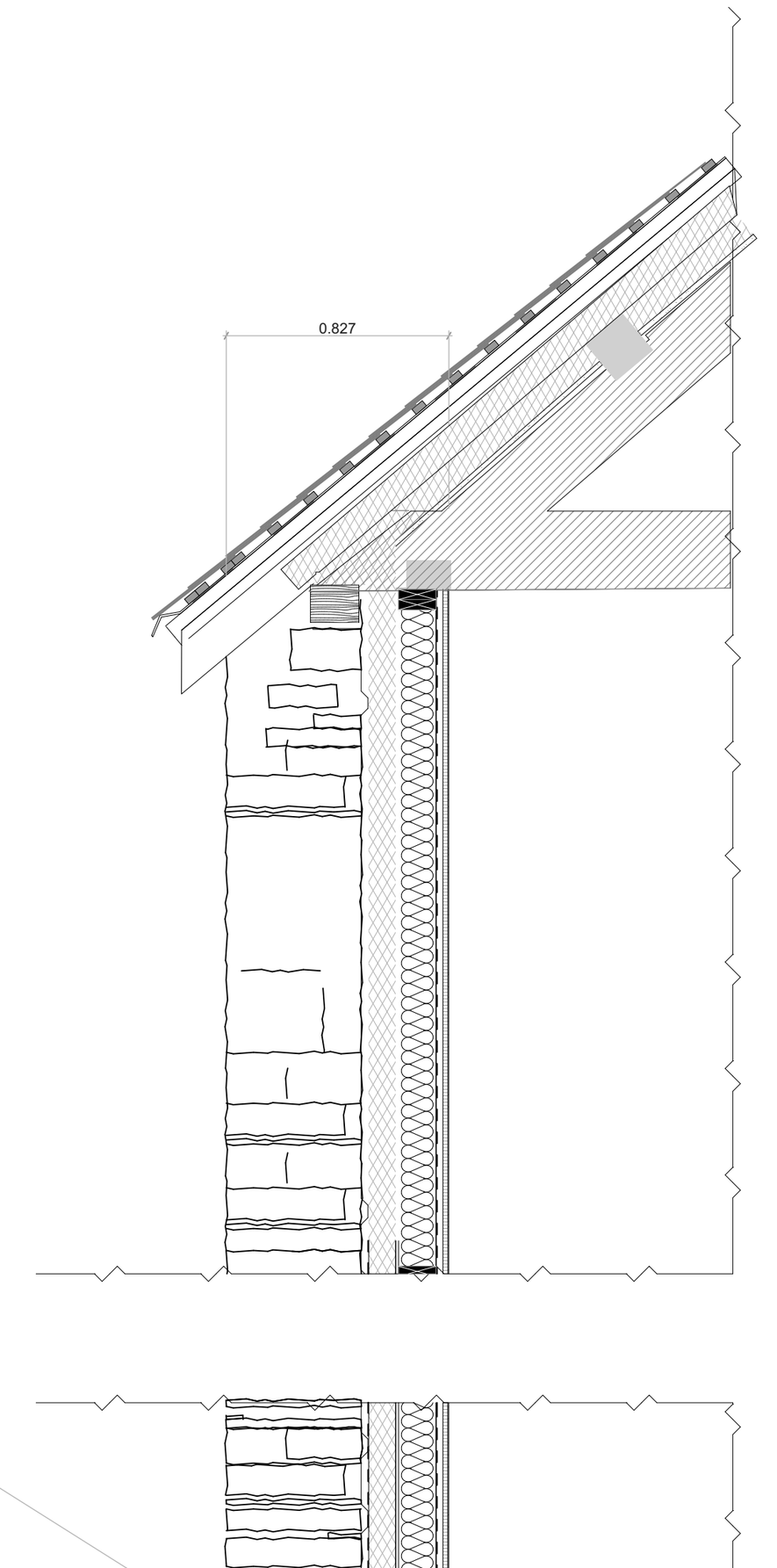


Natural stone walls with Newton Lath/SPD8 Wall Membrane internal damp membrane mechanically fastened to internal face (min 1m height to resist rising damp penetration from stone wall) and taped to DPM
25- 38mm x 50mm tanalised vertical battens to form airgap screwed through membrane to stone
100mm Steico woodfibre sheathing
Nilvent breather membrane stapled to
10mm OSB sheathing boards
139 x38mm stud C16 Timber frame.
140 rockwool batts
Intello breather membrane stapled to studs and taped in accordance with manufacturers instructions.
25/ 38mm x 50mm treated vertical studs screwed to frame for cable and pipe ducting
12.5mm woodwool slabs screwed to battens
Solo onecoat lime plaster internal skim.
Clay paint finish
0.14 W/M^2 K

50 -75mm liquid screed thickness depending on required levels with underfloor heating pipework suitable for air source/ ground source pipework 150mm underslab insulation

Marmox Thermoblock cold bridging protection

1:2:4 (ST2) concrete slab and footing toe for timber frame

Underpin as required

Section

Barn Conversion details
:Pont Y Meibion, Llanarmon Road, Glyn Ceiriog, Llangollen

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DATE	1/8/2024	SCALE	1:20
DWG No	P.2024.91.D04		REV