

## White Paper

### Seawall Manufacturing in Residential Neighborhoods

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Marco Island currently allows seawall contractors to manufacture concrete seawall panels on vacant lots in residential neighborhoods. These panels are then used to build a seawall on the lot where they are manufactured or transported to the lot where they are used.

#### The Process

The seawall manufacturing process consists of setting up a series of concrete forms. Concrete is then brought to the island in bulk and poured into the forms. To save space, the forms are usually stacked. Each layer of forms is filled with concrete and then the concrete is allowed to harden. A new layer of forms is placed on top of the previous layer and the process is repeated multiple times. Several days are required for each time that the process is repeated. After the last layer of forms has been poured, several additional days are required to allow the forms to cure to the required hardness.

Seawall contractors must obtain a staging permit before commencing any work on manufacturing the panels. The staging permit is for a limited period and the contractor must vacate the lot before expiration of the permit or any extensions.

#### The Impact

There is a negative impact to our residential neighborhoods as a result of the seawall manufacturing process. This negative impact is significantly increased when seawall contractors violate the restrictions imposed by the seawall staging permit process. This paper will review the Process and the Impact and suggest alternatives which may improve our residential neighborhoods.