

# Case Study



# St Peter's Square

## Project Overview

Providing 268,000 sq ft of office space in the heart of Manchester's central business district, the building has been designed to meet the extremely exacting demands of a BREEAM Excellent', Grade A' compliance.

Following on from RED's previous successful schemes with Russells Construction (now known as Russell WBHO following a merger in 2018), RED were engaged to provide a solution for this city centre hotel development.

There were 3 main challenges to overcome during the tender stage,

- 1) high acoustic values to be achieved;
- 2) development of a bespoke vertical brise soleil feature;
- 3) all windows to be installed at an off-site Pre-Cast Concrete facility.

System Used:  
Technal FY65



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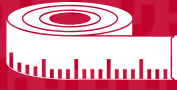


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# Snapshot



2 Hotels



3300m<sup>2</sup>  
of glazing



37  
weeks ON  
site



74  
weeks OFF  
site



£1.6m  
Total Project Value



21 floors

## Design Details

The development comprises of 2 hotels stacked on top of each other – Motel One and Stay City. The city centre plot was on a postage stamp and site access was particularly difficult, hence why it lent itself to an off-site modern method of construction.

Design detailing was quite challenging due to the way the PCC panels are vertically stacked.

However, the RED Pre-Construction team were given the opportunity to get involved in the scheme at very early stages and develop a robust detail and bespoke PCC bracketry in conjunction with the project team at Russell WBHO.



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