

CASE STUDY FAIRBURN VIEW PRIMARY SCHOOL



HEADLINES

M&E

design and build for a new 2,400sqm primary school

EXTENSIVE

on and offsite client liaison to design and deliver the best working environment possible

ISOLATED

power in the old school as part of its demolition



KEY FACTS

Project title: Fairburn View Primary School
Location: Castleford, West Yorkshire
Client: Education Fund Authority
Services: Mechanical and Electrical design and build

Contractor: Kier Construction
Value: £800,000
Duration: 18 weeks
G&H divisions: Building Services

CASE STUDY HOW WE DID IT



This project saw us design and build the full mechanical and electrical services for a new 2,400sqm primary school in Castleford, West Yorkshire and also the isolation of the building supplies as part of the main contractor's demolition of the old school.



With Redhill Infants and Redhill Junior School merging, the needs of 420 pupils, 39 children attending the nursery on a full-time basis plus teachers and staff were paramount to our designs. As such, extensive liaison was carried out with the our direct client, the Education Fund Authority, which was representing the school.



Lighting, heating, mechanical ventilation, power outlets and sockets and how they would function and comply with building regulations were central to our discussions at the design stage. Regular onsite meetings were carried out every two weeks with any changes incorporated as quickly and cost-effectively as possible.

Electrical services included switchboards, distribution boards, interior, exterior and emergency lighting, small power, fire alarm, door entry intercom, door access, CCTV, electrical supplies for mechanical services, testing and commissioning and O&M manuals.

Mechanically, we provided the design, supply and installation of domestic services, a LTHW heating system, above ground drainage, sanitary ware, ventilation systems, flues, natural ventilation systems, natural gas, testing and commissioning, BMS controls, refrigeration and thermal insulation.

We met all deadlines and once the scheme was handed over, we assisted with the demolition of the old 2,500sqm school, isolating mains power, cold water and gas supplies.



KEY CONTACT

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