

Case Study

+ Mechanical & Renewables

+ Mechanical

+ Electrical



+ Berrywood Hospital

Berrywood Hospital

In just 4 months, SOL Services successfully completed extensive heating system remedial works at Berrywood Hospital, a project that required both mechanical and electrical expertise.

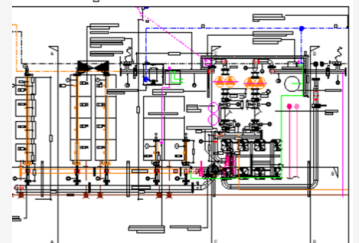
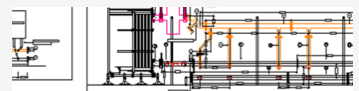
We replaced the boiler heat exchangers, reconfigured the heating circuits with a new plate heat exchanger, and updated the control systems. Our team managed to keep the heating system operational throughout the winter, ensuring patient comfort during construction.

Off-site prefabrication of pipework minimised on-site health and safety risks, while the use of durable materials like 316 stainless steel ensured a long-lasting solution. The hospital now benefits from improved system reliability, enhanced water quality, and greater protection for critical equipment.

The client, Kier, commended our attention to detail and effective management of temporary systems, highlighting the positive impact on their operations.

Client Benefits

- + Increased system reliability.
- + Better water quality.
- + Protection for boiler aluminium heat exchangers.
- + Long lifespan primary pipework.
- + Limited hot works on site during construction.
- + Works carried out with operational heating systems.
- + Off site pre-fabrication of components reducing on site health and safety risks.





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Services Provided

- + Main Contractor role.
- + Pipework design, fabrication & install (in house).
- + Electrical Services (in house).
- + BMS (via named sub-contractor).
- + Planned lifting & plant movement.
- + Planning & management of temporary boiler provider.
- + Thermal Insulation & Valve Jackets.

Project Details

SOL Services carried out the fabrication design and pre-fabricated off site the pipework sections required for the works. The primary pipework was a fully welded 316 stainless steel construction. Secondary pipework was fabricated in heavy grade mild steel. SOL Services provided connections for temporary boiler plant so that heating could be retained for the hospital whilst the works were carried out.

