

Terragone Engineering Offering Seawall Design Services For Hurricane Nicole Damage In Daytona Beach Florida

Terragone Engineering is an established and experienced Seawall Engineer Firm based in Jensen Beach Florida that specializes in the design of seawalls and docks to withstand maximum forces like hurricanes.



Daytona Beach, Florida Nov 15, 2022 (Issuewire.com) - Seawall damage near [Daytona Beach Florida](#) from Hurricane Nicole is unfortunate.

Quality matters when a Seawall meets maximum design service conditions during a storm or hurricane. When a Seawall fails, it's not always because of the storm, it is because of the design and the construction of the Seawall.

Not all Seawalls are built equally, flimsy, underdesigned, and poorly built Seawalls fail much more often compared to well-designed, and well-built Seawalls.

Many Seawalls are being built and repaired with cost as the only consideration in the [Daytona Beach Florida](#) area. This is a big mistake.

Poorly designed and poorly engineered Seawalls will fall apart in another "Big Event Storm" somewhere down the road. This is unnecessary!

Seawalls can and should be designed with maximum service conditions in mind.

These maximum service conditions should be defined by your engineer and contractor before any contracts are signed.

Performance criteria include future toe erosion, the height of the seawall, wave height, and water impact, and what is expected of the Seawall to defend its property.

Using a very qualified engineer with years of experience in the Seawall design and construction industry can help.

There are a lot of inexperienced engineers in the [Daytona Beach](#) area after damage caused by Hurricane Nicole recently trying to design Seawalls, many have designed none or only a few Seawalls in their careers, and should be approached with caution.

Homeowners and business owners should look for engineers with many years of expertise and experience to get a Seawall designed right, designed well, and a Seawall that can be relied on.

Engineers should have the education and experience in designing strong, durable, and cost-effective designs. Poor engineering will result in very expensive overdesign or very expensive under-design.

Use only contractors willing to discuss needs and requirements first, then tailor solutions around that.

Many contractors near [Daytona Beach](#) are undercutting pricing, and putting in "That Should Be Good Enough Seawalls" which are a terrible waste of money.

In the short term, use a contractor that will put in temporary protection that can be converted into permanent solutions, otherwise, money is being wasted and thrown into the sea.

When making a decision on hiring an engineer to design your Seawall make sure that they discuss the latest technology in Seawall design & construction considerations. Some of these considerations should include:

How long do you want the Seawall to perform? 35 years, 50? 75 or more?

How big does the wall need to be, for the maximum service conditions the Seawall will experience?

What is the expected erosion of the toe, inundation, and wave impact, what's on top of the wall?

What types of Seawall materials should you use, corrosion-resistant, composites, vinyl, concrete/vinyl hybrid, steel, or exposed concrete?

Are Seawall components susceptible to corrosion, tie rods, or internal steel?

Please remember that "Quality" is your best defense when it comes to Seawalls!

[Terragone Engineering](#)

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[Terragone Engineering](#) has built hundreds of Seawalls in Florida and is very experienced in utilizing the latest technologies to provide high-strength very long life Seawalls near Daytona Beach Florida.

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