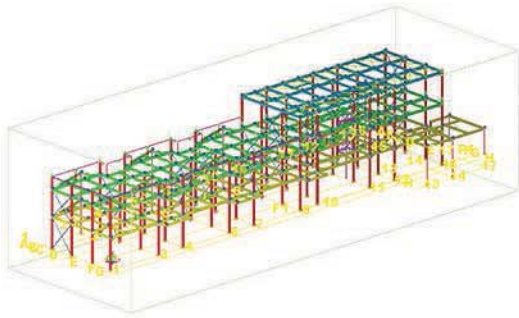


Education



Education

Project: Glebe School
Client: Lakehouse
Tonnage: 100 Tonnes
Location: West Wickham, Kent

This project involved the fabrication and erection of a new education and classroom block for the existing special needs college. The frame encompassed 3 floors and a parapet level.

Due to the classroom requirements bracing had to be removed along one axis of the building and this therefore created a moment frame. This necessitated that many of the beams required large haunches to take the moment loads. These restrictions meant close liaison with the design team to find solutions for the various issues arising from the haunch requirements.

Where the steelwork continues to roof level, all columns needed to be spliced as site access was limited. In addition to this, further steelwork was needed for stair support and at the very top of the main roof structure extra bracing was required.



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