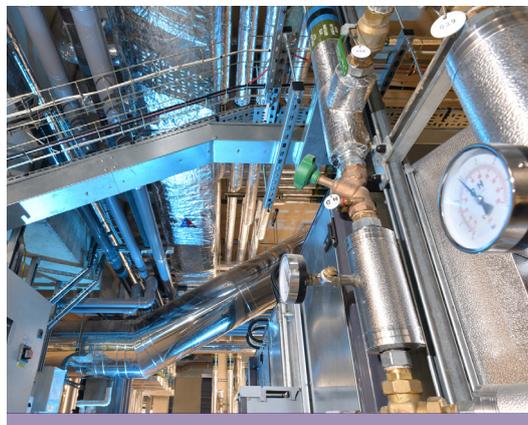


CASE STUDY

RUDDING PARK HOTEL: THE SPA



HEADLINES

MULTI-MILLION

pound extension to the existing hotel

THREE

purpose built plant rooms for domestic, heating and ventilation

1500kW

total load from a CHP and two boilers to provide a sustainable solution and feedback to the grid

SAVED

four weeks of labour time by using G&H Fabrication to build the heating skid mount offsite



KEY FACTS

Project title: Rudding Park Hotel Spa
Location: Harrogate
Services: Mechanical
Client: Rudding Park Hotel
Contactor: Henry Boot Construction

Value: £1.2m
Duration: 40 weeks
G&H divisions: Building Services
Maintenance
Fabrication

CASE STUDY HOW WE DID IT



This project saw a new luxury spa facility added to the prestigious Rudding Park Hotel in Harrogate, recapturing its spa heritage using natural water from the grounds.

The works saw a multi-level extension to the hotel set within the stunning 18th Century Humphry Repton landscape.



Appointed by Henry Boot Construction in a £1.15m contract, we provided an array of mechanical services to the spa, in keeping with the luxurious Grade I-listed building and its rich history. This included heating, cooling, ventilation and power supply to a 17-metre indoor swimming pool, a 12-metre outdoor hydrotherapy pool and associated changing facilities, a restaurant, shop, hair studio and manicure, pedicure and make-up bar.



Underfloor heating was installed to the majority of areas to add another degree of luxury and comfort and in a further demonstration of the fine detail given to the scheme, three plant rooms – domestic, heating and ventilation condenser – were installed instead of using a single plant room.

This ensures each facility such as the swimming pools is powered by a specific supply bespoke to the environment.

A CHP unit will generate 71kW of thermal output, which generates 33kW of electrical output. This unit, along with two boilers, creates a total load of 1,500kW and recycles otherwise wasted heat around the site while feeding back into the National Grid to provide a sustainable offering.

To operate as efficiently as possible, G&H Fabrication was appointed to create the heating skid mount offsite, which saved four weeks of labour compared to it being provided onsite.

This also freed space and created a safer working environment.

Central to the success of the scheme was continuous and detailed liaison with Rudding Park Hotel especially when specifying sanitary ware. This involved us sourcing the highest quality materials and equipment and presenting samples to the client at regular intervals to ensure complete satisfaction.

Now fully completed, G&H Maintenance is carrying out all planned preventative maintenance for the first 12 months.

“ CLIENT REACTION

Rudding Park Spa was a challenging project for all involved but G&H stood out from the crowd and performed exceptionally well. They worked well with both the client and the design team which helped Henry Boot Construction to deliver the project with great success.

We look forward to working closely with G&H on future projects.

Jonathan Watkins, Project Manager, Henry Boot Construction

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