



## Queen Elizabeth High School

### Project overview

A challenging Mechanical and Electrical project, part of the environmentally focused 2 year re-development of Queen Elizabeth High School, Carmarthen, which required the construction of a new, award winning, 16000m<sup>2</sup> school facility prior to the demolition of the 1950s building it replaced. The 'sustainable' systems employed were wide ranging and included rainwater 'catcher' devices and both 'solar' and 'photo voltaic' panels. The project also required the installation of over 3000 data points and 52 separate M&E systems including the latest electronic pupil registration system and 'concert quality' PA sound systems.

### Challenges

'A unique combination of logistics and specification', with the school remaining in operation for the entire duration of the project and the design being focus upon sustainability and technology our knowledge and resources were put to the test.

### Solutions

Whitehead worked closely with all construction and education partners to develop and implement a work plan that met everyone needs. Whitehead achieved the high standards of service dictated by the specification, safely, on time and on budget with the minimum of disruption to the schools operation.

#### Project title

» Queen Elizabeth High School

#### Project Managers

» Steve Jones / Mark Harries

#### Sector

» Public/Education

#### Location

» Camarthen

#### Client name

» Carillion

#### Start date

» January 2007

#### Completion date

» July 2008

#### Value

» £6 million

"This project was a major challenge, working within large scale relocation and demolition. With carefully developed management systems in place we were able to carry out an efficient, highly organised project with pride and enjoyment."

Steve Jones - Project Manager  
Whitehead Building Services