

Sector: Blue Light Services

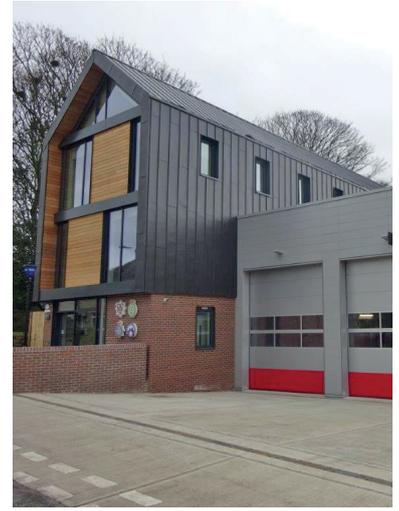
Robertson businesses: Robertson North East England, Robertson Engineering Services

Client:
Co. Durham and Darlington Fire and Rescue

Value: £3.4m

Date of completion: December 2016

Location: Barnard Castle & Sniperley



Co. Durham and Darlington Fire and Rescue stations

The first quad-services station in the UK

The Barnard Castle QUAD Station combines four emergency services - fire, ambulance, police, and mountain rescue. This collaboration enhances the partnerships between the services. It replaces four existing 50-year old buildings and delivers revenue efficiencies through a reduction in lifecycle, maintenance, and utility costs.

Robertson Engineering Services provided the mechanical and electrical services in partnership with its sister company Robertson North East, who constructed the building. In tandem, we provided M&E services to an extension to an existing facility at Sniperley Fire Service & Mountain Rescue station.

MEP Services Included

Electrical

- Mains sectionboard and distribution boards
- Internal lighting with automatic control
- External lighting
- Emergency lighting
- Fire detection system
- Intruder alarm system
- Access control system
- CCTV system
- Disabled WC alarm system
- Lightning protection system
- Induction loop
- Data and TV systems

Mechanical

- LTHW heating system installation
- Domestic hot and cold water installation
- Mechanical ventilation installation
- Sanitary and above ground drainage installation
- Sprinkler installation
- Comfort cooling installation
- Access ramp electric heating
- Utility services

QUAD Station - a bespoke solution

In the pre-construction phase during design development, varying requirements and opinions from what was effectively four individual clients proved a challenge to accommodate. Logistically, the restriction of the actual site and proximity of the surrounding residential properties had to also be considered at all times throughout the construction phase.

“The Robertson team collaborated with both KYOOB Consultants & NAPPER Architects very early on to come up with a bespoke solution, because we knew there would be some obstacles. And our preparation has paid off. The QUAD is the first of its kind in the UK, so we’re delighted to be the ones delivering it. I am confident that it will lead to more stations of this type once it’s up and running at the end of 2016.”

– Darren Clarke, Director of Engineering - Robertson Engineering Services.



“Robertson delivered the build of our accommodation centre for day crews in Seaham and Newton Aycliffe, and we were very happy with the end result. They won the Barnard Castle job following a competitive bid process. It is good to be working with them again because they understand our organisational needs. This is a compact site that sits within a residential area, so there was a lot to consider when planning this work. Robertson’s sympathetic approach to the neighbouring community is standing them in good stead.”

Andy Bruce, Estates Manager
from Durham and Darlington
Fire and Rescue