



CASE STUDY - LOUGHBOROUGH UNIVERSITY



KEY POINTS

Project value:
£732k

Project installation:
 Facilitating the demolition of two buildings through the installation of **460m of 200mm series 2 pipework and 80mm branches.**



> HEAT NETWORK RECONFIGURATION

LOCATION: Loughborough University

Our 25+-Year relationship with the University saw us return for major heat network reconfiguration works.

Vital Energi were appointed directly by the Loughborough University to assist in the diversion of, and the installation of new services in and around the John Cooper & John Clements Buildings. Both are due to be demolished in early 2023 to make way for a new, larger development. In order to achieve this, the existing heat network and comms network needed to be re-configured to divert from between the two building to run around both buildings.

This, in turn, removed the feed to the Matthew Arnold Building, so a new heating & hot water feed was required to be installed as part of

the diversion works. The diversion consisted of laying approximately 460m of pre-insulated 200mm series 2 steel pipe work, along with installing the new 80mm feed to the Matthew Arnold building and capping off the existing pipe work, where it is planned to be removed. The timing of the works was critical, as they had to be done during the main summer period when students were on leave from the University. This meant that multiple teams had to be placed in a very congested site, working on multiple work faces at the same time. The project commenced on site mid-July and was successfully completed late Sept.

