Residential sprinkler system to BS 9251:2021 to be installed

All window & door sizes / structural openings to be site measured / confirmed prior to ordering / manufacture

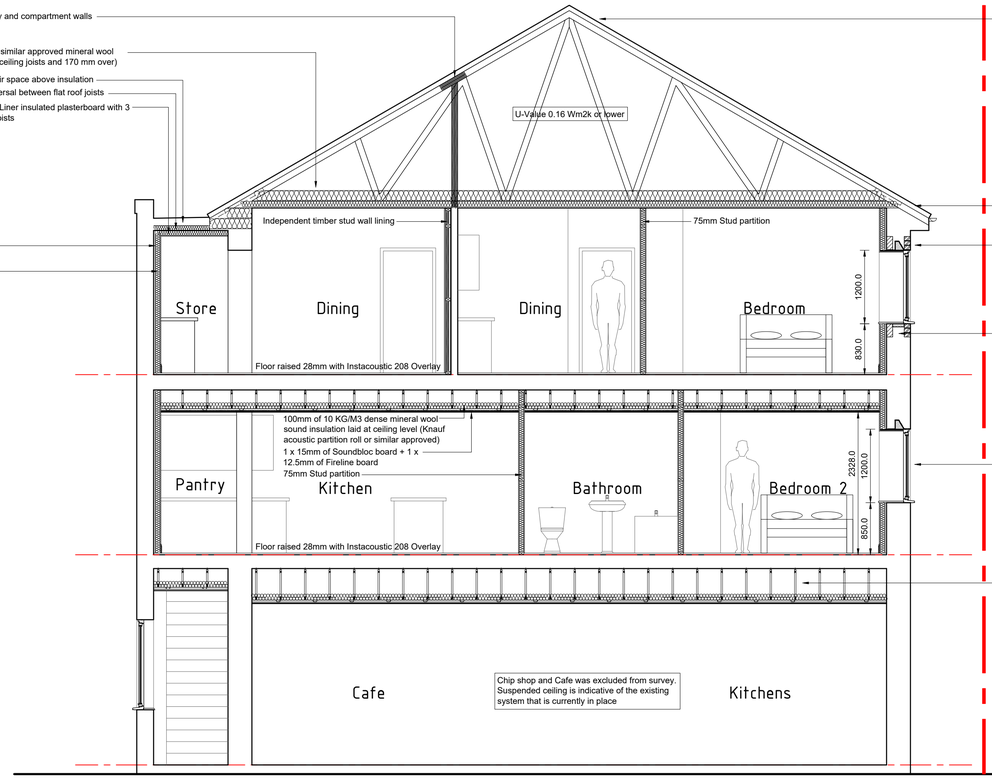
Separating floor comprises;
- Floor finish allowance
- Acoustically resilient layer (Instacoustic 208 Overlay system (28mm)
- Existing floor
- Proprietary ceiling frame system such as GypCeiling MF suspended ceiling system
- 100mm of 10 KG/M3 dense mineral wool sound insulation laid at ceiling level (Knauf acoustic partition roll or similar approved)
- No.1 x 15mm of Soundbloc plasterboard + No1 x 12.5mm of fire line plasterboard with 3mm of skim finish to underside of resilient bars

Separating Acoustic timber Stud wall comprises;
- No.2 skins of 47 x 75mm C16 timber studs @ 400 mm c/c (240mm minimum between wall linings)
- studs lined with 60mm minimum of 10 KG/M3 dense mineral wool sound insulation (Knauf acoustic partition roll or similar)
- No.2 x 12.5mm of Soundbloc plasterboard with 3mm of skim finish to each side

Independent Acoustic timber Stud wall lining comprises;
- 10mm gap between wall and stud
- 47 x 75mm C16 timber studs @ 400 mm c/c
- studs lined with 60mm minimum of 10 KG/M3 dense mineral wool sound insulation (Knauf acoustic partition roll or similar)
- No.2 x 12.5mm of Soundbloc plasterboard with 3mm of skim finish

Gypliner Single wall lining system comprises;
- Gypframe GL1 lining channel to create 35mm cavity
- Cavity lined with 25mm of Acoustic partition roll
- No.2 x 12.5mm of Soundbloc plasterboard with 3mm of skim finish

Stud partition wall comprises;
- 47 x 75mm C16 timber studs @ 400 mm c/c
- studs lined with 50mm of 10 KG/M3 dense mineral wool sound insulation
- 12.5mm of plasterboard with 3mm of skim finish either side of studs

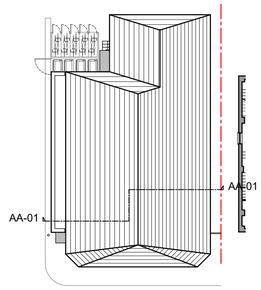


Fire & smoke dampers to be installed where ducts pass through fire rated compartment walls. Where ducts passes through cavity barrier, ducts are to be installed in a separate 71mm steel stud wall with No.2 x layers of 15mm thick gypsum boards either side. All cavity barriers and fire & smoke dampers to be fully installed to manufacturers specification & installation

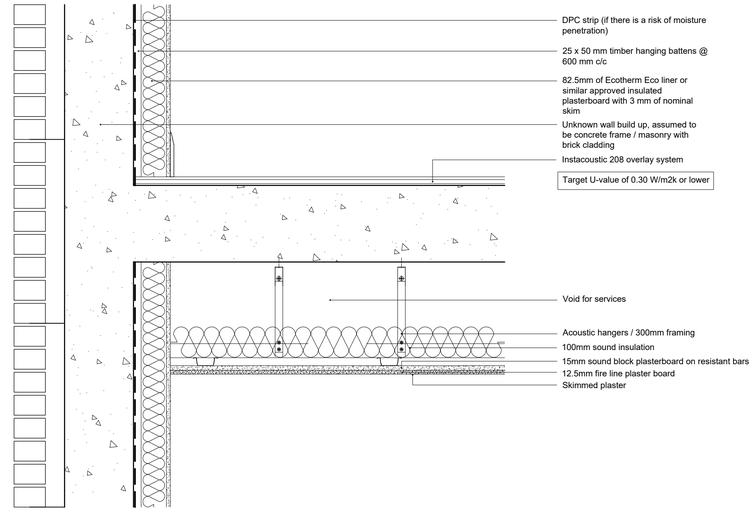
Compartment walls fire stopping in roof space required. Fire stopping at top of walls and similar construction gaps to be made using Rockwool® linear fire-stops systems, supplied by Rockwool®ltd.

Thermal upgrade to exterior walls comprises;
- Traget U value of 0.30 W/m2 k or lower.
- Existing wall
- DPC strips if required
- 25 x 50mm trated timber hanging battens @ 600 mm c/c
- 82.5mm of EcoTherm EcoLiner or similar approved insulated plasterboard with 3 mm of nominal skim.

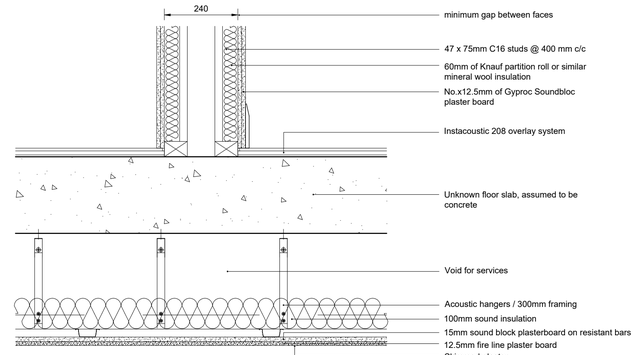
Section AA-01 1:50



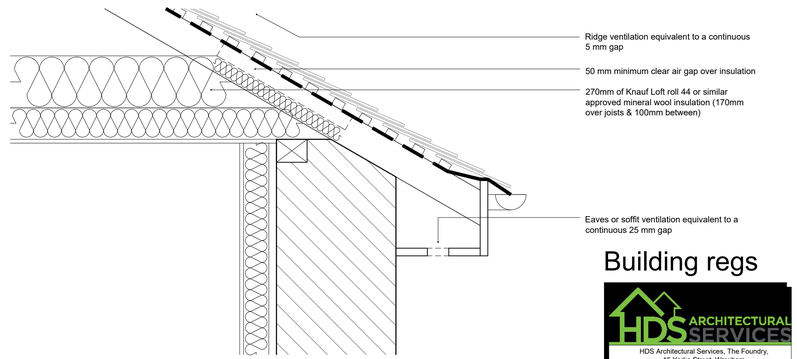
Key Plan 1:250



External wall thermal upgrade detail 1:10



Separating wall and floor detail 1:10



Roof Thermal upgrade detail 1:10

Building regs

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LL13 8LW
Tel (01978) 345250
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Project;
Wrexham Fish Bar, 6 Egerton Street, Wrexham, LL11 1LW

Title;	**Scale (A1);**
04-Section AA-01 and details	1:10/50
Dwg No;	**Date;**
WF/BR/04	04.11.24

Revision;