



CASE STUDY.

BOTHWELL EXCHANGE.

PHASE ONE, 122 WATERLOO STREET, **GLASGOW**



In an enviable position for commuters, 122 Waterloo Street benefits from being within a 10-minute walking distance of three train stations. Stations include Charring Cross Station, Aderston Station and, more notably, the 11th busiest station in the UK, Glasgow Central Station. Launched in 2001 as Glasgow's International Financial Services District (IFSD), the area is recognised as the brand for Glasgow's financial and business community.

Known as the first phase of the Bothwell Exchange, 122 Waterloo Street features nine stories of floor space occupied by international banking giants early in the design phase. The 155,000 sq. ft building offers multiple facilities for building users that focus on employee well-being. This project features a bank of Lifeline Speedlane Slides and automatic Tournikets with night locking doors.

GREAT RELATIONSHIPS FORM SUCCESSFUL PROJECTS.

The lead architect on 122 Waterloo Street was Michael Laird Associates. An architectural firm that can be linked to other prestigious developments, such as the local 191 West George Street. Working with the architects on previous projects within the city, there was a clear understanding of the client's requirements regarding building traffic and security.

“From the outset, it was clear what the requirements were from Michael Laird Architects. Having collaborated with the practice on a number of occasions, we already understood their design intent.”

ADAPTABLE SECURITY SOLUTIONS FOR ALL SPACES.

A bank of Lifeline Speedlane Slides was the chosen solution in helping prevent unauthorised access to other floors within the 9-story building. Knowing the building capacity helped to dictate the number of lanes required and the type of lane layout needed to suit. We, as always, had to consider DDA access and how to incorporate this into the lane design seamlessly. This led to a wide lane configuration being placed at the end of the bank. Wide lane configurations allow disabled users to enter/exit through a similar type of turnstile.

The agreed set up of the security lanes comprised of 3 Lifeline Speedlane Slides with 1 Wide Lifeline Speedlane Slide DDA compliant lane. An additional fixed singular control panel and fixed glass barriers were also agreed to secure the entire life lobby access. Comprising of 5 cabinets to form 4 lanes allows for a throughput of 20 – 30 people per minute in one direction per lane.





“Night sliding doors add extra reinforcement for building protection. Two sliding doors pull over the opening of the revolving door locking any access into a door segment.”

AN AUTOMATIC ENTRANCE WITH NIGHT-LOCKING OPTIONS.

It's known that revolving doors are one of the most requested entrance solutions regarding energy efficiency. It was discussed from the beginning that 122 Waterloo Street would be designed as an environmentally conscious building. Being awarded a BREEAM Excellent rating and achieving an 'A' rated Energy Performance Certificate (EPC).

Being brought into the project back in 2015, there were predicted changes regarding building occupancy levels. In 2017 it was decided that 122 Waterloo Street's entrance would consist of two fully automatic, 4 wing revolving doors (Tourniket). 4 wings allow for a more monitored and controlled throughput. More door segments also increase the estimated throughput, which allows for busy high peak times of the day such as; mornings, lunchtime and end of the working day. All are finished in 316 Stainless Steel with matching external night sliding doors as an additional feature.

OUR REACH IS GLOBAL.

We have been in business for 150 years, manufacturing premium aesthetic and security entrance solutions in The Netherlands, the United States of America and China. We can confidently say that we cover every corner of the globe with subsidiary companies in major cities across the globe. Furthermore our global export division not only partner with our distributors, but also offer direct sales and service to every territory. This wide net allows us to have a strong global footprint and a personal grasp of local markets and their unique entry requirements.

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