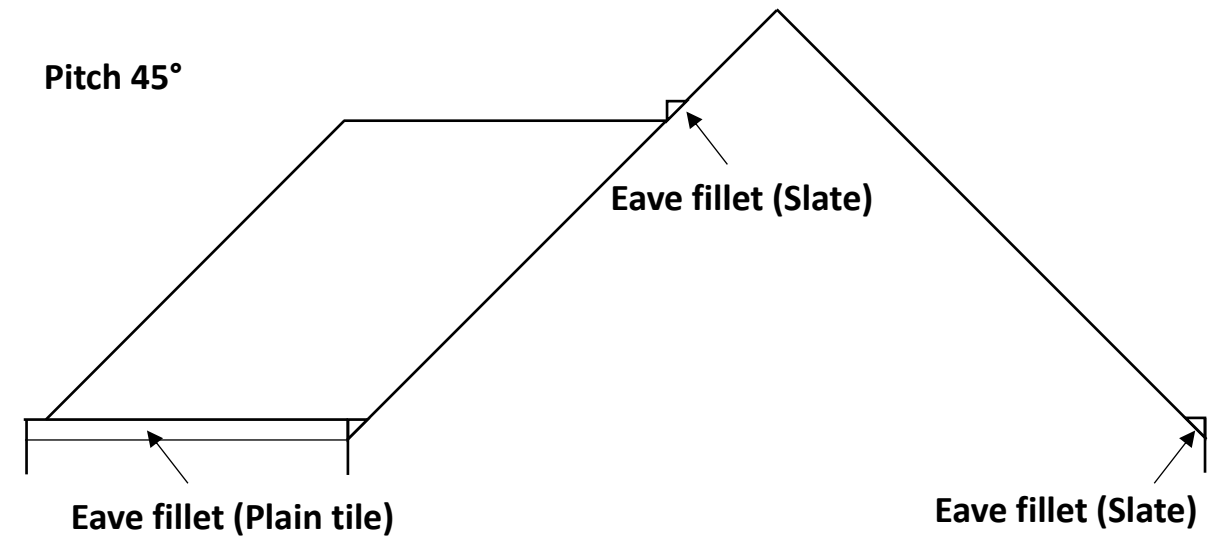
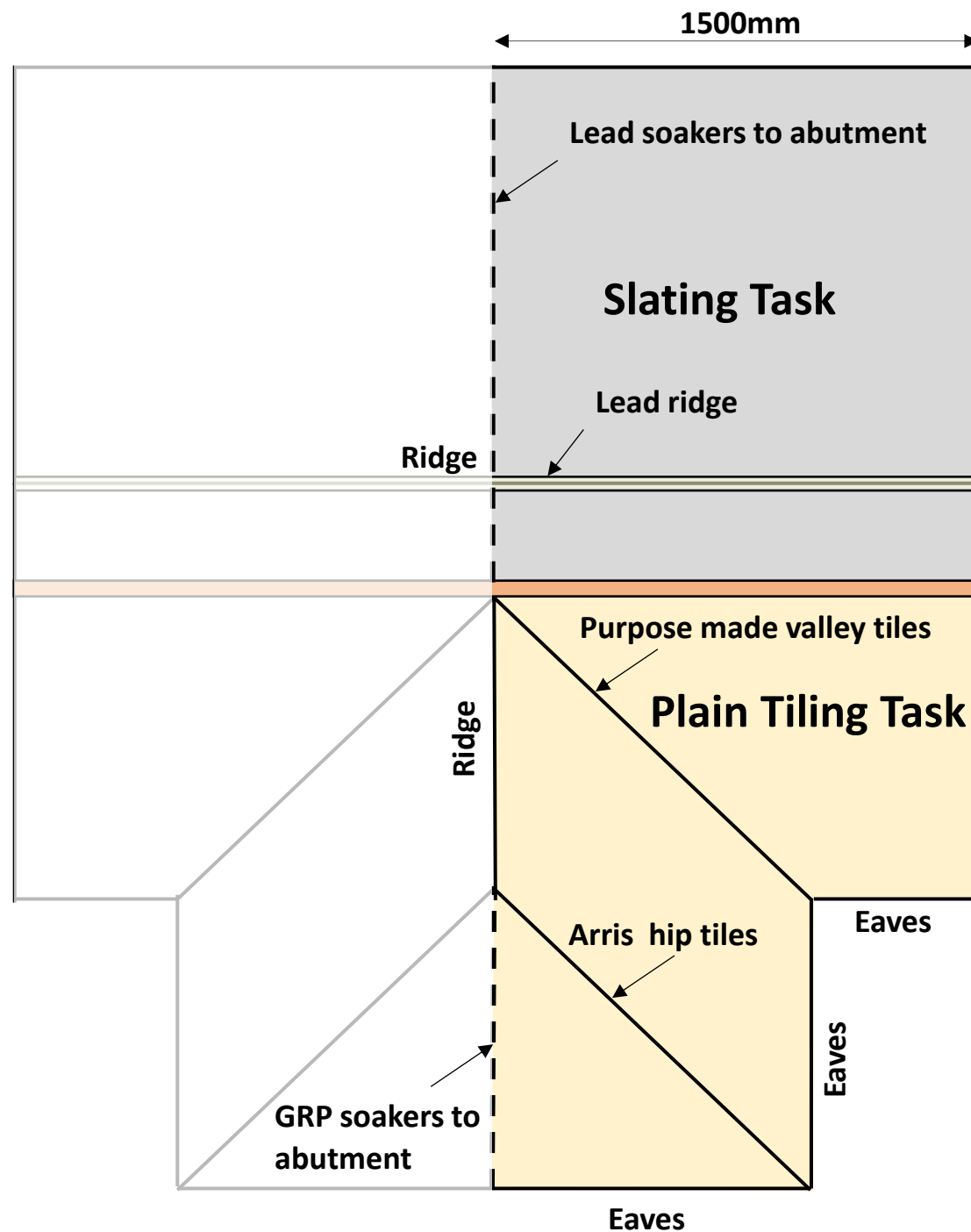
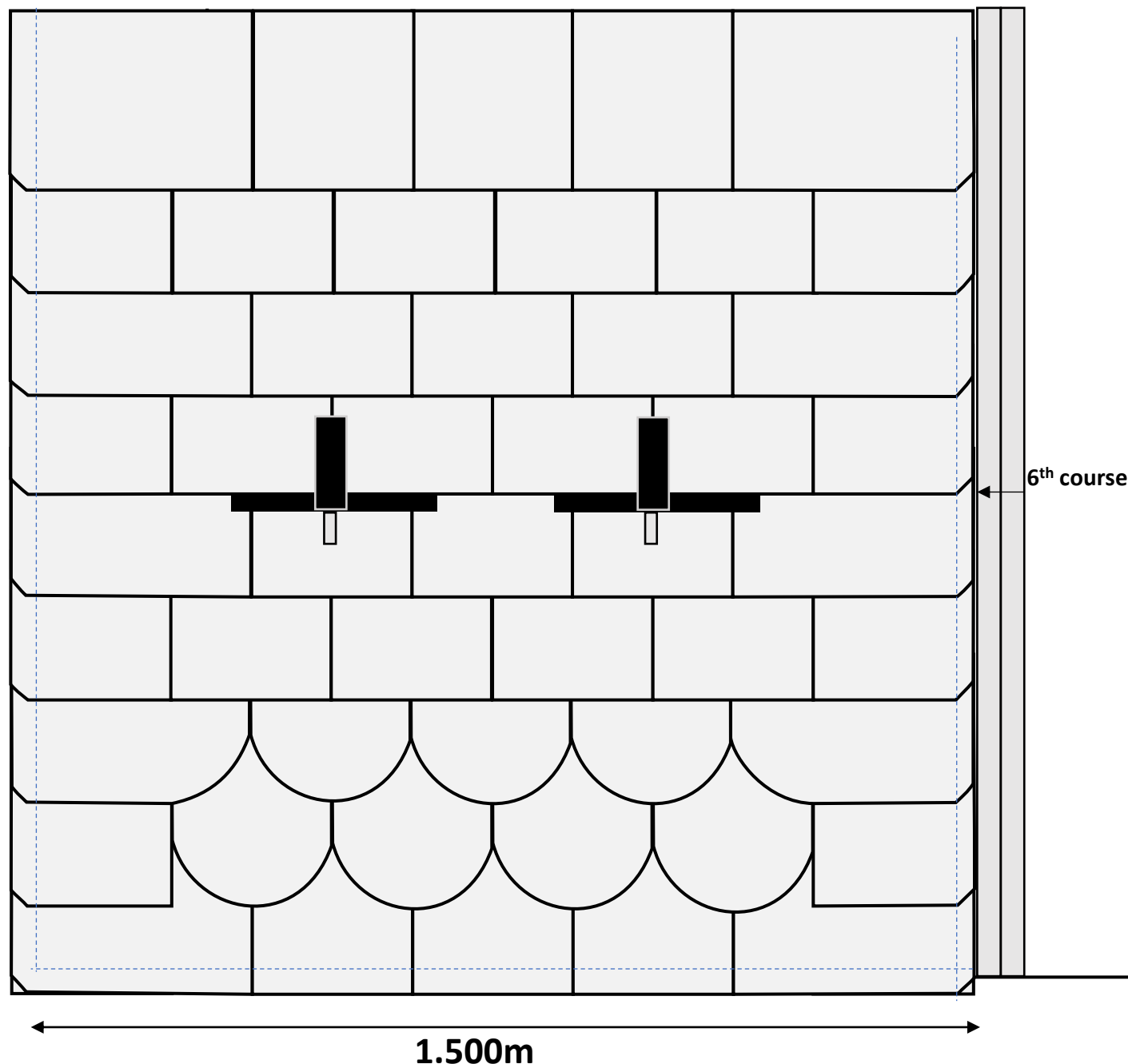






Slating Task

- Position and fix 5U underlay
- Felt roof maintaining 150mm overlaps
- Batten roof for 500 x 250mm slates with a 90mm headlap
- Form and position code 3 lead soakers at abutment
- Slate overhang at verge 40mm
- Form a 25mm chamfered edge at verge and abutment slate
- Form half round ornate detail to 2nd and 3rd course
- Position and fit roof anchor brackets on 6th course
- Install SolarFlash and solar bars to manufacturers instructions
- Form a ridge detail with ridge roll and code 4 lead

Natural Slate to a verge and abutment incorporating solar brackets and an ornamental detail.

Lead soakers to abutment

Wood roll with four 50mm lead straps and code 4 lead to ridge.

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Roof Anchor/Bracket (relevant on all installations)

3

Points to note:

- Some roof anchors/brackets available on the market are fundamentally not conducive with any flashing.
- Any contact between the roof anchor/bracket with the roofing material makes the roofing material load bearing.

Therefore:

- The elbow of the bracket must give at least 30mm clearance from the rafter to bend down the roof i.e. the elbow should be no less than 30mm deep and then can be made to work with shims (packing). Brackets with clearance of 40/45mm from the rafter probably won't need shims.
- Shims (packings) are used to lift the roof anchor/bracket away from the slate underneath the bracket.

NB: Any contact between the flashing and the roof anchor/bracket could cause a problem. The roof anchor/bracket is a moveable projection from the roof and must be allowed to move. The SolarFlash hood is designed to elevate above the roof anchor/bracket.

****There is a foam included in every kit** This must be used. It is required to seal the hood. The foam was designed with snow in mind, it's there to stop wind taking light snow into the roof.**



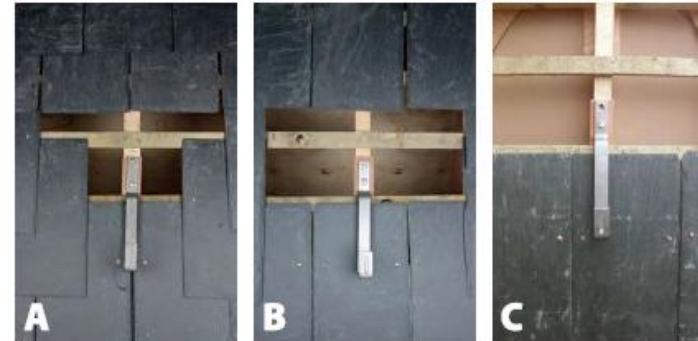
Slate roof showing 30mm clearance

SLATE
REFIT #1

4

Roof Anchor Positions

- Once the roof is opened and the rafter located, the position of the roof anchor/bracket is now determined.
- The positions of A, B and C (see below) are the **only** places that the rafter can land in relation to the slate.



- A. Rafter lands where two slates join on the rafter.
- B. Rafter lands in the middle of a slate.
- C. Rafter lands somewhere between the middle and the edge of a slate.

- Consequently, there are **only** three possible variations of cuts to the slates. See Page 5.

NB: Bracket shown is a Fischer bracket. Used for demonstration purposes only. Other brackets are available and compatible

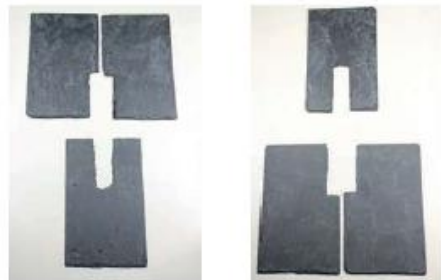
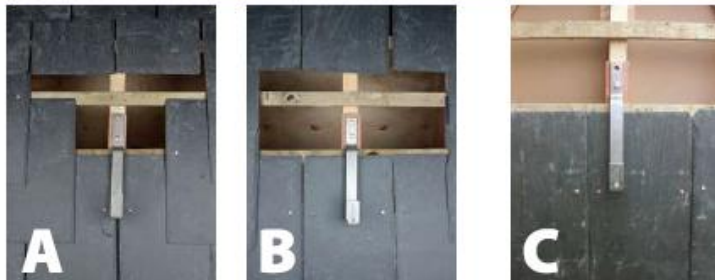
Cutting Slates for Positions A, B and C

5

SLATE
REFIT #2

When installing on an existing roof, the bottom slates do not need to be removed, and can be cut in situ with an angle grinder.

Please see the demo video on the website.



Note re. above: One cut below roof anchor/bracket means two cuts above the flashing (A) and vice versa (B).



Note: Position C could fall either side of centre and only needs two cuts; one under and one over the roof anchor/bracket.

SLATE
REFIT #3

6

Installing SolarFlash (Refit)



Step 1: Fix foam to bracket drop.



Step 2: As a guide, slate sizes are marked on the SolarFlash.

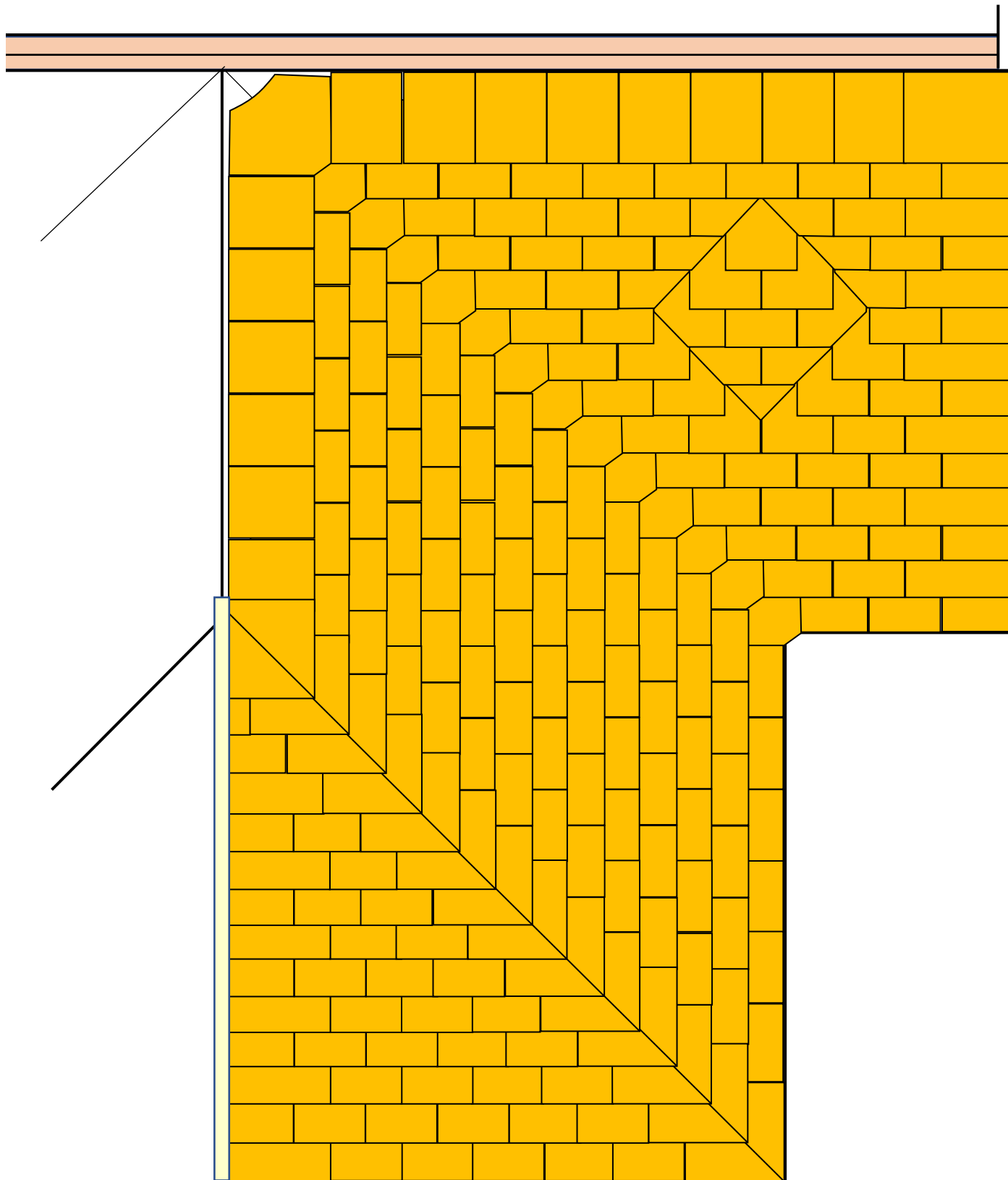


Step 3: SolarFlash can be trimmed or nailed through. If nailing through, ensure relevant line for slate size centres on the batten. Apply pressure to hold SolarFlash solid when nailing through.



Step 4: Cut slates around the hood of the SolarFlash as per Page 4.

The top of the cut SolarFlash should sit in the centre of the batten.



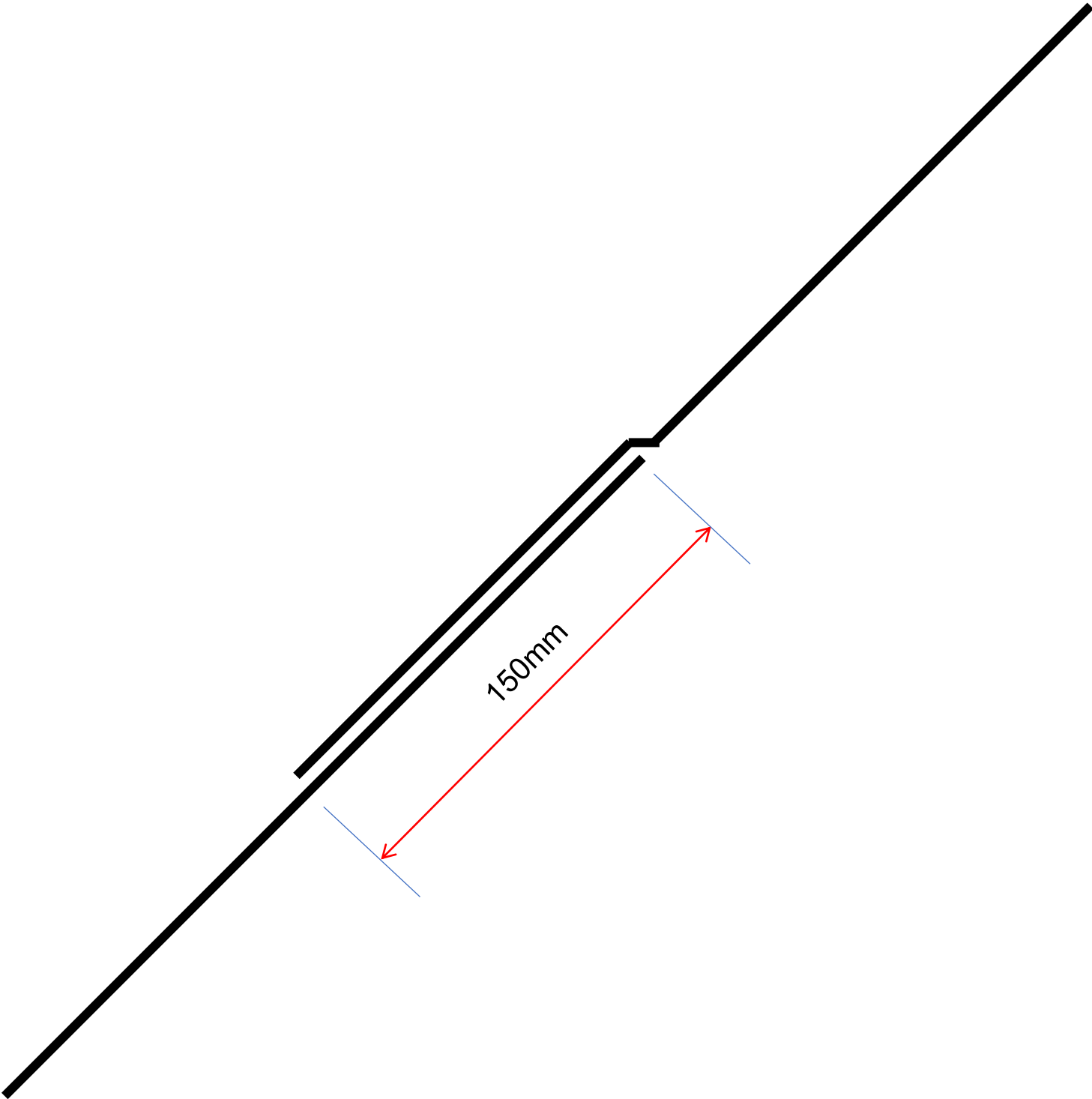
Plain Tiling Task

- Position and fix 5U underlay
- Felt roof maintaining 150mm overlaps
- Batten roof for Marley clay plain tiles, purpose-made valley tiles and arris hip tiles
- Position and fit GRP soakers at abutment
- Form a wet verge detail with cement fibre and mortar to a 40mm overhang
- Form an ornate panel to the roof

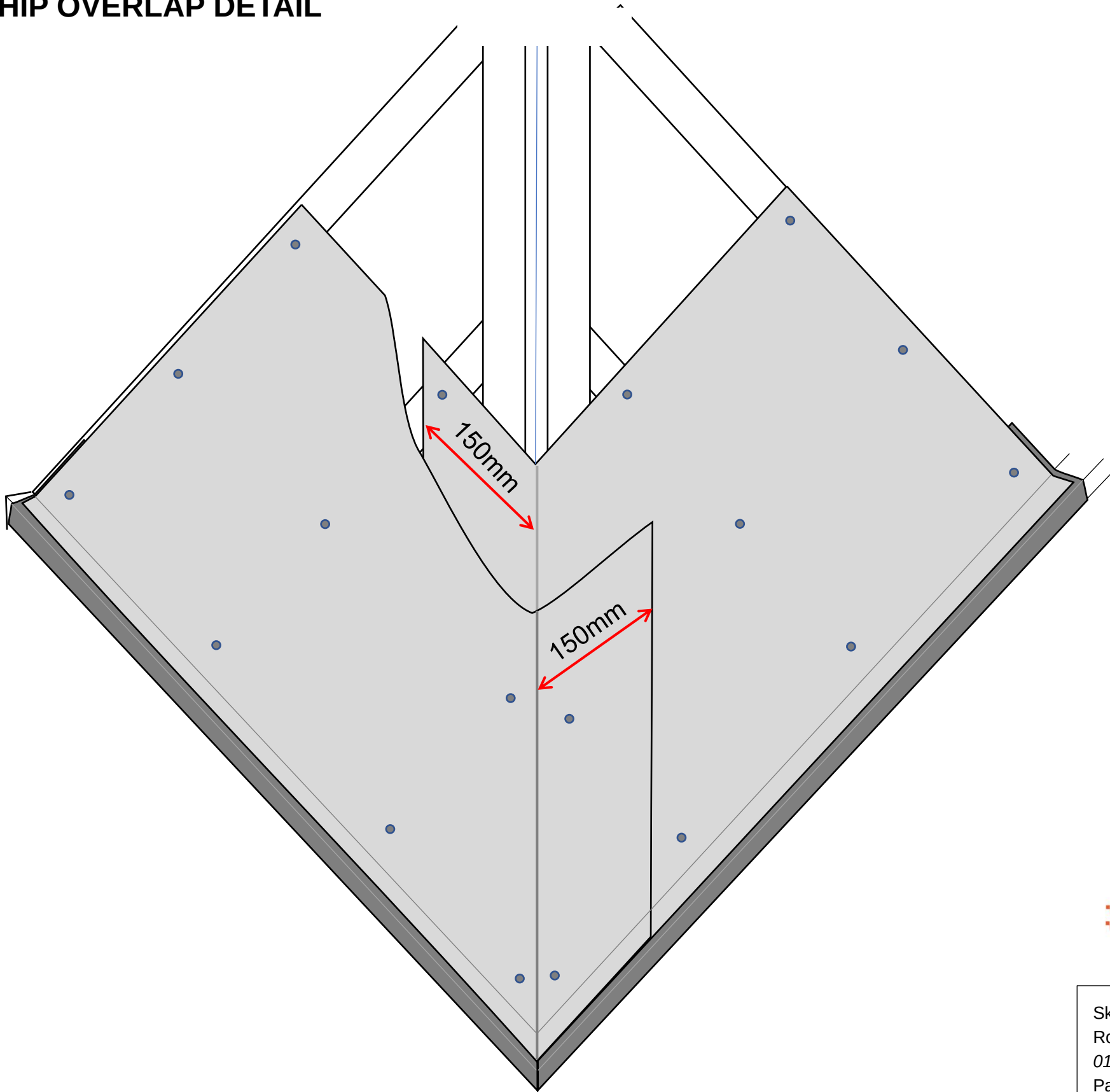
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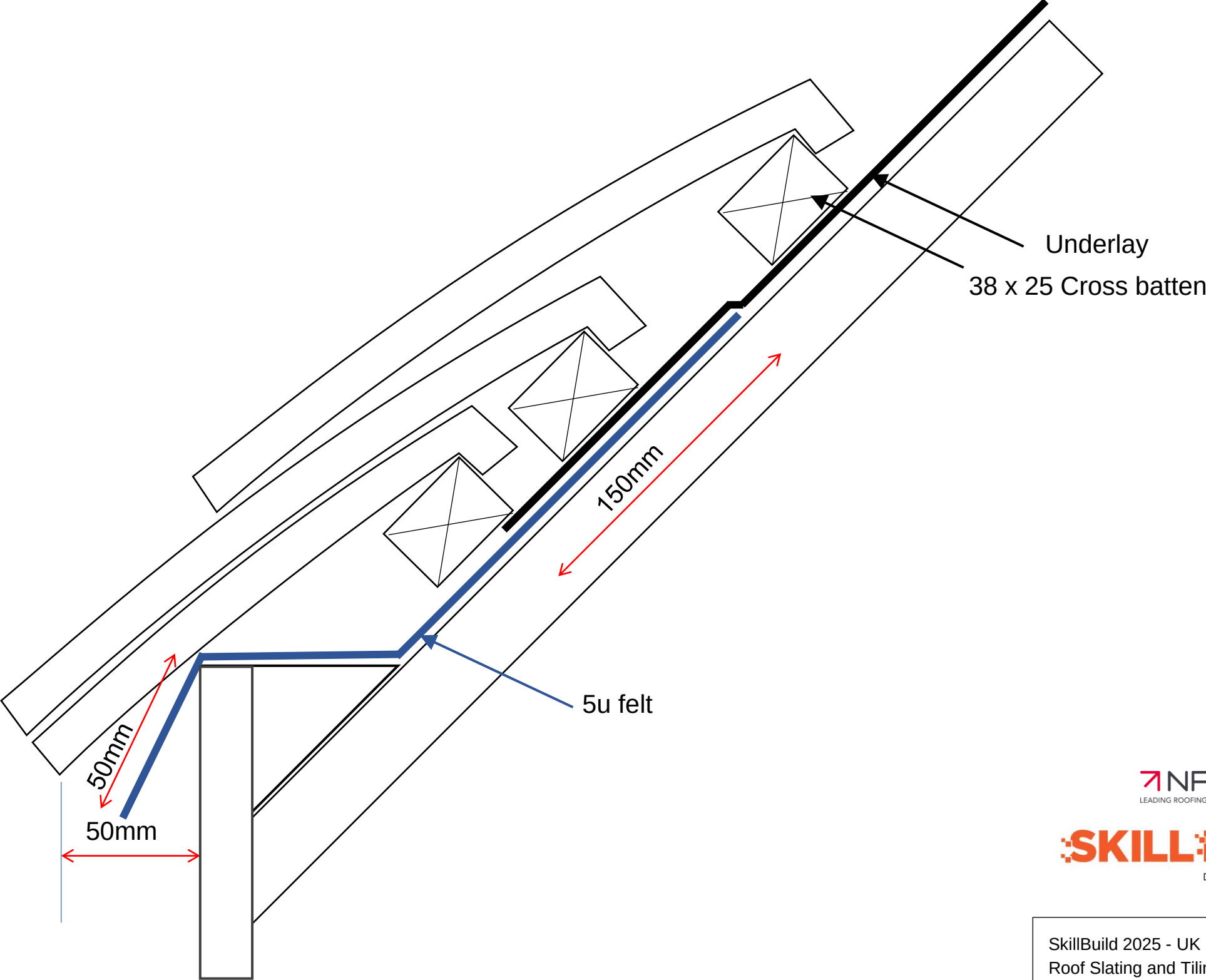
UNDERLAY HORIZONTAL LAP DETAIL



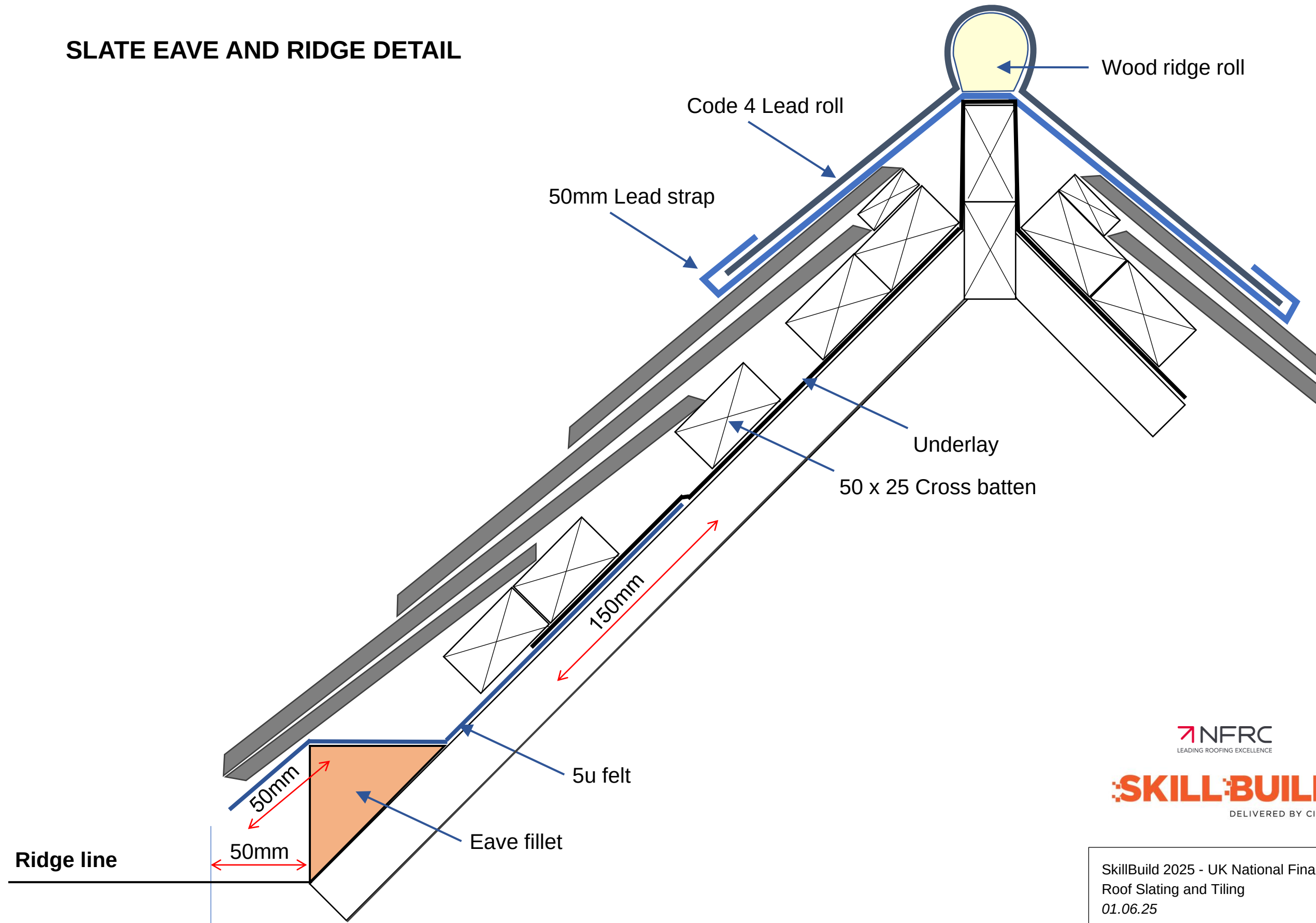
UNDERLAY HIP OVERLAP DETAIL



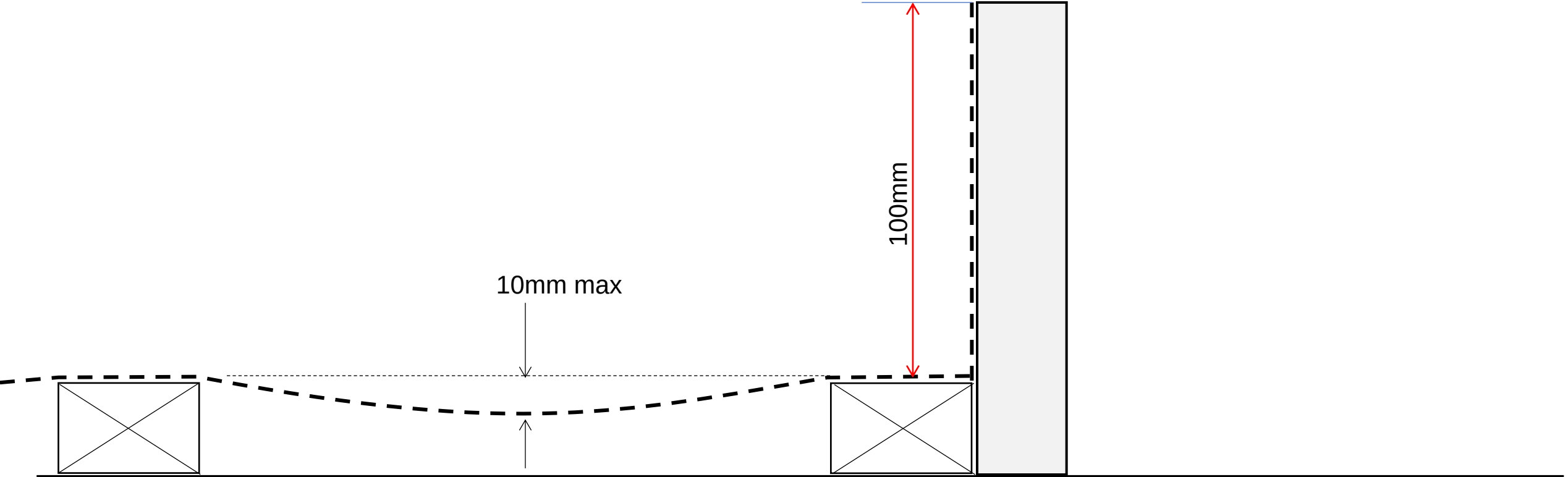
PLAIN TILE EAVE DETAIL



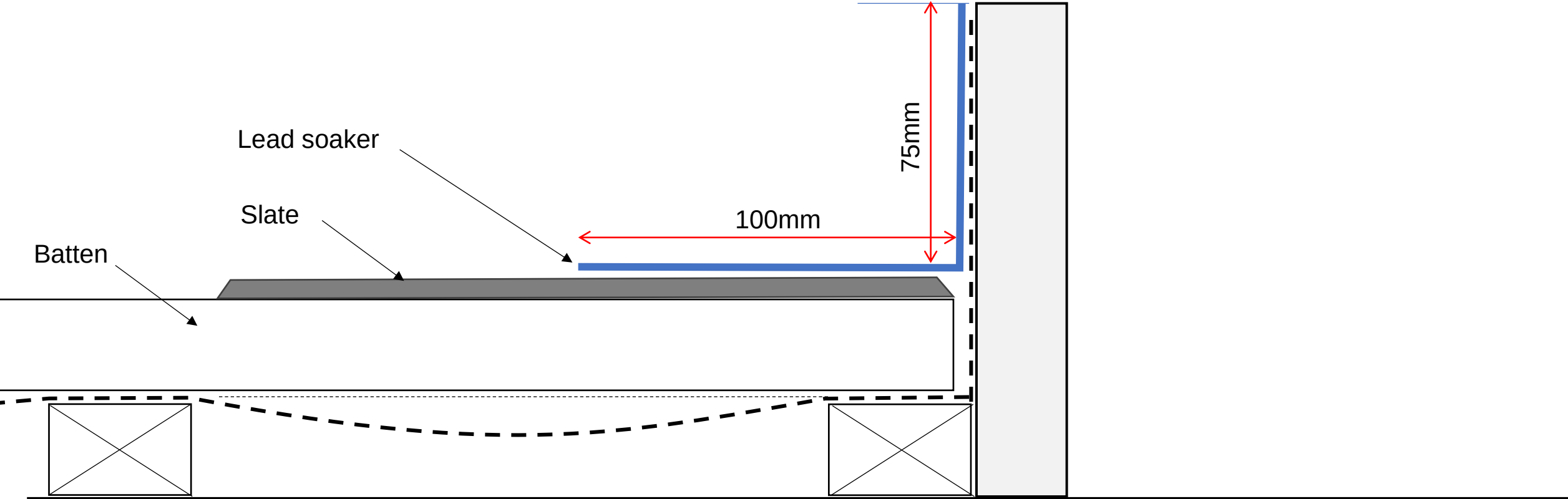
SLATE EAVE AND RIDGE DETAIL



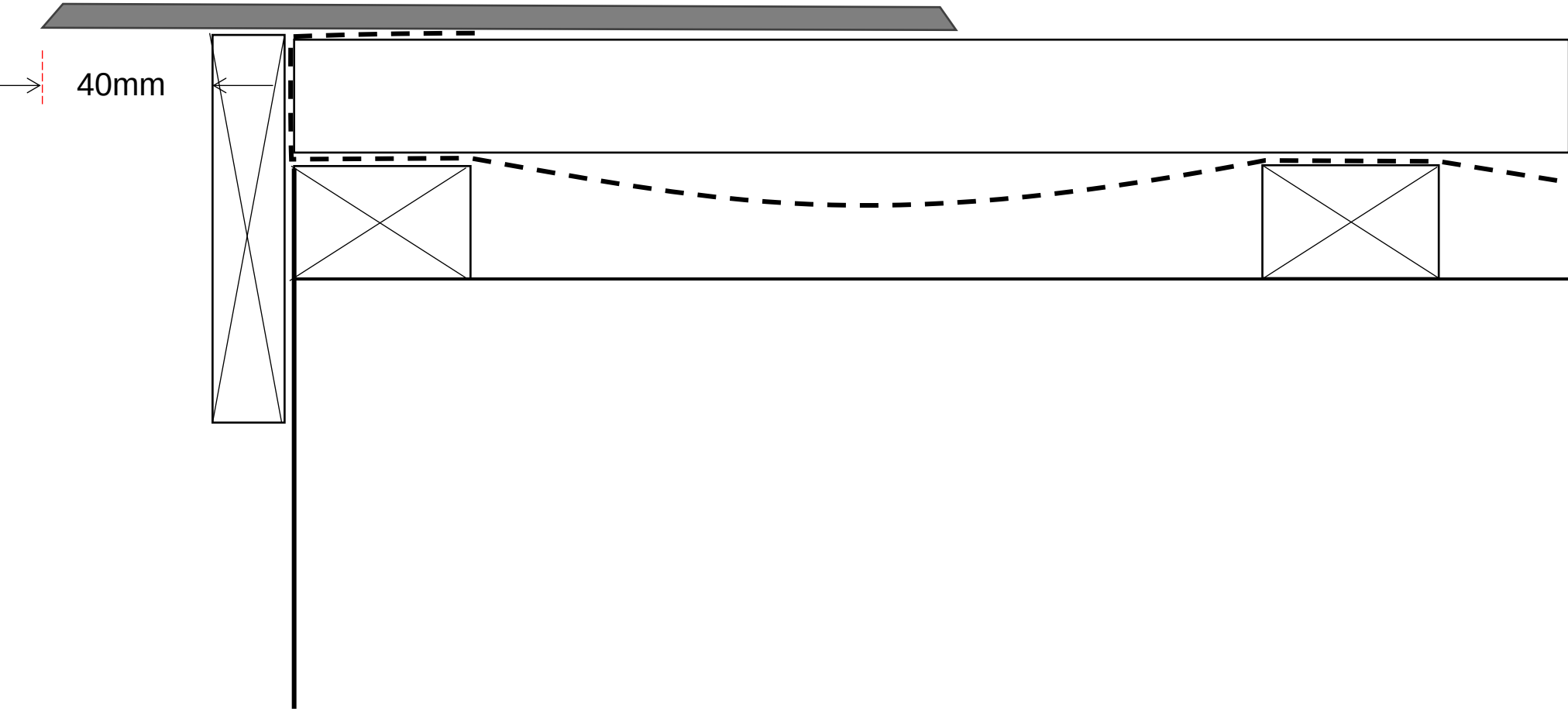
UNDERLAY ABUTMENT DETAIL



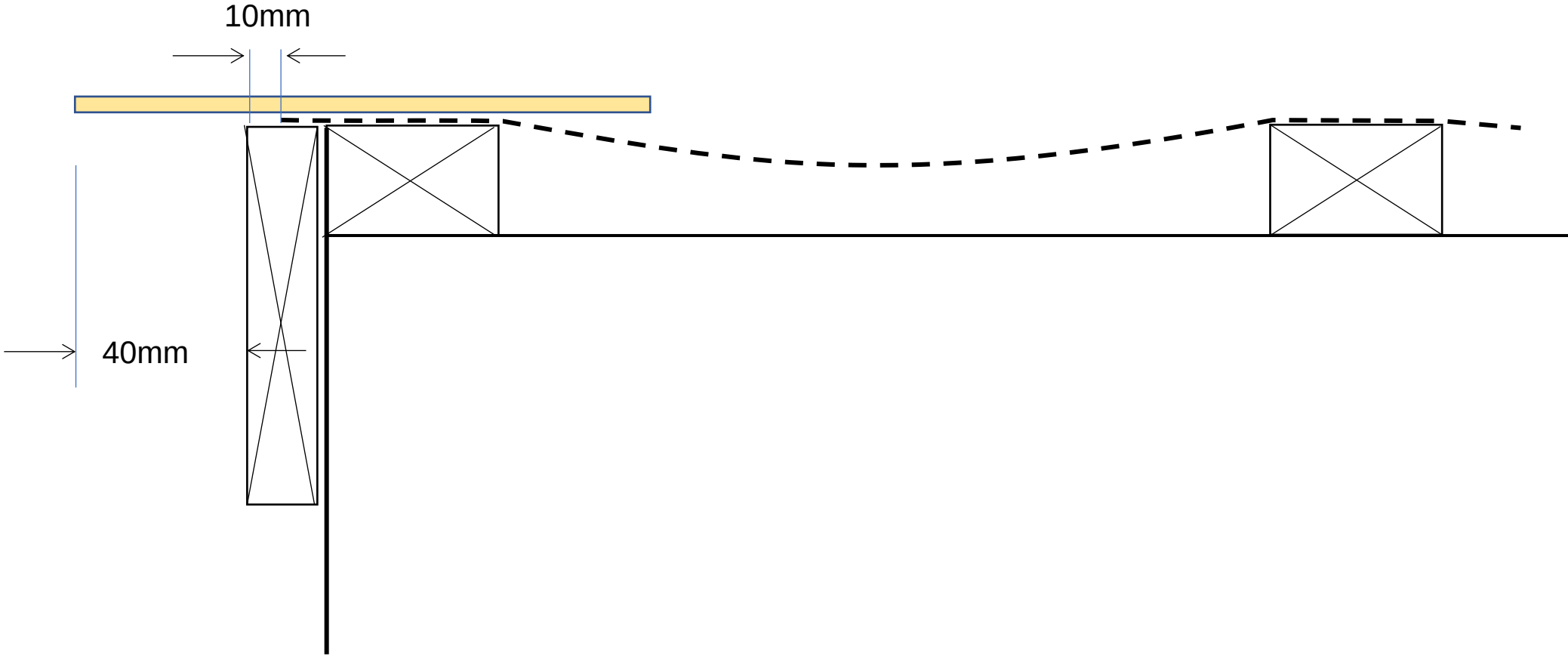
SLATE ABUTMENT DETAIL



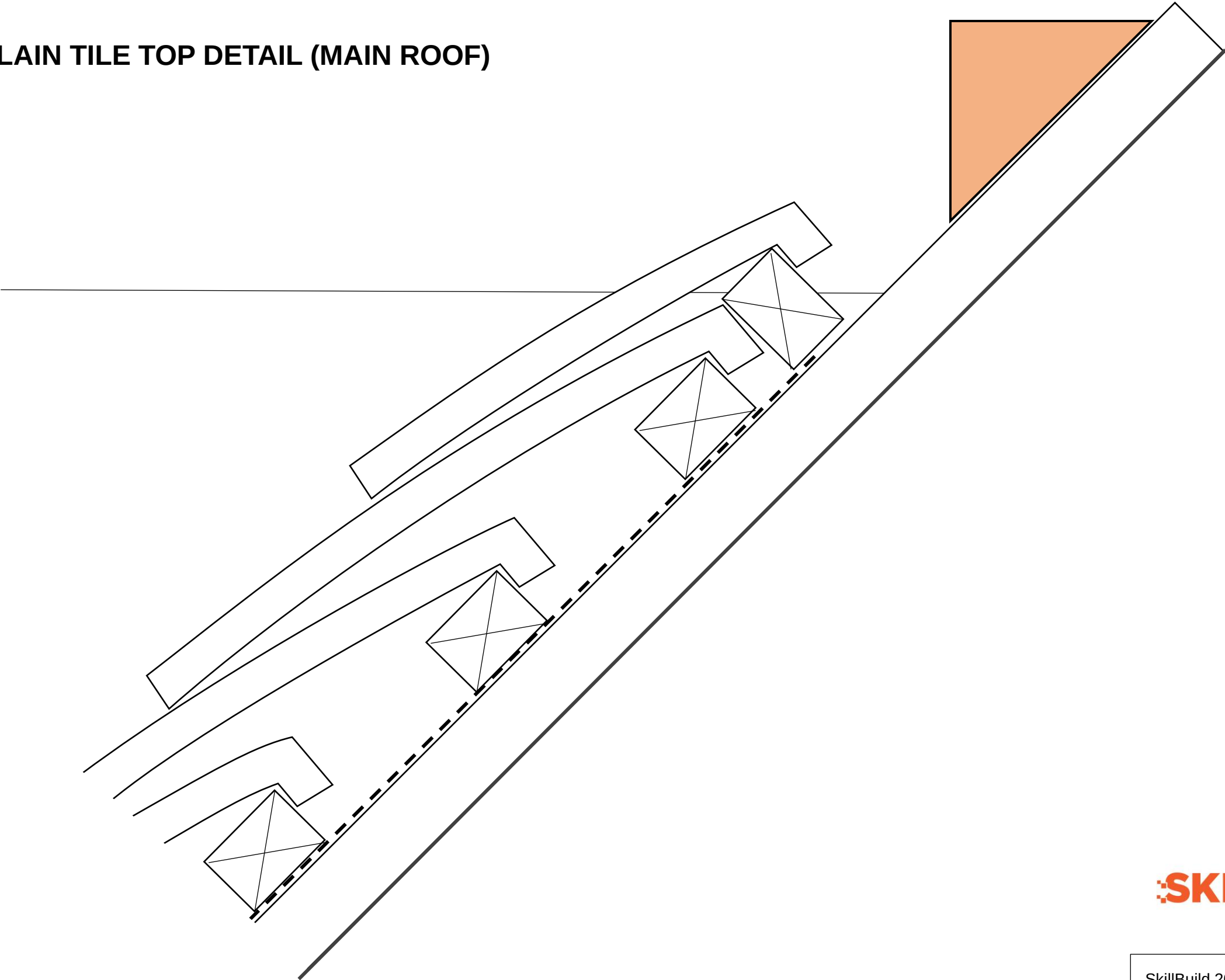
SLATE VERGE DETAIL



PLAIN TILE UNDERCLOAK VERGE (Wet) DETAIL



PLAIN TILE TOP DETAIL (MAIN ROOF)



BATTEN HIP DETAIL

