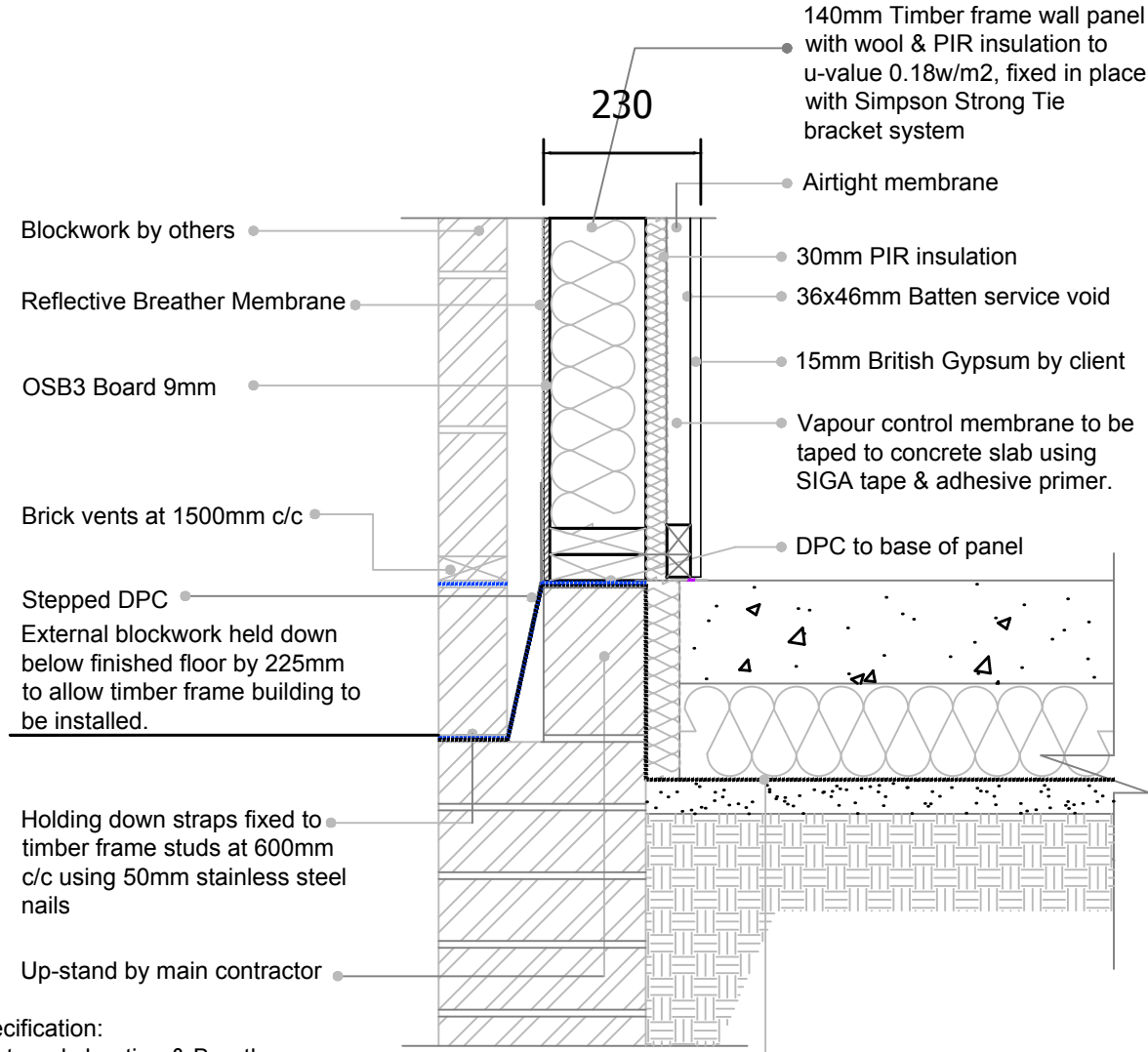


# External Ground Floor Wall Detail

0.18 w/m2k U-Value



Wall specification:

- \* External sheeting & Breather membrane
- \* Insulation between structural elements - 140mm thick
- \* 30mm PIR insulation
- \* Airtight Membrane
- \* 36x46mm Timber Batten to form service cavity
- \* 140x38mm soleplates, preservative treated complete with DPC
- \* Sealing tape for on-site membrane junctions

140mm Timber frame wall panel with wool & PIR insulation to u-value 0.18w/m2, fixed in place with Simpson Strong Tie bracket system

Airtight membrane

30mm PIR insulation

36x46mm Batten service void

15mm British Gypsum by client

Vapour control membrane to be taped to concrete slab using SIGA tape & adhesive primer.

DPC to base of panel

Brick vents at 1500mm c/c

Stepped DPC

External blockwork held down below finished floor by 225mm to allow timber frame building to be installed.

Holding down straps fixed to timber frame studs at 600mm c/c using 50mm stainless steel nails

Up-stand by main contractor

Radon Barrier laid in accordance with manufacturers instructions by main contractor

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LF FastHouse 99 Dowland Road. Limavady	PROJECT:	TITLE:	SCALE@A4:	DWG NO.		DRAWN:
	Standard details	External ground floor wall detail	1-10	FH_SD03		JJH
			DATE:	SHEET	CHECK:	TOLERANCE:
			27-09-18	-	-	+/-2mm