

From: DYPXCPWEB@northernbeaches.nsw.gov.au
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07/10/2021

MR Michael Priddis
48 Ocean view road RD
Freshwater NSW 2096
[REDACTED]

RE: DA2021/1612 - 1 Clarke Street NARRABEEN NSW 2101

Re Sea wall in Collaroy: I did a university thesis on sea walls in the UK in the 90's and studied geomorphology and it is globally researched and proven that sea walls send the sea's energy down the wall to the exposed area immediately after, where it has a compounded and increased effect.

Sea walls are not effective at protecting the coast, only that part immediately behind the wall.

Sea walls are destructive overall.

It would be much better for Council to stop this construction and explore one of a range of other measures, e.g. boulders that absorb some of the sea's energy in the spaces between, slanted walls - if there must be a wall - or, far far better, in-ocean sunken barriers eg artificial reefs that a) absorb more storm energy b) create a new environment for marine life and c) if they're well designed and the right distance off shore provide reef-like surf conditions above the surface.

Each of these examples are well documented worldwide.