



Penyrheol - Comprehensive School

Project overview

Design and installation of the Mechanical and Electrical services required within this state of the art 'Sustainable School' facility adjoining existing school buildings. Services provided include power, lighting, security, CCTV, hot and cold water, fire alarms/sprinklers, gas detection, under floor heating and teaching systems. The 'sustainable' status was achieved through the application of energy efficiency features including solar and photo-voltaic panels, rainwater harvesting and passive stack natural ventilation.

Challenges

The 700+ pupil school remained open throughout the project making it very difficult to achieve the requirements of the project specification and program. As a working construction site the minimum of day to day disruption and the safety of everyone using the existing facilities were also challenges.

Solutions

Utilising the companies 'End2End' process maps Whitehead developed robust processes to achieve the above e.g. 'traffic management' and 'waste management'. The resultant clarity and transparency ensured safe operations and maximum efficiency at all times.

Project title

- » Penyrheol
- Comprehensive School

Project Manager

- » Mark Harries/Mark Eaves

Sector

- » Public/Education

Location

- » Swansea

Client name

- » Carillion/City and
County of Swansea

Start date

- » July 2008

Completion date

- » June 2009

Value

- » £2 million

"This exciting job included the design and installation of many high specification and environmentally friendly systems within a tight schedule and achieving the opening for the 2009 academic year was a challenge for us all."

Mark Harries - Project Manager
Whitehead Building Services