

A Coastal Risk Management Report is to be submitted for all development on land that is seaward of the 2100 Hazard Line. This report is to be prepared by suitably qualified coastal engineering and structural engineering consultants (as defined under “Definitions in section B25 of the DCP) and must consider and address the following:

1. Coastal Hazard Zones
 - The location of the development relevant to the back-beach coastal erosion escarpment
 - the location of the development relevant to the coastal hazard zones
2. Risks due to the impact of coastal hazards on the land and building(s), including an assessment of the degree of inundation, hazard level, impacts of waterborne debris and overtopping waves, buoyancy effects, evacuation and other emergency issues during the design storm event (100 ARI event).
3. An assessment of the zone of reduced foundation capacity as it applies to the progression of the coastal erosion escarpment towards the subject land.
4. Compliance with the Development Controls (refer section B25 of DCP).
5. Recommendations for the structural design and construction of the total development, including foundation design, protection measures and the structural status of any existing structures to be retained (where existing structures to be retained include approved coastline protection structures, these must be certified as being structurally adequate for withstanding a design storm event). Refer to Section 55M of the *Coastal Protection Act, 1979*.
6. Recommendations on the monitoring and maintenance of all coastal protection and hazard mitigation measures proposed for the total development (including any existing structures to be retained) for the life of the development (taken to be 50 years unless specified otherwise and justified).
7. Recommendations on all measures and precautions to minimise risk to personal safety of occupants and the risk of property damage for the total development (including any existing structures to be retained) to address the impacts on the site for the design storm event (100 ARI event) for the life of the development (taken to be 50 years unless specified otherwise and justified).
8. Specify architectural/engineering plans on which the assessment is based.
9. Specify date/s of inspection.
10. Specify professional qualifications and experience of the authors