



Multi-Storey Residential Development - Hove

Contractor

Alfred McAlpine Homes

Architect

The Edward Irish

Partnership

Engineer

The Budgen Partnership

Steel Tonnage

1,000 tonnes

Caunton detailed, fabricated, delivered and erected 1,000 tonnes of steel for this multi-storey residential development in Hove near Brighton. In addition to this, we organised the supply and installation of stainless steel lintel angles to the elevation to provide support to the external brickwork cladding.

Due to the overall height restrictions the floors were constructed of Universal Column section beams, some even having shelf angles, to keep floor depths to a minimum. Lateral stability of the structure was provided by in situ concrete stair cores. The structure was completed within the specified construction periods, which were adjusted to accommodate the constriction of the core by the main contractor.

Due to restriction on the available working area, detailed planning of all operations was carried out in conjunction with Alfred McAlpine Homes, to ensure practical access for all elements of the erection process.