

US Army Corps
of Engineers®
New York District



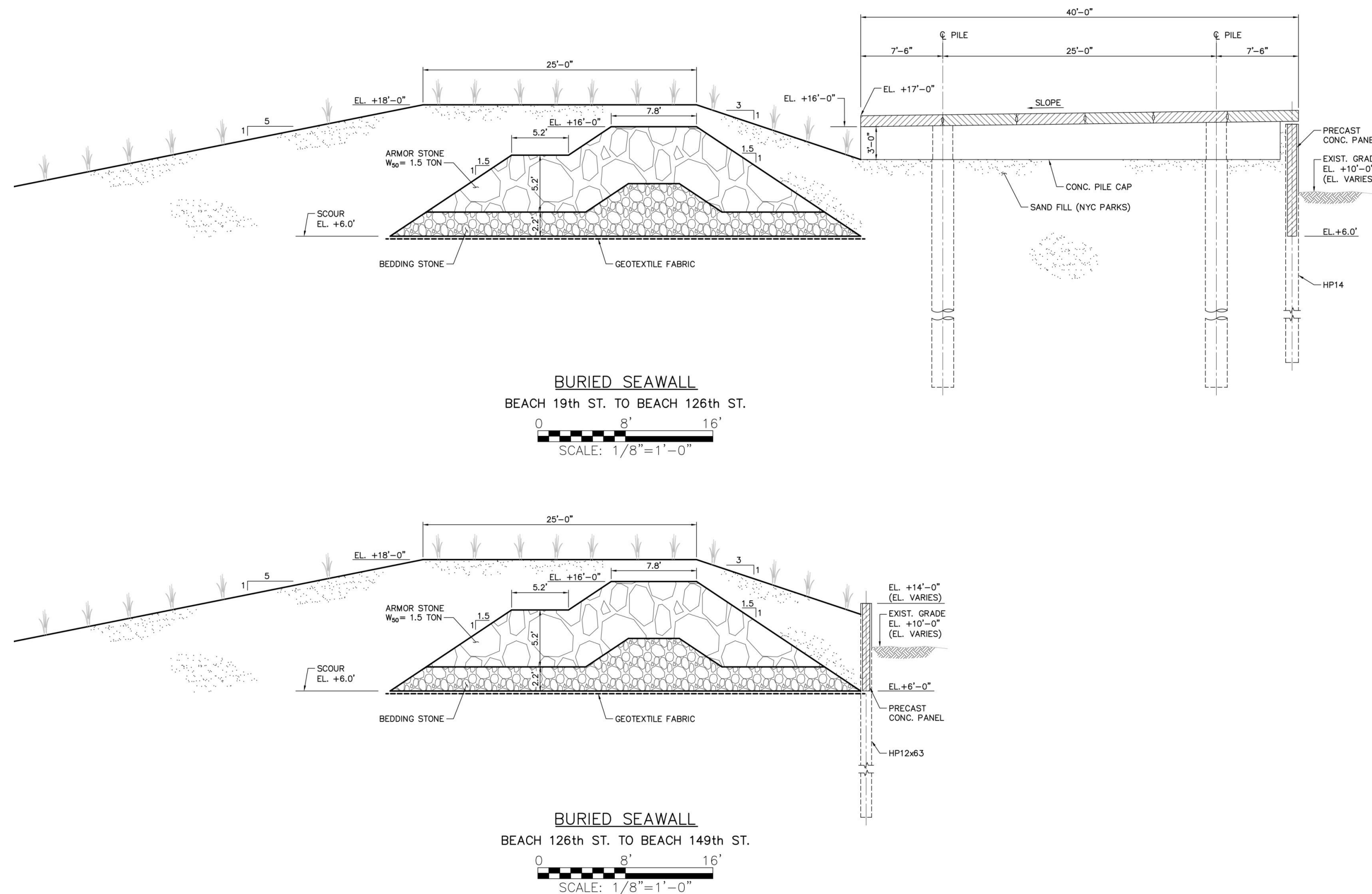
Dune Reinforcement

The Study Team is assessing the feasibility of reinforcing the dune (in Alternatives 1, 2 and 3)

Two buried seawall alternatives are being analyzed.

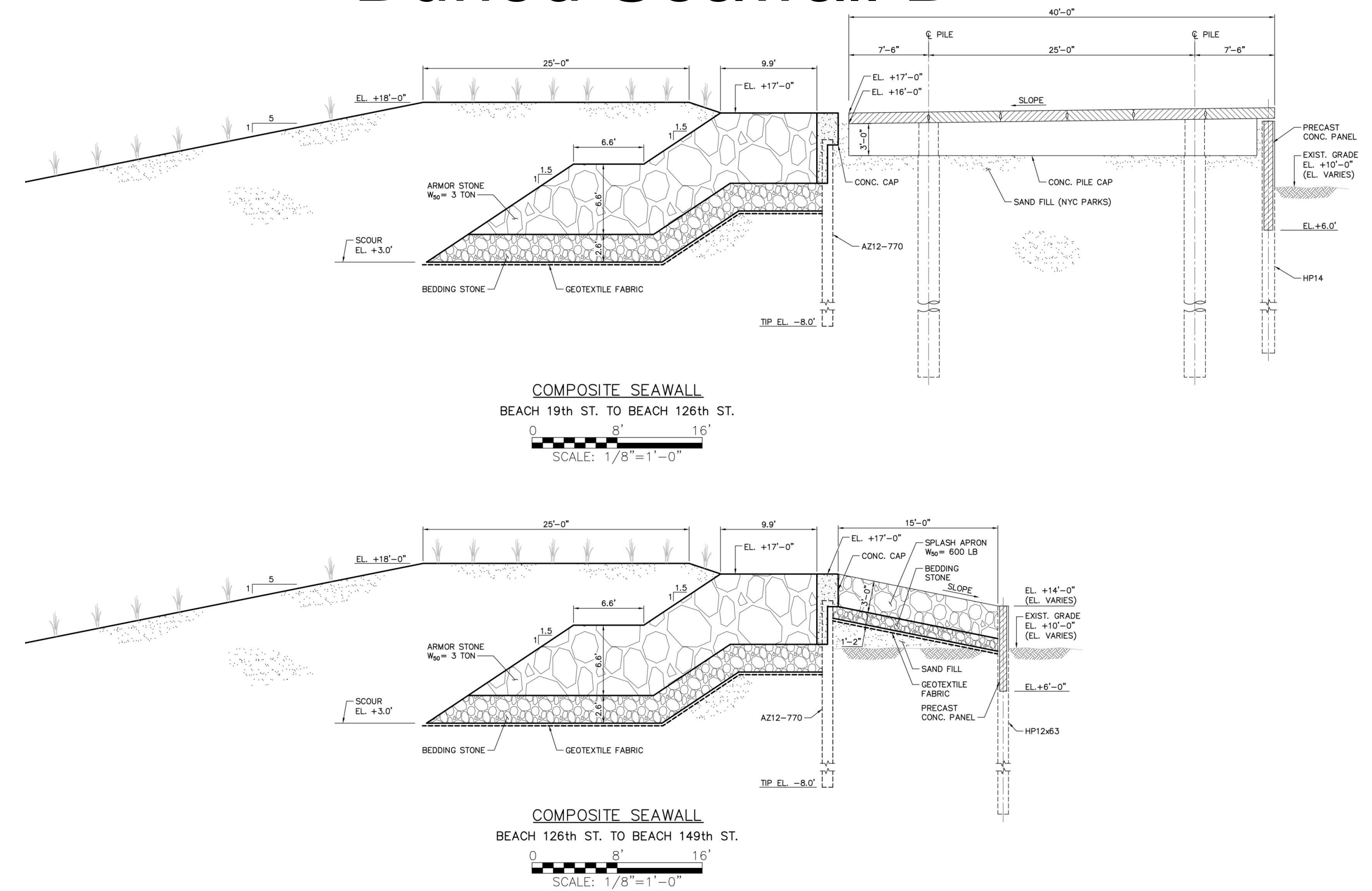
These are being considered for the entire length of shoreline, or only in certain segments.

Buried Seawall A



- Designed to reduce wave impact
- Can be built in segments
- Smaller rock size; unobtrusive (fully buried)
- Estimated 100 year level of protection with beach berm

Buried Seawall B



- Designed to reduce wave impact and inundation
- Incorporates steel sheet pile and larger stone size
- Should be contiguous for entire project
- Estimated 150 year level of protection with beach berm