BS - 05 - Fifth Floor Copy 1
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 Rocksilk RS45

TYPE 03 **Fire rated suspended ceiling below foorboards.**

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 MF5 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 Rocksilk 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:
Cementicious 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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Rev	Revision Details	Drawn	Date	Chck'd
P01	Planning	MM	21.06.24	

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

Client:
Beech Holdings

Project:
PICCADILLY WAREHOUSE
Bloom Street

Sheet Name:
Fifth Floor - Reflected Ceiling Plan_Planning

Drawing No. **24006-HFR-BS-05-DR-A-9135** Rev. **P01**
Drawn By **MM** Scale **1 : 50 @ A1**
Created **03.05.24**

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