



BS - UG - Upper Ground Floor.
1 : 50

RCP LEGEND

General notes:

The fire protection of the compartment floor is provided by cement particle board laid above timber floorboards. Refer to floor drawings 30 - series for details.

- Drawing to be read in conjunction with Fire Strategy Report.
- Structural proposal under review.

- Any penetration/lighting in the ceilings need to be fire stopped. Details tbc.

- Additional protection may be require within the partition cavity around electrical fittings in the walls between apartments and apartment-corridor to achieve 60 minutes FR.

DRAWING TO BE READ IN CONJUNCTION WITH THE KNAUF SPECIFICATION K10 AND PROJECT PACK.

TYPE 01 Bathroom Ceilings

Fire Resistance: N/A
Acoustic performance: N/A

Board:
1 x 12.5mm Knauf moisture panel
Framing:
Knauf MF Ceiling Suspension System
Insulation:
50mm Knauf Insulation Acoustic roll
Minimum M&E service void of 300mm will be required.

TYPE 02 4th and 5th floor ceiling

Fire Resistance: 60min
Acoustic performance: DnT, Rw+Ctr 43 dB

Board:
2 x 15mm Knauf Fire Panel
(within outside layer of board to be Knauf Performance Plus in wet areas)
Framing:
Knauf MF Ceiling Suspension System
Insulation:
30mm Knauf insulation Rockslak RS45

TYPE 03 Fire rated suspended ceiling below floorboards.

Fire Resistance: 60min
Acoustic performance: DnT, Rw+Ctr 43 dB

Board:
2 x 15mm Knauf Fire Panel
(within outside layer of board to be Knauf Performance Plus in wet areas)
Framing:
25mm Knauf MFS Ceiling Channels fixed to the existing floor boards
Insulation:
25mm Knauf Insulation Acoustic Roll

TYPE 04 Fire resisting ceiling

Fire Resistance: 60min
Acoustic performance: N/A

Board:
2 x 15mm Knauf Performance Plus
Framing:
Knauf MF Ceiling Suspension System. If at Lower Ground floor, it will require to be fixed into the 8mm Tanking membrane in accordance with the Specialist Tanking Sub-contractors details and specification.
Insulation:
30mm Knauf Rockslak RS45

TYPE 05A New Lath & plaster

Fire Resistance: N/A
Acoustic performance: N/A

Lath & Plaster System:
New L&P ceiling to match existing as per specialist sub-contractor details and specifications.

TYPE 05B Existing Lath & plaster

Fire Resistance: N/A
Acoustic performance: N/A

Lath & Plaster System:
Existing L&P ceiling to be repaired as per specialist sub-contractor details and specifications.

TYPE 06 Cornicing encapsulated

Fire Resistance: N/A
Acoustic performance: N/A

Board:
2 x 15mm Knauf Soundshield Plus
Framing:
To be finalized.
Insulation:
Glass mineral wool - full infill

TYPE 07 Sub station ceiling

Fire Resistance: 120min as part of the whole system
Acoustic performance: TBC

Board:
Cementitious board - TBC

New Concrete floor at 2780mm AFFL added to achieve fire performances. Additional ceiling requirement above tbc with fire and acoustic engineer.

TYPE 08 Alleyway entrance soffit

Fire Resistance: N/A
Acoustic performance: N/A

Board:
1 x 15 mm Knauf aquapanel
Framing:
Compatible to aluminium cladding system
Insulation:
Mineral insulation

Existign ceiling and decorations to be retained, repaired and redecorated.

Existing columns and collar supporting timber beams to be intumescent painted to achieve 60min FR.
Existing timber beams to be Fire Treated to achieve 60minutes

2300 AFFL Height AFFL for suspended ceilings (mm)

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Project No: **24006**
Suitability: **S2 SUITABLE FOR INFORMATION**
Status: **PLANNING**

Client:

Beech Holdings

Project:

**PICCADILLY WAREHOUSE
Bloom Street**

Sheet Name:

**Upper Ground Floor - Reflected
Ceiling Plan_Planning**

Drawing No: **24006-HFR-BS-UG-DR-A-9130** Rev: **P01**
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HORIZON

fletcher | rae

Level 12, Tower 12, 18-22 Bridge Street, Manchester, M3 3BZ

t +44 (0) 161 242 1140
w www.fletcher-rae.com
e info@fletcher-rae.com