



CLIENT

Cheshire Fire and Rescue Service

LOCATION

Penketh, Warrington

CONSTRUCTION VALUE

£2.9m

CONTRACTOR

ISG

START - COMPLETION DATE

September 2015 - August 2016

SECTOR

Bluelight

FORM OF CONTRACT

JCT Design and Build

DELIVERY TYPE

Design and Build



The new three-bay fire station at Penketh comprises a lightweight steel frame structure with a green sedum roof to complement the building's location and enhance its sustainable credentials. The building totals 760sqm.

BIM

- BIM technology software and tools were used as the preferred means of design and for production information. Throughout the pre-construction process, the design teams exchanged 3D models via collaboration portal Conject, for clash detection purposes.

School engagement and student development

- Denroy Wallace (pictured opposite) from Wigan and Leigh College undertook a week-long work placement on the project. He has now progressed into full-time employment with ISG as an assistant estimator, based in Manchester.

Sustainability and localism

- A supply chain open day was held in Cheshire supported by Mid Cheshire College and Cheshire West and Chester Council. The event was attended by more than 100 local suppliers.
- 81% of the total subcontract spend was local, within a 30-mile radius.
- Pre-employment training was delivered as part of a sector-based work academy with Warrington Job Centre Plus and local training provider Vocational Solutions.
- In 2017 the project won a Silver Considerate Constructors Award.

KEY KPIS



For more information please contact:

NWCH MANAGEMENT TEAM

Web: <http://nwconstructionhub.org>



“ This was an efficient and well-run project from start to finish, with a collaborative working ethos evident throughout the build. The project was delivered on time and to budget by a dedicated, honest and approachable team. ISG adopted a pro-active, can-do approach and they have delivered exactly what they said they would.”

Iain Gammack, Project Manager, IKG Consulting