



DYER & BUTLER

## Case Study

### Atlantic College Sea Wall



THE SUCCESS OF THE PROJECT WAS FOUNDED ON DETAILED PLANNING AND SOLID WORKING RELATIONSHIPS WITH THE CLIENT AND CONSULTANT.



Client: Atlantic College

Duration: November 2007 - April 2008

Location: St Donats, South Wales

Form of Contract: NEC3 Option A

Value: £830,000

Civil Engineering and Building

## CASE STUDY

### ATLANTIC COLLEGE SEA WALL REPAIRS

- Major damage was sustained by the sea defence wall during the storms in December 2006.
- The project involved the excavation of material behind the primary defence wall to locate large voids.
- Over 1,000m<sup>3</sup> of material was excavated and recycled as fill material inside a geotextile membrane.
- Reinforced concrete works to repair a large breach in the primary wall and to raise its level, prior to casting a reinforced concrete wave return beam.
- Over 200m<sup>2</sup> of limestone stone facing was laid to match the existing wall, using Cintec anchors to increase the lifespan of the facing work.

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Multi-disciplinary teams ensure efficient planning and execution of the work.