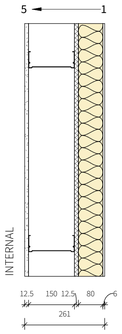
As Existing Wall Construction Types

The below wall types are as per: *'REPORT ON THE EXTERNAL WALLS at Jefferson Place, 1 Fernie Street, Manchester, M4 4AZ'*
(prepared by Thomason Partnership Limited and dated 31st August 2020)

Wall Type 1 - Render

The white render cladding is installed across multiple elevations and levels across the building, and at walls to selected balcony areas (orange coloured variant).



1. Render (6mm)
2. Mineral Wool Insulation (80mm approx) - Bonded Layer
3. Timber stranded cement particle sheathing board (12.5mm) Combustible
4. SFS Forming Cavity (150mm)
5. Plasterboard inner wall lining (unknown layer / thickness)

Mineral wool cavity barriers were present to compartment floor junctions, above and below the compartment floor. As-built drawings indicate junctions with party walls between flats were specified with a high-density Rockwool barrier, however, no barrier was observed during the inspection.

Therefore, the Render (Wall Type 1) does not comply with ADB.

	Render
Protection of Compartment Floors	Adequate
Protection of Party Walls	Not Adequate
Protection of Openings	Adequate
Resistance to Fire spread over wall	Adequate
Fire Spread between buildings	Adequate

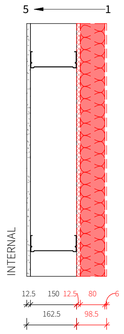
Wall-Type-1 (Render)_Construction-Methodolgy
1 : 10

Proposed Demolition to Existing Wall Construction Types

The below wall types are as per: *'REPORT ON THE EXTERNAL WALLS at Jefferson Place, 1 Fernie Street, Manchester, M4 4AZ'*
(prepared by Thomason Partnership Limited and dated 31st August 2020)

Wall Type 1 - Render

The render system comprises mineral wool insulation; however, the lack of fire barriers at junctions with party walls and around opening/penetrations could allow fire to spread into the Metsec SFS cavity and spread horizontally.



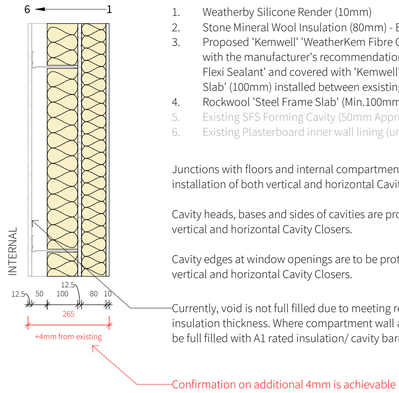
1. Render (6mm)
2. Mineral Wool Insulation (80mm approx) - Bonded Layer
3. Timber stranded cement particle sheathing board (12.5mm)
4. SFS Forming Cavity (150mm)
5. Plasterboard inner wall lining (unknown layer / thickness)

As Proposed Wall Construction Types

Wall Types to achieve U-Value of 0.28W/m²k in accordance with Approved Document L2B Table 4.

Wall Type 1 - Render

Proposed Wall construction achives U-Value of X.XX W/m²K. (min. 0.28 W/m²K)



1. Weatherby Silicone Render (10mm)
2. Stone Mineral Wool Insulation (80mm) - Bonded Layer
3. Proposed 'Kemwell' 'WeatherKem Fibre Cement Board' - 12mm fixed in accordance with the manufacturer's recommendations. Each joint to be sealed with 'Kemstop' 'FR Flexi Sealant' and covered with 'Kemwell' 'Ampacoll Flex Tape.Rockwool 'Steel Frame Slab' (100mm) installed between existing SFS Studs.
4. Rockwool 'Steel Frame Slab' (Min.100mm) installed between exsisting SFS Studs.
5. Existing SFS Forming Cavity (50mm Approx.)
6. Existing Plasterboard inner wall lining (unknown layer / thickness)

Junctions with floors and internal compartment walls are to be protected by correct installation of both vertical and horizontal Cavity Barriers.

Cavity heads, bases and sides of cavities are protected by correct installation of both vertical and horizontal Cavity Closers.

Cavity edges at window openings are to be protected by correct installation of both vertical and horizontal Cavity Closers.

GENERAL NOTES

1. Contractor must ensure that all work on site is carried out in a safe & satisfactory manner, in accordance with Health & Safety At Work Act 1974, COSHH Regulations 2002 & requirements of C.D.M.
2. Structural Design shown in abeyance
3. Mechanical & Electrical shown in abeyance
4. All dimensions shown are to wall structure (Block/Stud) unless otherwise stated.
5. Building quanities based off survey information provided by Formby Surveys
6. Building information based off Thomasons survey reports and drawings.

Schedule_Wall-Type-1_As-Existing

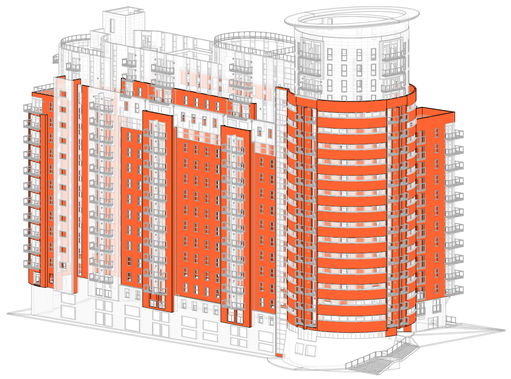
Type Mark	Description	Total Length	Total Area
Wall Type 1	Render	368.61 m	5917.6 m²

SCHEDULE QUANTITIES NOTES

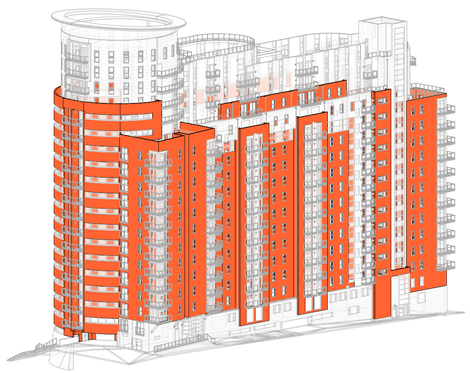
Please note that the quantities shown in these schedules are for costings only and any use of them are at the quantifiers own risk. They should not superseed the contractor's own quantity surveying methods.



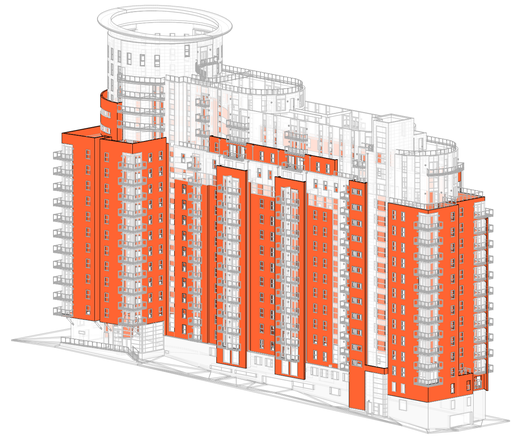
1 Wall-Type-1_3D-View-01



2 Wall-Type-1_3D-View-02



3 Wall-Type-1_3D-View-03



4 Wall-Type-1_3D-View-04

Four Architects Limited (11613893)
Note:
This drawing is copyright.
Do not scale dimensions from drawings.
All dimensions must be checked on site by contractor or suitable qualified individual.
Contractor to report any discrepancies, errors or omissions prior to commencing work.

Notes:

Project Title: Jefferson Place
Status: PRELIMINARY
Location: MANCHESTER
Scale: As indicated
Date: 25/06/2021
Drawing title: Wall-Type-1_Construction Remediation
Job Number: 20-063
Drawing Number: FA-DR-04-001
Revision: P1

Four
Architects
113 Portland Street, Manchester, M1 6DW
Tel. 01614707969 Email. info@fourarchitects.co.uk