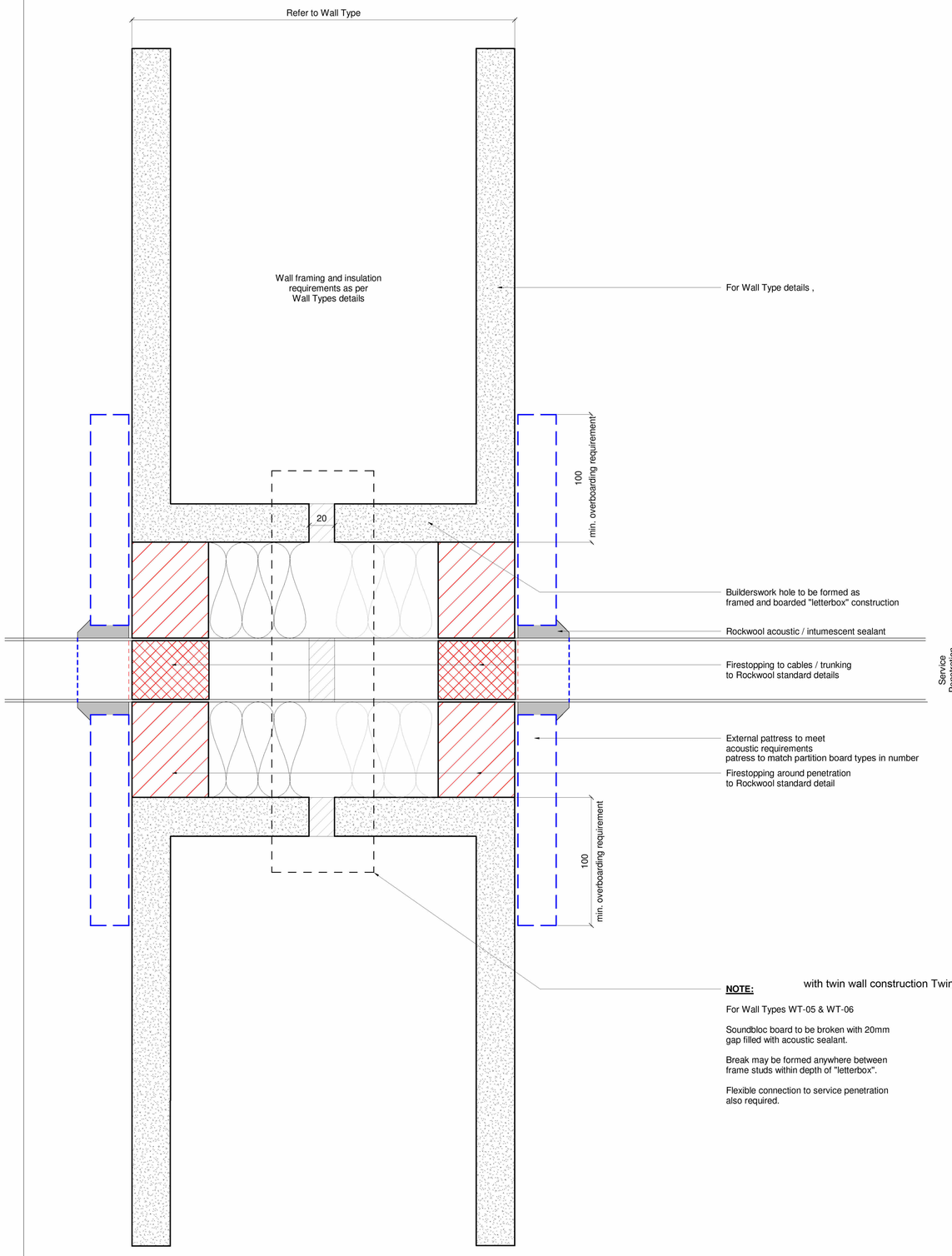

NOTE:

For Wall Types WT-05 & WT-06

Soundbloc board to be broken with 20mm gap filled with acoustic sealant.

Break may be formed anywhere between frame studs within depth of "letterbox".

Flexible connection to service penetration also required.

LEGEND

Denotes 60mm Rockwool Ablative Batt

Denotes:
- Intumescent seal around cables to Rockwool standard details
- Intumescent bags placed within trunking to Rockwool standard details
- Fire damper location to MEP details

Acoustic Pattress

Denotes change to Rockwool HV Insulation around lagged pipework prior to passing through wall penetration

Denotes cable tray / basket to be terminated prior to passing through wall penetration

Denotes acoustic treatment required within fire stopping detail. Loose laid mineral wool quilt 15-40 kg/m2 APR to suit wall type construction.

INSTALLATION:

All edges of Batt to receive an even cover of Rockwool Acoustic Intumescent Sealant over the entire thickness of the Batt including the outer edges of the Batt and the edges of the cuts made across the Batt to allow fitting into the aperture.

There is no requirement to apply sealant to the edges of the holes cut to accommodate cable trays or ladders.

Once the Batt is in place, apply a bead of Rockwool Acoustic Intumescent Sealant approximately 15mm wide around the perimeter of the Batt ensuring that all gaps between the Batt and surrounding edges are fully filled.

Firestopping of Cables:

Apply a bead of Rockwool Acoustic Intumescent Sealant approximately 15mm wide where cables pass through the Batt. Ensure that the sealant fully enclosed each cable within the tray or ladder and that all gaps are fully filled.

All other details to be installed following the standard Rockwool recommendations as follows:

https://www.rockwool.co.uk/SysSiteAssets/rw-uk/downloads/brochures/firestopping-standard-details-guide---14mb.pdf

Acoustic Rating	Additional External Pattress	Additional Acoustic Insulation
47dB	2 As partition type to wall	----
52dB	1 no. layer wall type board to each side	2 x 50mm layers
62dB	2 no. layers wall type board to each side	2 x 100mm layers
70dB	2 no. layers wall type board to each side	2 x 100mm layers
76dB	3 no. layers wall type board to each side	2 x 100mm layers

NOTE:

Fire stopping around services to be in line with Rockwool standard details to ensure fire certification.

NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
3. THIS DRAWINGS IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL RELEVANT ARCHITECTURAL, ELECTRICAL, MECHANICAL AND STRUCTURAL DRAWINGS.
4. UNIVERSITY OF MANCHESTER. THIS DRAWING MUST NOT BE REPRODUCED WITHOUT PERMISSION.
5. DIRECTORATE O ESTATES AND FACILITIES TO BE NOTIFIED OF ANY DISCREPANCIES.

Scale Bars TO BE USED ONLY AS GUIDANCE

1:100	mm	1000	3000	5000	
1:200	mm	5000	8000		
1:500	M	5	15	25	
1:1250	M	10	30	50	70

Rev	Description	Date	By
P02	Stage 4 Tender Issue	21.08.25	MD
P01	Stage 4 Issue	24.07.25	MD

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Drawing Status: STAGE 4

Project: University of Manchester ITS & Computer Science

Building Name: Eddie Newcomb | Building No.:

Site Name: Burlington Street

Sub Site Name:

Drawing Title: Typical Acoustic and Fire Opening Detail

PM	Drawn	Checked	Authorised
Avision Young	Author	Checker	
Scale @A1	Date	Date	Date
	21.08.25	21.08.25	

Drawing No.: 7808-FA-EN-ZZ-DR-A-23206 | Revision: P02

Original Drawing Paper Size B41 x S94