10.11 Ballina Breakwall - North Wall.DOC



DOC13/135834 11/12758-04

General Manager Ballina Shire Council PO Box 450, BALLINA NSW 2478

Dear Sir

Proposed Viewing Platform on Ballina North Breakwater

I refer to recent communications between the Crown Lands Division and Council concerning the impact on views of recent works on the Ballina North Breakwater. A number of options were considered to address the concerns raised by Council. As agreed Crown Lands has prepared draft drawings detailing the preferred solution, to raise the crest level of the northern breakwater at Ballina to improve conditions for site seeing at the end of the wall.

A copy of the drawings presenting the proposed design is attached for your consideration. It would be appreciated if Council could review the draft drawings and provide any comment.

The proposed rock fill has not been designed to withstand the overtopping caused by large ocean storm swells. Consequently, it is likely that the rock fill will erode and disperse following ocean storm events. Ongoing maintenance of the crest will be required to make safe and meet community expectations.

It is not feasible to raise the crest height of the existing breakwater to a level at which rates of overtopping are considered safe for pedestrians. Hence there will be an ongoing risk to the public using the breakwater during overtopping events unless access to the end of the wall is controlled.

The cost of the proposed work is estimated at \$120,000 (ex GST). The department will cover this cost from the "Coastal Infrastructure Repairs to Maritime Assets on Crown Lands Program".

Crown Lands wish to discuss with Council arrangements to fund the works and maintain the viewing area and provide safe public access in a cost effective manner.

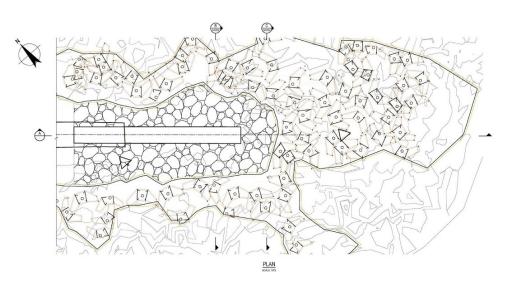
Should you require further information regarding the above please contact the Mr Stephen Wills, Director Infrastructure and Land Management on 02 4920 5049.

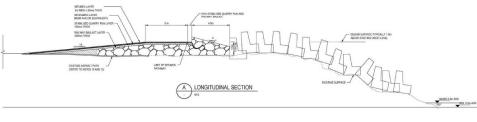
Yours sincerely

Stephen Wills Director, Infrastructure and Land Management Crown Lands Division

Date:

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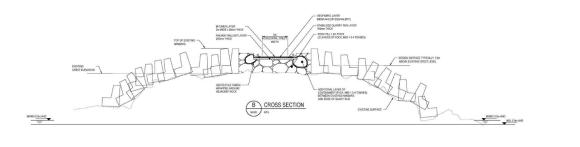


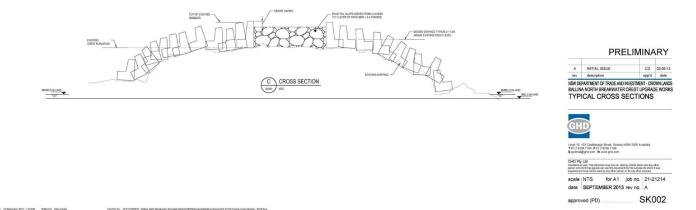




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