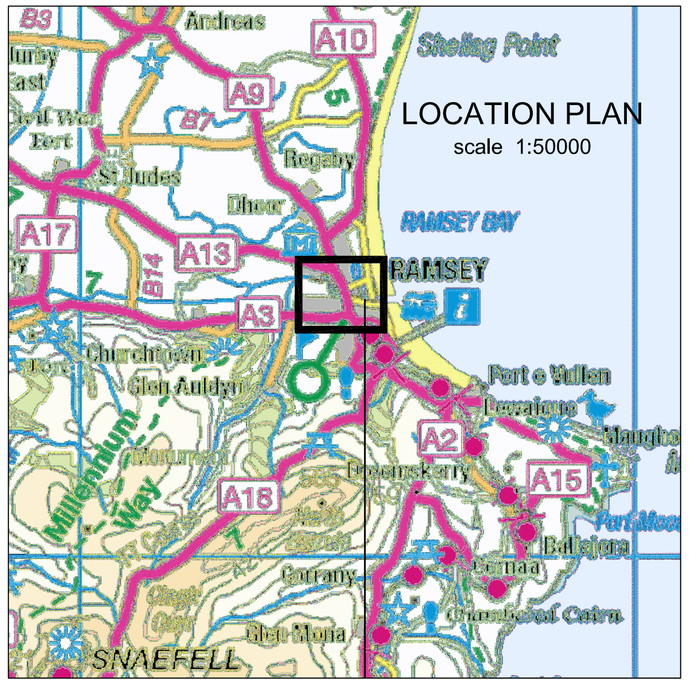
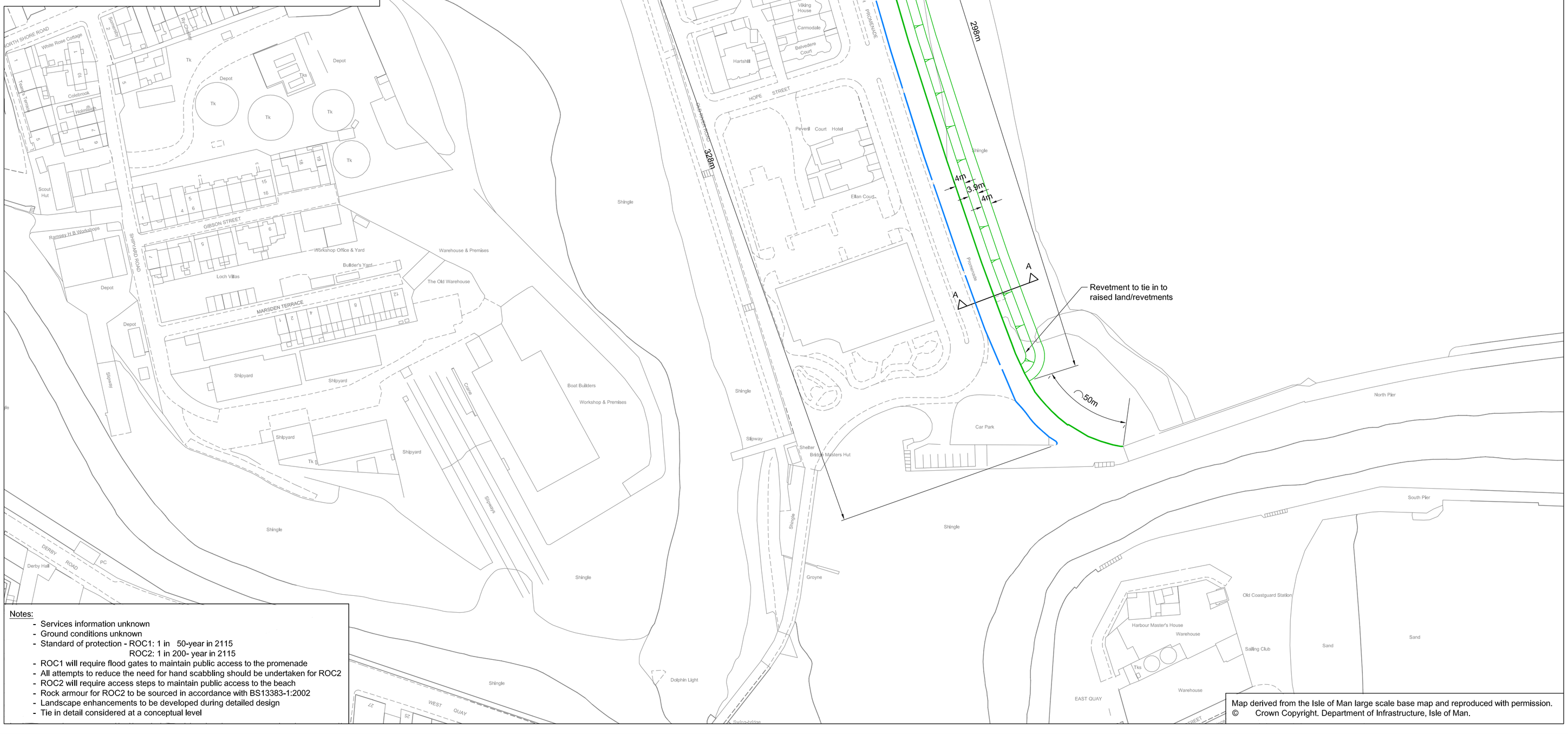



## KEY

- ROC1 - Set back wall
- ROC2 - Rock revetment




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 steps 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
- Tie in detail considered at a conceptual level

Map derived from the Isle of Man large scale base map and reproduced with permission.
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| Construction Risks | Public Risks | Environmental Risks |
|---|---|---|
| • Restricted access and egress through narrow streets around Ramsey<br>• Working in an exposed coastal environment<br>• Working at height<br>• Unknown ground conditions<br>• Unknown condition and structural capacity of existing sea wall<br>• Services Information currently unknown<br>• Placement of rock armour | • Public interaction with rock armour<br>• Working adjacent to public right of way (promenade and harbour)<br>• Minimum height of wall above ground level to be no less than 1100mm | • Pollution hazards associated with working near the sea<br>• 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 metres 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-R-OC-DR-C-02
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 |

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

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| | Comments | | | | | | | | |
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| Rev.: | 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

RAMSEY
OPEN COAST PLAN

for

ISLE OF MAN GOVERNMENT
DEPARTMENT OF INFRASTRUCTURE

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| Scale: | | | |
|---|---|---|---|
| 1:1000 @ 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-R-OC-DR-C-01

Revision