

TMS Maritime is a leading UK specialist in marine civil engineering, ancillary floating plant and diving services

Client: **Cavanna Homes**

October 2014

Project: **Flood Defences**

Requirement:

Construction of flood wall defences at Cavanna Homes new development at The Boatyard, Oreston, Plymouth.



Solution:

The contract required **TMS Maritime** to repair a bulging, misaligned existing random stone and sheet pile sea wall, which had been breached during heavy storms in early 2014 and was in danger of collapsing. The repaired wall was then tied back into bedrock with 3 metre ties inserted diagonally for additional strength.

A total of 117 metres of new sheet piles were then installed, together with two different heights of pre-cast concrete units, to achieve a common level: sufficient to protect the development from future anticipated storm surges from the adjacent River Plym.

