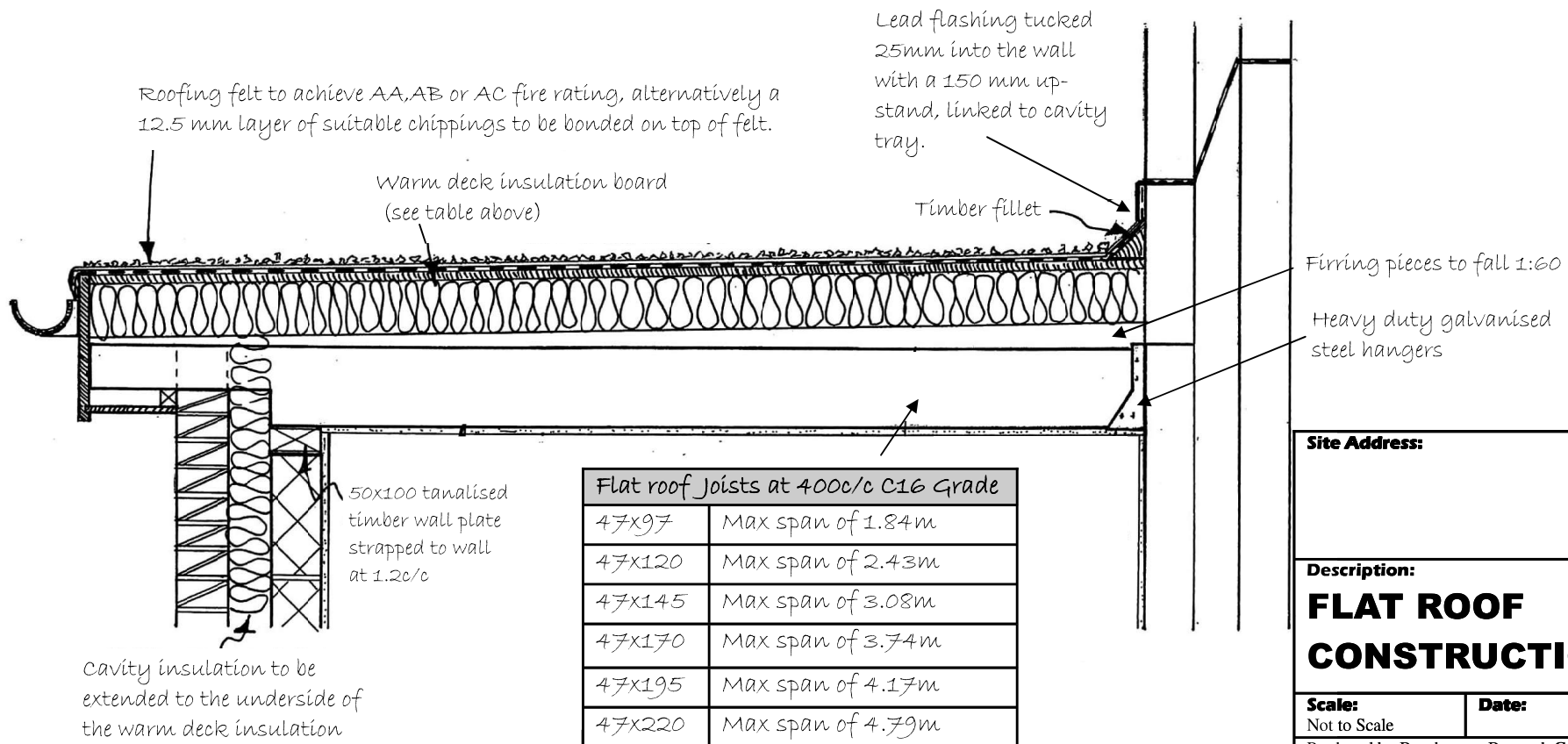


INSULATION OPTIONS

Celotex Tempcheck Deck (composite deck)	126
Celotex Extra-R XR4000	120
Kingspan Thermarroof TR31 (composite deck)	96 plus 30 Kingspan TP10 between and directly under joists
Kingspan Thermarroof TR31 (composite deck)	126
Kingspan Thermarroof TR27 (composite deck)	120
Polyfoam Roofboard Standard (for single ply membranes only)	140
Knauf Krimpact rock fibre slab	180
Jablite Jabdec	183 (with mechanical fixings) or 163 (without)

Note: All the above materials must be installed to the manufacturers' details and specification



Site Address:

Description:

FLAT ROOF CONSTRUCTION

Scale:

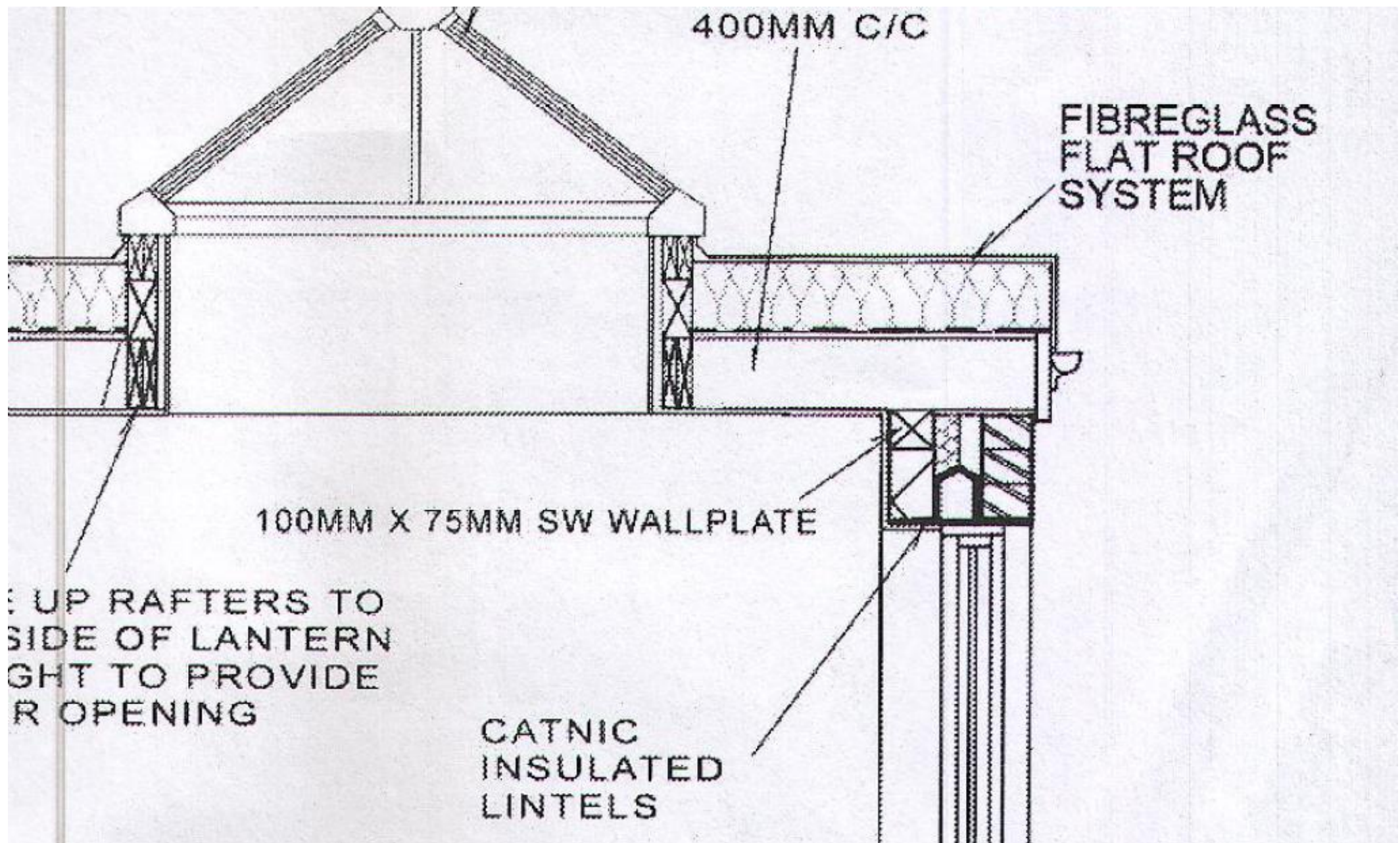
Not to Scale

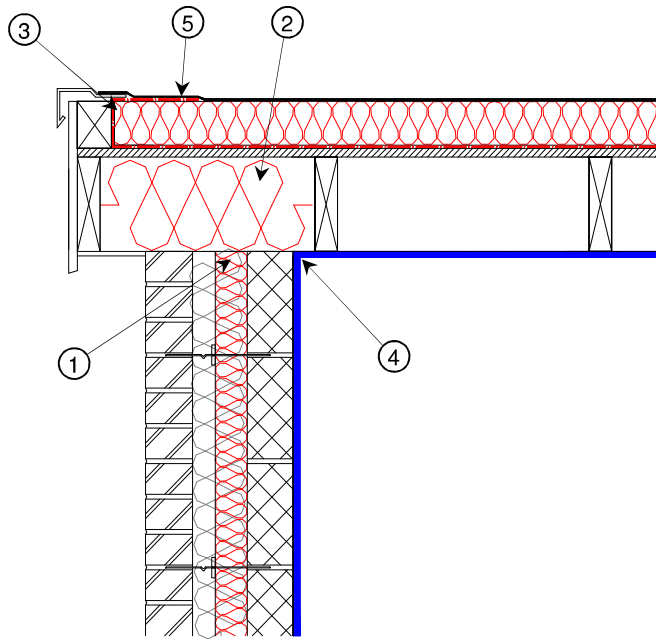
Date:

Produced by Broxbourne Borough Council

Building Control Services

Drawing 1 Rev Sept2013





Accredited (Indicative) Detail Number: MCI-RF-01

GENERAL NOTES

- Ensure that cavities are kept clean of mortar snots or other debris during construction.
- BS5250 requires a vapour control layer to be installed between the deck and insulation.
- Turn up vapour control layer at edge of roof insulation, lap with roof waterproofing layer, and seal. ⑤

The above indicative guidance illustrates good practice for the design and construction of interfaces only in respect to ensuring thermal performance and air barrier continuity. The above guidance must be implemented with due regard to all other requirements imposed by the Building Regulations.

CHECKLIST (TICK)

- ☐
- ☐
- ☐
- ☐

THERMAL PERFORMANCE OF JUNCTION

- Ensure the top of wall is level and that the wall insulation is taken up level with top of wall. ①
 - Fit the insulation over the top of the wall within the gable ladder. Fully fill the void ensuring that the insulation is installed tightly between the joists and is in contact with the roof deck. ②
 - Ensure that the full depth of over roof insulation over the joists extends to the edge of the roof. ③
 - Ensure that partial fill insulation is secured firmly against the inner leaf of the cavity wall.
- Complying with the above checklist items qualifies the builder to claim the Ψ value given in Table 3 of IP 1/06 and Table K1 of SAP 2005.*

CHECKLIST (TICK)

- ☐
- ☐

AIR BARRIER CONTINUITY

- Fix ceiling first and seal all gaps between the ceiling and masonry wall with either plaster, adhesive or flexible sealant. ④
 - Seal all penetrations through air barrier using a flexible sealant.
- Complying with all of the above checklist items will help achieve the design air permeability and may effect a reduced testing regime.*

OPTION (TICK)

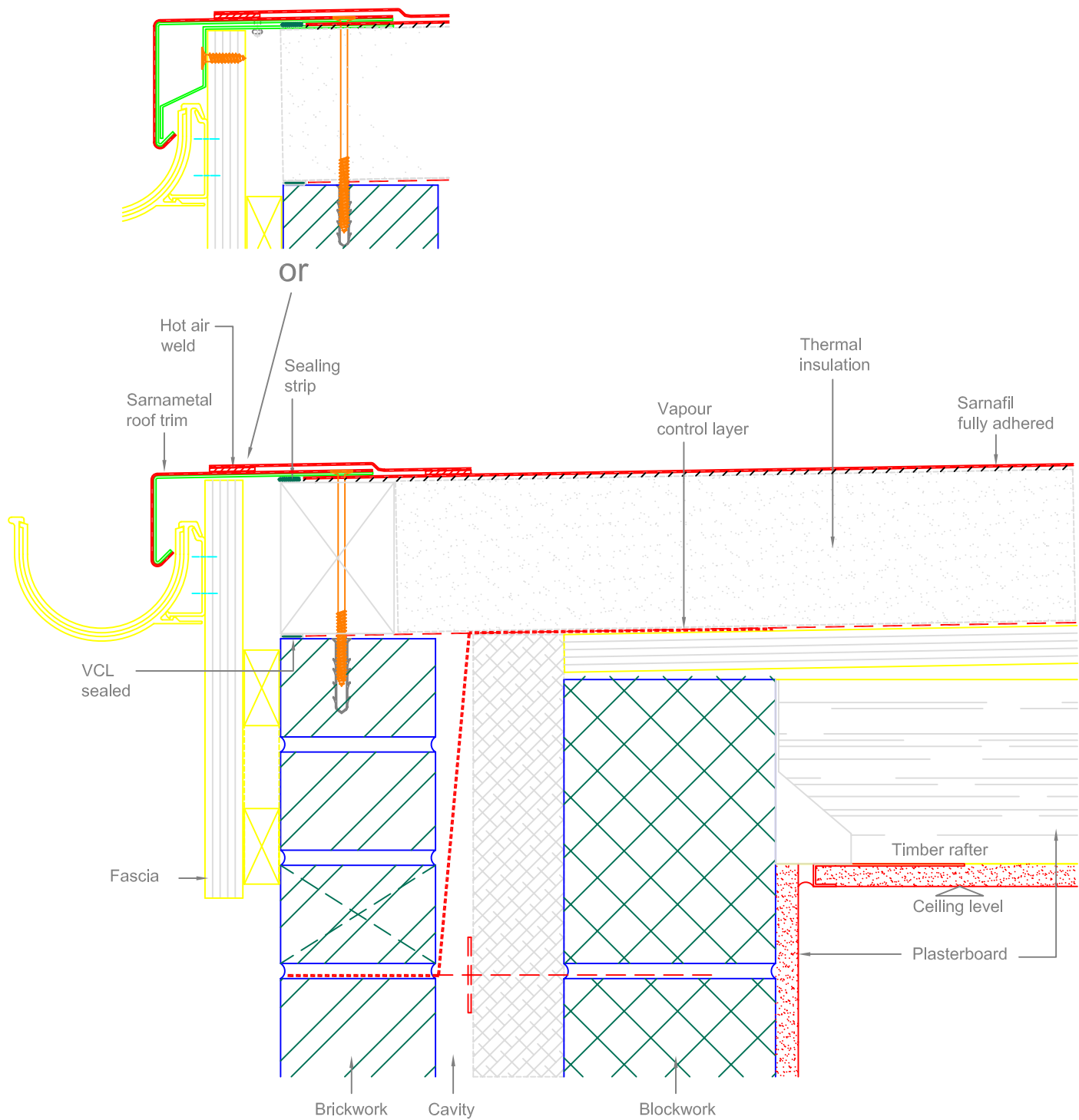
- ☐
- ☐
- ☐

AIR BARRIER OPTIONS


- Plaster coat, or
- Blockwork inner leaf/parging coat applied to internal face of inner leaf with plasterboard over
- Plasterboard on dabs with continuous ribbon of adhesive around all openings, along the top and bottom of the wall, and at internal and external corners.

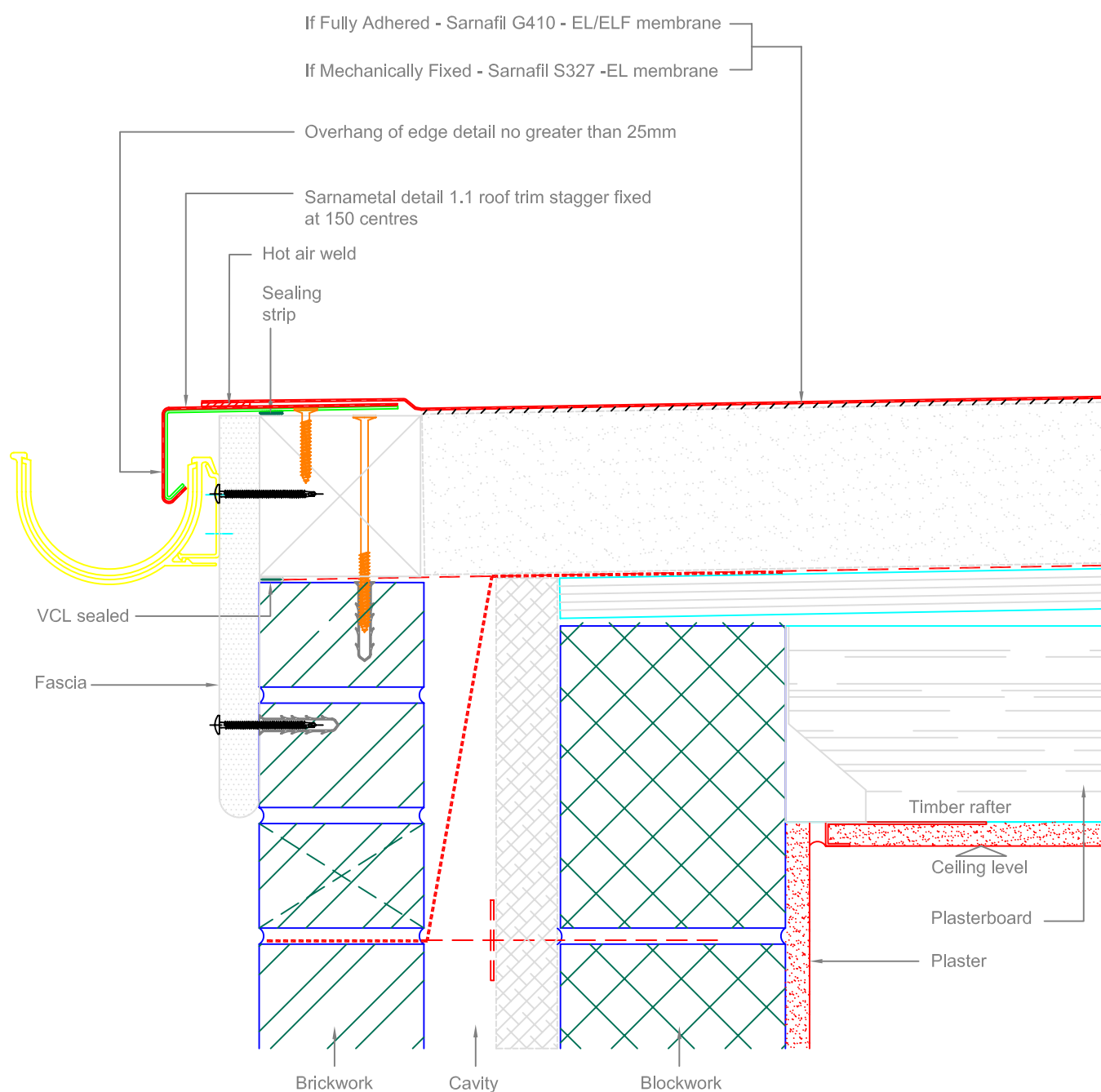
SITE MANAGER/ SUPERVISOR:	SITE NAME:	PLOT No:	DATE:

Ψ (W/m.K)	Default Ψ (W/m.K)	Default Ψ achieved	Temp Factor (f)	f > 0.75 achieved
0.073	0.33	✓	0.93	✓




Sketch to be read in conjunction with written specification

Designed by HJT	Checked by NGB	Approved by - date	Drawing No. 131 TI	Date JULY 08	Scale 1:4
		Drawing Title EAVES GUTTER - FULLY ADHERED			
		Project No.			Edition A
					Sheet



Note:
 Only suitable for roofs less than 7m high and 100sqm in area,
 see detail 1.3.g for all other roofs
 If trim depth is > 55mm face fixings will be required behind covertapes.
 For > 110mm trim depth cleat fixed at 250mm centres.

Sketch to be read in conjunction with written specification

Designed by	Checked by	Approved by - date	Drawing No. 1.3B	Date NOV.2007	Scale 1:5
		Drawing Title Warm roof gutter drip edge Building less than 7m high			
		Project No.			Edition Sheet

required in this space

Fig. 12.19 Pictorial view of a warm deck roof construction.

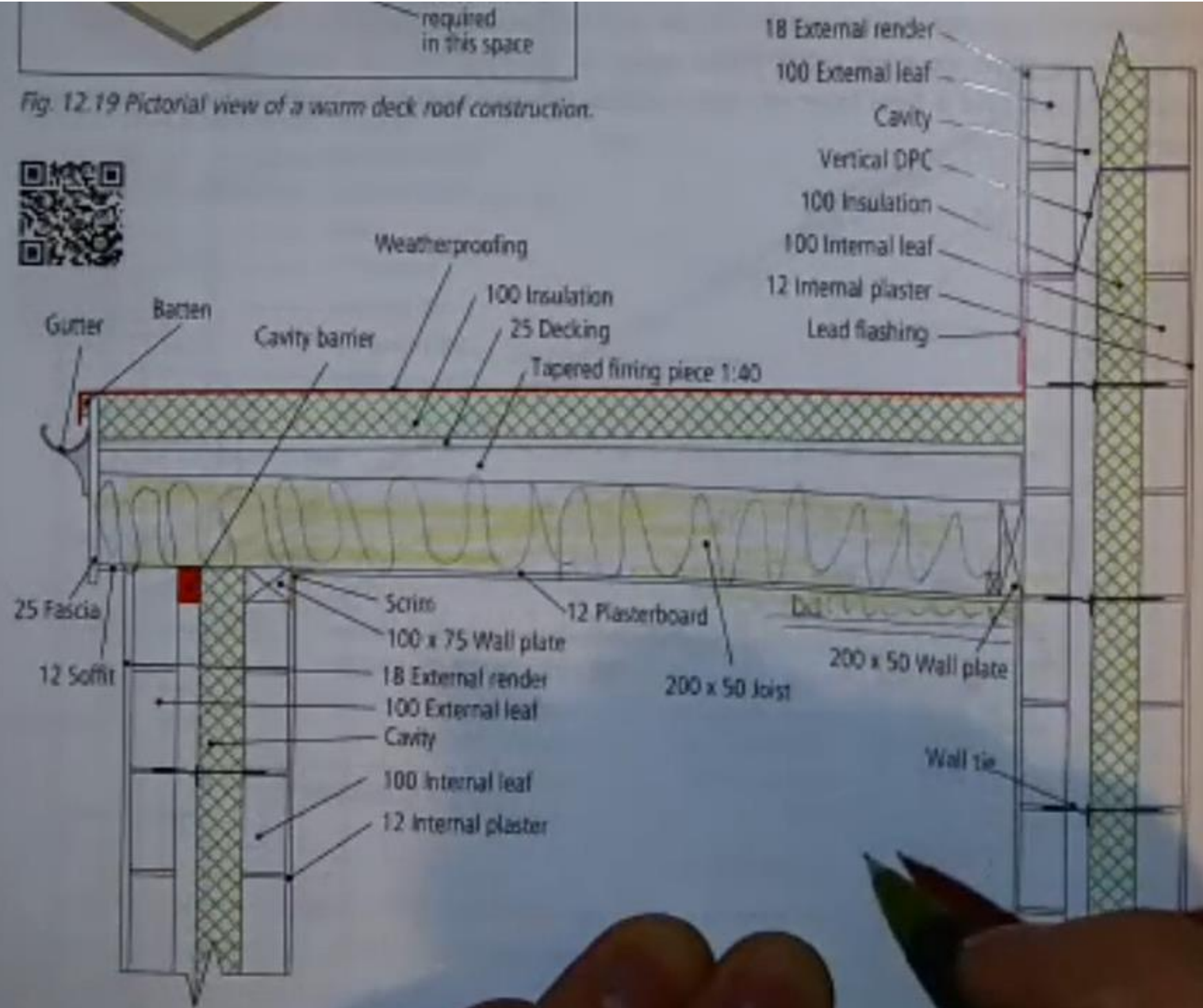


Fig. 12.20 Flat roof abutment: warm deck