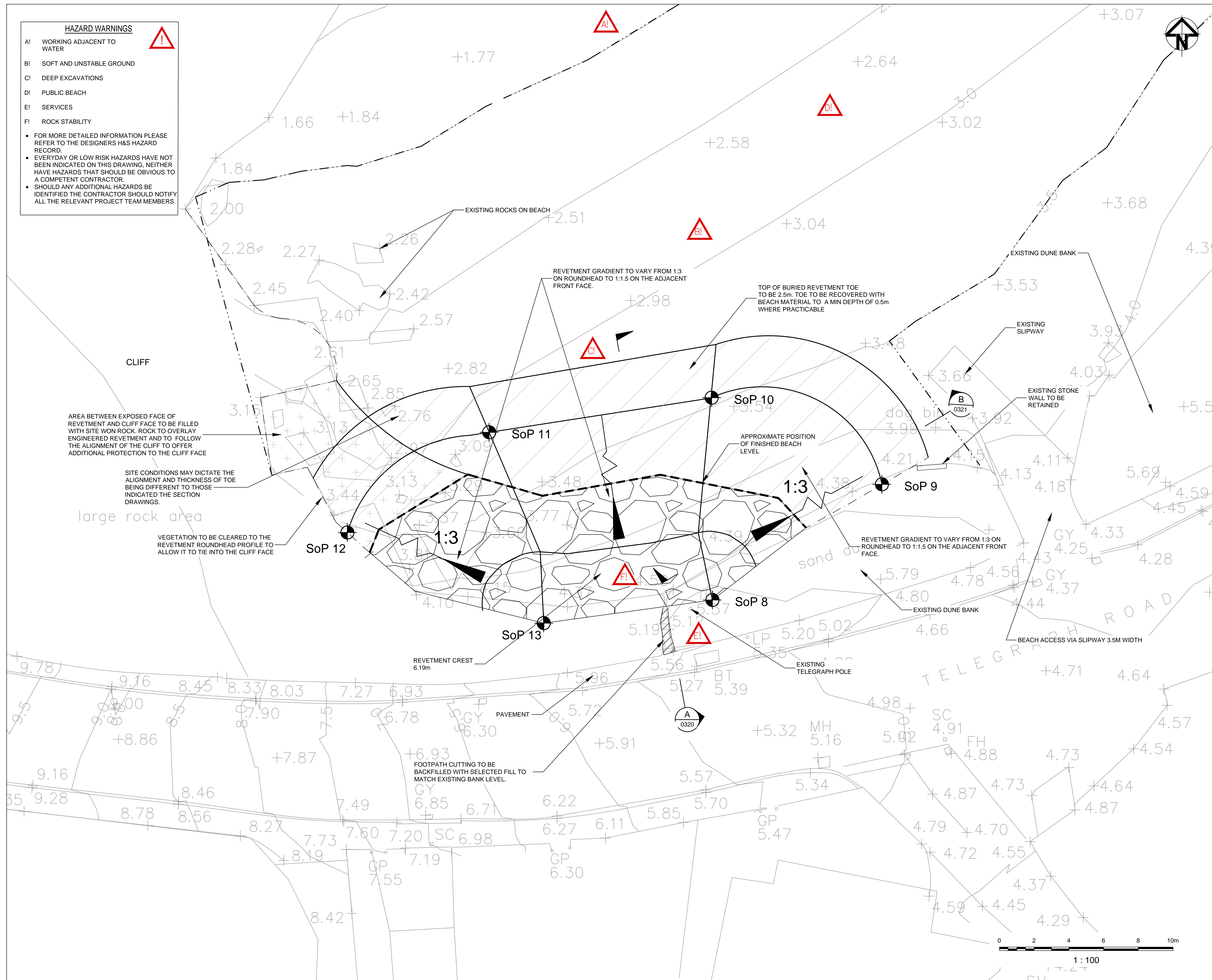
www.arcadis.com

TITLE:
REVETMENT PLAN PORTH MELLON

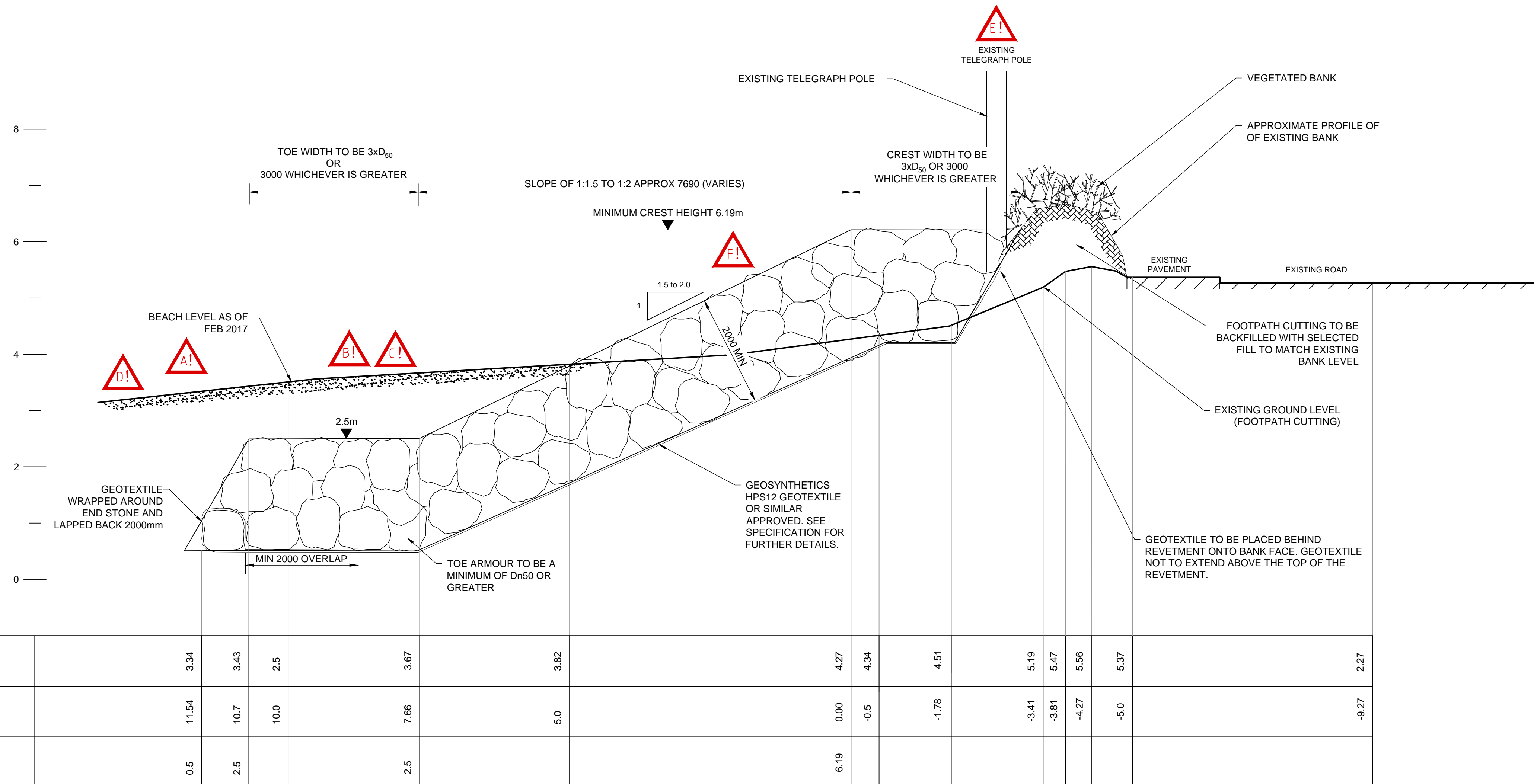
Designed	M. NEEDHAM	Signed	18SEP17
Drawn	M. NEEDHAM	Signed	18SEP17
Checked	M. CLAUSEN	Signed	18SEP17
Approved	I. COOKE	Signed	18SEP17
Scale:	1:100	Datum:	ST.MARYS
Original Size:	A1	Grid:	OS
Suitability Code:	S2	Project Number:	UA008878

Suitability Description:
ISSUED FOR INFORMATION

Drawing Number:	UA008878-XX-XX-DR-CE-0302	Revision:	P2
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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
EXISTING LEVELS		3.34	3.43	2.5		3.67		3.82		4.27	4.34	4.51		5.19	5.47	5.56	5.37			2.27	
CHAINAGE		11.54	10.7	10.0		7.66		5.0		0.00	-0.5	-1.78		-3.41	-3.81	-4.27	-5.0			-9.27	
PROPOSED LEVELS		0.5	2.5			2.5				6.19											

SECTION A
0320

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 - TIDE INFORMATION RELATIVE TO ODL
MHW 2.79m
MLWN 1.39m
MLWN -0.91m
MLWS -2.21m
 - BEACH LEVELS AS OF FEB 2017

RECEIVED
By Emma Kingwell at 1:58 pm, Jun 22, 2021

LEGEND:

Rev	Date	Description	Drawn	Check	Approv
P3	05APR19	DRAWING AND NOTE AMENDMENTS	MH	MC	IC
P2	18SEP17	DRAWING AND NOTE AMENDMENTS	RH	MC	IC
P1	28JUL17	ISSUED FOR INFORMATION	MN	MC	IC

Client
COUNCIL OF THE ISLES OF SCILLY

PROJECT:
ISLES OF SCILLY FLOOD DEFENCE AND DUNE MANAGEMENT SCHEME

Site
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Porth Mellon

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TITLE:
PORTH MELLON
ROCK REVETMENT
SECTION A

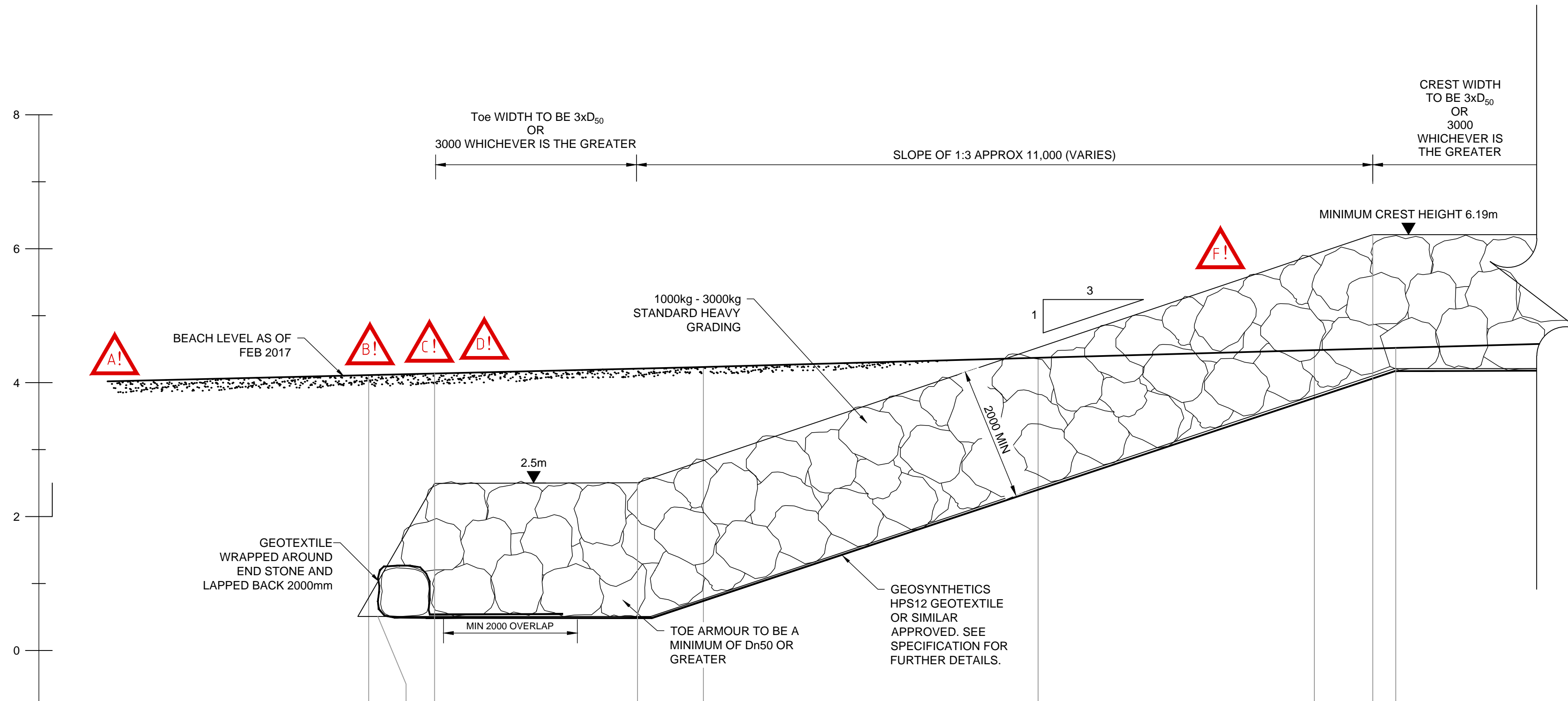
Designed	M.NEEDHAM	18SEP17
Drawn	M.NEEDHAM	18SEP17
Checked	M.CLAUSEN	18SEP17
Approved	I.COOKE	18SEP17

Scale: NTS Datum: ST.MARYS
Original Size: A1 Grid: OS
Suitability Code: S2 Project Number: UA008878

Suitability Description:
ISSUED FOR INFORMATION

Drawing Number: UA008878-ARC-XX-XX-DR-CE-0320 Revision: P3

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DATUM: -1.00m

	15.00	14.86	14.02	10.98	10.00	5.00	0.87	0.00	-0.34
EXISTING LEVELS	4.11	4.12	4.12	4.21	4.23	4.38	4.48	5.51	4.51
CHAINAGE									
PROPOSED LEVELS	0.50	2.50		2.50			6.19		

SECTION B
0320

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MLWN -0.91m
MLWS -2.21m

RECEIVED
By Emma Kingwell at 1:58 pm, Jun 22, 2021

LEGEND:

Rev	Date	Description	Drawn	Check	Approv
P3	05APR19	DRAWING AND NOTE AMENDMENTS	MH	MC	IC
P2	18SEP17	DRAWING AND NOTE AMENDMENTS	RH	MC	IC
P1	28JUL17	ISSUED FOR INFORMATION	MN	MC	IC

Client
COUNCIL OF THE ISLES OF SCILLY

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Tel: +44 (0)1752 689 000

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TITLE:
PORTH MELLON
ROCK ARMOR DETAILS
SECTION B

Designed	M.NEEDHAM	Signed	<i>M. Needham</i>	Date	18SEP17
Drawn	M.NEEDHAM	Signed	<i>M. Needham</i>	Date	18SEP17
Checked	M.CLAUSEN	Signed	<i>M. Clausen</i>	Date	18SEP17
Approved	I.COOKE	Signed	<i>I. Cooke</i>	Date	18SEP17
Scale:	NTS	Datum:	ST.MATYS		
Original Size:	A1	Grid:	OS		
Suitability Code:	S2	Project Number:	UA008878		

Suitability Description:
ISSUED FOR INFORMATION

Drawing Number:
UA008878-ARC-XX-XX-DR-CE-0321

Revision:
P3

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- A! WORKING ADJACENT TO WATER
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 - F! GEOTEXTILE TRIMMING
 - G! ROCK STABILITY
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WALKWAY OVERLAP TO BE BURIED INTO BEACH AND SECURED WITH STAKES TO PREVENT MOVEMENT AS PER MANUFACTURERS RECOMMENDATION.

HAHN KUNSTSTOFFE ROLL ELEMENT
2 FLEXIBLE FLOORING TYPE
TIMBER/RECYCLED PLASTIC ROLL
DECKING (OR CONTRACTOR
APPROVED ALTERNATIVE).



EXISTING SAND DUNE

GRADIENT 1:7.5

GRADIENT 1:7.5

DUNE WIDTH TO BE TRIMMED
LOCALLY ALONG PATH AND DUNE
INTERFACE TO ACCOMMODATE
WALKWAY.

DUNE WIDTH TO BE TRIMMED
LOCALLY ALONG PATH AND DUNE
INTERFACE TO ACCOMMODATE
WALKWAY.

WALKWAY TO BE INSTALLED LEVEL WITH ROAD
SURFACE AND SECURED APPROPRIATELY AS PER
MANUFACTURERS RECOMMENDATIONS.

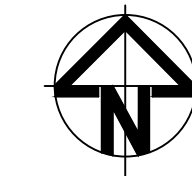
WALKWAY TO FOLLOW
EXISTING PROFILE OF
INFERRED FOOTPATH



INFORMAL FOOTPATH THROUGH THE DUNE AS VIEWED FROM THE BEACH



INFORMAL FOOTPATH THROUGH THE DUNE AS VIEWED FROM THE ROAD



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 5. ALL LEVELS IN METRES RELATIVE TO ORDINANCE DATUM NEWLYN (ODN).
 6. TIDE INFORMATION RELATIVE TO ODN
MHSW 2.79m
MLWN 1.39m
MLWN -0.91m
MLWS -2.21m

RECEIVED
By Emma Kingwell at 1:57 pm, Jun 22, 2021

LEGEND:

Rev	Date	Description	Drawn	Check	Approv
P2	18SEP17	DRAWING AND NOTE AMENDMENTS	RH	MC	IC
P1	28/07/17	ISSUED FOR INFORMATION	MN	MC	IC

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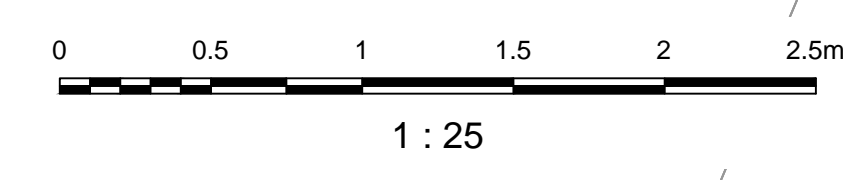
www.arcadis.com

TITLE:
BEACH ACCESS PLAN
PORTH MELLON

Designed	M. NEEDHAM	Signed	<i>M. Needham</i>	Date	18SEP17
Drawn	M. NEEDHAM	Signed	<i>M. Needham</i>	Date	18SEP17
Checked	M. CLAUSEN	Signed	<i>M. Clausen</i>	Date	18SEP17
Approved	I. COOKE	Signed	<i>I. Cooke</i>	Date	18SEP17
Scale:	1:25	Datum:	NEWLYN		
Original Size:	A1	Grid:	OS		
Suitability Code:	S2	Project Number:	UA00878		

Suitability Description:
ISSUED FOR INFORMATION

Drawing Number: UA00878-XX-XX-DR-CE-0322
Revision: P2



56 *

6.48

5

12000

1000

10

5

ROAD

A

B!

D!

A

B

B