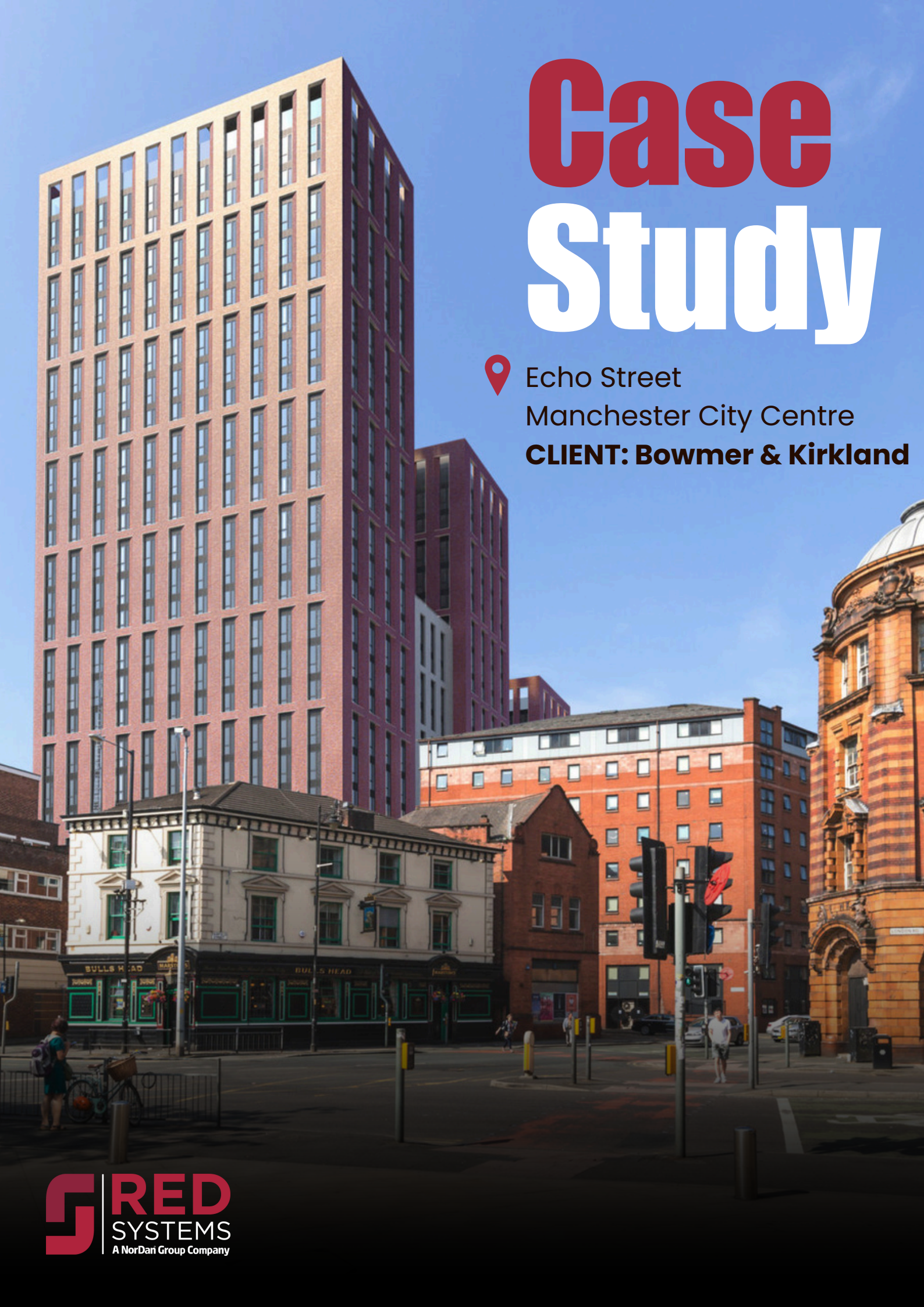


Case Study

Echo Street
Manchester City Centre
CLIENT: Bowmer & Kirkland

RED SYSTEMS
A NorDan Group Company



Echo Street (Chandos House)
CLIENT: Bowmer & Kirkland

The perfect balance between heritage aesthetics & high-performance acoustic glazing...

Three towers. 1,224 student beds. A transformed Manchester skyline. In our latest collaboration with B&K, we delivered the specialist glazing for the £18m Echo Street scheme—a massive 38,000 sq m development anchoring the Whitworth Street Conservation zone...

Challenge

Balancing strict planning conditions with high-performance engineering presented a dual challenge. Because of the site's location within the Whitworth Street Conservation zone, the facade required slim sightlines that remained sympathetic to Manchester's industrial past. Compounding this aesthetic brief was the site's proximity to an elevated railway line. This required the glazing package to achieve stringent acoustic performance to isolate train noise, while simultaneously utilising advanced technology to mitigate external solar glare from the towers.

Solution

By engaging early with the client & combining digital modelling with physical prototyping, we managed to eliminate design risk early on, ensuring the slim profile sightlines integrated seamlessly into the building's overall envelope.
Our longstanding partnership with Technal underscores a commitment to architectural innovation, resulting in a bespoke, high-performance facade solution that honours historic warehouse aesthetics while providing state-of-the-art acoustic protection.

Outcome

The end result is a landmark development that perfectly bridges Manchester's rich heritage with modern urban living, leaving B&K and the wider client team delighted with the exceptional finish.

The completed Echo Street scheme not only delivers vital infrastructure to the city's student hub but showcases a flawless, high-performance facade that will define this corner of the skyline for decades to come.

Snapshot

PBSA

700k sqm

44
Weeks on site

£5.5M
Total project value

Manchester

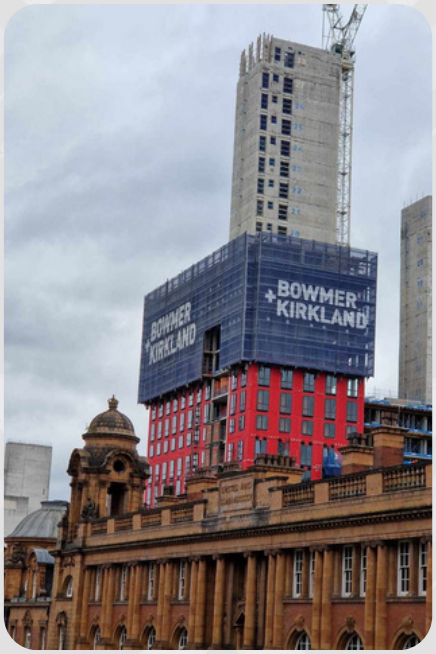
On time / On budget

*"By combining our teams' expertise during the rigorous pre-construction phase, we successfully unlocked the technical and aesthetic challenges of this landmark project. We are proud to partner with the team at **B&K** once again to bring this transformative development to life for Manchester."*

Mike Green
MD, RED Systems

The completed Echo Street scheme not only delivers vital infrastructure to the city's student hub but showcases a flawless, high-performance facade that will define this corner of the skyline for decades to come.







System used:
Technal FZ75 Soleal Next Minimal

www.redsystems.co.uk