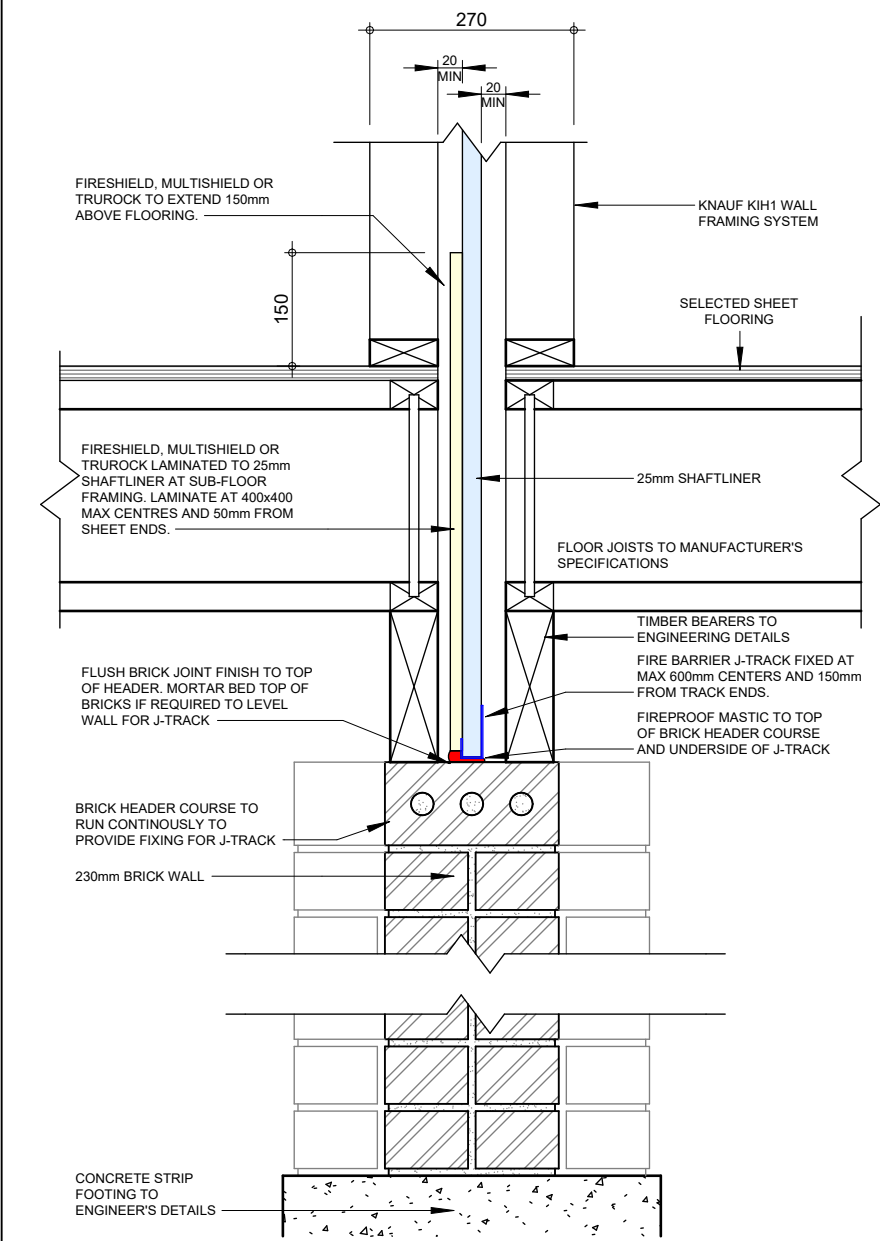


IHW1

- 1 layer of 10mm **soundshield** or **opal**
- Timber stud framing with insulation
- Minimum 20mm air-gap
- 1 layer of 25mm **shaftliner** or **intershield** encased in **interhome H-studs**
- Minimum 20mm air-gap
- Timber stud framing with insulation
- 1 layer of 10mm **soundshield** or **opal**

Minimum Cavity On Each Side (mm)	Wall Width (mm)	Sound Insulation Rw (Rw + Ctr)	Acoustic Report Day Design 3094-42  Note: Impact Sound Resistant - Discontinuous Construction
Cavity size = stud size + air-gap  110 (eg: 70 stud + 40 gap or 90 stud + 20 gap)	265	2 x Pink® Batts R2.5  64 (50)	

**Fire Resistance Level**  
  
60/60/60  
rated for the wall frame opposite to fire attack  
  
Fire Report FC11661



PARTY WALL DETAILS

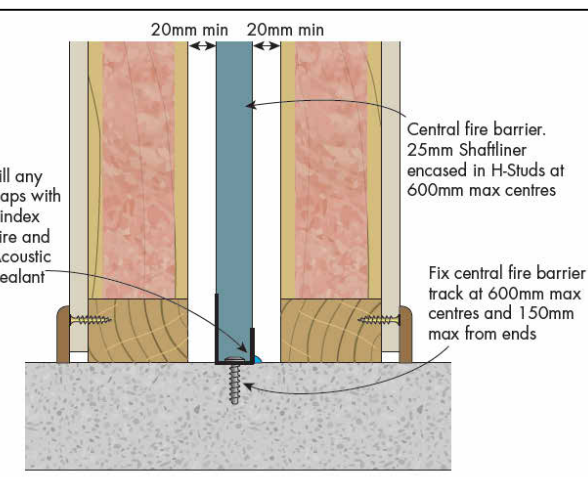
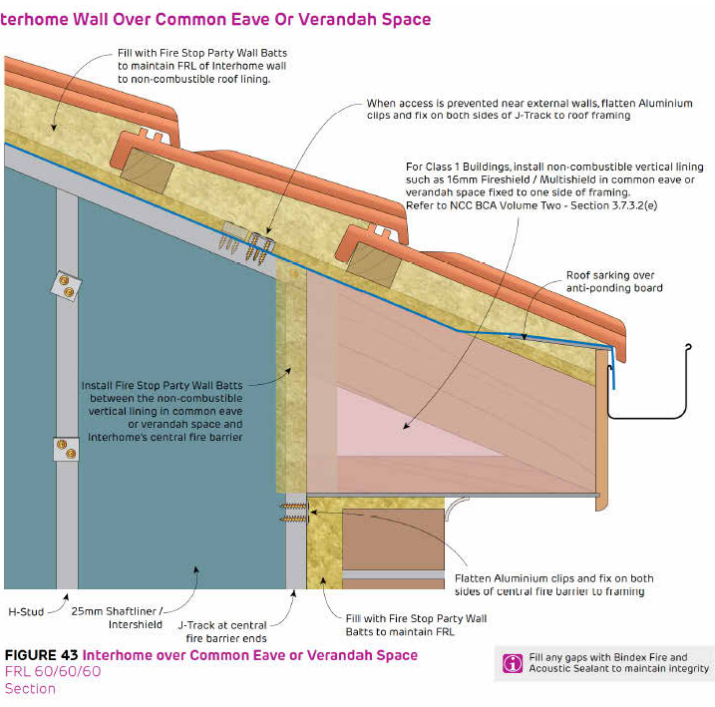
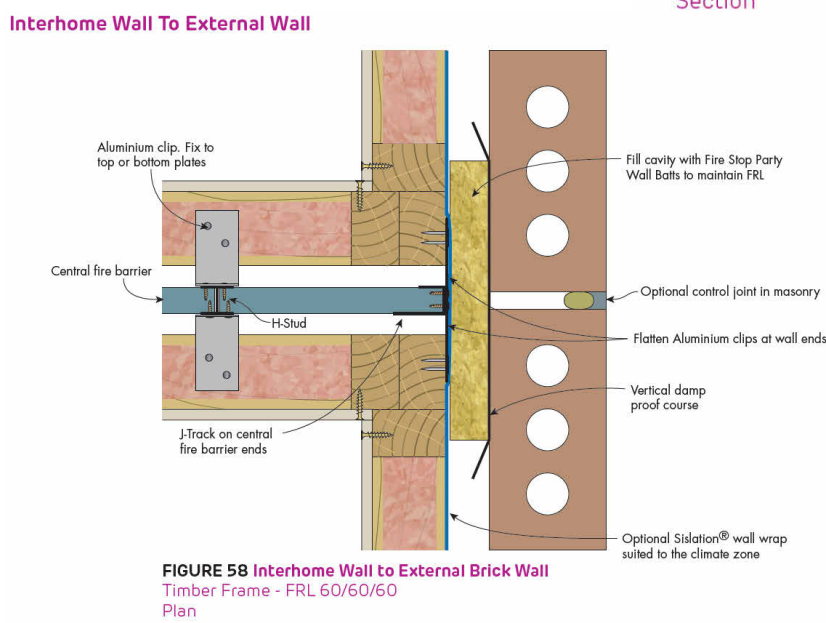


FIGURE 20 Interhome Wall Base to Slab FRL 60/60/60 Section

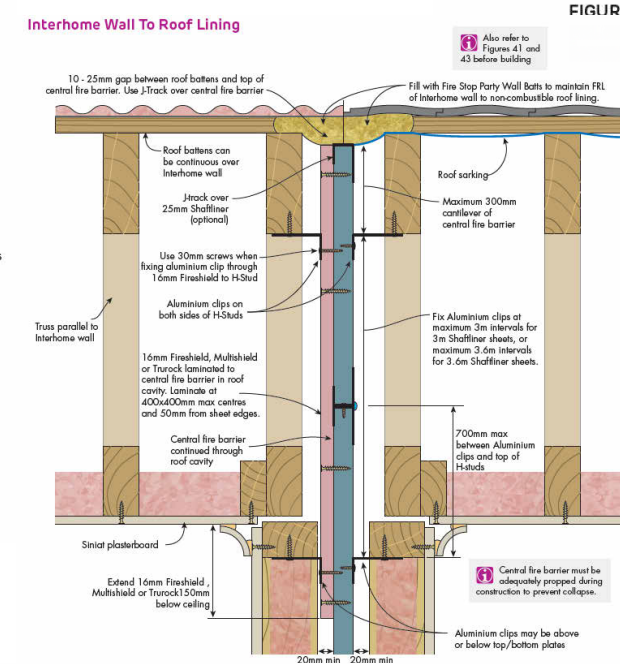


FIGURE 63 Interhome Wall to External Clad Wall with Cavity Battens FRL 60/60/60 Plan

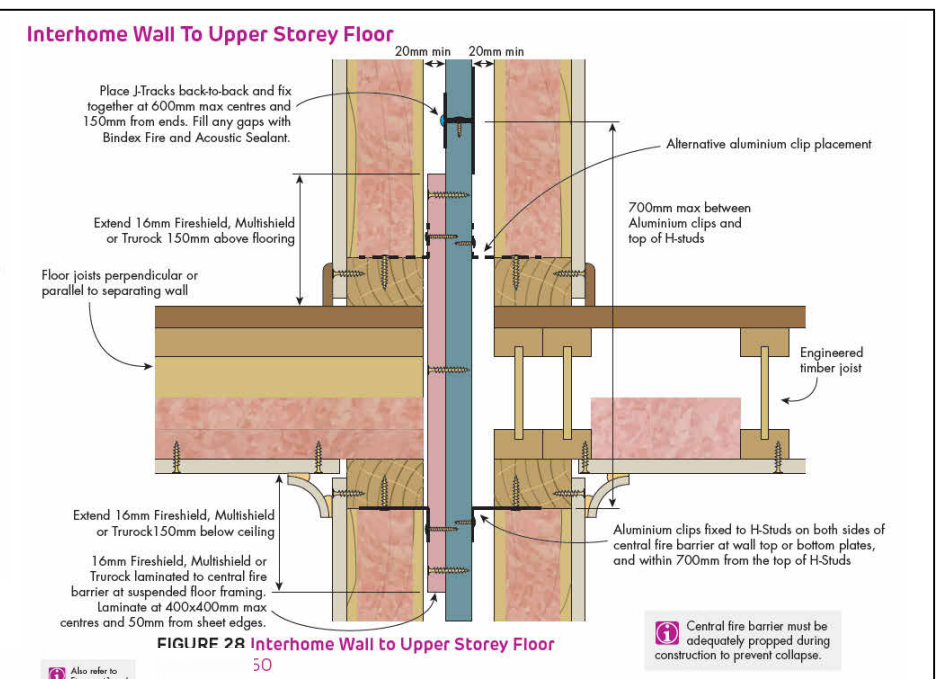


FIGURE 28 Interhome Wall to Upper Storey Floor Section

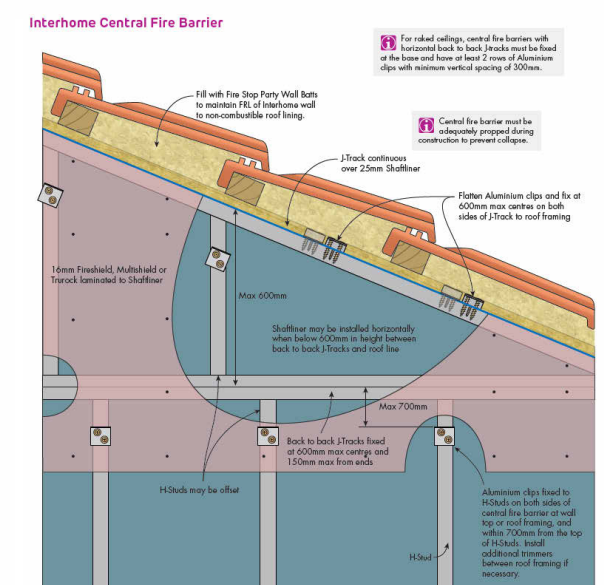


FIGURE 37 Interhome with Horizontal Shaftliner to Roof Line FRL 60/60/60 Section

MAX. ACOUSTIC RATINGS		
AIR CONDITIONER	SOUND PRESSURE LEVEL (DBA) @ 3m	MAX. RATED 55.4
	SOUND POWER LEVEL (DBA)	MAX. RATED 72.1
POOL PUMP	NOISE LEVEL (DBA) @ 1m	RATED 50
ACOUSTIC POOL PUMP BOX	UP TO 80% NOISE REDUCTION	

Product: CUSTOM

Facade: CUSTOM

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Site Address: Lot 10  
25 Amourin Street,  
NORTH MANLY 2100

Council: NORTHERN BEACHES

DP No. : 19139

Approval Type: DA

Title: PRELIMINARY BCA COMPLIANCE - PARTY WALL & ACOUSTIC DETAILS

Client: PROWSE

Paper: A3

Scale: 1 : 10

Sheet No: 04.2

Date: 24.04.2025

Job No.: 221111.2

OWNER ACCEPTANCE

OWNER SIGNATURE

DATE

OWNER SIGNATURE

DATE

Issue	Date	Description	Drawn
A	24.04.2025	CONCEPT SKETCH	E.G.
B	28.04.2025	REVISED AS DISCUSSED	E.G.
C	05.05.2025	REVISED AS PER T.V. MARKUPS	E.G.
D	07.05.2025	DA PLANS	E.G.
E	22.05.2025	UPDATED TO SUIT BASIX & TENDER	E.G.
F	30.05.2025	MIRRORED FLOOR PLAN (PLAN VIEW ONLY)	E.G.
G	06.06.2025	AMENDMENTS AS PER CLIENT'S MARKUPS	E.G.
H	23.06.2025	DA PLANS	E.G.

26/06/2025 3:15:23 PM