

Aspley Heights

Huddersfield

West Yorkshire

SERVICES: MEP ENGINEERING DESIGN

CLIENT: G&W DEVELOPMENTS, HALIFAX

PROJECT DESCRIPTION:

Working with the Developer Client and Architecture 2B, PrestonBARBER were involved from initial feasibility through to the detail design of this residential development built into one of Yorkshire's steepest hillsides!

The building accommodates 21 stunning apartments in this exclusive development. Based on an 'inhabited ruin theme' with expansive use of timber and glazing and set cosily into the hillside, Aspley Heights apartments are warm, trendy, light and airy. The project was completed in December 2006

This particular project was undertaken soon after the new SAP 2006 regulations came into force and together with Architecture 2B, we designed a solution which meet with the relevant SAP targets and remained within the Developer & clients budget. The final solutions included the increased thermal efficiency of the walls and windows, the use of high efficiency



low Nox gas boilers to a standalone block, storage and direct electric panel heaters, low energy lighting to selected areas of the apartments but retaining low voltage spotlights to the areas that really matter (kitchens & bathrooms).

PrestonBARBER spoke at length with all the relevant utility providers to establish the optimum solution for the new development in terms of preferred metering locations and the cost of the initial outlay required by the developer for gas, water and electricity supplies. A detailed coordination infrastructure drawing was required by developer to meet a planning condition and the same drawing was then found to be invaluable for the groundworks contractors on site when installing the required ducting etc.



SERVICES PROVIDED:

Mechanical & PH

- Domestic water services
- LPHW systems as applicable
- Extract Ventilation
- Above ground drainage

Electrical

- General & Decorative Lighting
- Small Power Installation
- Door access, TV systems
- Landlords Fire Alarms

Infrastructure

- Electricity
- Gas
- Water
- BT

RESIDENTIAL SECTOR APARTMENTS

TYPE: NEW BUILD

VALUE: £1.1M

DESIGN TEAM:

Architect -

Architecture 2B, Leeds

Structural Engineer -

MP Consulting, Harrogate

Client / Main Contractor

G & W Developments,
Halifax



Building Services Consultants

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LOW CARBONCONSULTANTS



Competent Person Scheme
Building CO2 emissions rate calculation - Hevacomp
Certificate Number ERC3057