

# Requests for information – Minor Applications

## 1.4 Rettenmaier, 4 Childe St. CP17-009

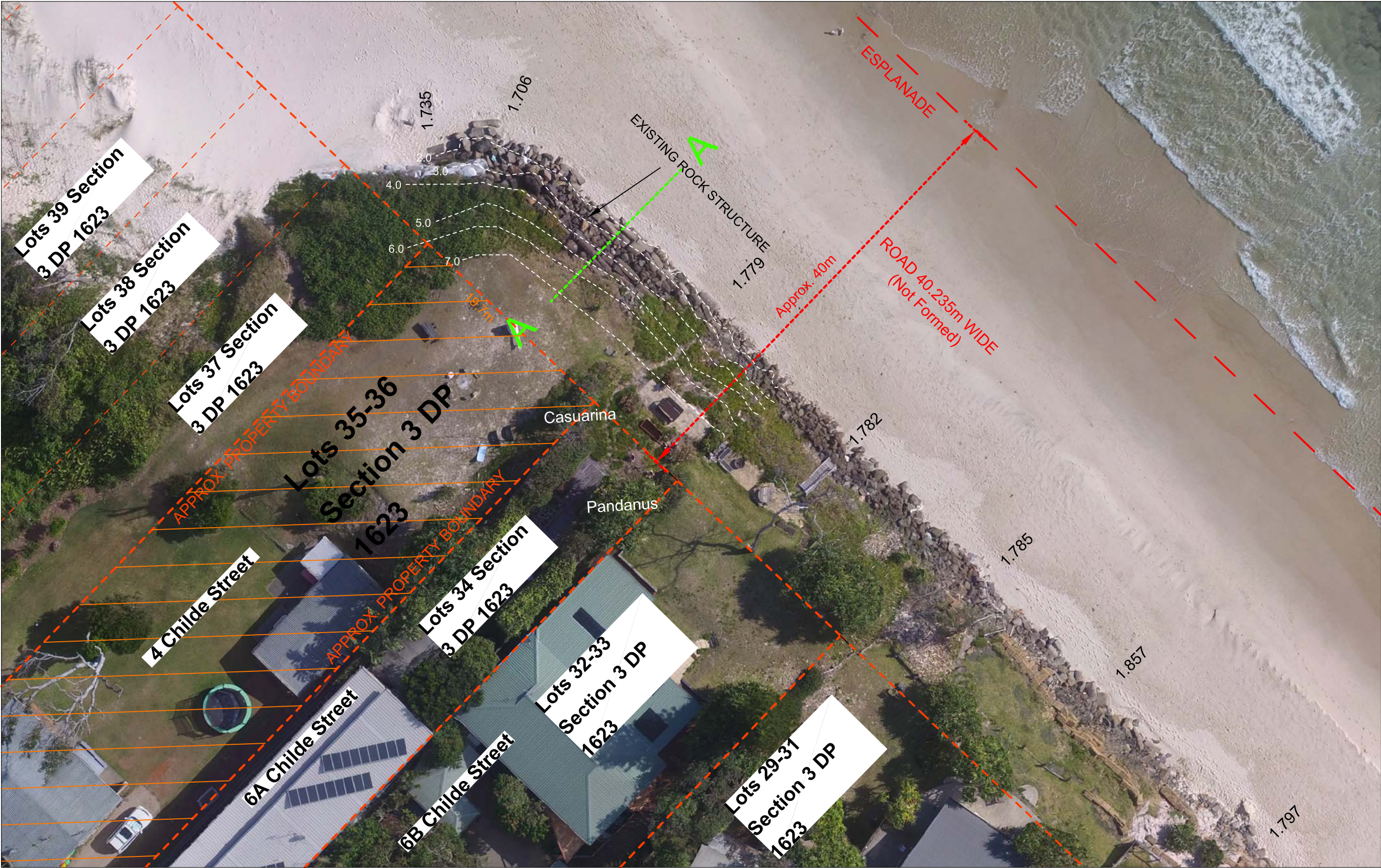
#	Request for information	Response
1.	A current survey indicating the heights of the current structure (the face of the wall "as is"), property boundaries, footprint of the proposed works and the current sand level	<p><b>We have already provided this information.</b> The details requested have been provided in the technical drawings previously provided:</p> <ul style="list-style-type: none"> <li>• height of current structure and face of wall: Drawing BSR-CS6-UW-003 shows these details. ICM have also added contours of the visible section of the seawall face of the wall in drawing BSR-CS6-UW-002 (Rev a - Attachment 1.4 A). Please note that these contours are smoothed in the drawing as the wall face is very rough with 20-30% voids between large boulders.</li> <li>• property boundaries: Drawing BSR-CS6-UW-002 and 003 show these details. The seaward boundary and corners will be pegged before repairs are commenced.</li> <li>• footprint of the proposed works: BSR-CS6-UW-005</li> <li>• existing sand level: BSR-CS6-UW-002 &amp; 003 show beach sand levels at the wall as at 13/10/16 (post June 2016 storms) and there has been a slight increase in sand (about 0.5m) since that date to 17/1/18.</li> </ul>
2.	Any photographic and other information used to identify the nature and location of the existing structure(s)	<p><b>We have already provided this information.</b> In particular, representative photos have been provided in, but not limited to, the following:</p> <ul style="list-style-type: none"> <li>• the August 2017 ICM Report (Figures 2,6 &amp; 7) provided for this property with the DA submission</li> <li>• the drawings (BSR-CS6-UW-002 &amp; 003)</li> <li>• In the January 2017 DA submission and further information provided for the major repairs to this property.</li> </ul>
3.	Further detail on the volume, nature and composition of rocks to be imported	<p><b>We have already provided this information.</b> (ICM Report August 17 Section 4). The rocks to be imported:</p> <ul style="list-style-type: none"> <li>• Volume; 24t</li> <li>• Nature; Sound quarried rock</li> <li>• Composition; Basalt and / greywacke</li> </ul>
4.	Grading and specifications of the existing layer of primary armour stone	<p><b>As per previous advice</b> (ICM Report August 2017 Section 3), the wall was constructed with sound (unfractured) primary armour with 50% of the rocks in the primary layer to be greater than the average of the weight range specified (1.5-5t). As per previous advice (ICM Report August 2017 Section 3), the wall is substantially</p>

		unchanged except that "some of the rocks now exposed on the seaward face are smaller than 1.5t."
5.	Details as to whether any rocks or other materials forming part of the existing structure	No rocks or other materials are to be removed from site.
6.	Confirmation that no works are proposed below 2m AHD	<b>As per ICM Report August 2017</b> (Section 7) the repair works will be limited to above beach level with no excavation on the beach. The present beach level is about 2m AHD
7.	Confirmation that the crest height of the existing structure will not increase as a result of the proposed works	<b>We have previously provided this detail.</b> (Drawings ICM Report August 2017 Section 7). The urgent works requested will restack the primary armour layer above sand level to present crest level.
8.	<p>Please provide</p> <p>a. a full (signed and dated) copy of the design and "as constructed" drawings for the 1999 works; and</p> <p>b. a legible and dated A3 copy of the "Canty survey" provided in the DA materials.</p>	<p>a. <b>We have already provided you with a copy.</b> A signed copy of this design is attached as Attachment 1.4 B</p> <p>b. BSR-CS6-UW-007 has been attached to show the Canty survey more clearly. (Rev a - Attachment 1.4 C)</p>

## **ATTACHMENT 1.4 A**

CS6-UW-002 (Rev a)





SITE PLAN

LOCALITY PLAN

- NOTES
- Cadastral Data from NSW Globe KML for Google Earth, NSW Land & Property Information
  - Contours from 13th October 2016 Survey
    - 1m contour intervals
  - NOTE: Caution must be taken when interpreting interpolative contours as they do not reflect the void ratio or roughness factor of the boulder wall, landscaping or vegetation.

- LEGEND
- Approximate Property Boundary
  - X-Section
  - Contours (1m Intervals)

VERTICAL DATUM: AHD		HORIZONTAL DATUM: -		
REVISION REGISTER				
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
A	18/01/18	Added contours and trees	SK	AJ
REV.NO.	DATE	DESCRIPTION	BY	ENG.
				APP.



International Coastal Management

OFFICE 50G 1 MacArthur Parade, Main Beach, 4217, QLD, Australia  
POST PO Box 306, Main Beach LPO, Main Beach QLD 4217, Australia  
TELEPHONE +61 7 55640564 FAX +61 7 55329147  
WEBSITE www.coastalmanagement.com.au

PROJECT NAME  
BELONGIL SEAWALL REPAIRS

DRAWING TITLE  
PLAN VIEW (PRESENT)

DRAWING No. BSR - CS6 - UW - 002		REVISION: A
DRAWN : SK	CHECKED AJ	APPROVED AJ
SIZE: A3		RPEQ 2876
SCALE: A3		DATE: 18 Jan, 2018

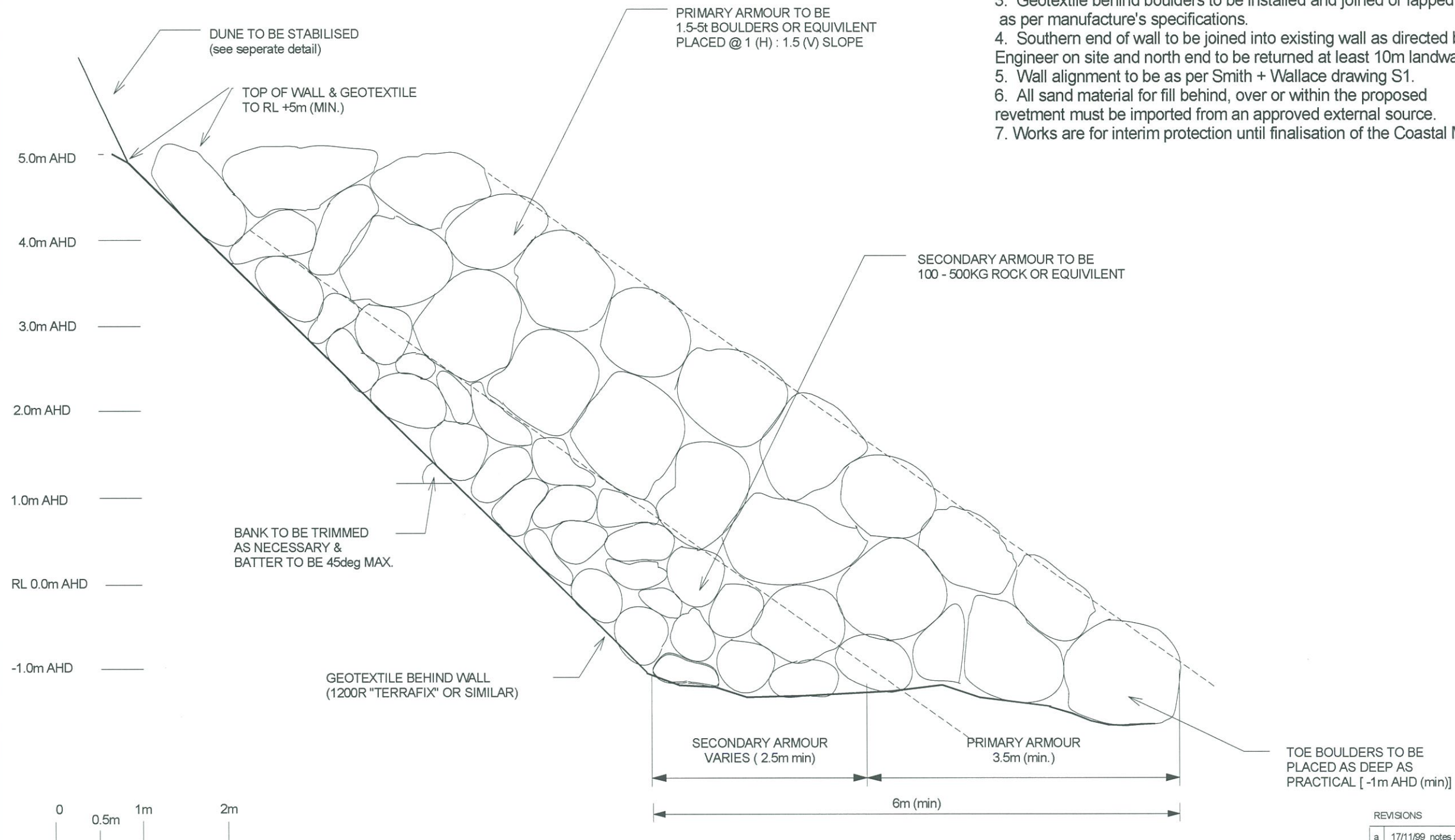


## **ATTACHMENT 1.4 B**

1999 Design Drawing - signed

# NOTES:

1. Rock to be as per min. weights specified and not to be fractured during quarring or placement.
2. Rock sizes to be such that at least 50% of rocks in each layer are greater than the average of the weight range specified. ie:-  
for primary armour (1.5t - 5t) at least 50% of rock by weight >3.25t  
for secondary armour (100kg - 500kg) at least 50% of rock by weight >300kg
3. Geotextile behind boulders to be installed and joined or lapped as per manufacture's specifications.
4. Southern end of wall to be joined into existing wall as directed by Engineer on site and north end to be returned at least 10m landward.
5. Wall alignment to be as per Smith + Wallace drawing S1.
6. All sand material for fill behind, over or within the proposed revetment must be imported from an approved external source.
7. Works are for interim protection until finalisation of the Coastal Management Plan.



## REVISIONS

a	17/11/99	notes amended
b	28/1/00	rock proportions added to note 2 additional note 7 added "Interim" added to title
c	5/06/00	extended to include lots 27-36

## INTERNATIONAL COASTAL MANAGEMENT

COASTAL ENGINEERING CONSULTANTS

P.O.BOX 7196  
GOLD COAST MAIL CENTRE  
AUSTRALIA 9726

PH. 07 5564 0564  
PH/FAX 07 5532 9147  
EMAIL [icm@onthenet.com.au](mailto:icm@onthenet.com.au)

## INTERIM EROSION PROTECTION WORKS

LOTS 27-36, S3, DP 1623  
BELONGIL

DESIGNED BY:  
A. JACKSON  
BE, CPENG, MIE

SCALE  
AS SHOWN

DATE  
28/10/99

SHEET

APPROVED  
*[Signature]*

DRAWING N°  
BB-31/38-99-01

TYPICAL  
X-SECTION

REV.  
c

**ATTACHMENT 1.4 C**

BSR-CS6-UW-007 (Rev a)

