

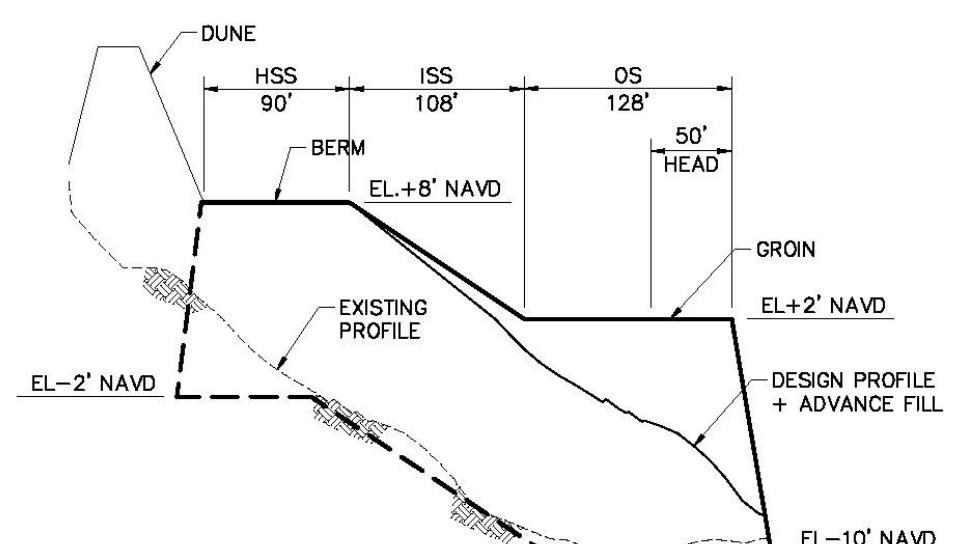


US Army Corps  
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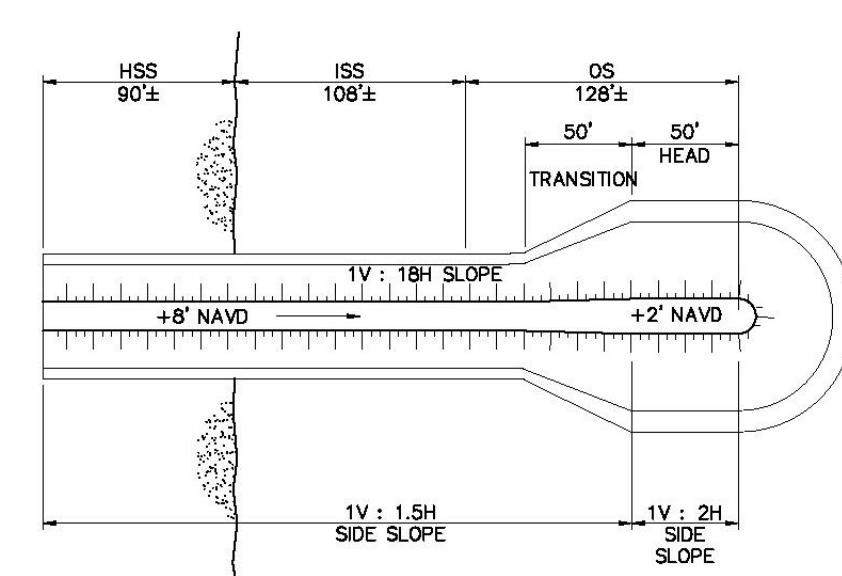
# Map of Atlantic Coast Alternative 3 (Beach Restoration and Increased Erosion Control)



- All beach berm and dune elements of Alternative 1
- Construction of 12 new groins between Beach 90th to Beach 122<sup>nd</sup>
- Enhancement of existing groin field from Beach 36th to Beach 49th (extending groins) and new groin at Beach 34<sup>th</sup>



Typical groin section



Typical groin layout

## Groin Construction

34th St new groin - 526 ft
37th St extend groin - 175 ft
40th St extend groin - 200 ft
43rd St extend groin - 75 ft
46th St extend groin - 150 ft
49th St extend groin - 200 ft
92nd St new groin - 326 ft
95th St new groin - 326 ft
98th St new groin - 326 ft
101st St new groin - 326 ft
104th St new groin - 326 ft
106th St new groin - 326 ft
108th St new groin - 326 ft
110th St new groin - 351 ft
113th St new groin - 376 ft
115th St new groin - 376 ft
118th St new groin - 376 ft
121st St new groin - 326 ft