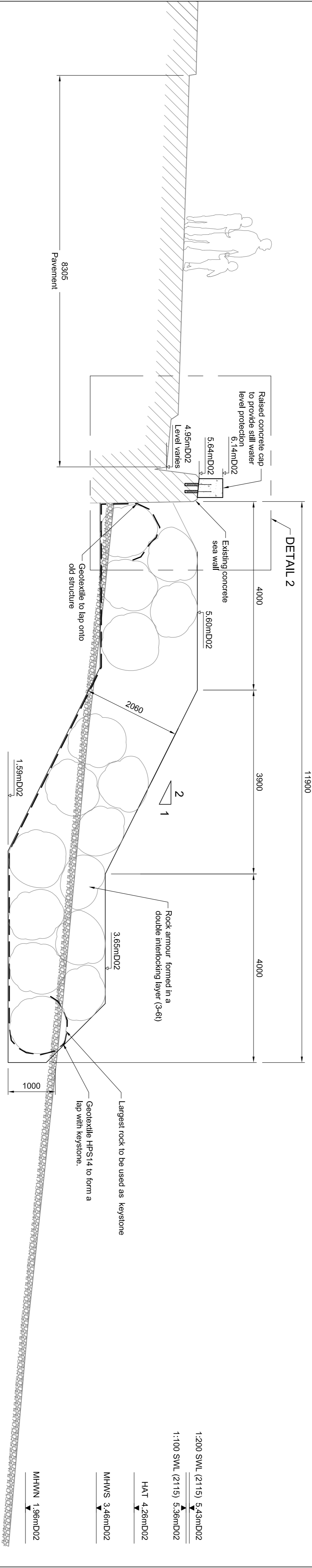


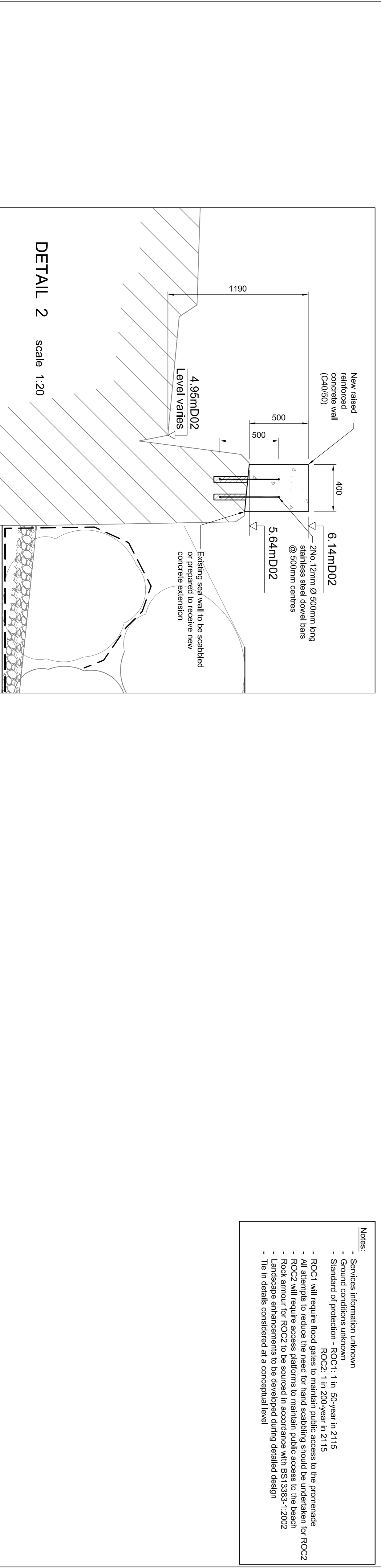
TYPICAL SECTION A-A
OPTION ROC1 - SET BACK WALL
scale 1:50

DETAIL 1 scale 1:20



TYPICAL SECTION A-A
OPTION ROC2 - ROCK REVETMENT
scale 1:50

DETAIL 2 scale 1:20



DETAIL 2 scale 1:20

- Notes:
- Services information unknown
 - Ground conditions unknown
 - Standard of protection - ROC1: 1 in 50-year in 2115
 - ROC2: 1 in 200-year in 2115
 - ROC1 will require flood gates to maintain public access to the promenade
 - All attempts to reduce the need for hand scabbling should be undertaken for ROC2
 - ROC2 will require access platforms to maintain public access to the beach
 - Rock armour for ROC2 to be sourced in accordance with BS13383-1:2002
 - Landscape enhancements to be developed during detailed design
 - The in details considered at a conceptual level

- Restricted access and egress through narrow streets around Ramsey
 - Working in an exposed coastal environment
 - Working at height
 - Unknown ground conditions
 - Unknown condition and structural capacity of existing sea wall
 - Services information currently unknown
 - Placement of rock armour
 - Public interaction with rock armour
 - Working adjacent to public right of way (promenade and harbour)
 - Minimum height of wall above ground level to be no less than 1.500m
 - Pollution hazards associated with working near the sea
 - Risk of damage to flora and fauna
- Environmental Risks
- In addition to the hazards/risks normally associated with the types of work detailed on this drawing take note of the above. It is assumed that all works detailed on this drawing will be carried out by a competent contractor working, where appropriate, to an appropriate method statement.
- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX
- General Notes
1. All dimensions shown are in millimetres unless otherwise stated
 2. Do not scale the drawing. Do not use dimensions. All dimensions must be checked/verified on site.
 3. Drawing to be read in conjunction with IOM-JBA-R-OC-CR-C-01
 4. All works affecting flood defences, main watercourses and/or ordinary watercourses will be subject to Consent for Permanent and Temporary Works under the Land Drainage Act 1991.
 5. The locations of any known services shown on drawing are approximate and for guidance only. The Contractor will confirm the location of any services prior to the commencement of any works.
 6. The electronic model of this drawing is not to be used for setting out.

Comments	Rev.:	Date	Drawn	Designed	Checked	Approved
	1:200 SWL (2115)	5.43mD02				
	1:100 SWL (2115)	5.36mD02				
	HAT	4.26mD02				
	MHS	3.46mD02				
	MHW	1.96mD02				

Rev.:	Date	Drawn	Designed	Checked	Approved
Rev.:	Date	Drawn	Designed	Checked	Approved
Rev.:	Date	Drawn	Designed	Checked	Approved
Rev.:	Date	Drawn	Designed	Checked	Approved

Client Approval	Rev.:	Date	Drawn	Designed	Checked	Approved
A - Approved						
B - Approved with Revisions						
C - Do Not Use						

Purpose of Issue	Status
Concept	Concept

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ISLE OF MAN GOVERNMENT - SEA DEFENCE OPTIONS

RAMSEY
OPEN COAST SECTIONS

for _____

ISLE OF MAN GOVERNMENT
DEPARTMENT OF INFRASTRUCTURE

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Scale:

As shown @ A1

Digital File Name: 2014S1359

Drawing Number: IOM-JBA-R-OC-DR-C-02

Drawn:	Designed:	Checked:	Approved:	Date:
M.J. Skinner	A. Dane	G. Kern	G. Kern	20/10/14
				10/10/14
				26/11/14
				27/11/14

Revision