

## Lancaster Care Home

**Client:** Caddick Construction

**Locations:** Lancaster University

**Value:** £4.2 Million



Lancaster University



### Project Specifics

The Progress Housing Group development project includes the construction of a new Extra Care building, consisting of 92 apartments, with 67 one-bedroom units and 25 two-bedroom units. Additionally, there will be one guest suite located within a four-story block. The building consists of a structural steel building with a brick clad facade. GBS are carrying out all the M, E & P design and build requirements for the scheme.

### Technical Characteristics

Furthermore, the project encompasses the renovation of the existing Hornby and Barbon Buildings, which are currently two stories high, to create 16 affordable apartments, comprising 8 one-bedroom and 8 two-bedroom units in total. Lastly, refurbishment of the Arts Building will transform it into a versatile facility with a shell and core structure, as indicated in the architect's layout drawings.

### Project Successes

A key project success for GBS on the Lancaster scheme would be the problem solved in our collaboration with Caddick construction and the sound attenuation requirement to the ASHP located to the roof. With BS4142 impacting on the noise reduction requirements, GBS were able assist in adhering the client's requirement by plant selection and detailing the running solutions of the plant. This enable Caddick to save costs on the acoustic housing requirements. Working on the existing building element, GBS has worked closely with Caddick Construction to minimize the requirement for BWICS through the 2 to 3 brick thick existing walls saving costs to the contractor.