



Apartment Development, 19/20 Blackhall Street, Smithfield, Dublin



Customer

Redrock Developments Ltd.,
3 Crosthwaite Grove,
Crosthwaite Park South, Dun
Laoghaire,
Co. Dublin

Construction Period

March 2019 - July 2020

Archaeologist

Paul Duffy,
Senior Archaeologist,
IAC Archaeology,
Unit G1,
Network Enterprise Park,
Kilcoole,
Co. Wicklow

Architect

NDBA,
52 Pembroke Road,
Ballsbridge,
Dublin 4

Structural/Civil Engineers

CS Consulting,
19-22 Dame Street,
Dublin 2

PQS

Duke McCaffrey,
24 Baggot Street Lower,
Dublin 2

Mechanical/Electrical Engineers

JAK Consulting Engineers,
12 Camden Row,
Dublin 8

Description

This project involves the construction of 43 number luxury Apartments extending six storeys high over a single storey basement. The construction method consisted of Secant piled retention system to frame the in-situ concrete basement. An RC transfer slab was cast at first floor level to support the RC floors above. Foundations are a mix of tension & end bearing piles. Internal party walls & floors are formed from insitu concrete to ensure superior acoustic performance. The external walls are formed from a Kingspan lightweight Steel Framed System (SFS) with a mix of Sto render and brickwork facades. Windows & doors were supplied by Carlson & Company Ltd. All Apartments are finished to an exceptionally high Specification. Energy performance to meet NZEB Standards.

Key Features

- Building Completed within a very confined inner City location with logistics and planning key to the successful completion of the overall project
- Basement Construction exceptionally challenging as Smithfield is one of Dublin's most historic quarters thus necessitating extensive Archaeological interaction.
- Exceptionally high end Interior Design specification to all apartments