

Buchanan Wharf Building 5 Development

The project consists of 324 apartments with two 19 storey residential towers. The development also includes commercial use and car parking, co-working spaces, gym, resident lounge areas and communal roof terraces/ gardens.

Project Highlights

- The project presented many challenges for our team which were successfully overcome by our management and on-site teams.
- We managed all M&E disciplines over multiple floors consecutively
- One of the complexities was controlling material deliveries to the 19-storey towers due to the height and working on multiple floors.
- Management of quality assurance was key to ensure individual rooms and spaces were checked and signed off during the build stages including ceiling sign offs and 1st, 2nd and final fix of the M&E installations.
- We introduced prefabricated containment modules, riser frames and mechanical plant which were able to be constructed off site in a controlled environment and delivered to site.
- Quality assurance was controlled with our in-house quality inspection testing procedures (QITP's)
- The mechanical services included ventilation, plumbing & heating, air conditioning, soils & wastes, BMS and sprinkler system.
- The electrical services included mains & sub mains distribution, life safety generator, general & emergency lighting, small power, fire alarm, intruder alarm, access control & intercom, CCTV, TV, induction loop and lightning protection system.

Key Facts

Client
Drum Property Group/ L&G

Main Contractor
Graham Construction

Architect
Cooper Cromar

Consultant
Graham Construction

Services
Mechanical & Electrical

Duration
12 months

Value
£9,000,000

Location
Glasgow, Scotland

