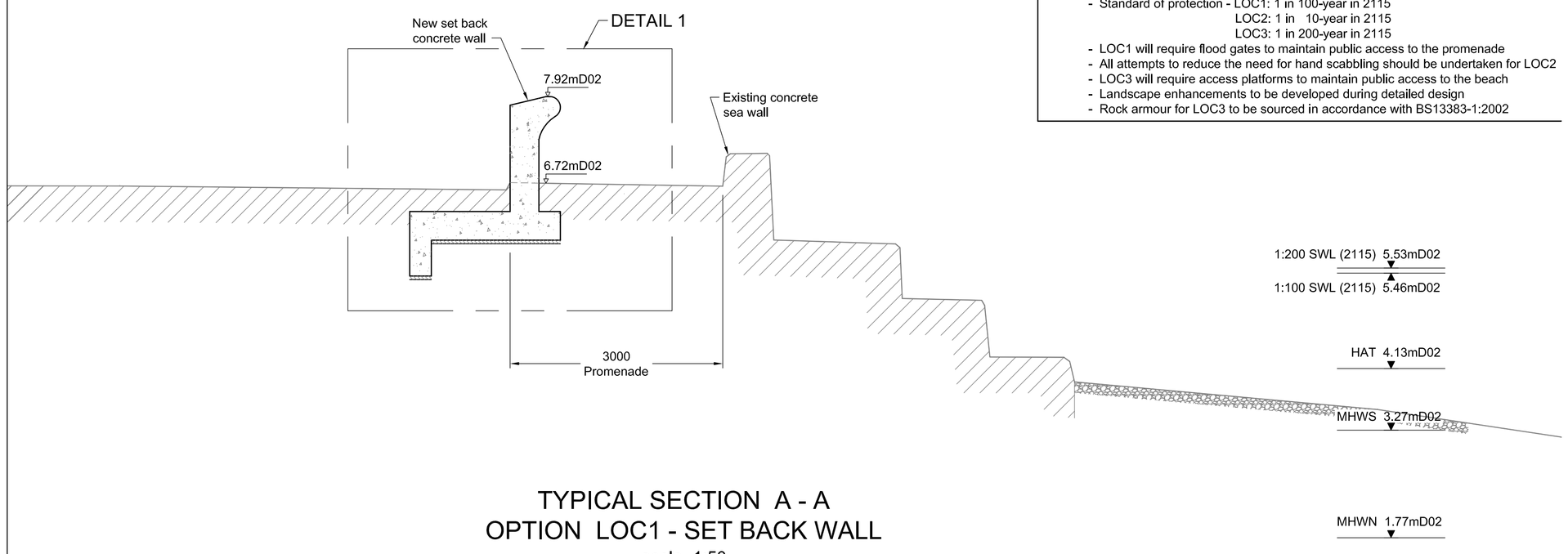
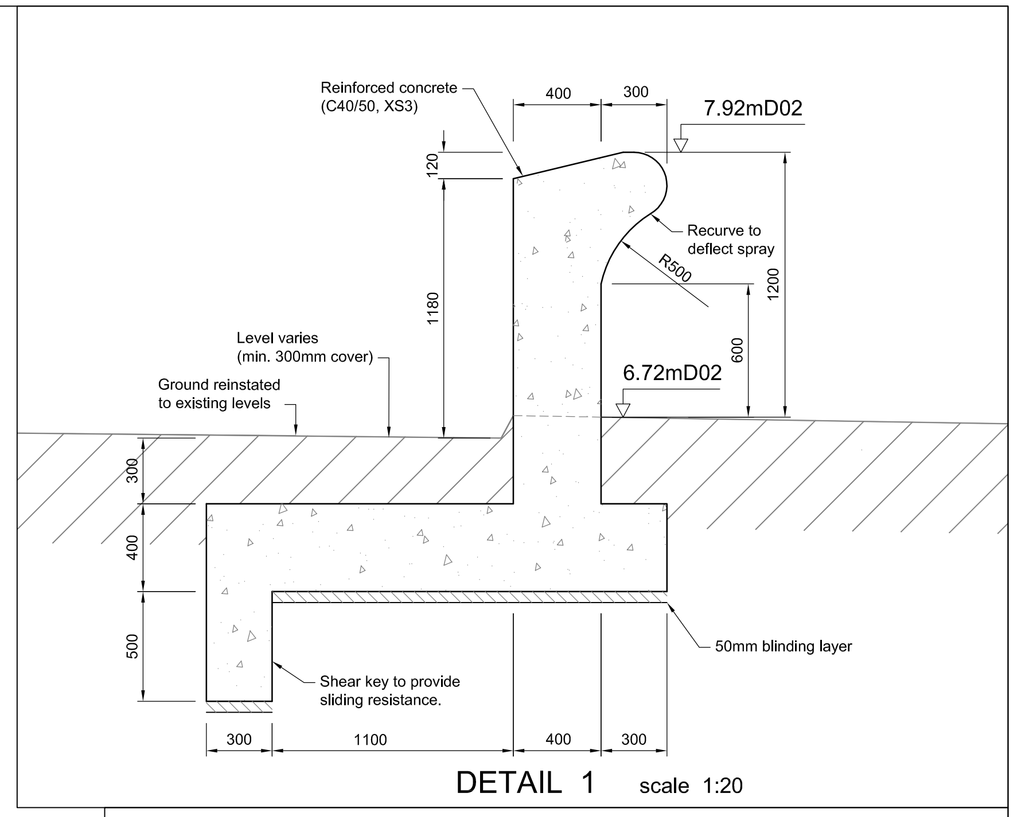
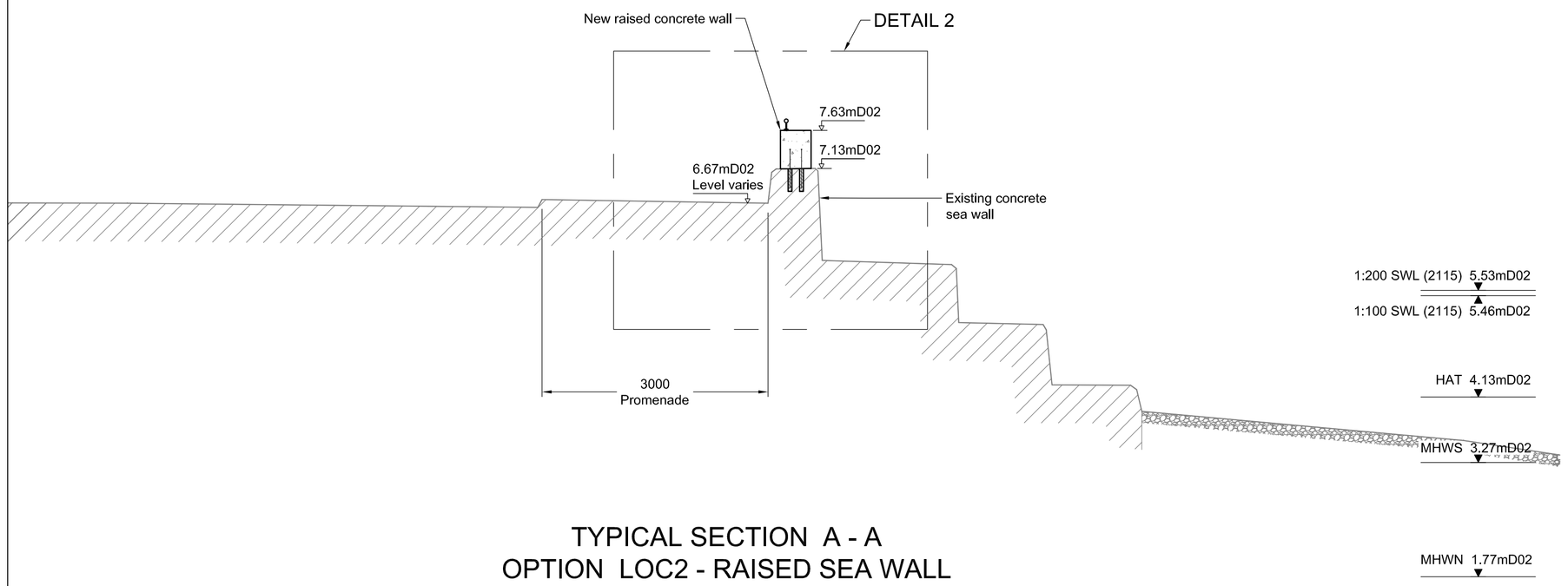
Notes:
- Services information unknown
- Ground conditions unknown
- Standard of protection - LOC1: 1 in 100-year in 2115
  LOC2: 1 in 10-year in 2115
  LOC3: 1 in 200-year in 2115
- LOC1 will require flood gates to maintain public access to the promenade
- All attempts to reduce the need for hand scabbling should be undertaken for LOC2
- LOC3 will require access platforms to maintain public access to the beach
- Landscape enhancements to be developed during detailed design
- Rock armour for LOC3 to be sourced in accordance with BS13383-1:2002



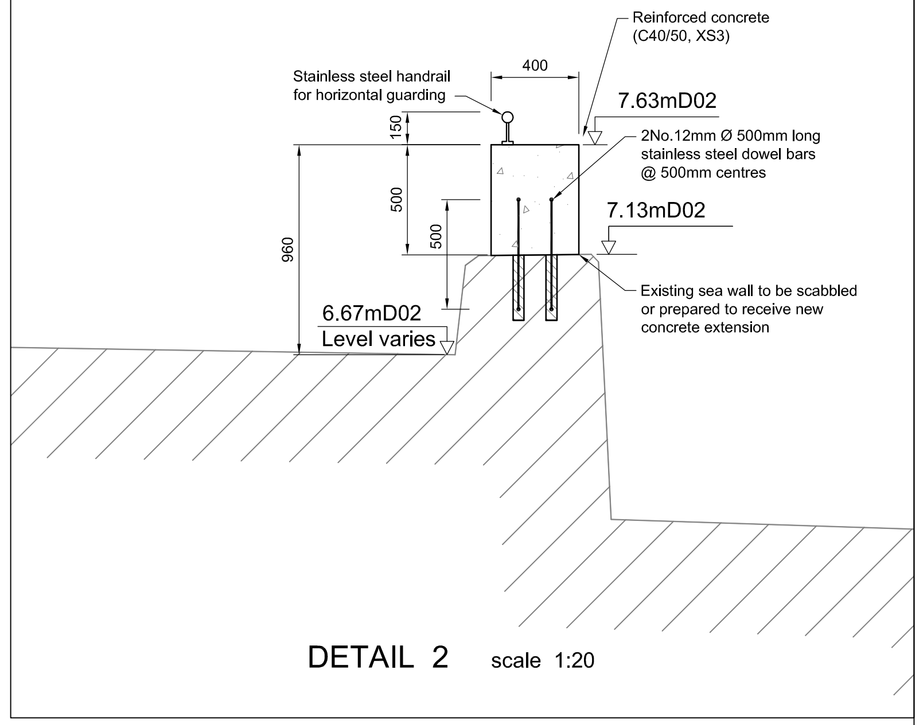
TYPICAL SECTION A - A
OPTION LOC1 - SET BACK WALL
scale 1:50



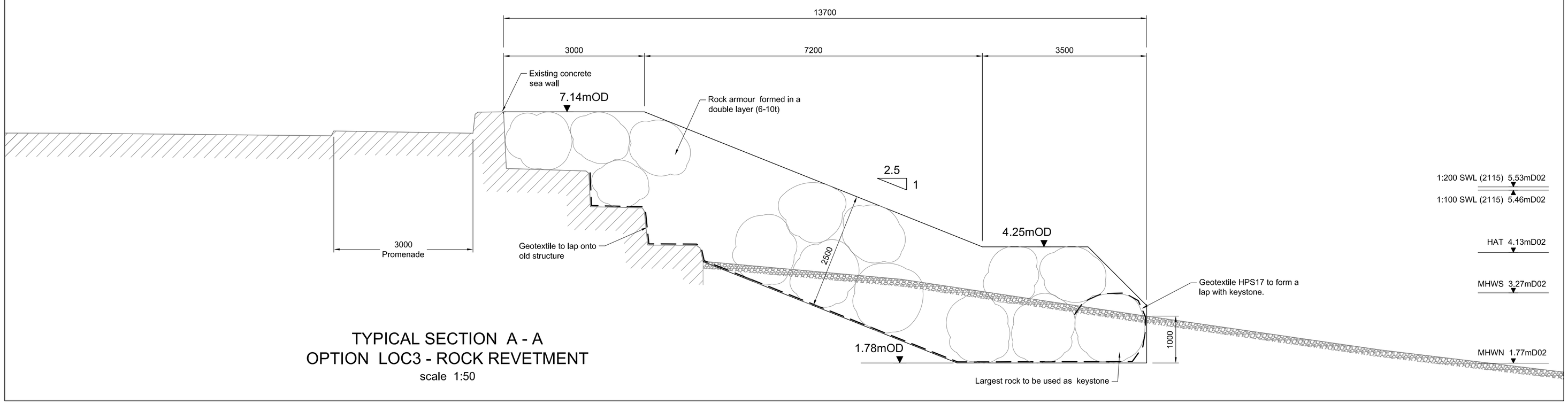
DETAIL 1 scale 1:20



TYPICAL SECTION A - A
OPTION LOC2 - RAISED SEA WALL
scale 1:50



DETAIL 2 scale 1:20



TYPICAL SECTION A - A
OPTION LOC3 - ROCK REVETMENT
scale 1:50

Construction Risks	Public Risks	Environmental Risks
• Restricted access and egress through narrow streets around Laxey • 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 • Scabbling for concrete extension • Placement of rock armour	• Public interaction with rock armour • Working adjacent to public right of way • Minimum height of wall above ground level to be no less than 1100mm	• Pollution hazards associated with working near the sea • Risk of damage to flora and fauna

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 and levels are in metres to Douglas02 Datum.
2. Do not scale from this drawing. All dimensions must be checked/verified on site.
3. Drawing to be read in conjunction with IoM-JBA-L-OC-DR-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.

Rev.:	Comments	Date	Drawn	Designed	Checked	Approved

Client Approval

	A - Approved
	B - Approved with Revisions
	C - Do Not Use

Purpose of Issue	Status
	Concept

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ISLE OF MAN GOVERNMENT - SEA DEFENCE OPTIONS

LAXEY
OPEN COAST SECTIONS

for

ISLE OF MAN GOVERNMENT
DEPARTMENT OF INFRASTRUCTURE

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Scale:			
As shown @ A1	Drawn:	M.J. Skinner	20/10/14
	Designed:	A. Dane	10/10/14
	Checked:	G. Kenn	26/11/14
	Approved:	G. Kenn	27/11/14

Digital File Name: 2014s1358

Drawing Number: IoM-JBA-L-OC-DR-C-02

Revision