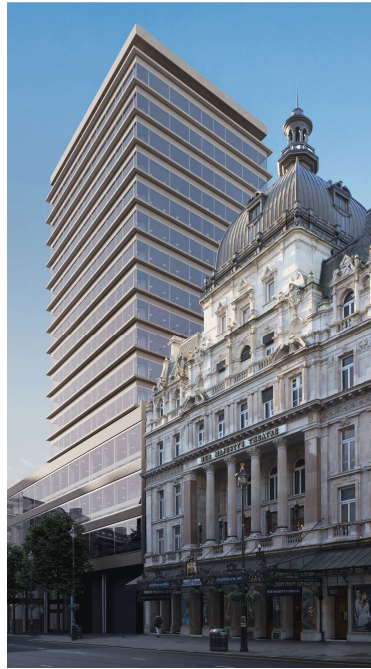


The Challenge

As part of the extensive refurbishment of New Zealand House on Pall Mall in London, Barclay & Mathieson was appointed to design and supply service riser flooring on this landmark 19-storey high, Grade II listed building.

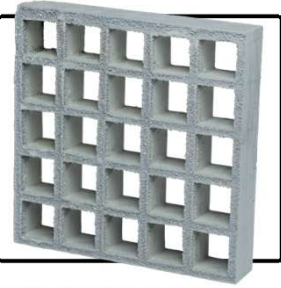
With approximately 90% of the original reinforced concrete frame being retained, the project presented several technical challenges, requiring access flooring that could integrate with the existing structure while meeting modern construction and safety requirements.



Grade II listed tower block

Sector:
Construction

Products:
Steel-supported GRP
Riser Flooring System



Retrofit access flooring in service riser void

Our Solution

Drawing on many years experience supplying high-rise construction, we worked closely with the project team to develop a complete riser flooring solution. Our solution comprised:

- Full design service, including material take-off and scheduling to meet the site installation programme
- Bespoke steel support beams and fixing angles, including a special cantilever support system to accommodate fire protection regulations
- Gritted 38mm GRP open mesh grating to provide a robust, durable and slip-resistant walking surface

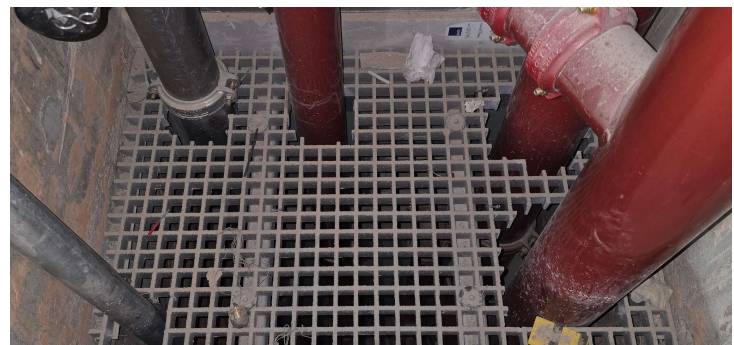


Special cantilever steel support bracket

The Result

Our 100% retrofit solution delivers safe, practical and low-maintenance access throughout the tower block's service risers and negotiated the unique challenges of a complex listed-building refurbishment.

This project highlights Barclay & Mathieson's technical design service capabilities, in addition to product supply. By combining specialist construction sector knowledge with GRP and Steel product expertise, we were able to develop a complete engineered solution that simplified installation on site and supported the wider construction programme.



Non-conductive, non-corrosive GRP grating, cut to fit

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