



Existing seawall to be replaced.

INFO:

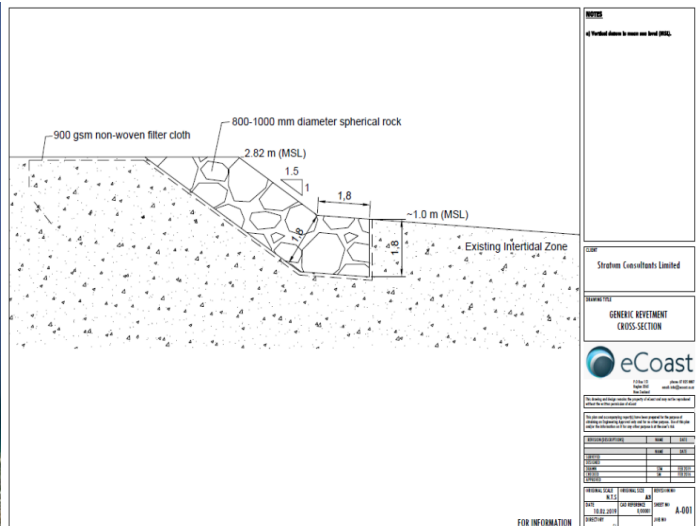
Location: Tauranga, New Zealand
Client: Seahorse Beach Investments
Project Date: 2018

SCOPE OF SERVICES:

- Geotechnical Investigation
- Coastal Hazard Assessment
- Extreme Wave Analysis
- Seawall Crest Level Assessment

PROJECT DESCRIPTION:

eCoast was contracted by Stratum Consultants Ltd to provide an engineering design to replace a damaged seawall. A geotechnical site investigation was carried out to determine the underlying soil. The protocol for hazard assessment set out in the New Zealand Ministry for the Environment’s publication, “Coastal hazards and climate change: Guidance for local government. (MfE, 2017)”, was applied to the project site. A coastal hazard assessment provided the information required to determine the appropriate engineering design and strengths. The appropriate engineering design was provided out in a report.



Left- Fetch limited coastal hazard assessment. Right – Proposed engineering design to replace existing seawall