

Natural Environment Referral Response - Coastal

Application Number:	DA2020/1639
Date:	15/01/2021
Responsible Officer	Kelsey Wilkes
Land to be developed (Address):	Lot A DP 27567 , 158 Crescent Road NEWPORT NSW 2106 Lot LIC 316068 , 158 Crescent Road NEWPORT NSW 2106

Reasons for referral

This application seeks consent for land located within the Coastal Zone.

And as such, Council's Natural Environment Unit officers are required to consider the likely impacts on drainage regimes.

Officer comments

The application is REFUSED for lack of information.

The applicant has proposed construction of a seawall and as per the requirements of the Section 27 of the Coastal Management Act 2016, it has to assessed and demonstrated that the proposed work will not pose or likely to pose a threat to public safety over the life of the works.

The application has described in detail the design of the seawall and addressed the Section 27 of the Coastal Management Act 2016 through the Statement of Environmental Effects (SEE) Report and the Geotechnical letter. The Geotechnical Letter has described ' in our opinion the risk of instability in the slope will be reduced by the construction of the seawall provided good engineering and building practices are followed and if the recommendations above are undertaken the likelihood of the slope falling and impacting on the subject property is assessed as being on 'Acceptable Risk Level'. This is acceptable from geotechnical perspective.

However, as the subject property is known to be affected by Estuarine Hazard, it has be assessed that design life of the sea wall can withstand the impact of the coastal process dynamics with rising sea level. This needs to be assessed and justified through a Risk Management Report.

A Risk Management Report should consider development constraints, including an assessment of the degree of inundation considering rising sea level at the design life of the seawall, effects of wave action, impacts of waterborne debris, buoyancy effects, and other emergency issues . The report should also contain recommendations as to any reasonable and practical measures that can be undertaken to remove foreseeable risk for the design life of the development.

This report must be prepared by a specialist coastal engineer who is a registered professional engineer with chartered professional status (CP Eng) and with coastal engineering as a core competency and has an appropriate level of professional indemnity insurance.

The DA will be further assessed on receipt of the Risk Management Report.

The proposal is therefore unsupported.

Note: Should you have any concerns with the referral comments above, please discuss these with the Responsible Officer.

Recommended Natural Environment Conditions:

Nil.