



DARLEY STREET MARKET



KEY FACTS

Project title:	Darley Street Market - Bradford City Centre
Services:	Mechanical, Electrical & Public Health
Contractor:	Kier
Client:	Bradford Council
Duration:	12 months
G&H Divisions:	Building Services, Air Conditioning, Engineering



HEADLINES

168 SOLAR PANELS FITTED GENERATING APPROX. 51,000 KWH OF ELECTRICITY PER ANNUM AND PREDICTED TO EXCEED THE BUILDING REGULATIONS UK PART L (BRUKLE) RECOMMENDATION BY 65%

RAINWATER HARVESTING SYSTEM WILL SUPPLY IRRIGATION AND FLUSH ALL TOILETS

30 MECHANICAL AND ELECTRICAL ENGINEERS INVOLVED IN PROJECT, PLUS SEVEN APPRENTICES



OVERVIEW

Changes to the core shopping area following the opening of The Broadway Shopping Centre, along with other national retail pressures, provided Bradford Council the opportunity to regenerate the city centre and modernise its markets offer.

The sustainable and vibrant market and square being created on Darley Street will offer a diverse range of goods, focusing on the best of local and regional produce attracting and appealing to a wider customer base.

CHALLENGE

It was imperative that the new 4000m² market boasted a range of ecological features that would positively impact climate change, cut operation and energy costs. This ensures Darley Street Market is an energy efficient, sustainable and low carbon public building that would be cost effective to operate and in turn more affordable to tenants.



SOLUTION

Main contractor, Kier, appointed G&H Group to provide an extensive mechanical, electrical and public health (MEP) package. This included:

- Collaborating with the lead designer, providing solar panel measurements and the layout of the sawtooth roof to ensure seamless installation of the PV system;
- The rainwater harvesting system installed, provides irrigation for the lush, urban, market square featuring trees, plants, bulbs, insects and birds, as well as flushes all the toilets;
- A state-of-the-art building management system providing a natural ventilation strategy, reducing energy use;
- An energy efficient air to water heat pump with integrated solar system;
- Coordination of services on show hanging from the timber beams to give an aesthetically pleasing solution whilst maintaining space for future tenant fit out; and
- Conducting a tour with students from Calder Colleges' electrical course around the site to support their studies and future careers.

RESULTS

G&H Group, in collaboration with Kier, played a significant role in delivering one of Bradford's biggest green regeneration projects. The team delivered the project on time and to a high standard, working alongside apprentices to upskill and develop the next generation of talent.



From the outset, the way G&H Group's team engaged with the client's designers and Kier staff was excellent in every way. They had no accidents or incidents, which is commendable, and their commitment to training apprentices was inspiring, resulting in them being the main contributor towards the project achieving our CSR apprenticeship target. We look forward to continuing our working relationship in the near future.

David Wilson, Senior Project Manager, Kier



KEY CONTACT

David Davis

Pre-Construction Director

e. david.davis@ghbs.me

t. 0345 609 0334