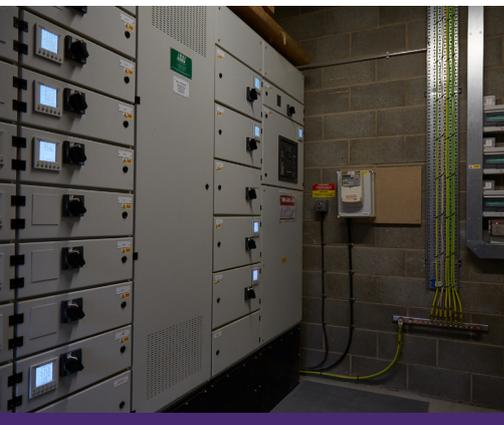


CASE STUDY HILTON GARDEN INN DONCASTER RACECOURSE



Hilton Garden Inn



HEADLINES

FOUR

G&H divisions delivered the project

154

Smartphone digital key technology for 154 rooms

OFFSITE

fabrication saved time and improved health and safety

SOLAR PV

saves over 36,200kWh of energy-a-year



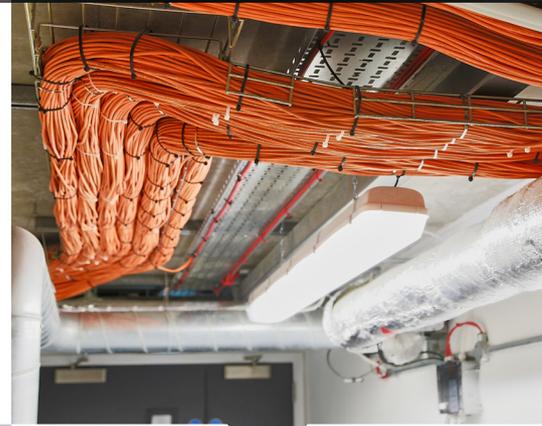
KEY FACTS

Project title:	Hilton Garden Inn Doncaster Racecourse	Value:	£4.3million
Services:	Mechanical & Electrical design and build	Duration:	40 weeks
Client:	Arena Racing	G&H divisions:	Building Services Renewables Fabrication Maintenance
Contactor:	Galliford Try		

CASE STUDY HOW WE DID IT



Christened the Hilton Garden Inn Doncaster Racecourse this project saw the Hilton brand's debut in the town and offers guests extensive panoramic views of the track.



The multi-functional building caters for guests in numerous ways: accommodation; hospitality and events space with capacity for 500 people overlooking the racecourse; a business centre; and a fitness suite, all of which required our mechanical and electrical (M&E) services to best serve peoples' needs in each part of the hotel.



How staff work in the building also influenced a fundamental part of our approach from an M&E perspective with front of house, kitchens, bistro restaurant, bar and 24/7 shop use all considered.

This was a challenging and multifaceted scheme spanning seven-storeys with varying requirements in different parts of the hotel coupled with a tight, non-negotiable deadline.

Four divisions of the G&H Group - Building Services, Renewables, Fabrication and Maintenance - worked on the project and this integrated approach saved considerable time onsite and will make the ongoing upkeep of the services far more efficient.

Our building services included HVAC, lighting, access controls, intruder alarms, smoke control and CCTV.

A large proportion of pipework and a 150mm gas main from the ground floor meter to serve the boiler on the top floor was made offsite by G&H Fabrication in its specialist welding facility to improve safety and reduce congestion.

Roof plant including the boiler plant, duct work, extraction units and condensers were crane lifted into place over three days with a high level of coordination required.

Solar panels were also hoisted up and installed by G&H Renewables, which will save over 36,200kWh of energy every year.

The hotel features the latest state-of-the-art M&E technology - such as all 154 rooms being fitted with digital keys allowing visitors to unlock their door using a smartphone - to create the best experience for guests and staff.

G&H Maintenance is the fourth division to work on the project, managing a pre-planned maintenance regime and ensuring ongoing compliance of all building services.

“G&H's professional approach and extensive knowledge of all matters M&E was a key factor in helping us deliver the project with great success.

“Part of the work was technically very challenging but they overcame this using their expertise and willingness to find solutions to meet the client's needs.

“G&H's on-site building services installation and quality control were of the highest order and we look forward to working with them on future projects.”

Mark Roberts, Senior Building Services Manager, Galliford Try

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