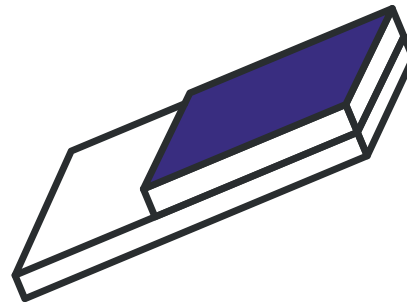




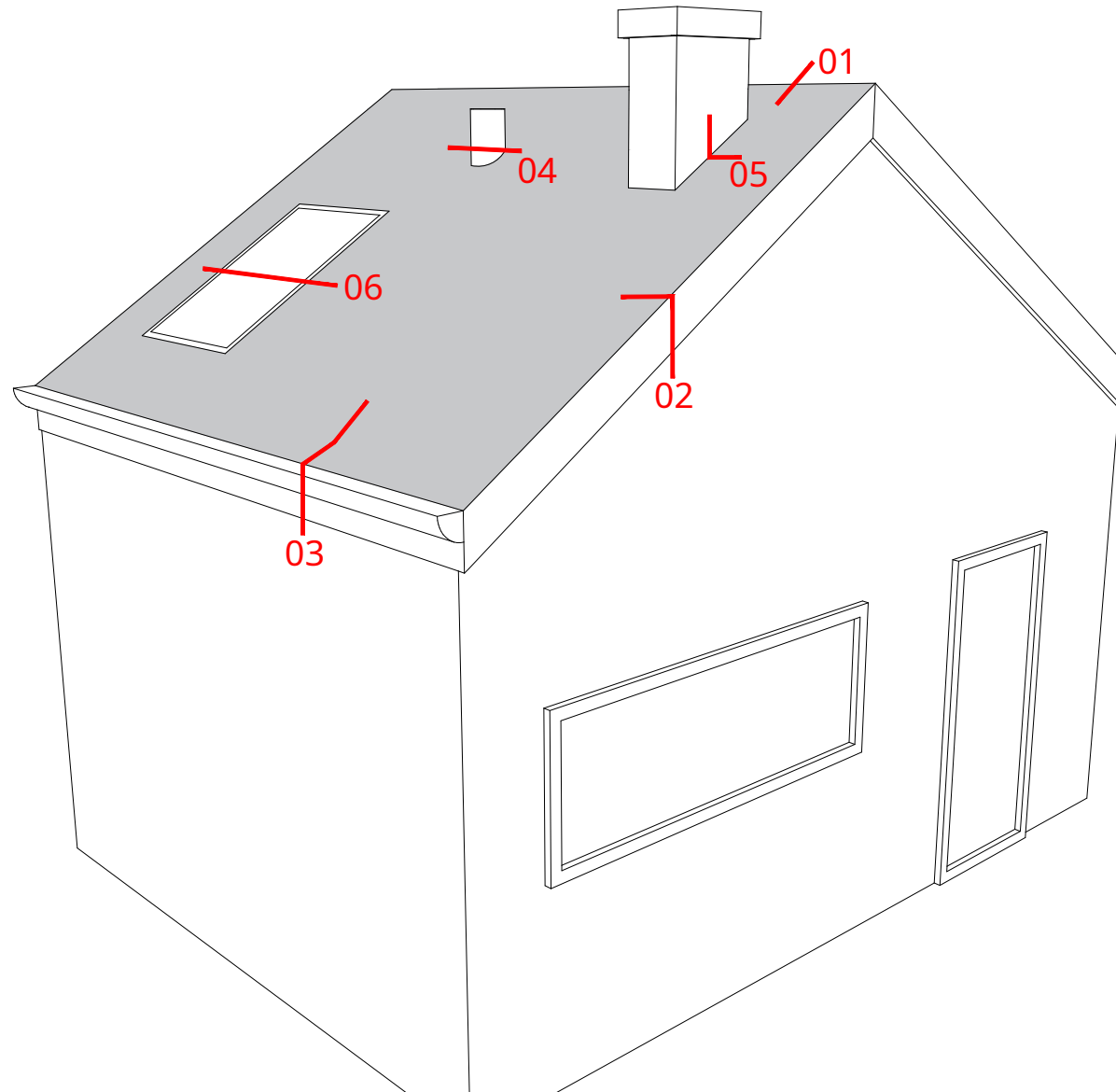
sound insulation • decorative acoustics

PHONOTECH DK ASSEMBLY INSTRUCTIONS

SLOPED ROOF



+32 (0)87 33 33 30
info@phonotech.com
www.phonotech.com



Detail 1. Vertical section at the eave

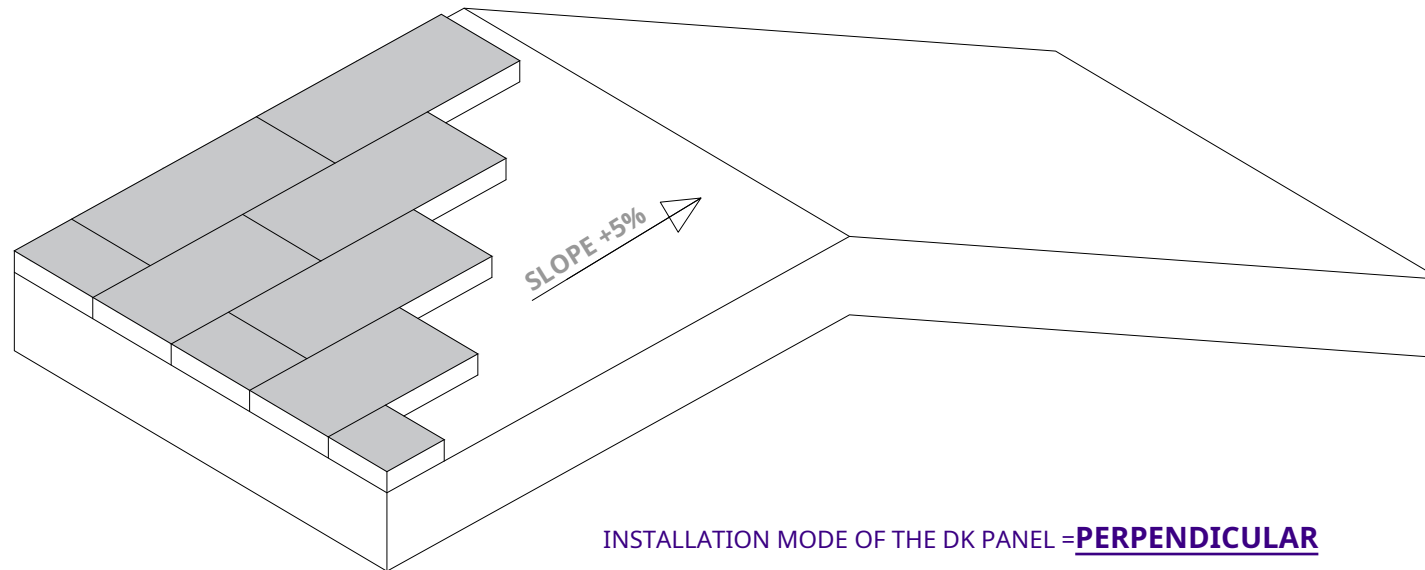
Detail 2. Vertical section at the eave

Detail 3. Vertical section at the gutter

Detail 4. Cut at technical passage (ventilation, etc.)

Detail 5. Cut to the right of chimney

Detail 6. Section of a roof window



As a reminder, in accordance with the instructions for installing “PHONOTECH DK” acoustic panels:

1) Fixing the acoustic mattress rules on the particle boards:

Ø4.8 mm screw in SUPERCOAT 2C treated case-hardened steel, Ø12mm flat head, characteristic resistance PK to tearing in a wooden support ≥ 150 daN (for a support thickness of 18mm, according to standard NF P 30-310).

The screw length is:

- * 50mm if the supporting particle board is single layer;
- * 65mm if the supporting particle board is in double layer of one thickness \geq at 32mm

Example: ETANCO EVF screw

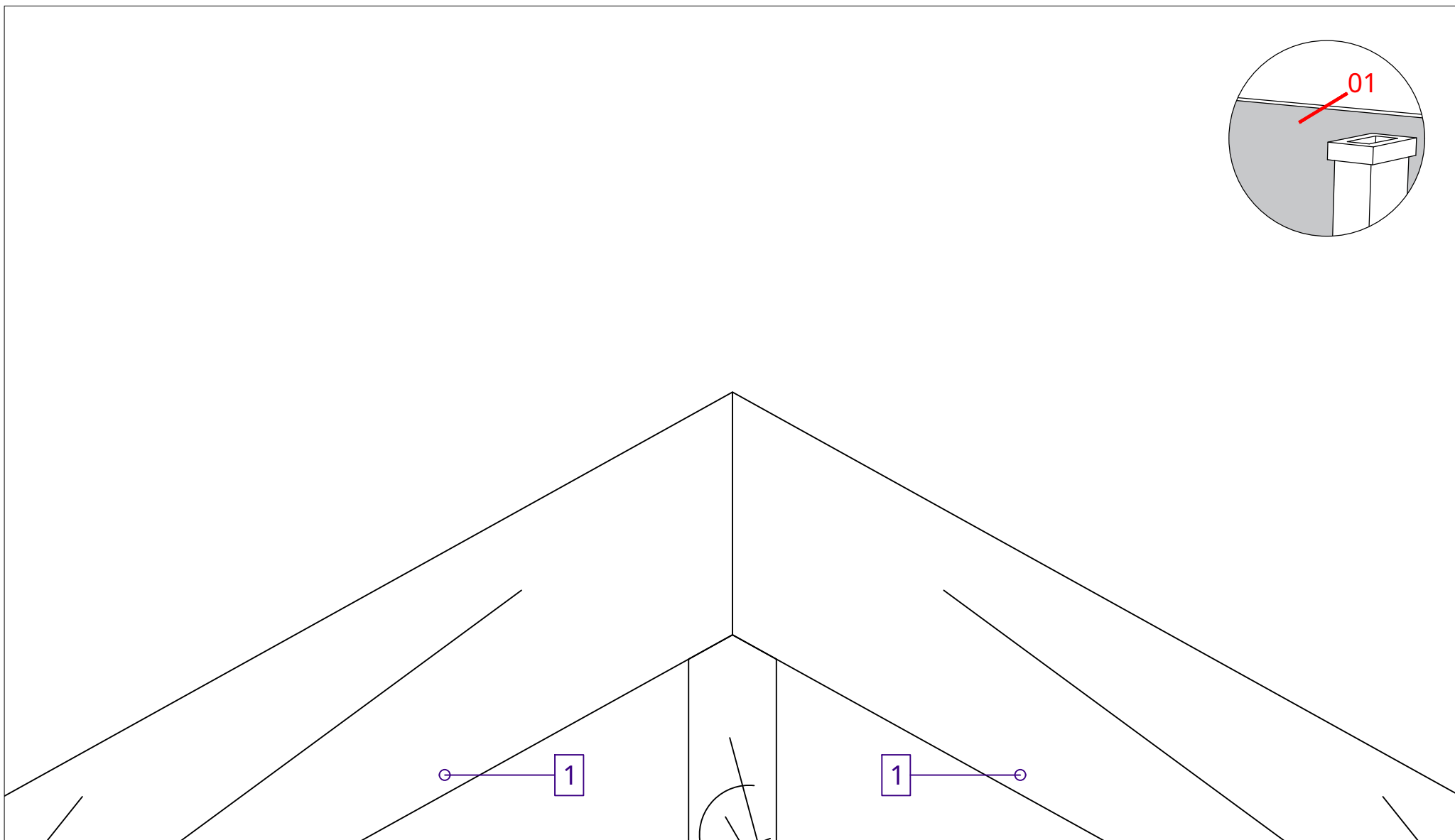
The screw is associated with a zinc-plated steel washer 1.25mm thick, with an external \varnothing of 30mm and a hole of $\varnothing 6.4$ mm.

2) Fixing the PHONOTECH DK particle board to an assembly rule (RM) or starting rule (RD):

Screw Ø4.8 mm x 50mm (length) in case-hardened steel treated with SUPERCOAT 2C, flat head Ø12mm, characteristic resistance PK to tearing in a wooden support ≥ 150 daN (for a support thickness of 18mm, according to standard NF P 30-310).

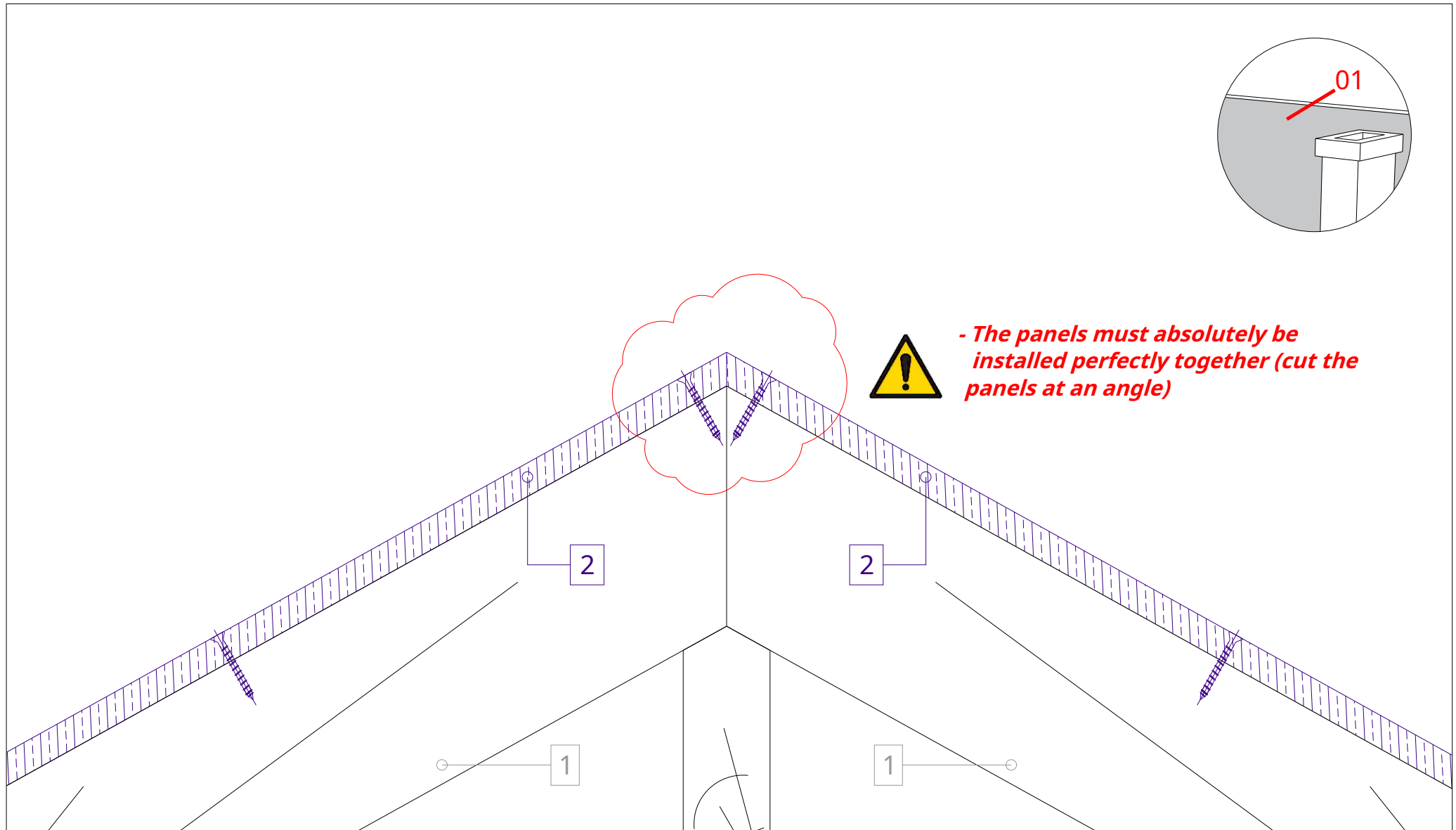
Example: ETANCO EVF screw

3) For an improvement or advice on the acoustics of your home, contact our “studies” department should be made



- 1. Supporting structure (frame) of the roof
- 2. P5 grooved/tongued chipboard, installation with alternate joints
- 3. PHONOTECH RD starting rule (in the direction of the slope)
- 4. PHONOTECH DK acoustic panels (600 x 1200 mm)

- 5. Under-roof membrane
- 6. Counter-slats at the joints of PHONOTECH DK panels (every 600mm)
- 7. Battens
- 8. Roof covering

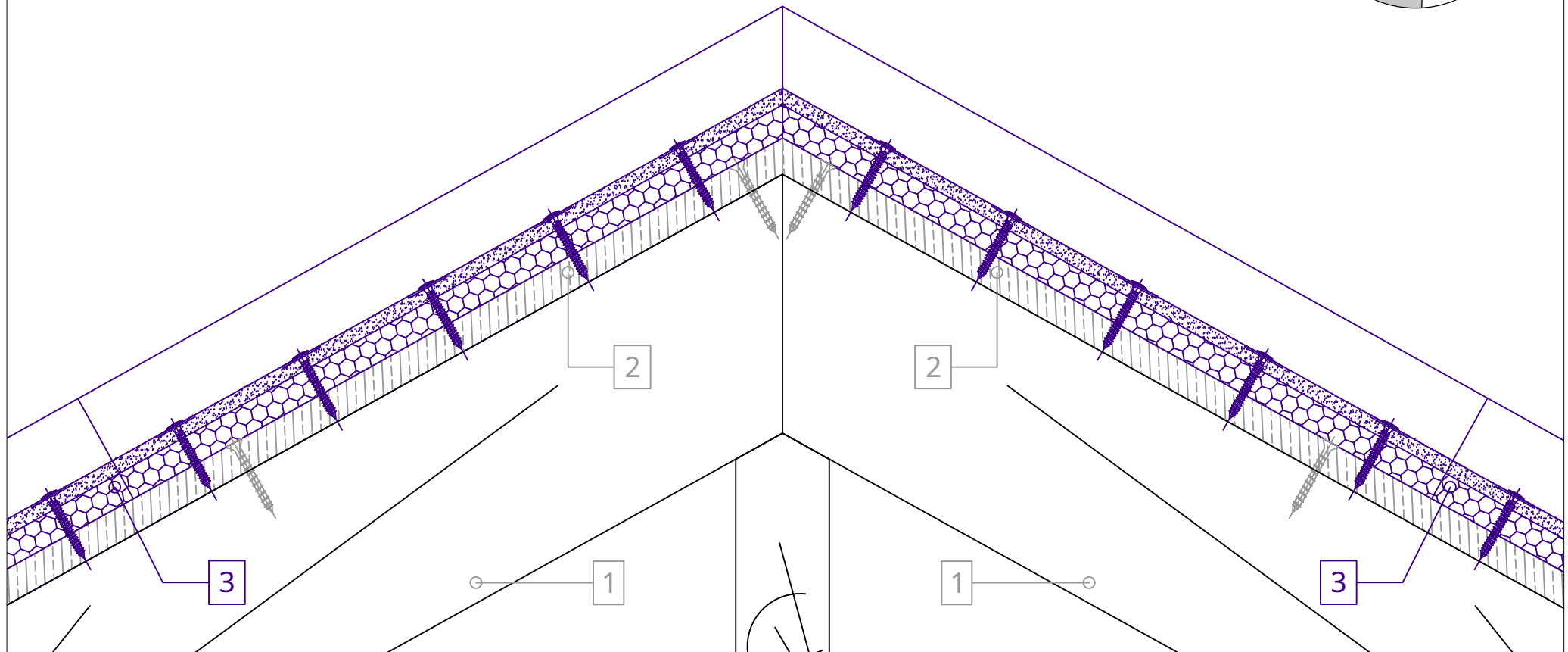
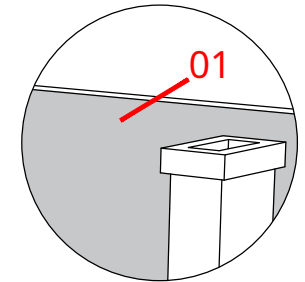


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- *Compress the mattress for tightening*
- *The last rule is to cut to size*
- *The rulers are cut at an angle for a perfect junction*

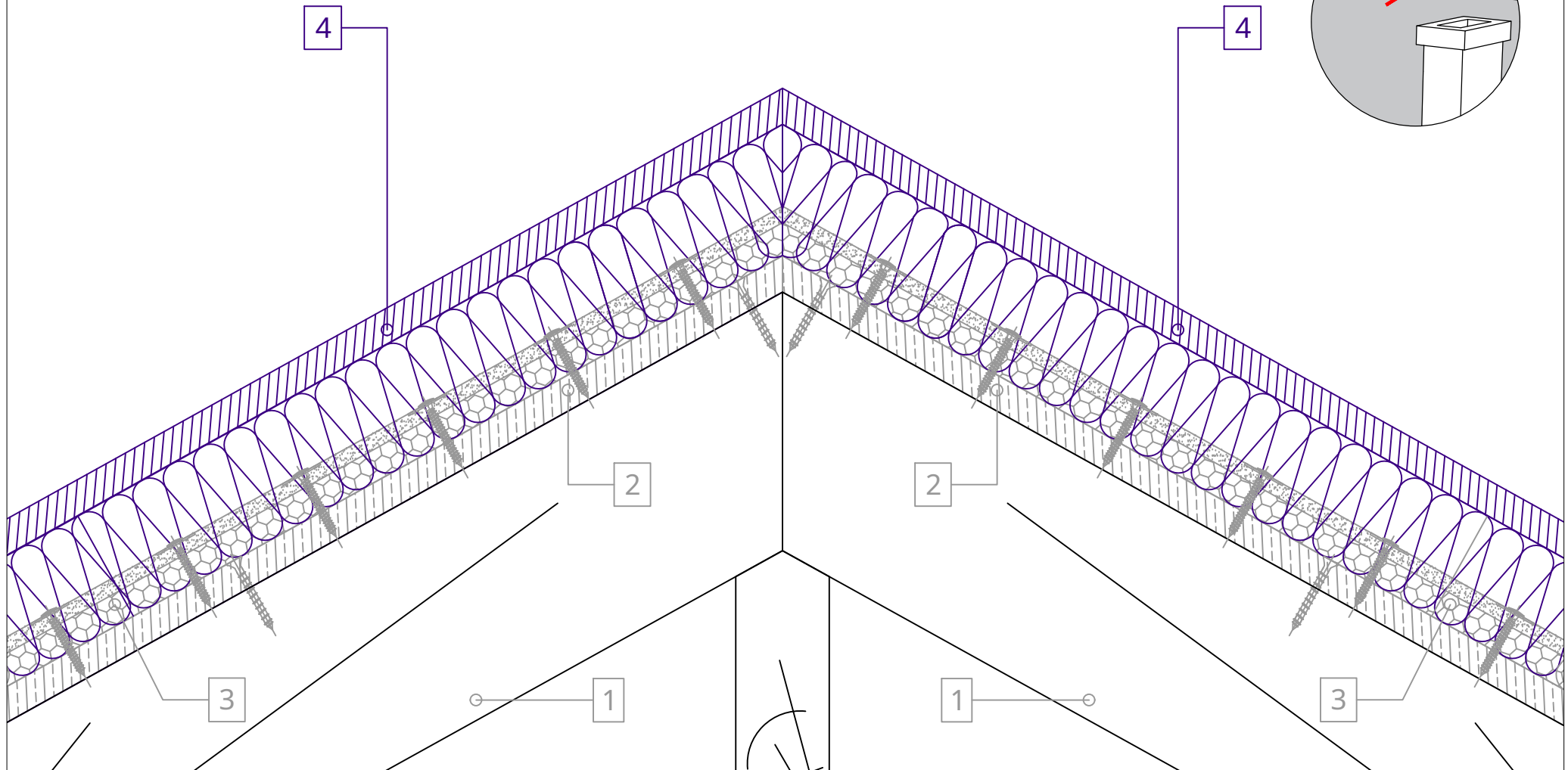


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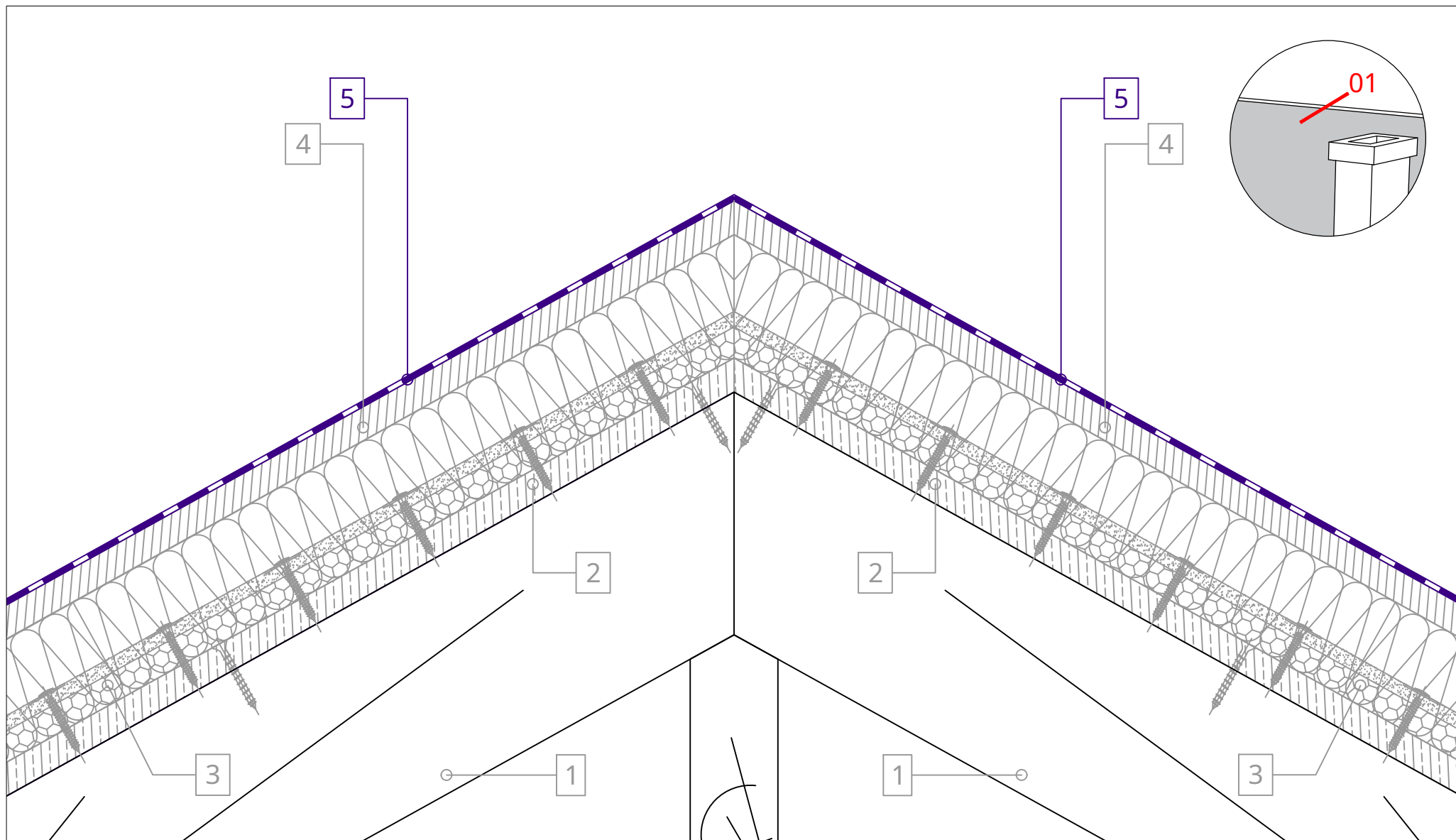


- **Compress the mattress for tightening**
- **The panels are cut at an angle for a perfect junction**



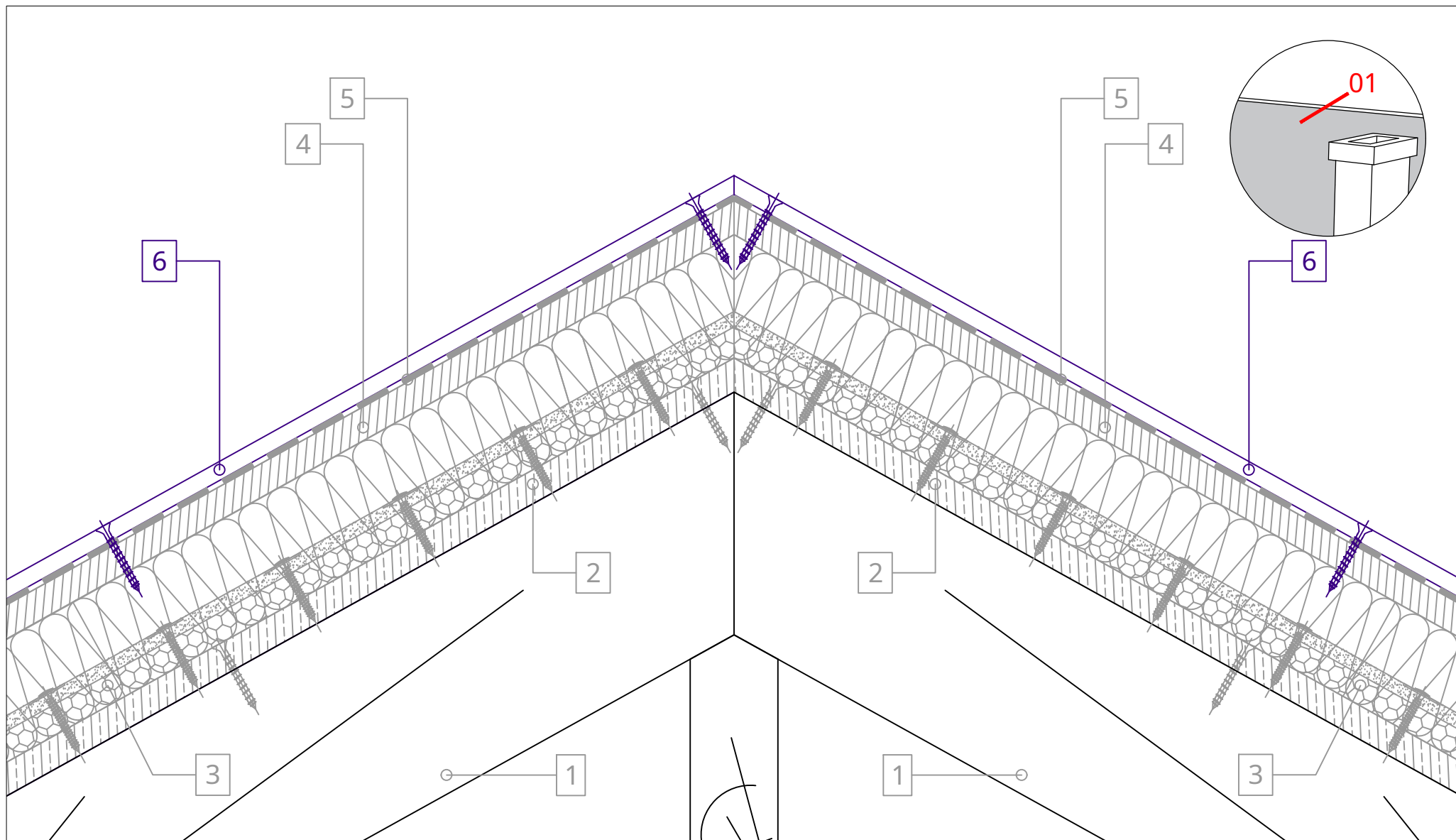
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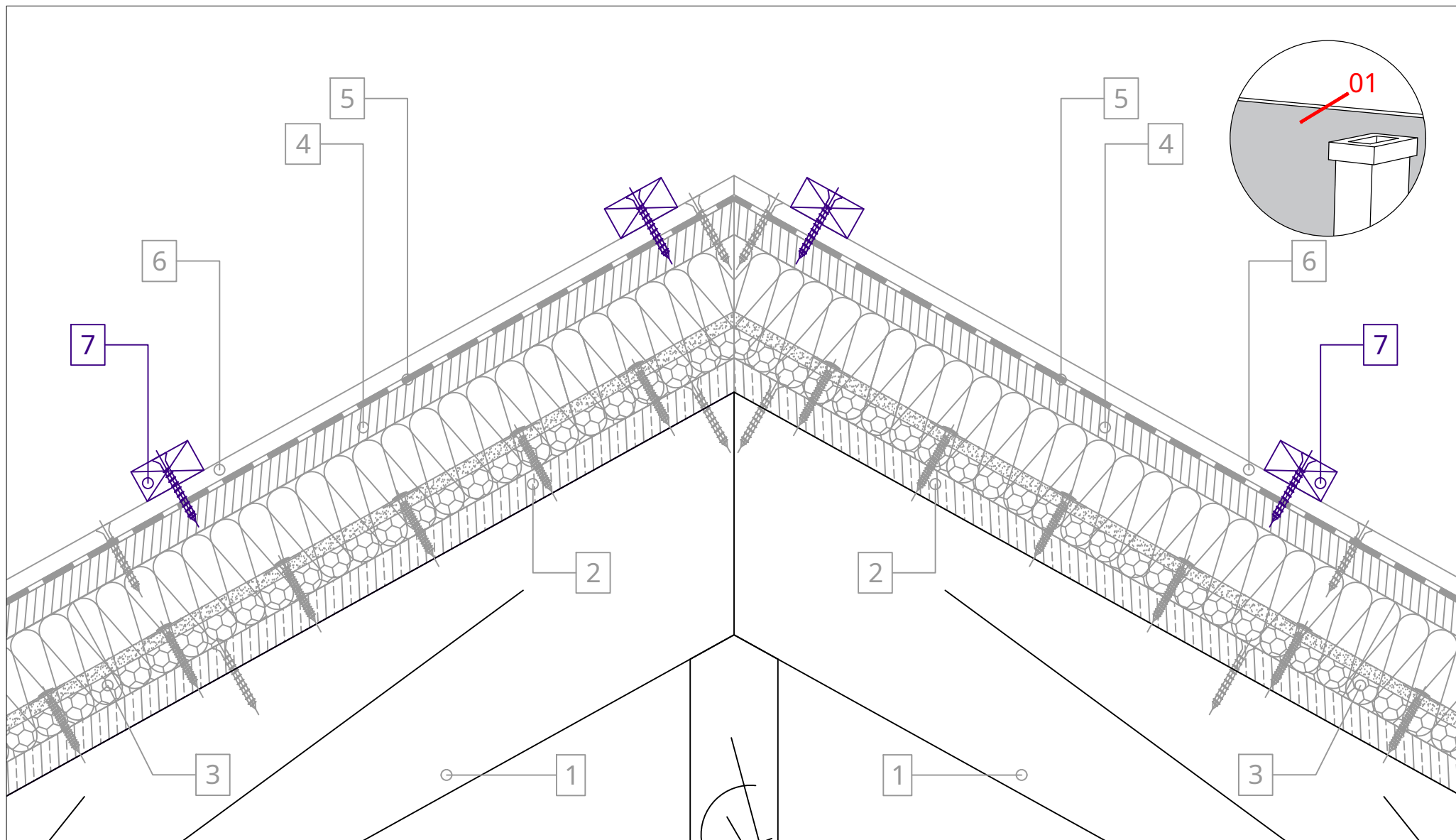
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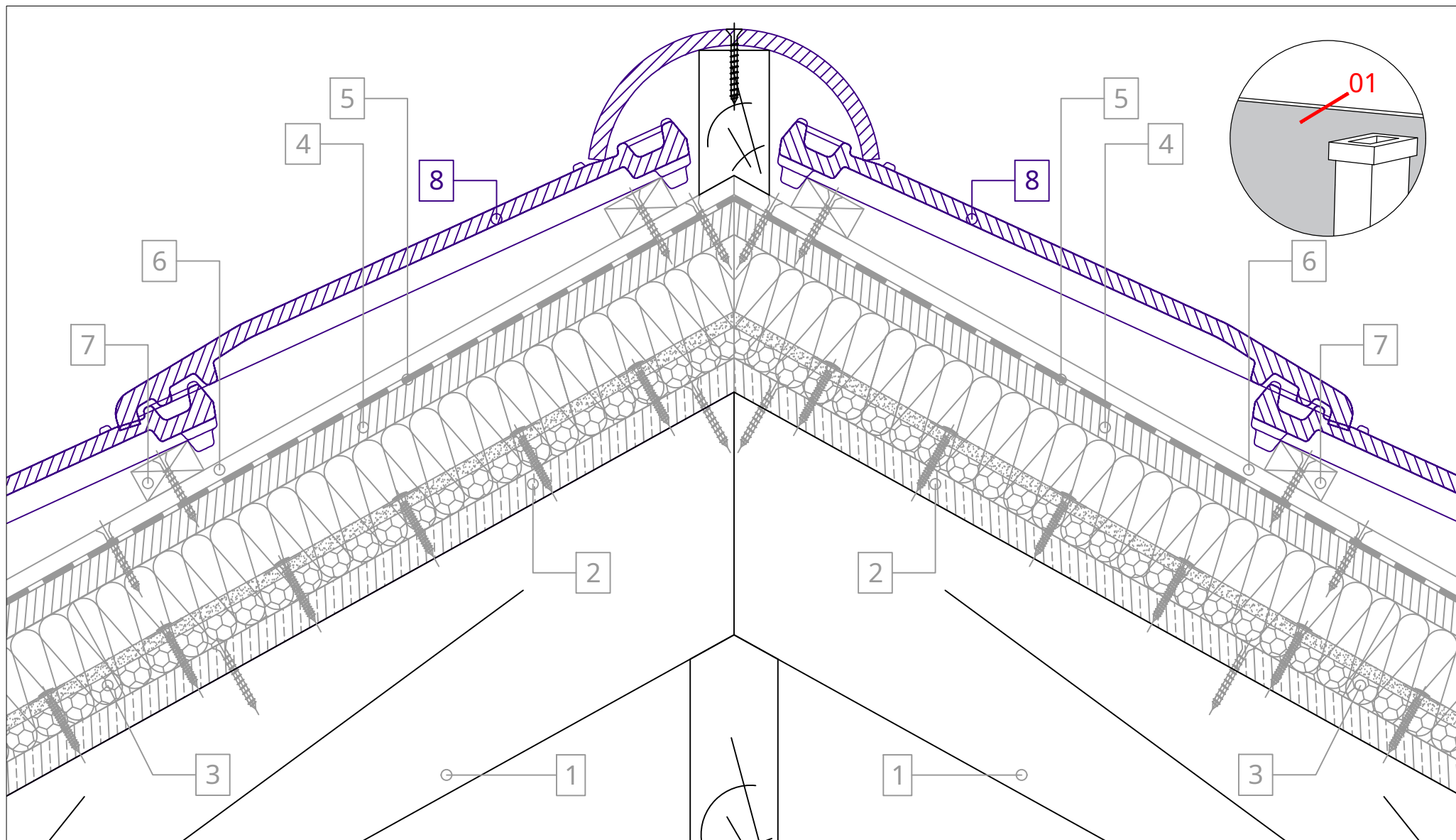
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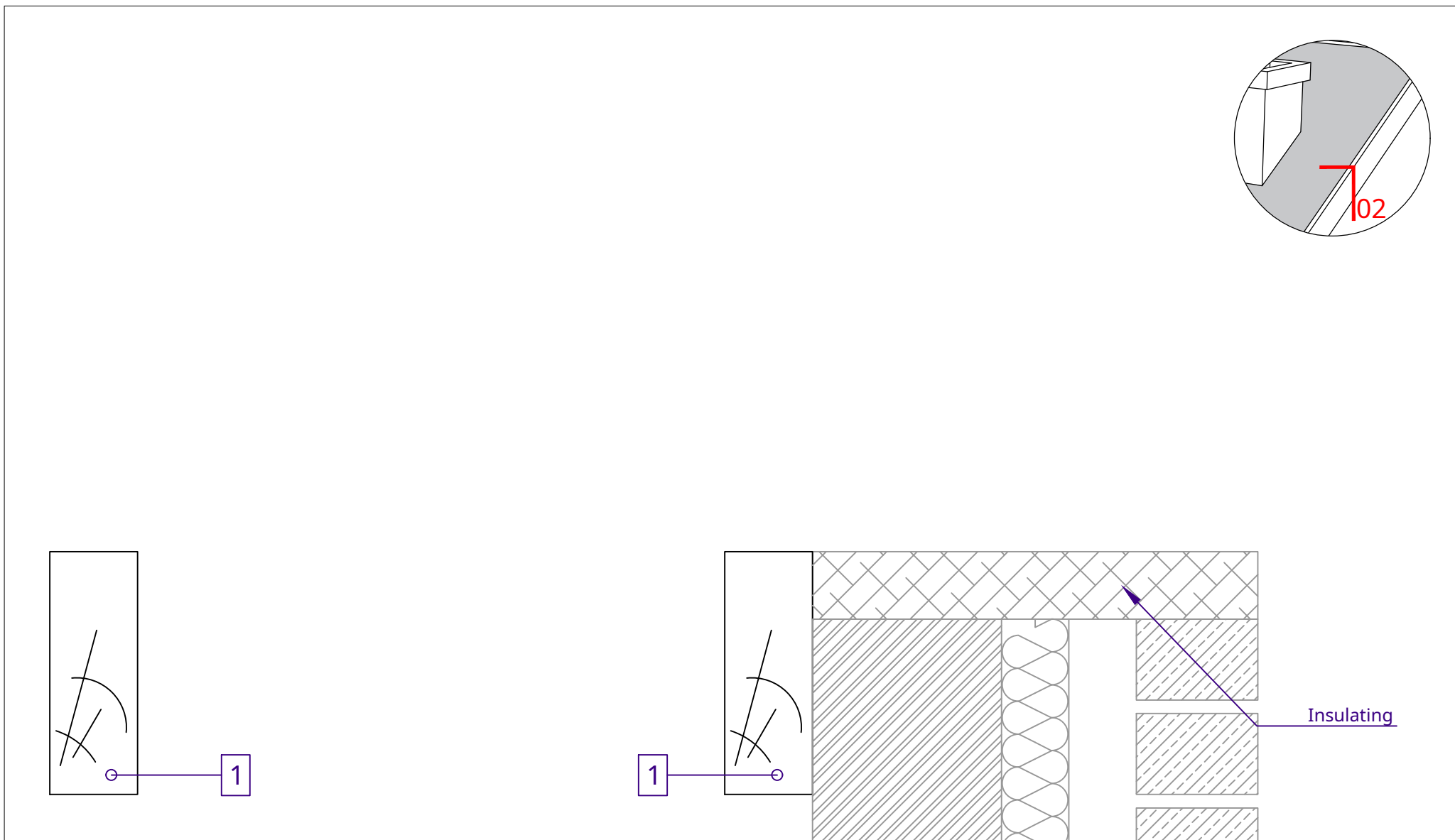
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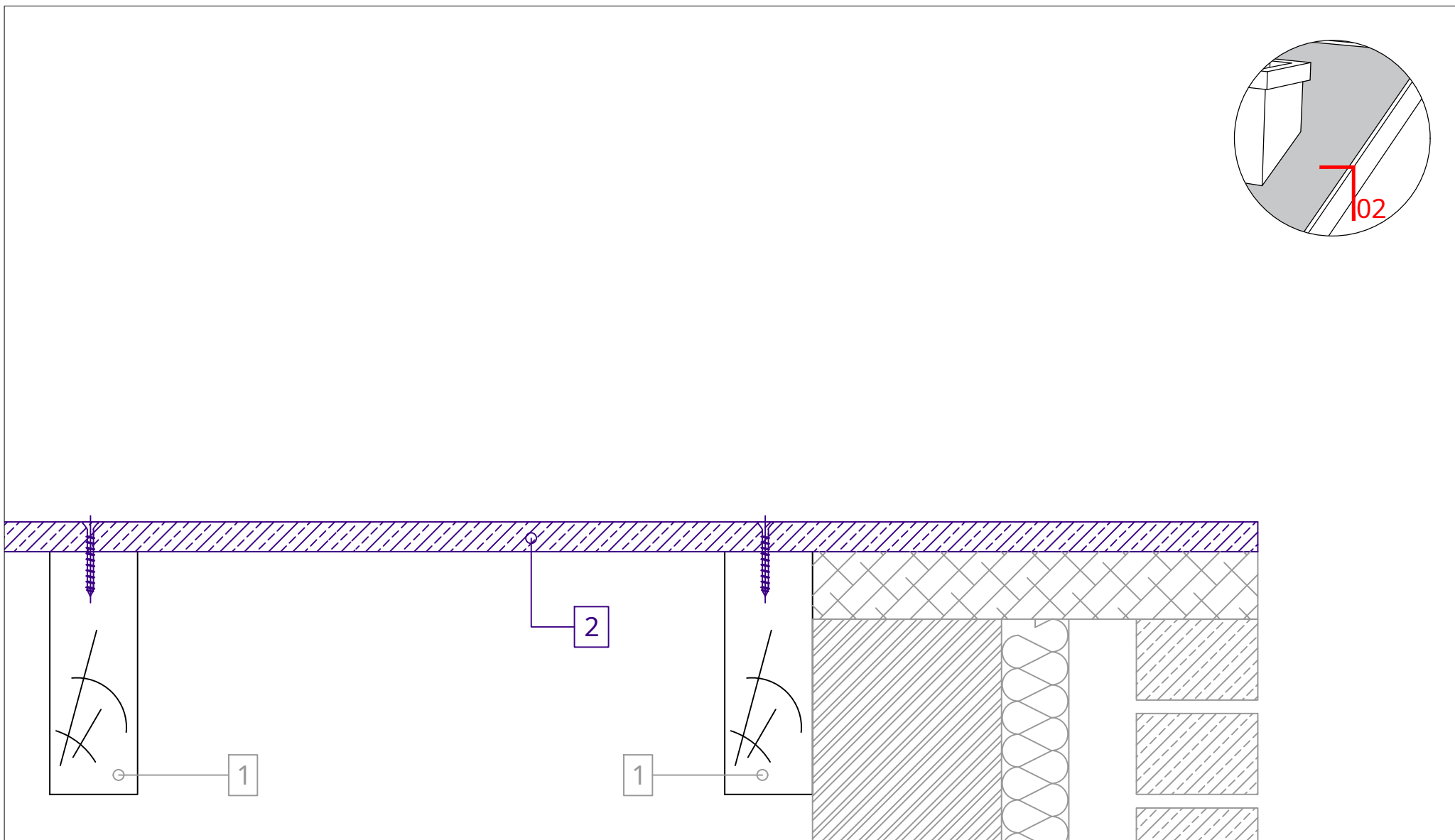
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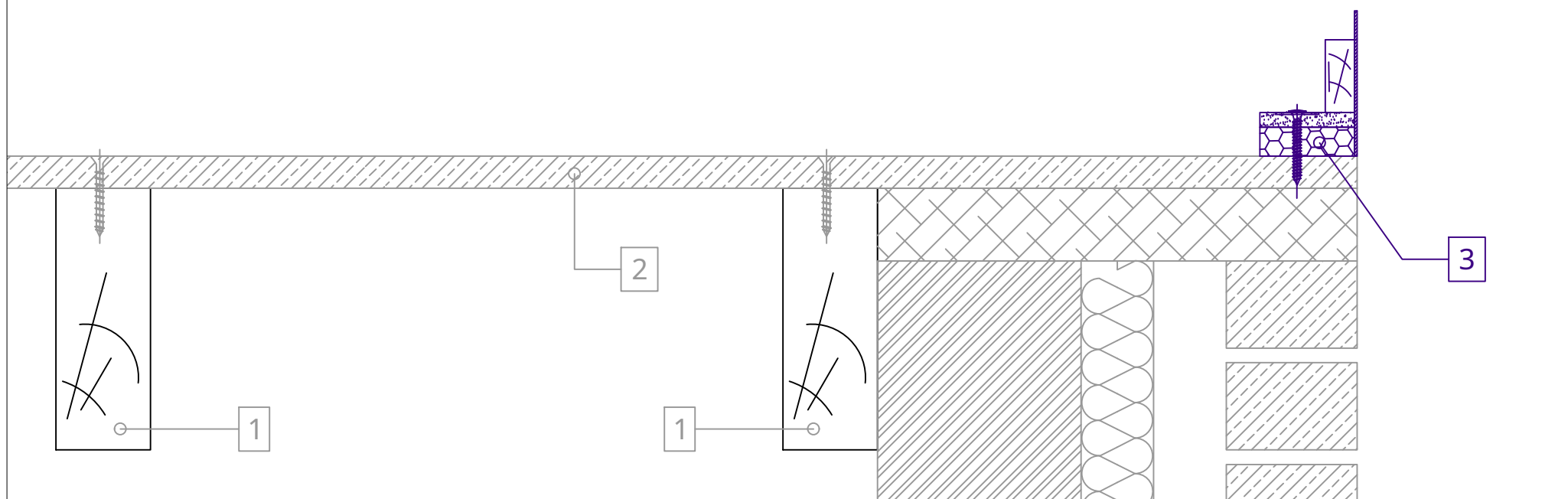
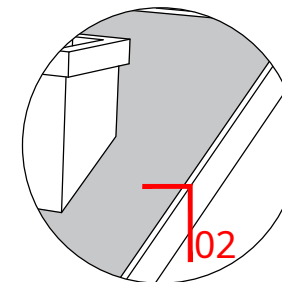


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- Compress the mattress for tightening
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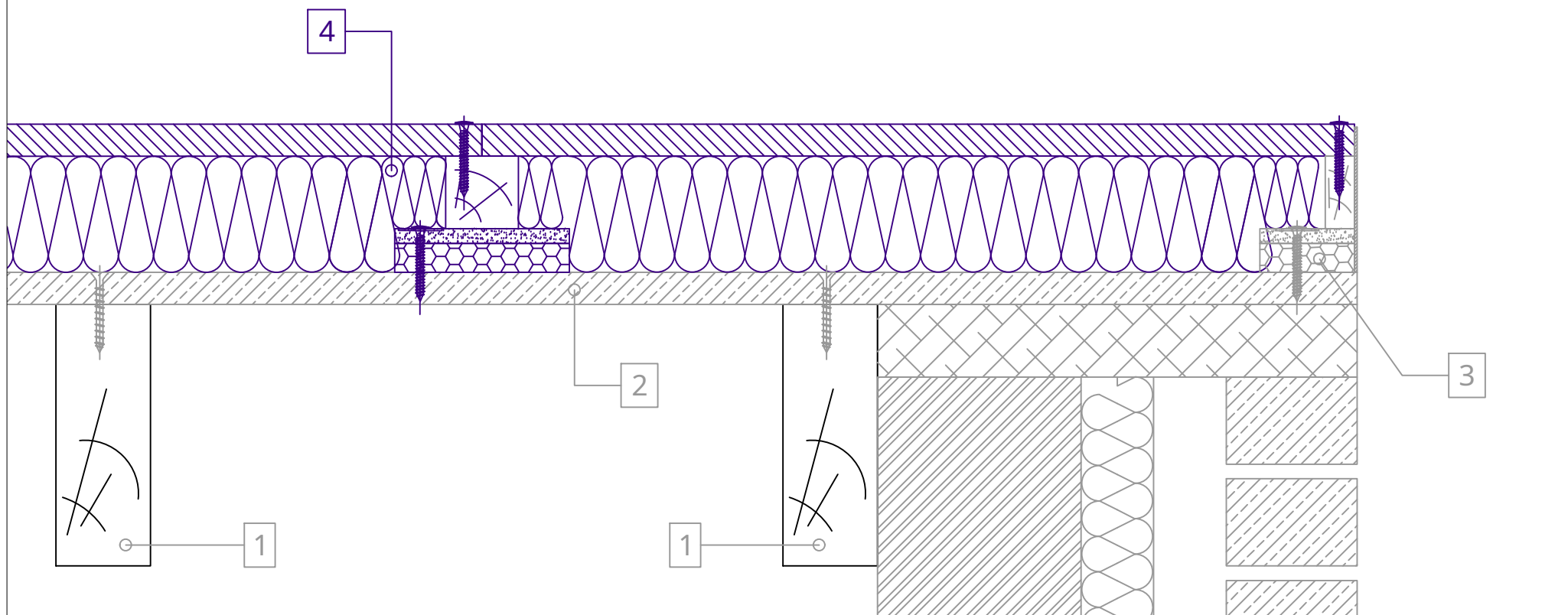
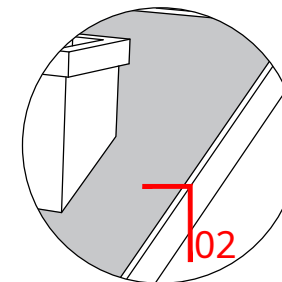


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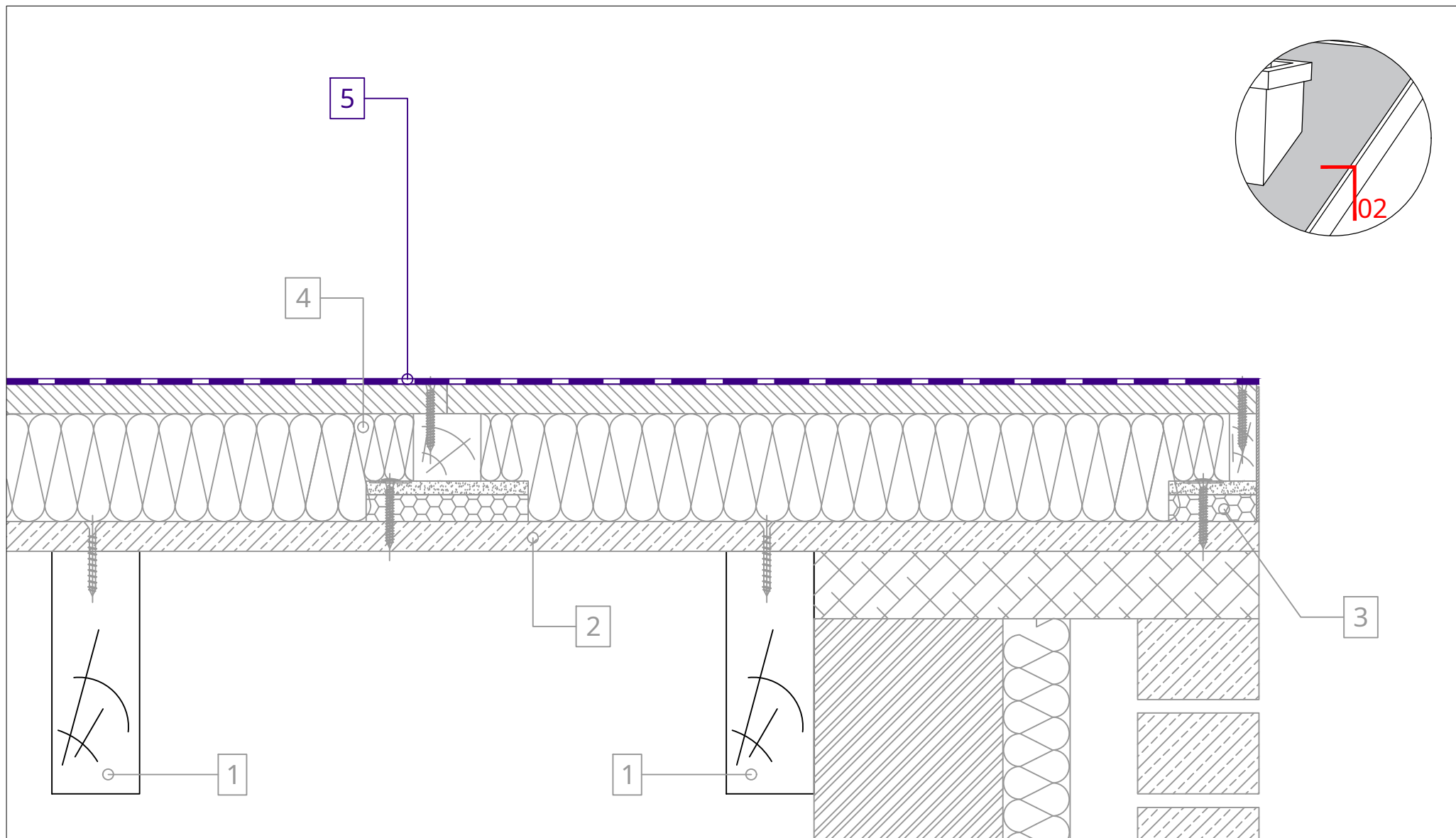


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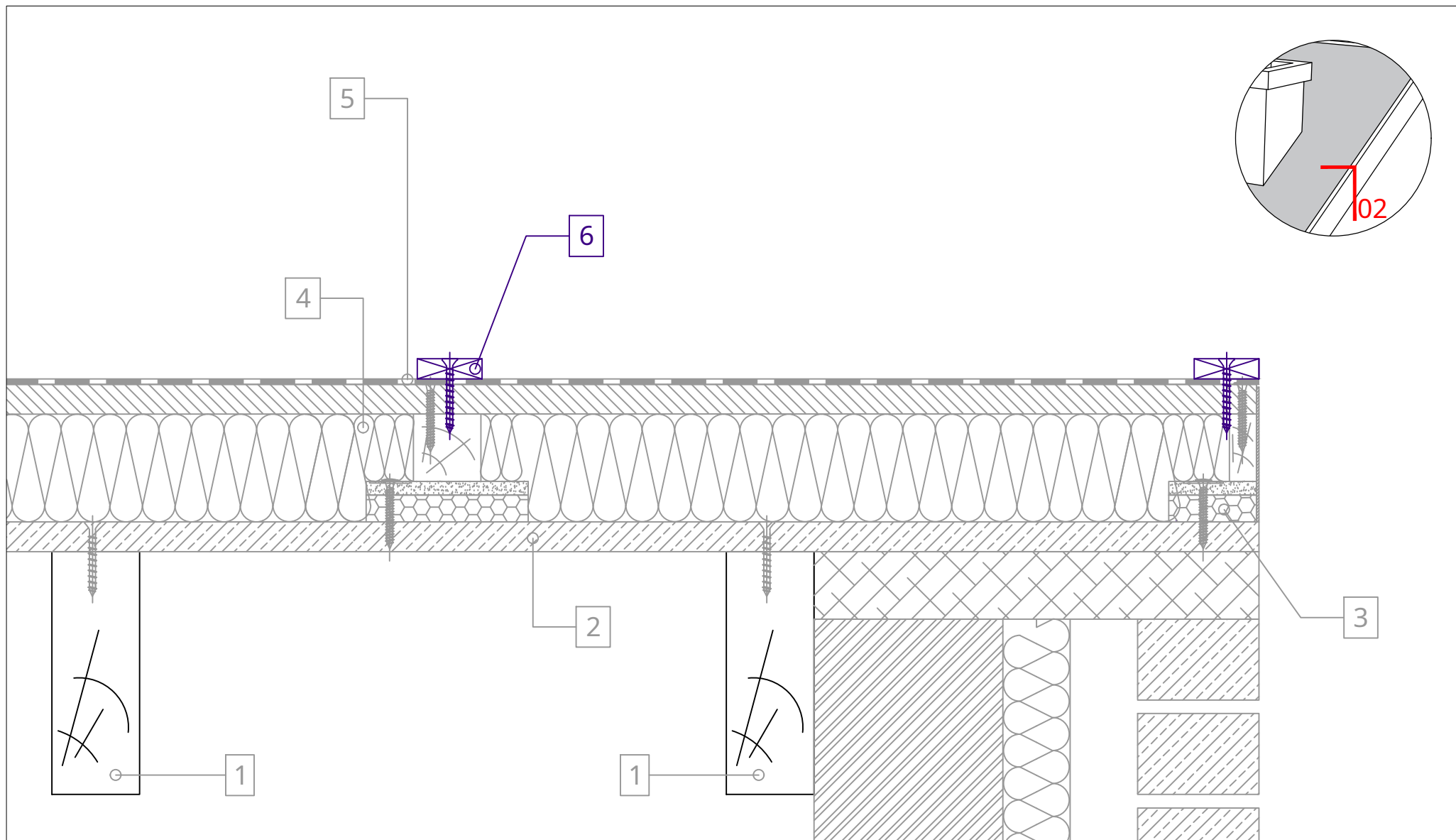
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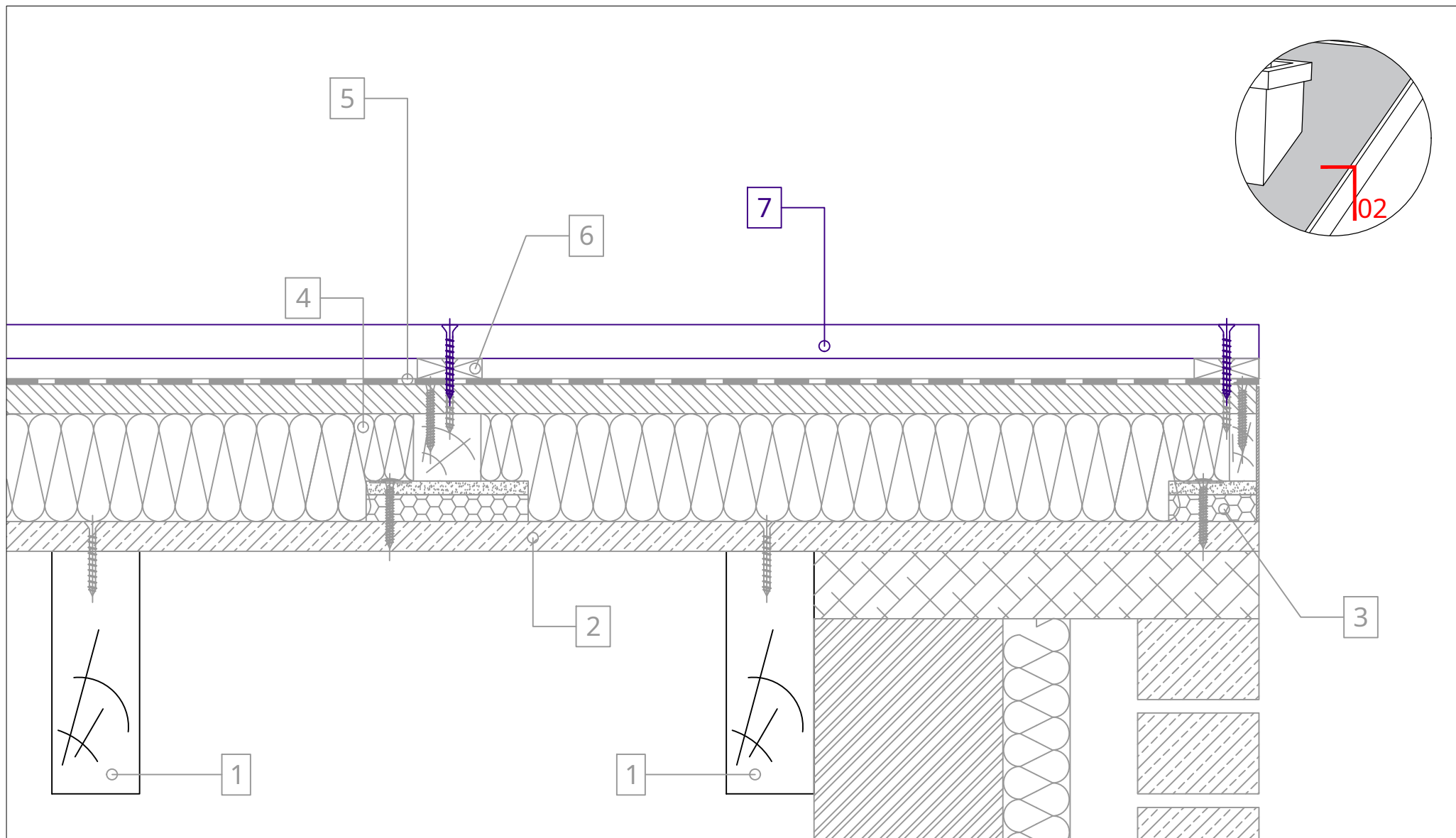
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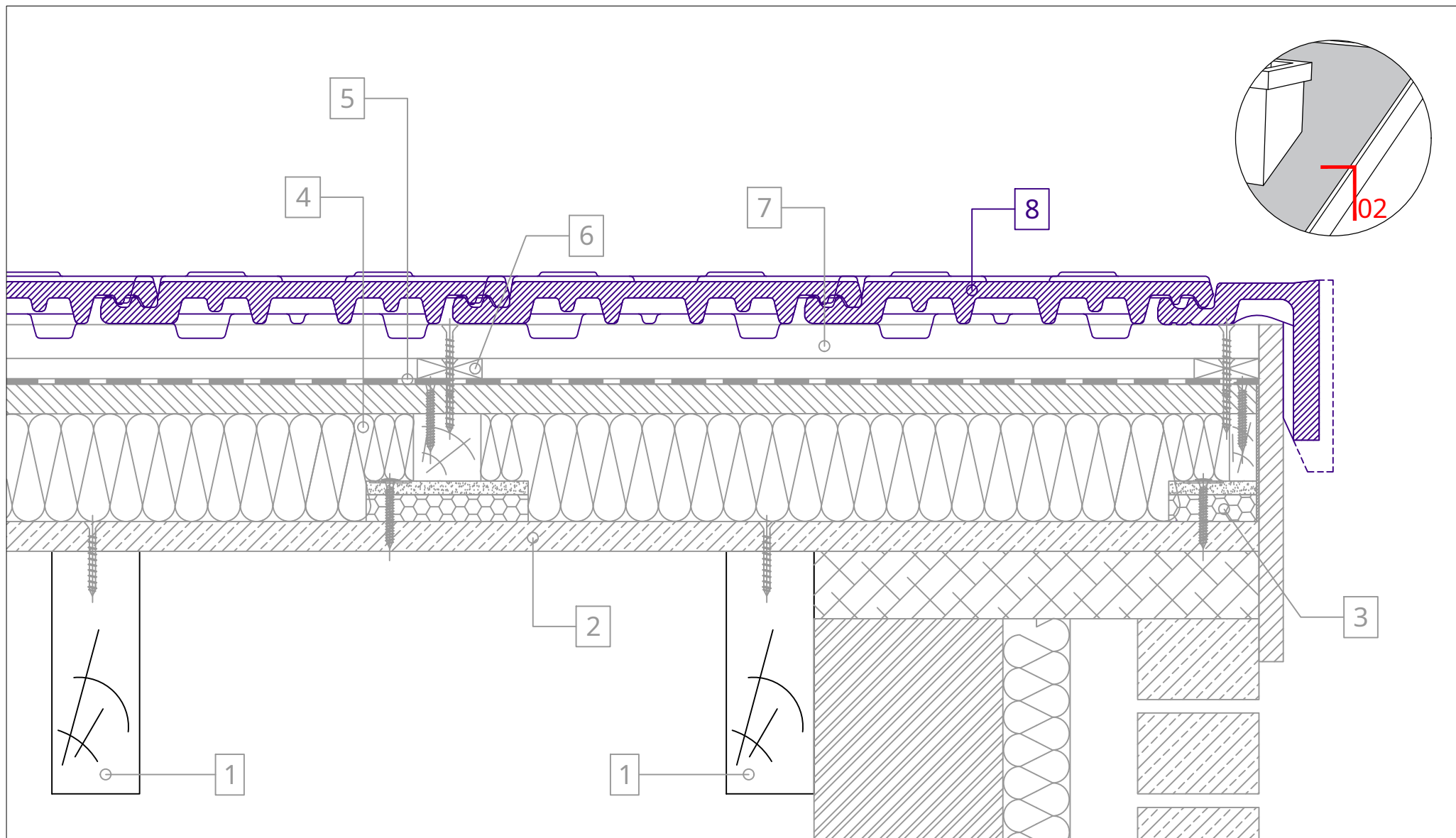
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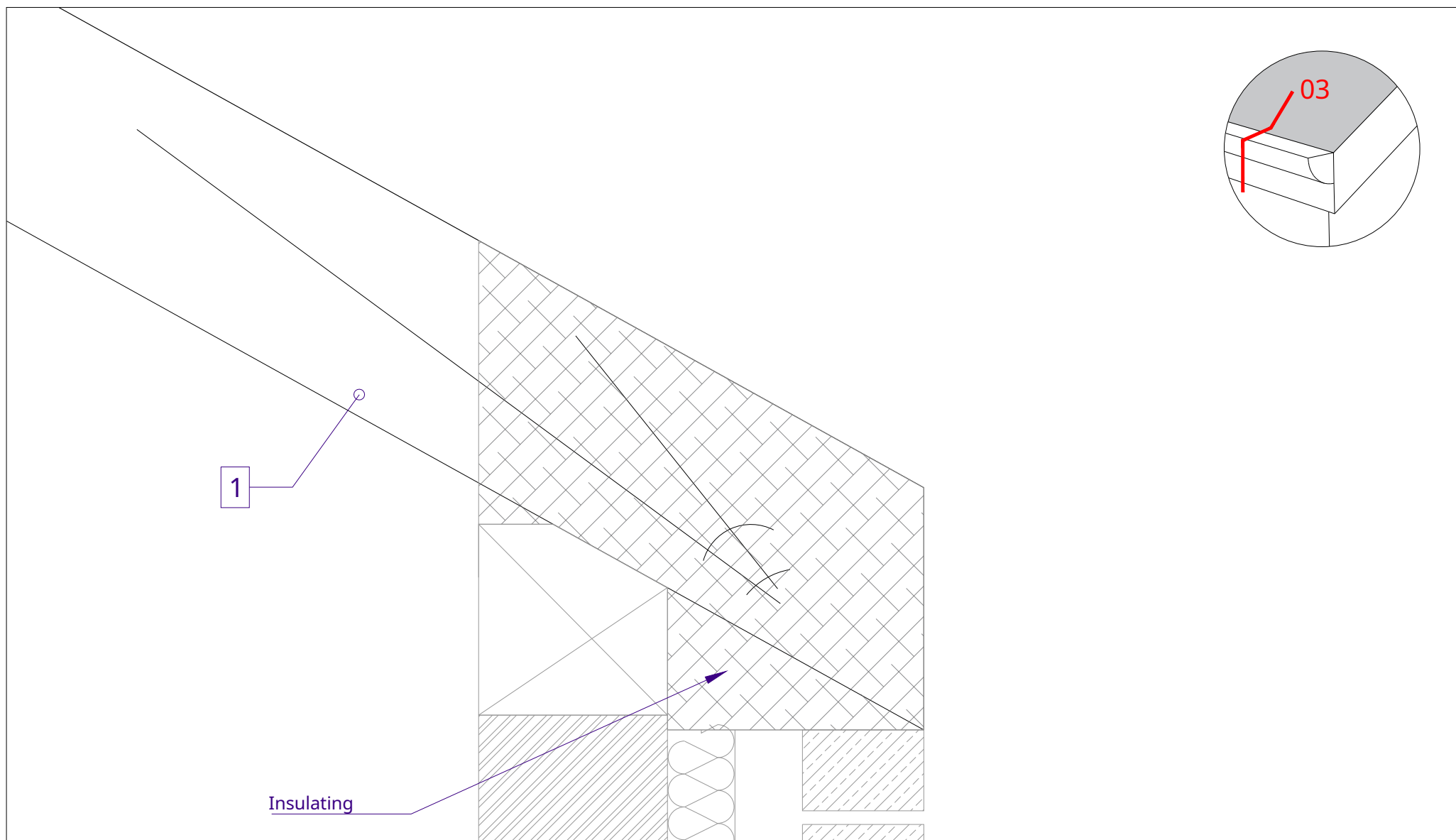
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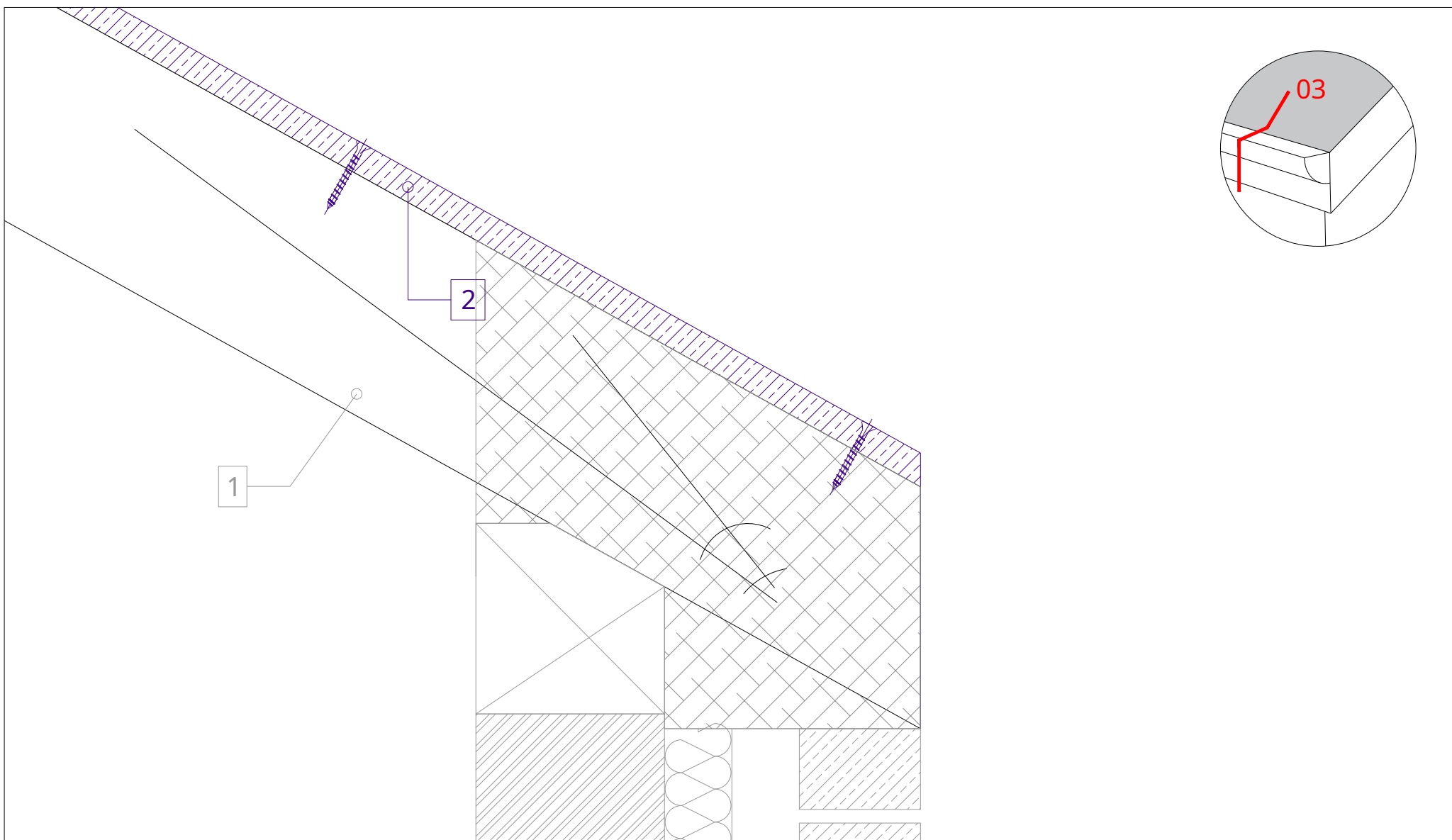
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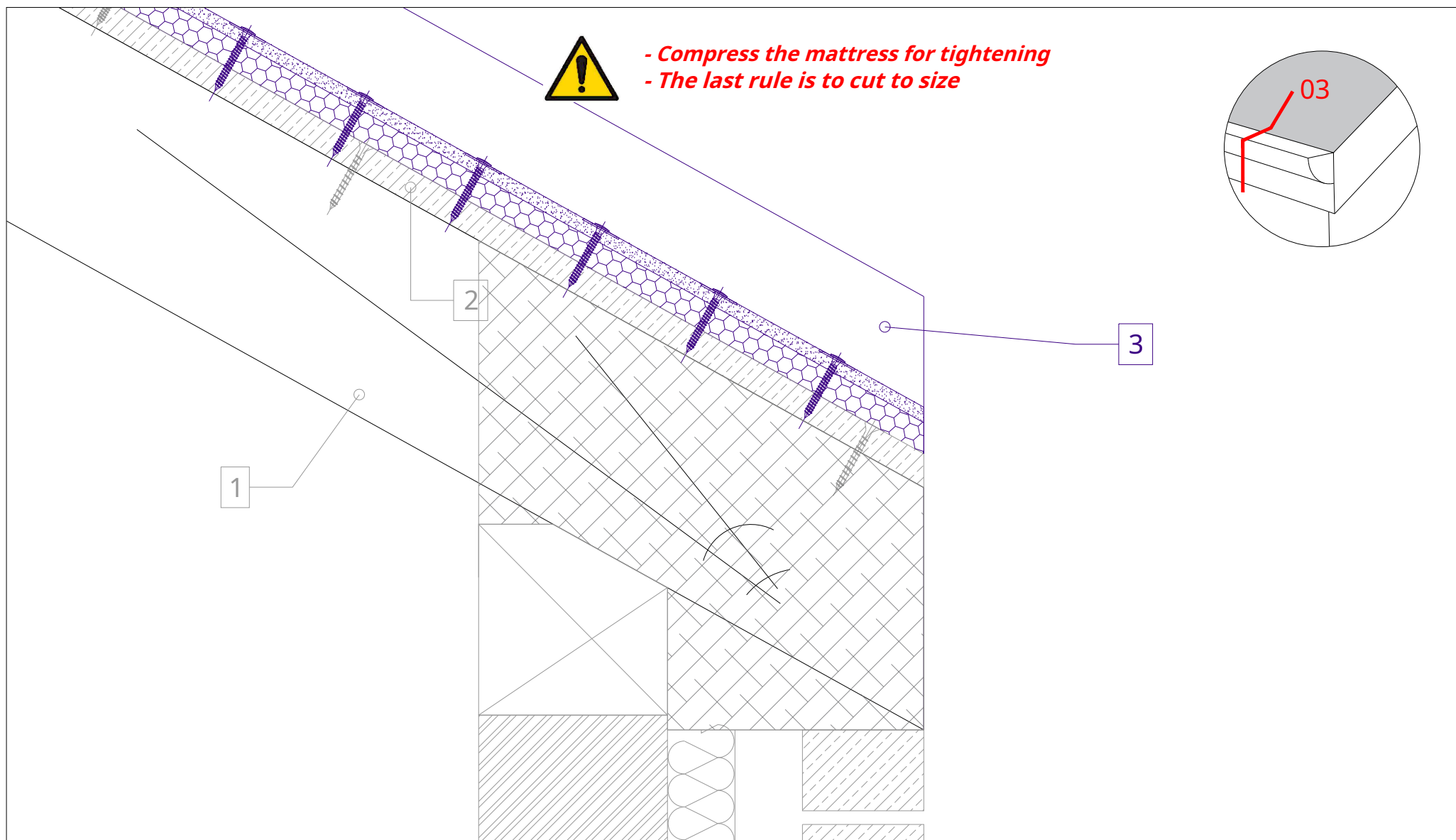
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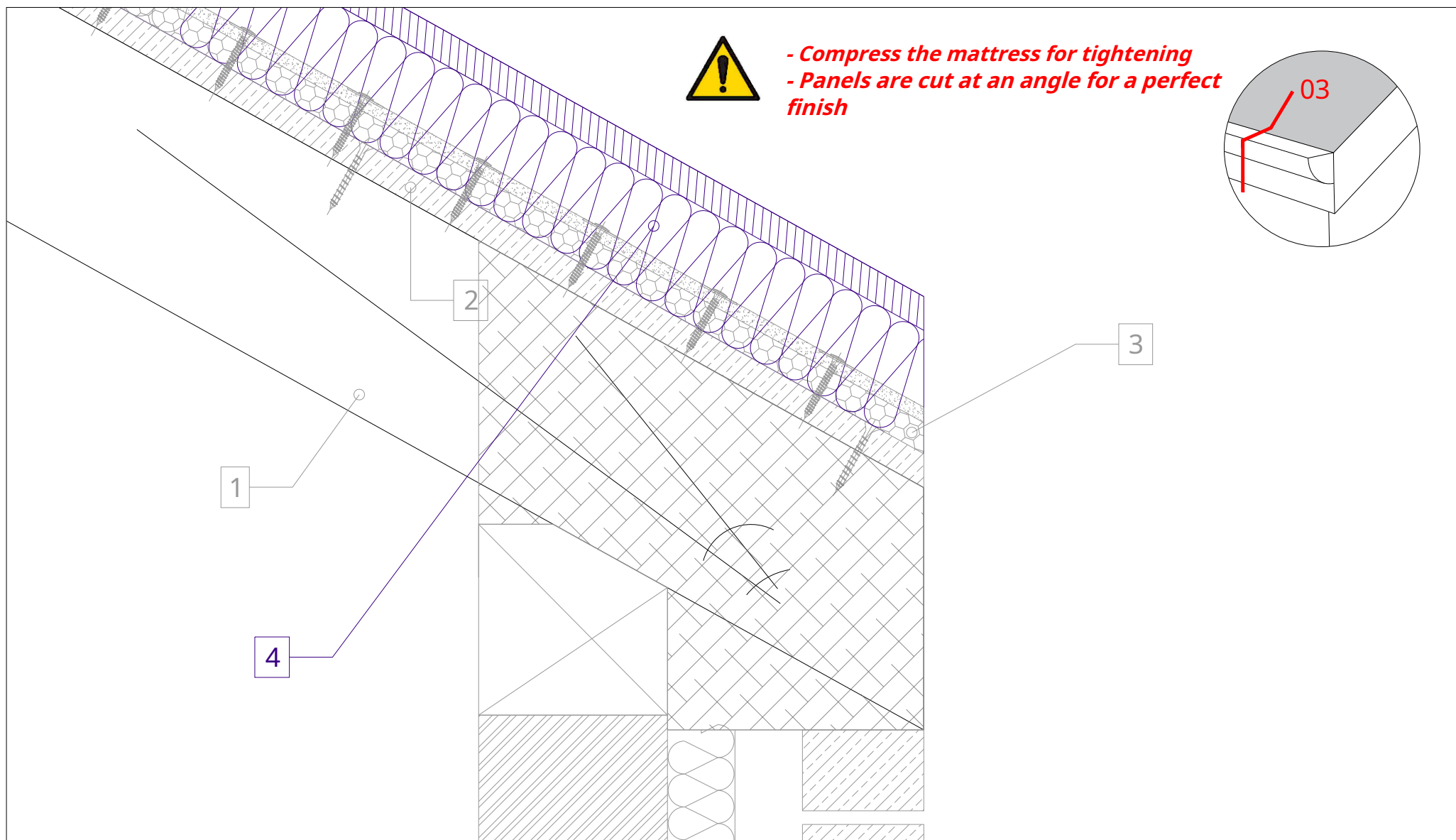
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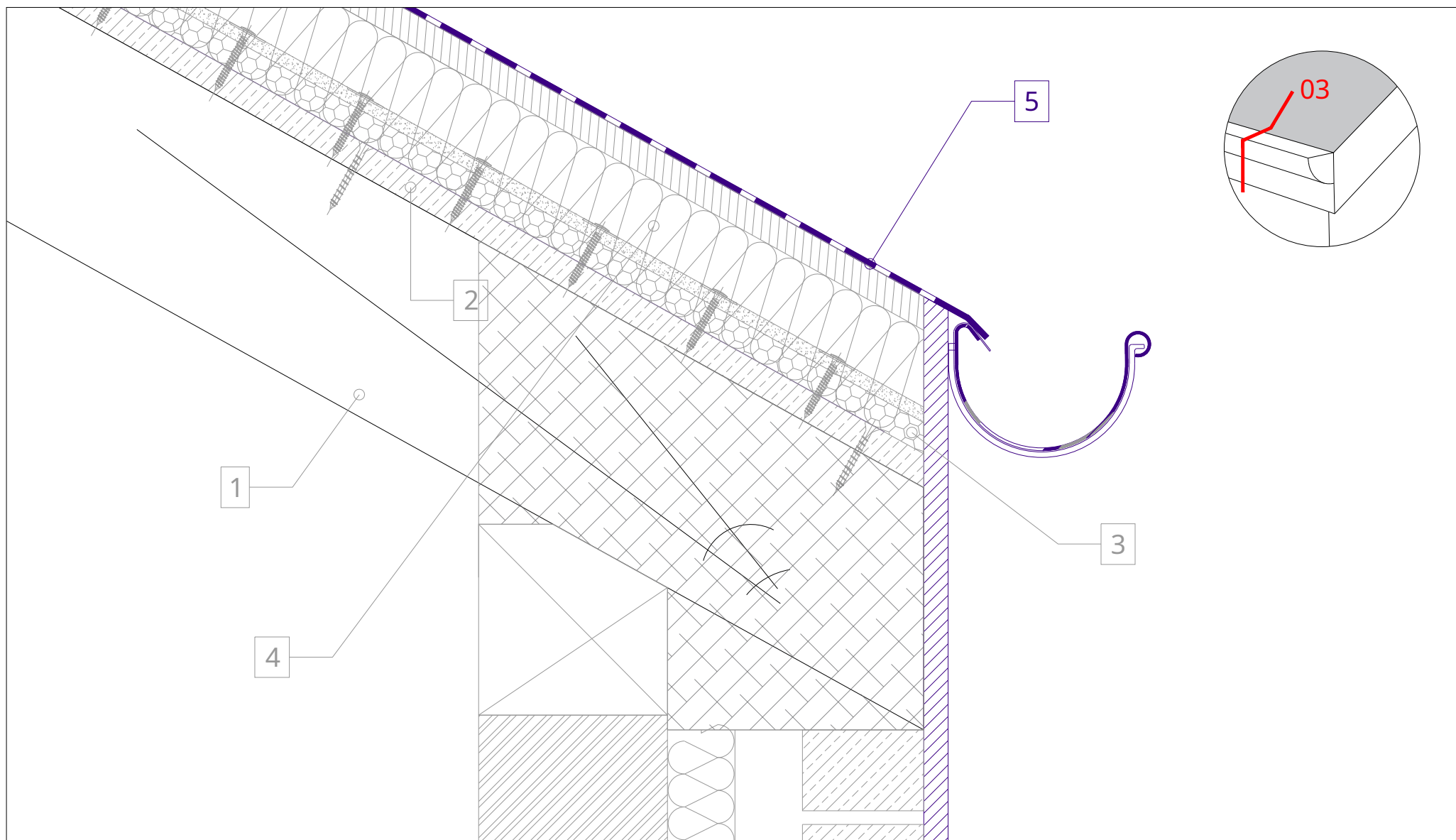
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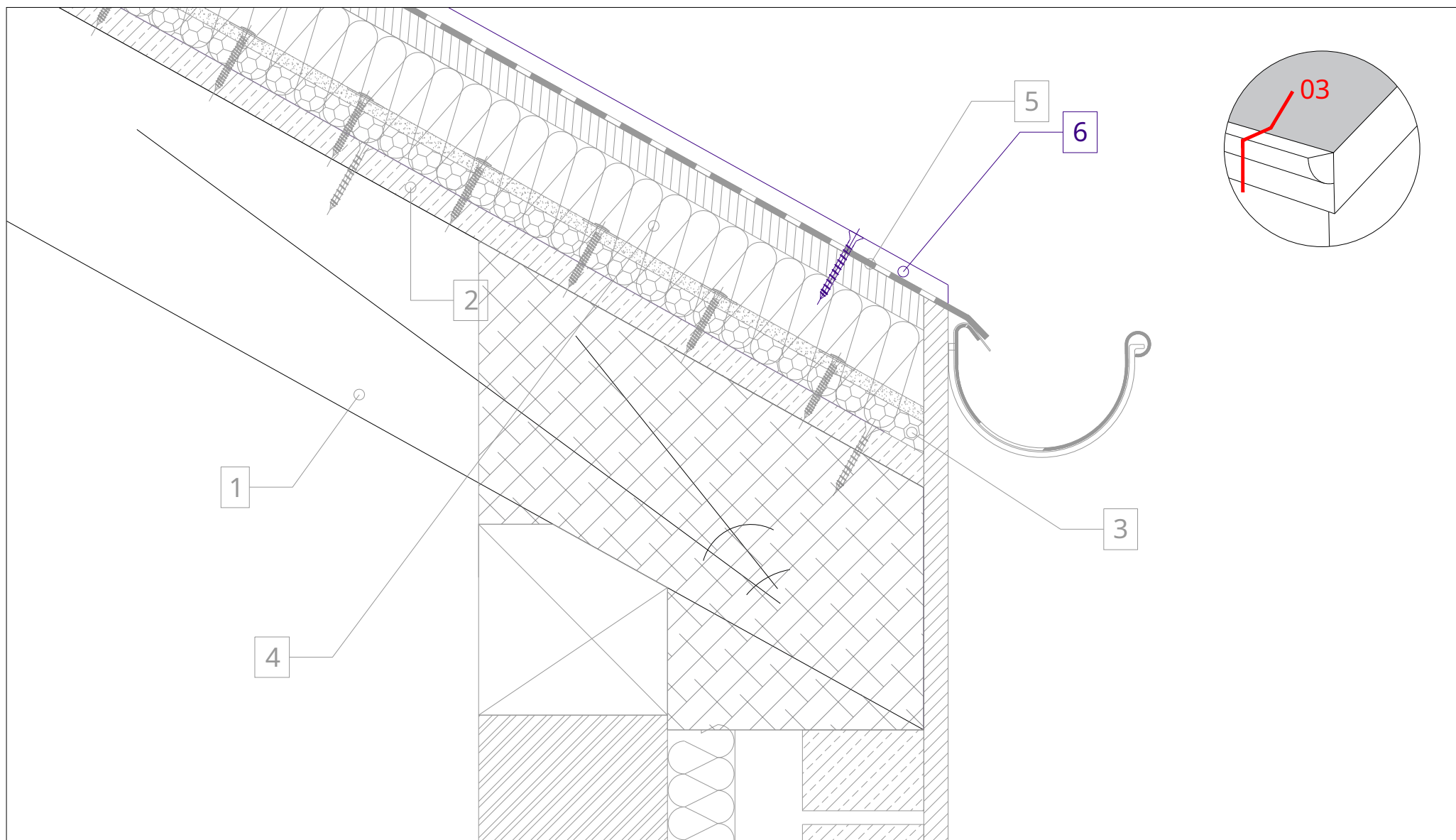
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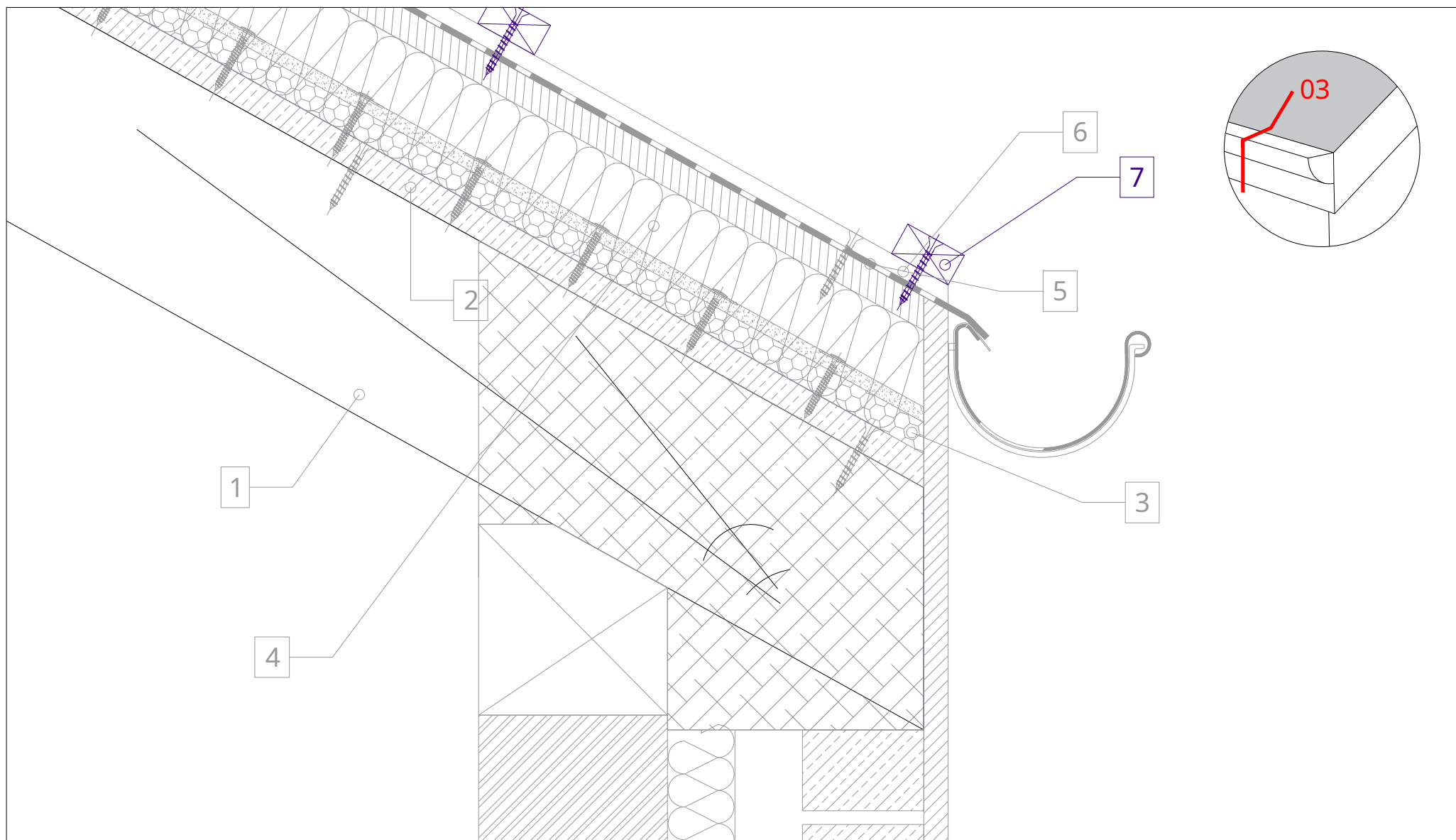
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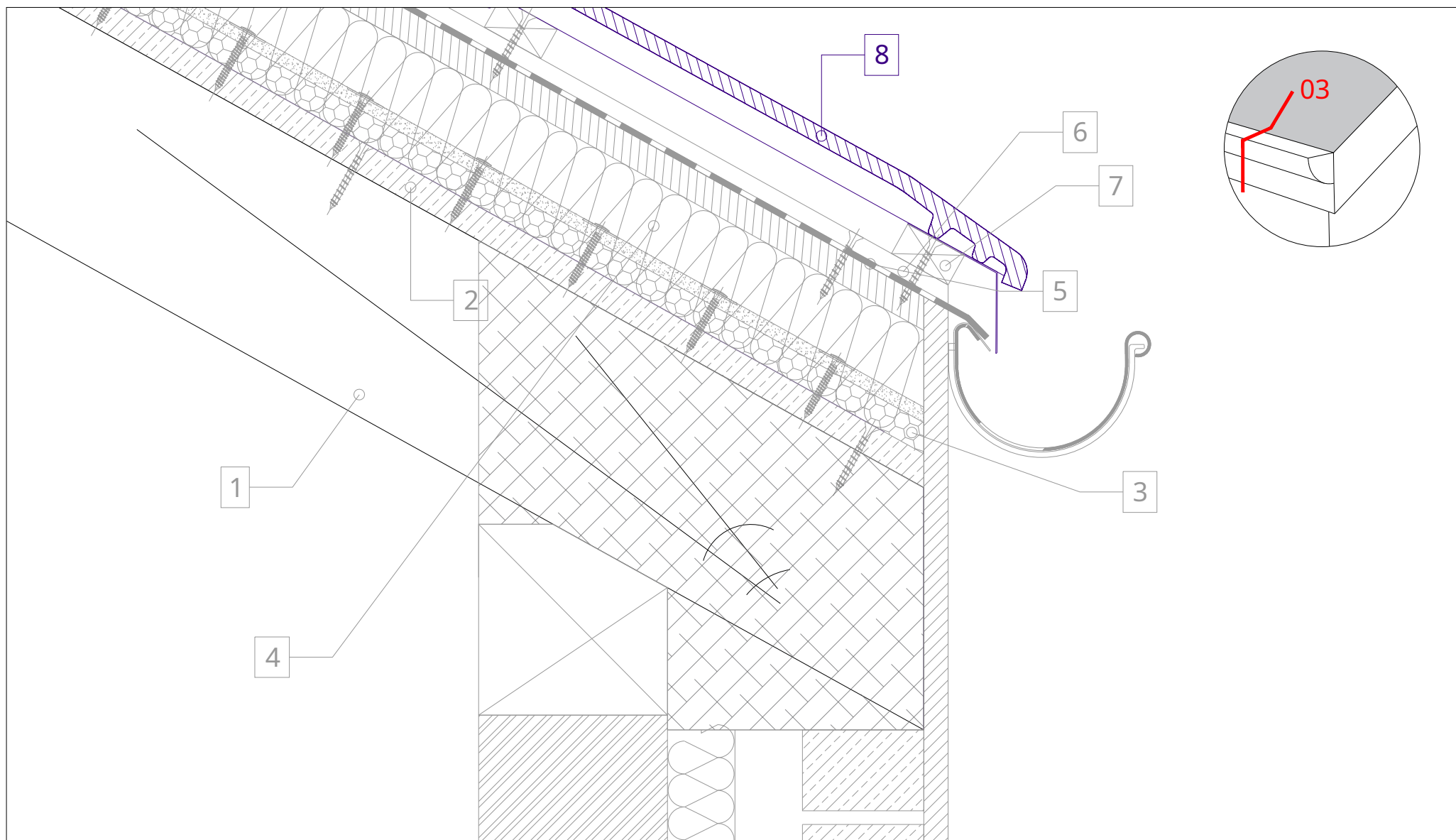
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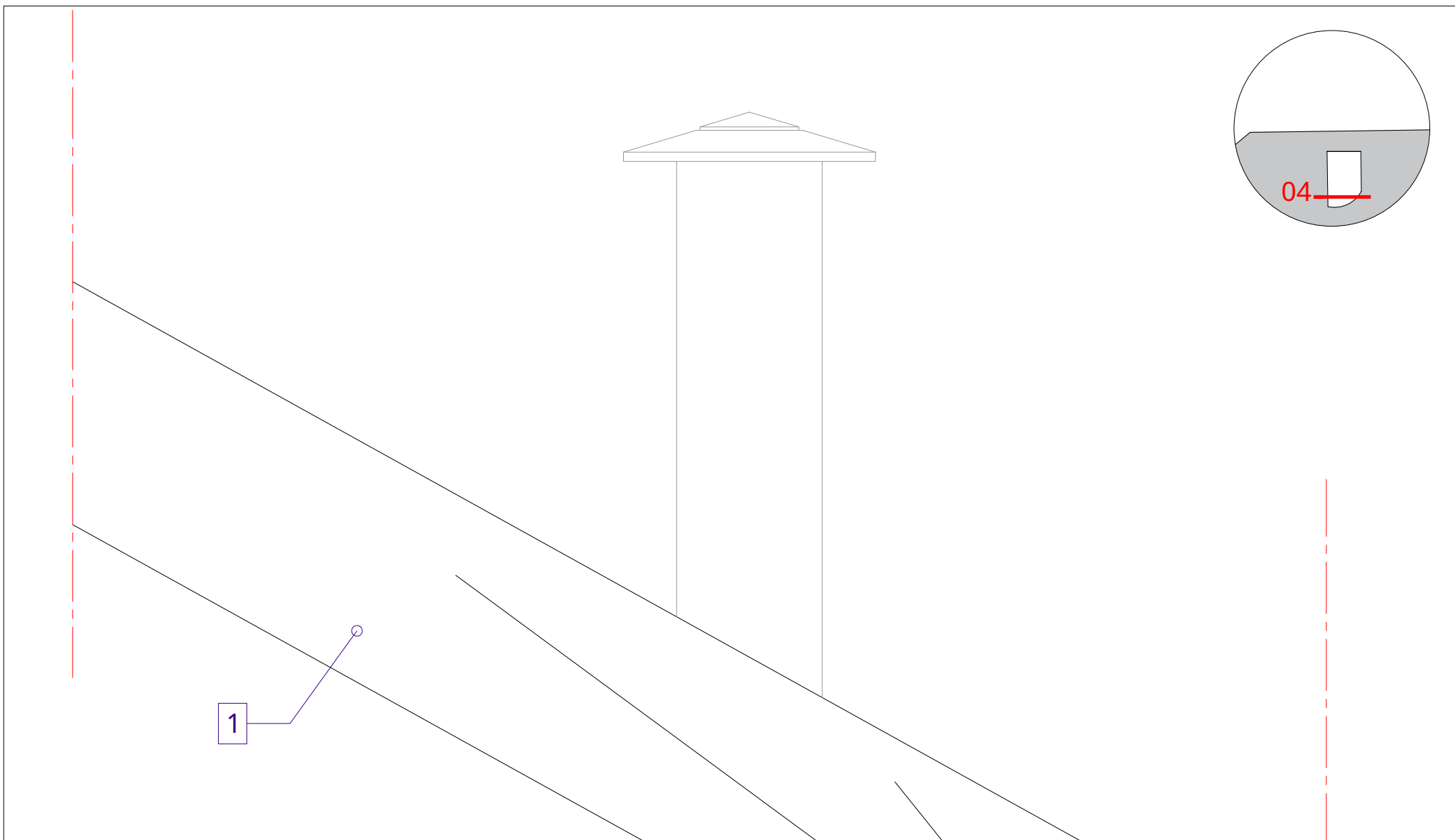
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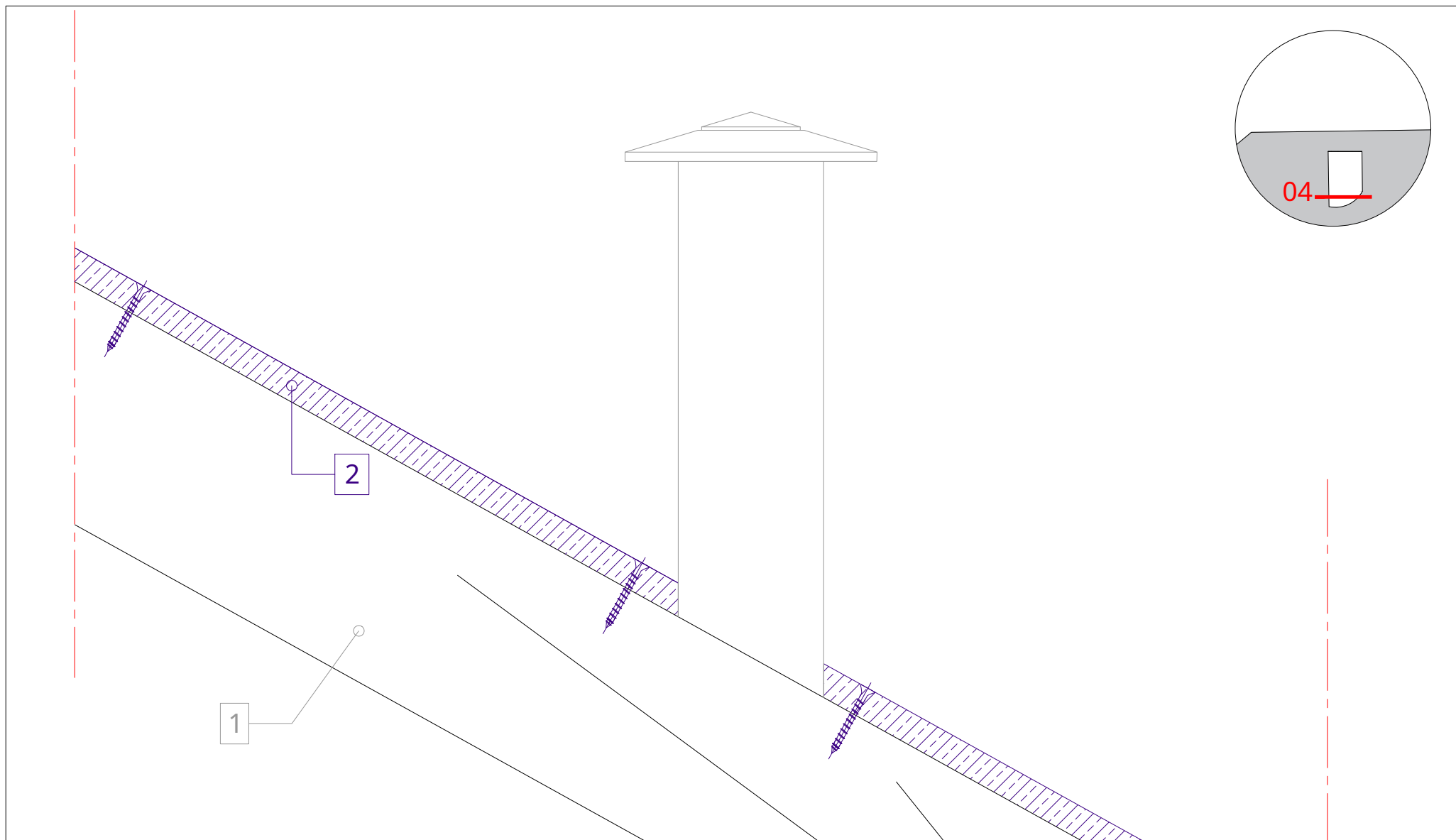
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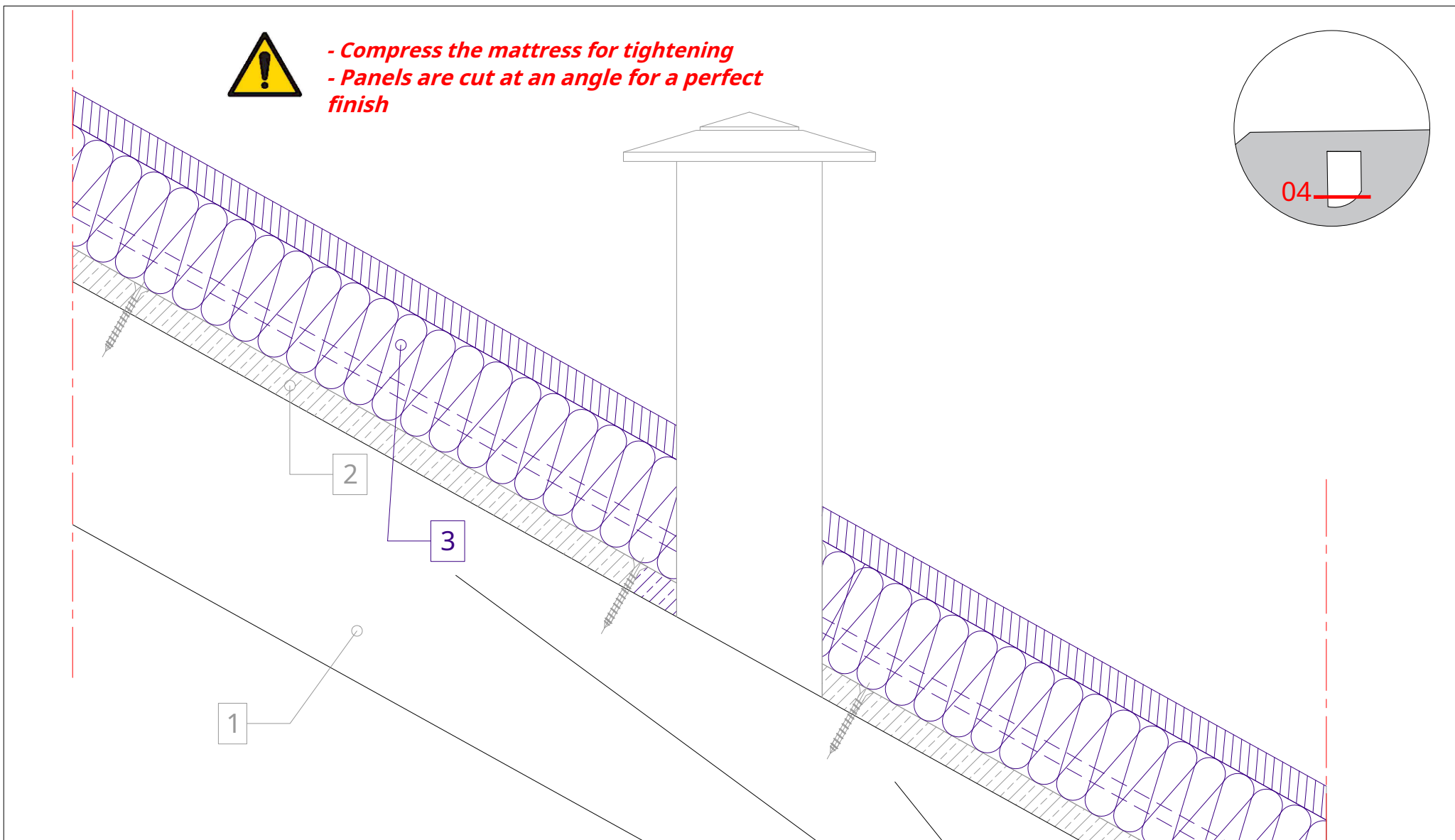
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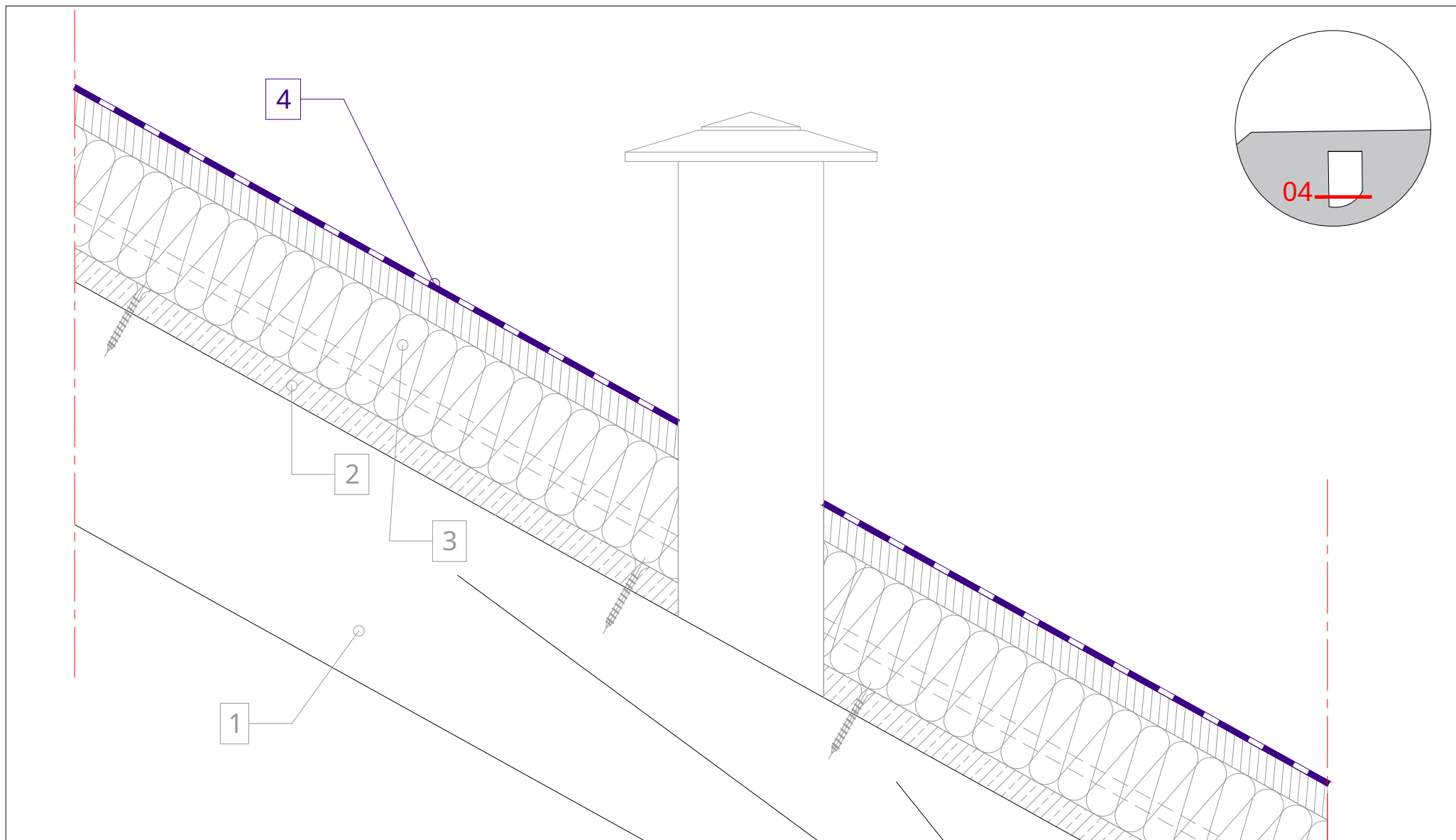
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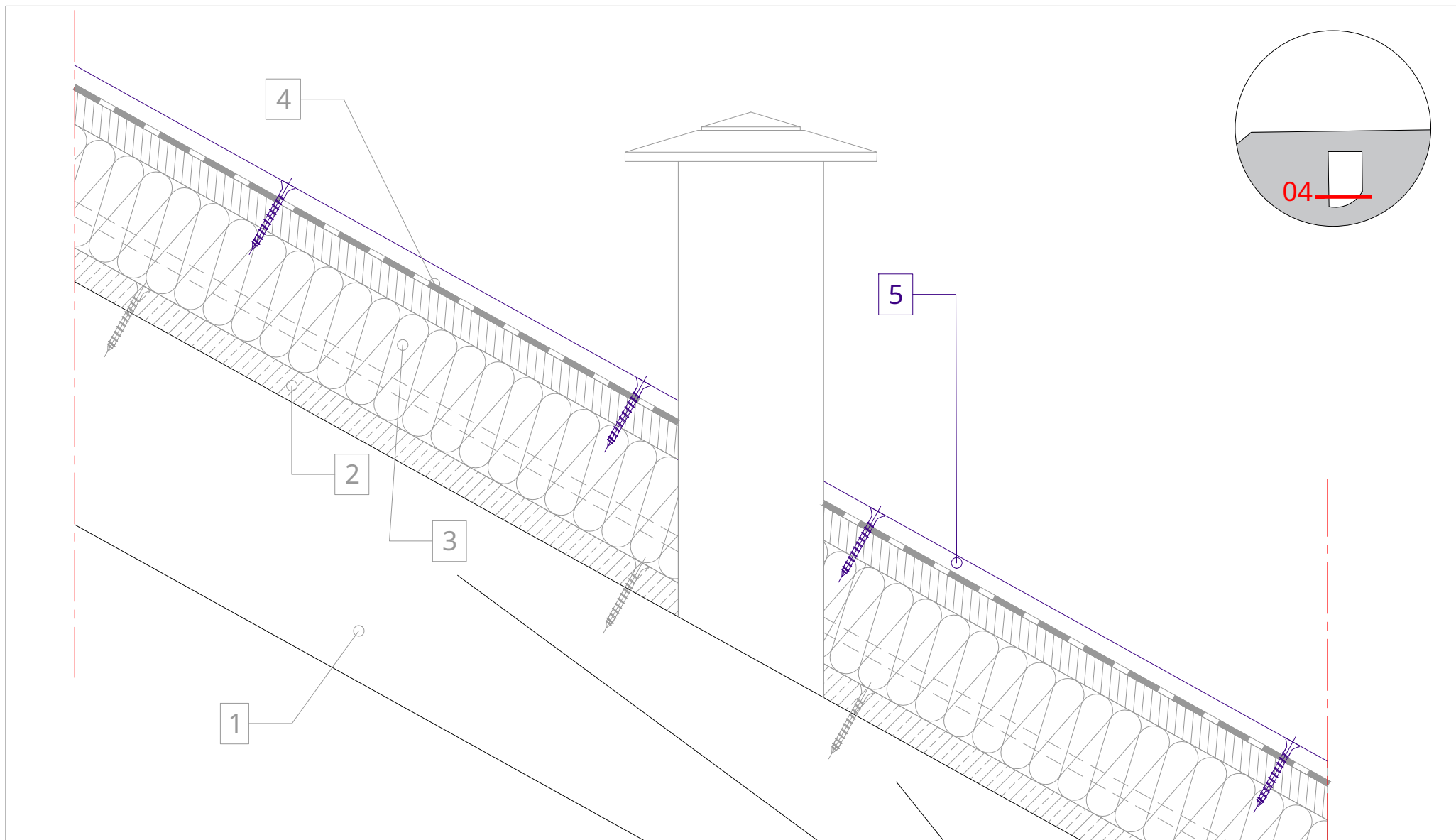
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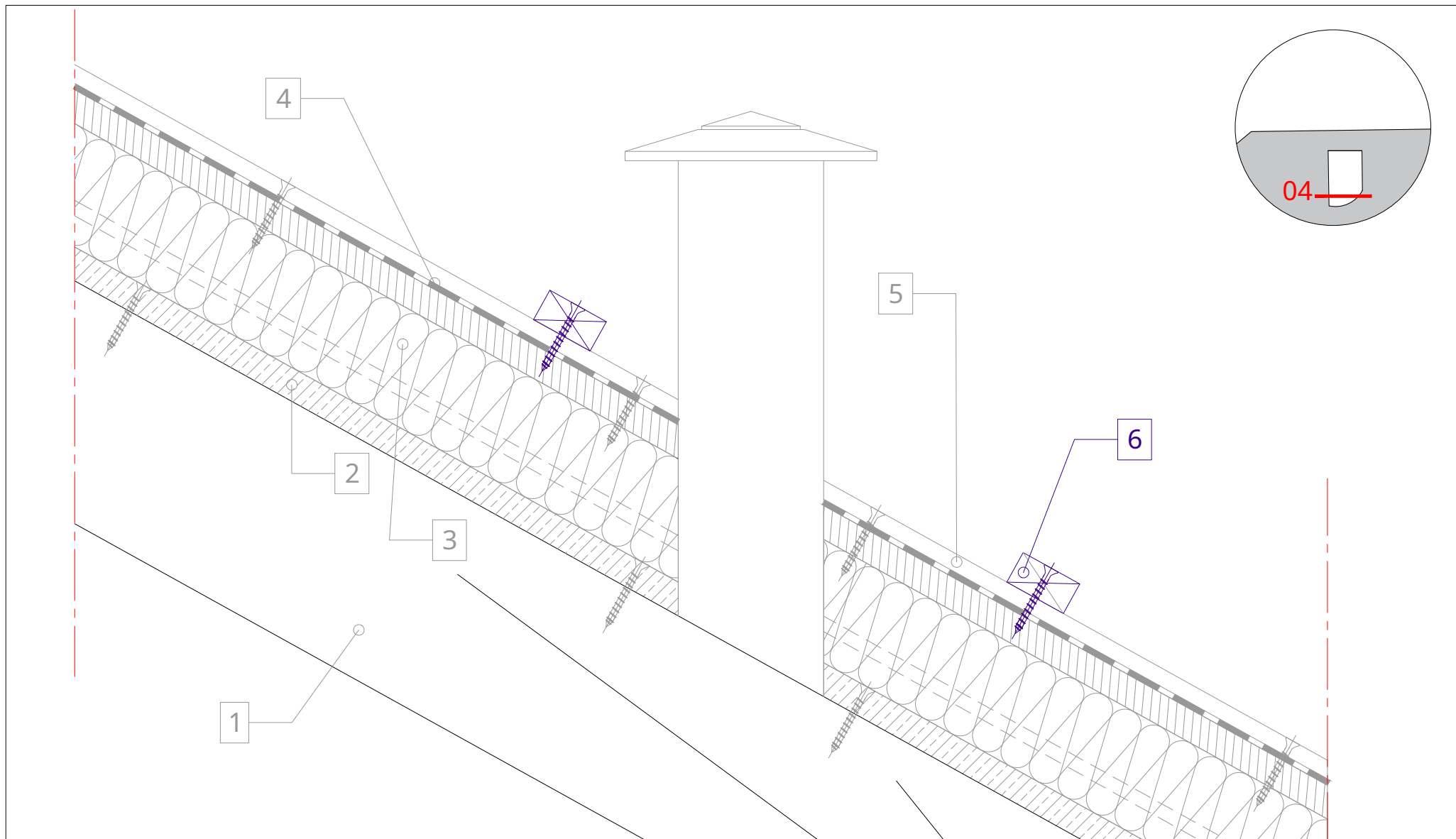
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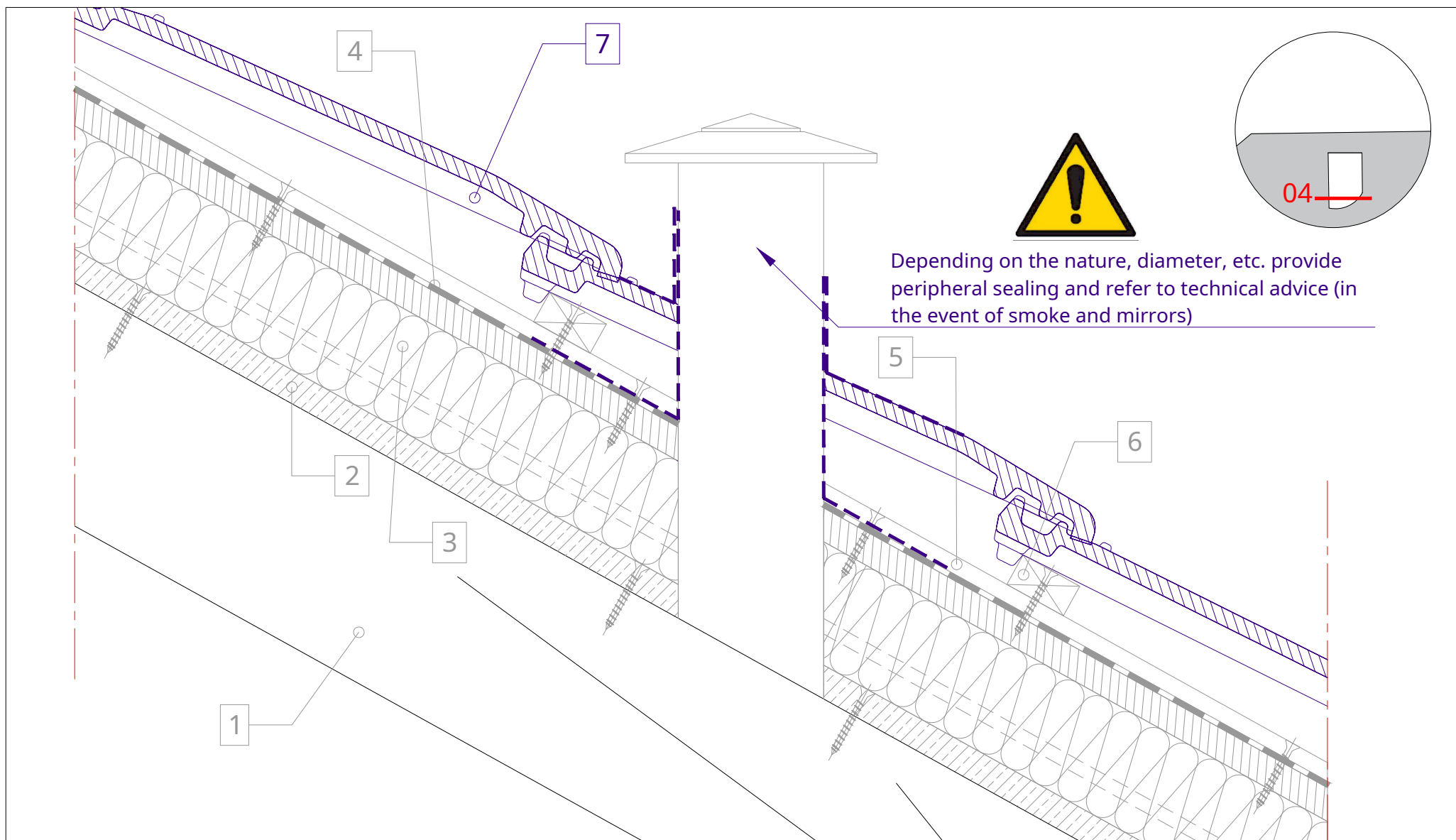
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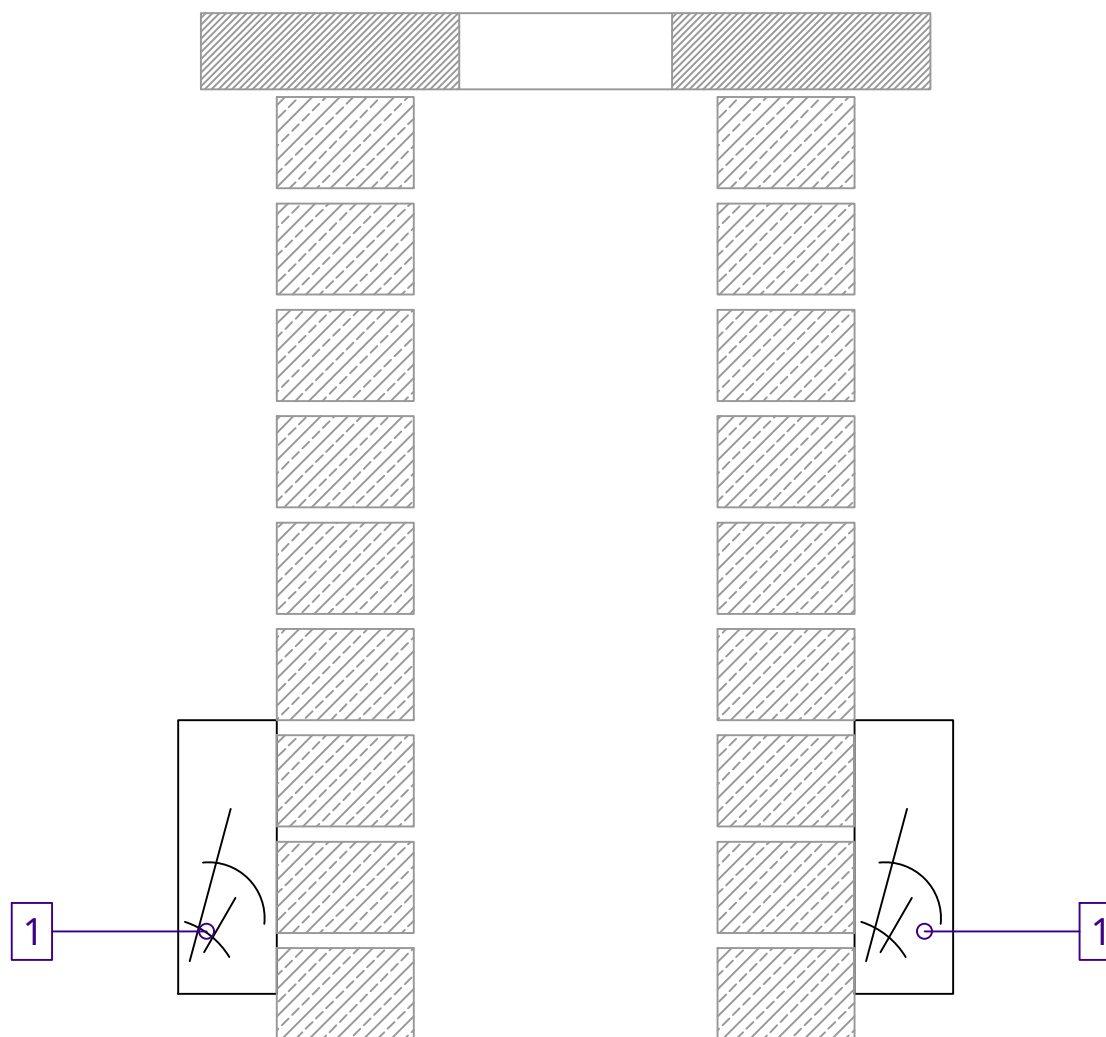
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1. Supporting structure (frame) of the roof

2. P5 grooved/tongued chipboard, installation with alternate joints

3. Departure Rules (RD) on each side of the chimney

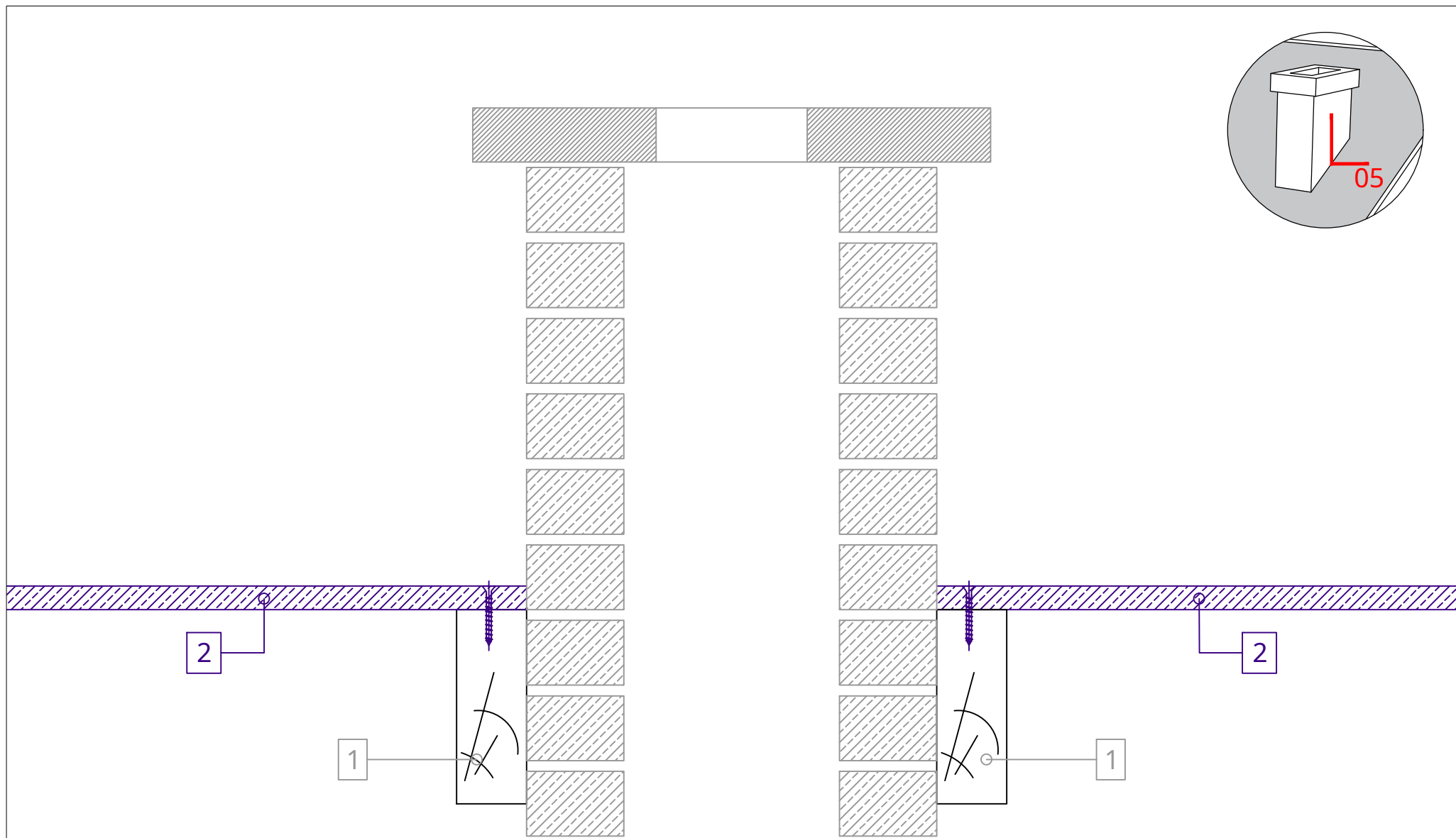
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(every 600mm)

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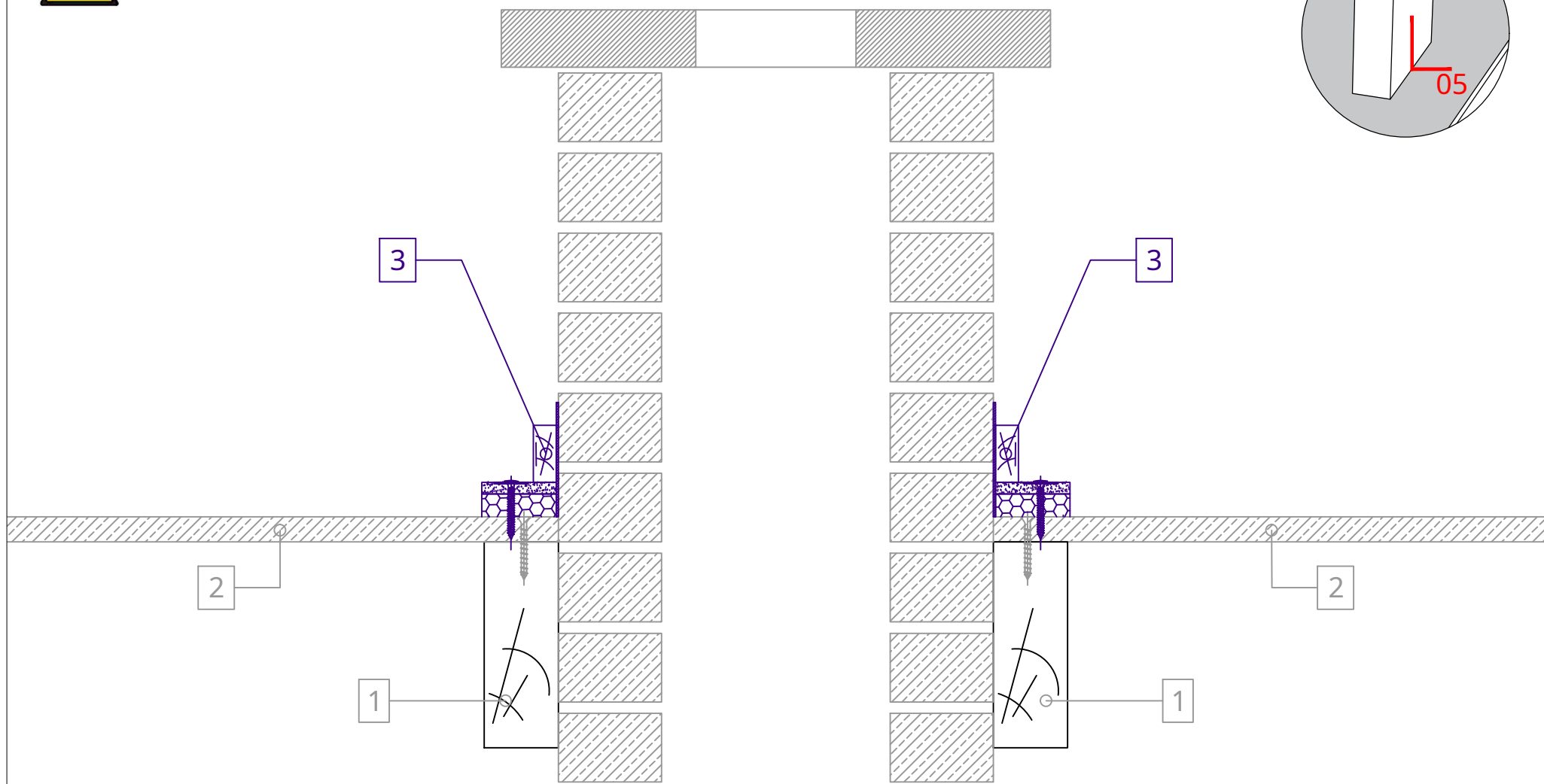
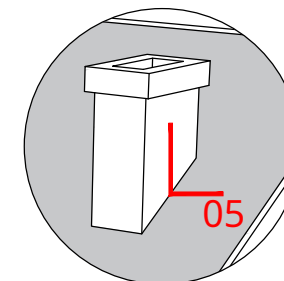


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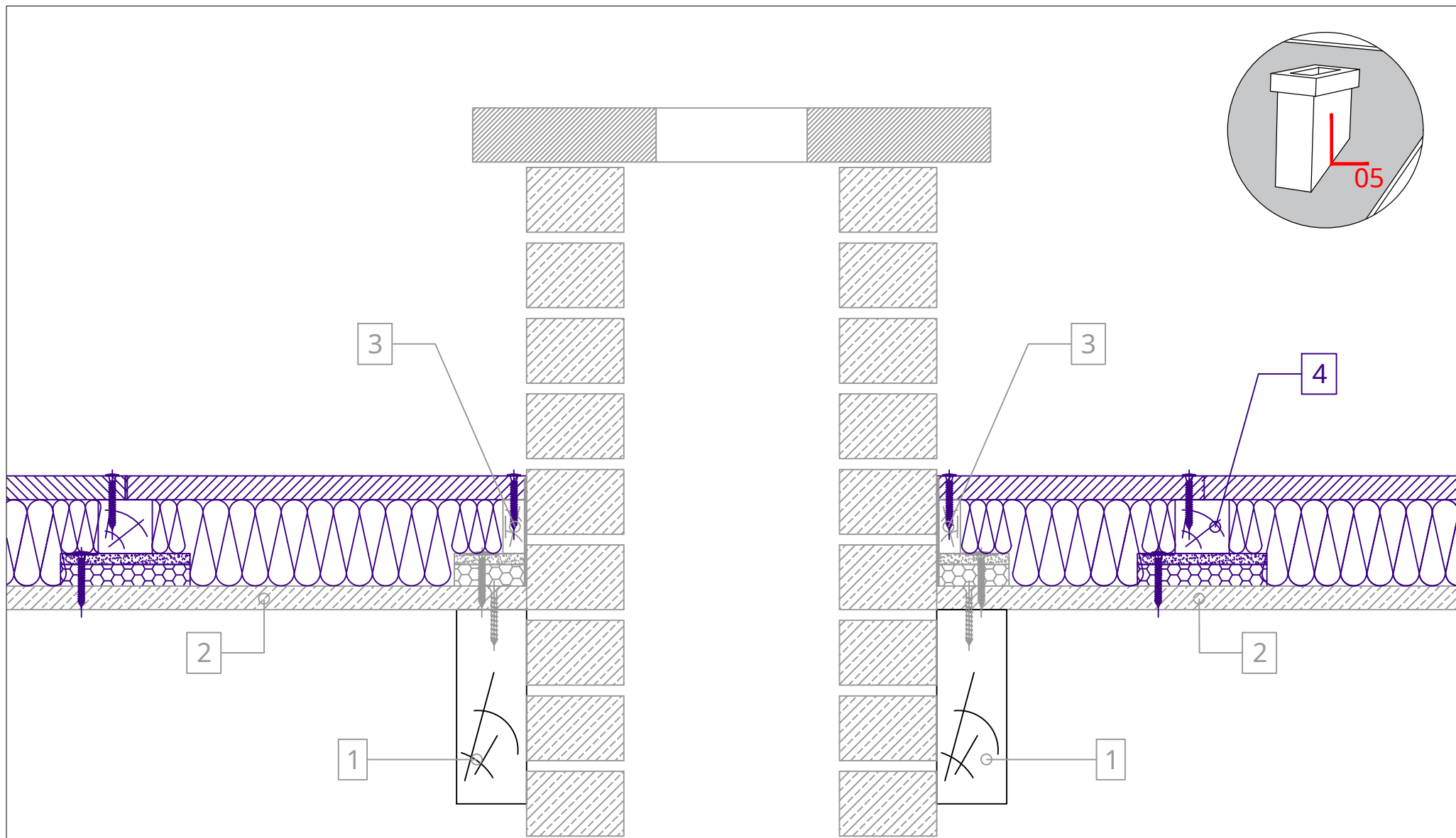


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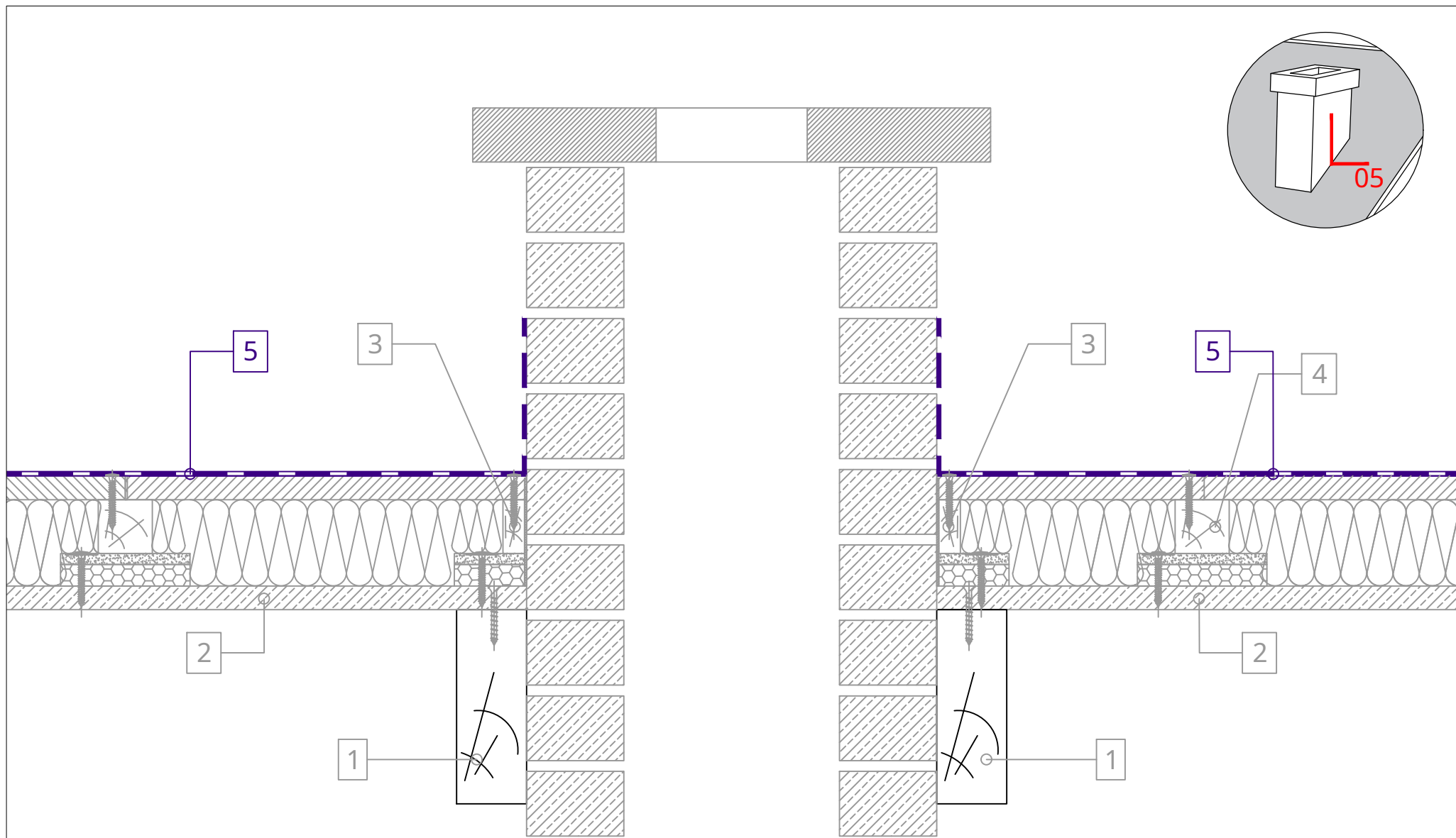
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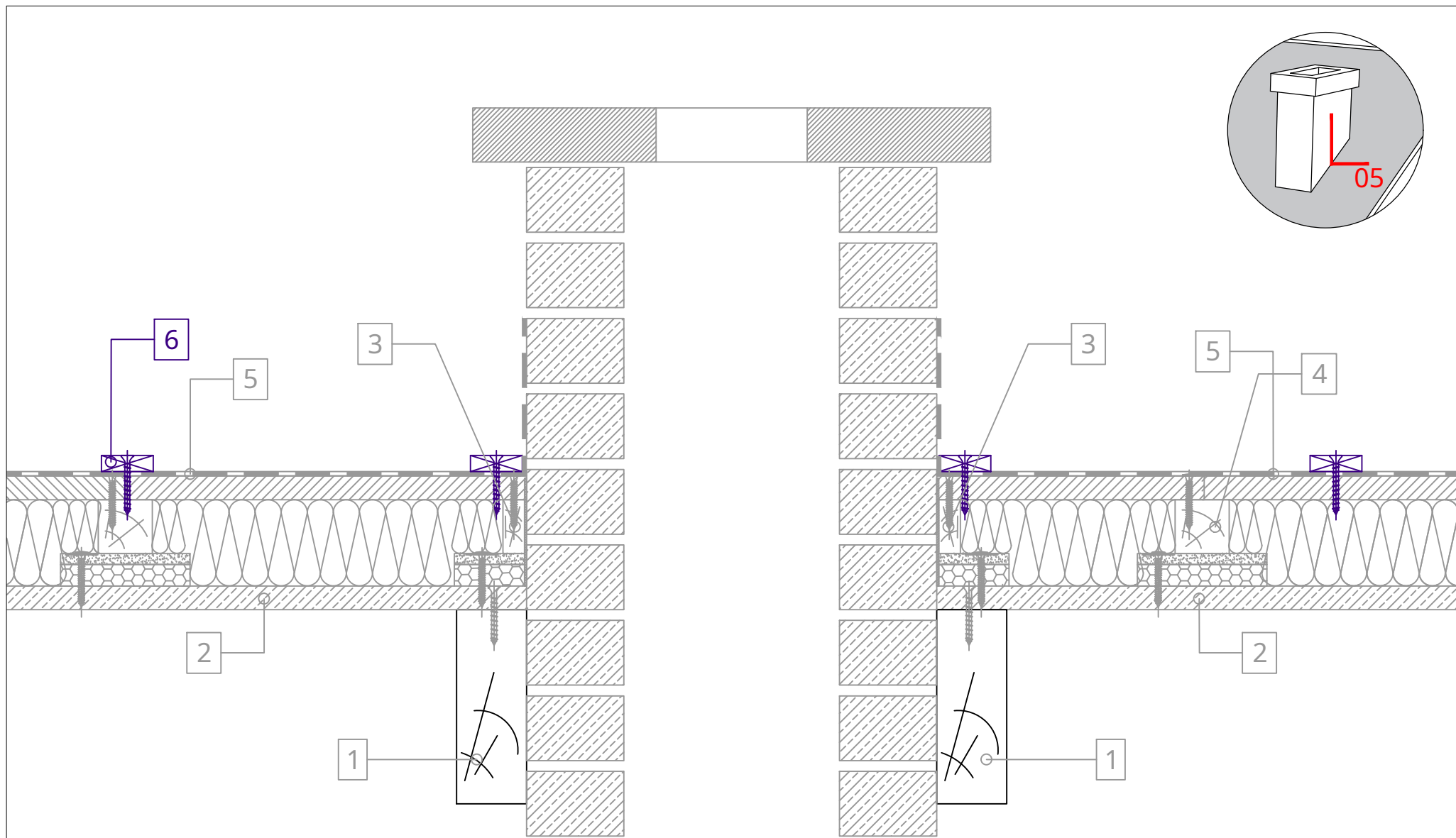
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- 4. PHONOTECH DK acoustic panels (600 x 1200 mm)

- 5. Under-roof membrane
- 6. Counter-slats at the joints of PHONOTECH DK panels (every 600mm)
- 7. Battens
- 8. Roof covering



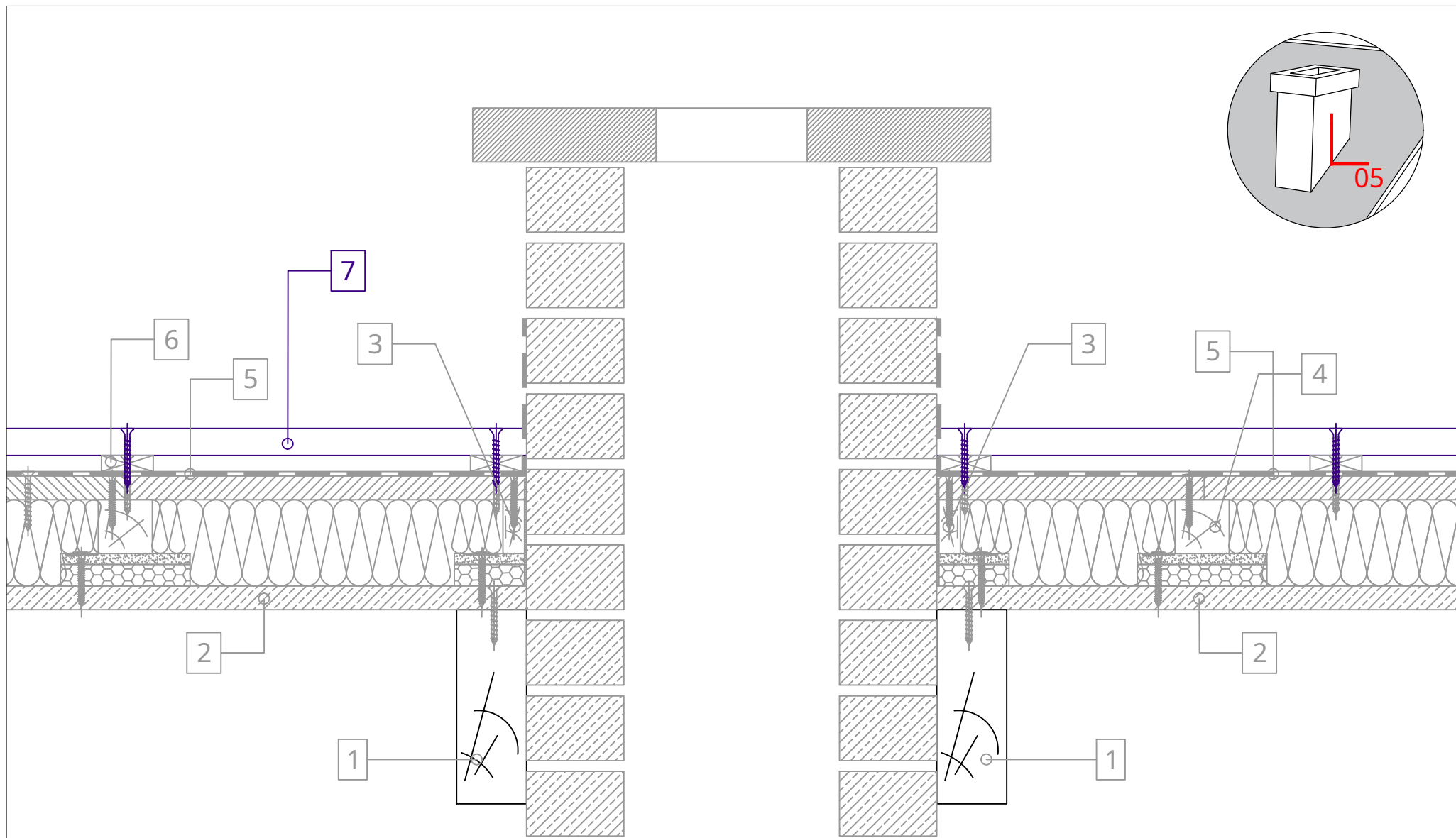
- 1. Supporting structure (frame) of the roof
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- 8. Roof covering



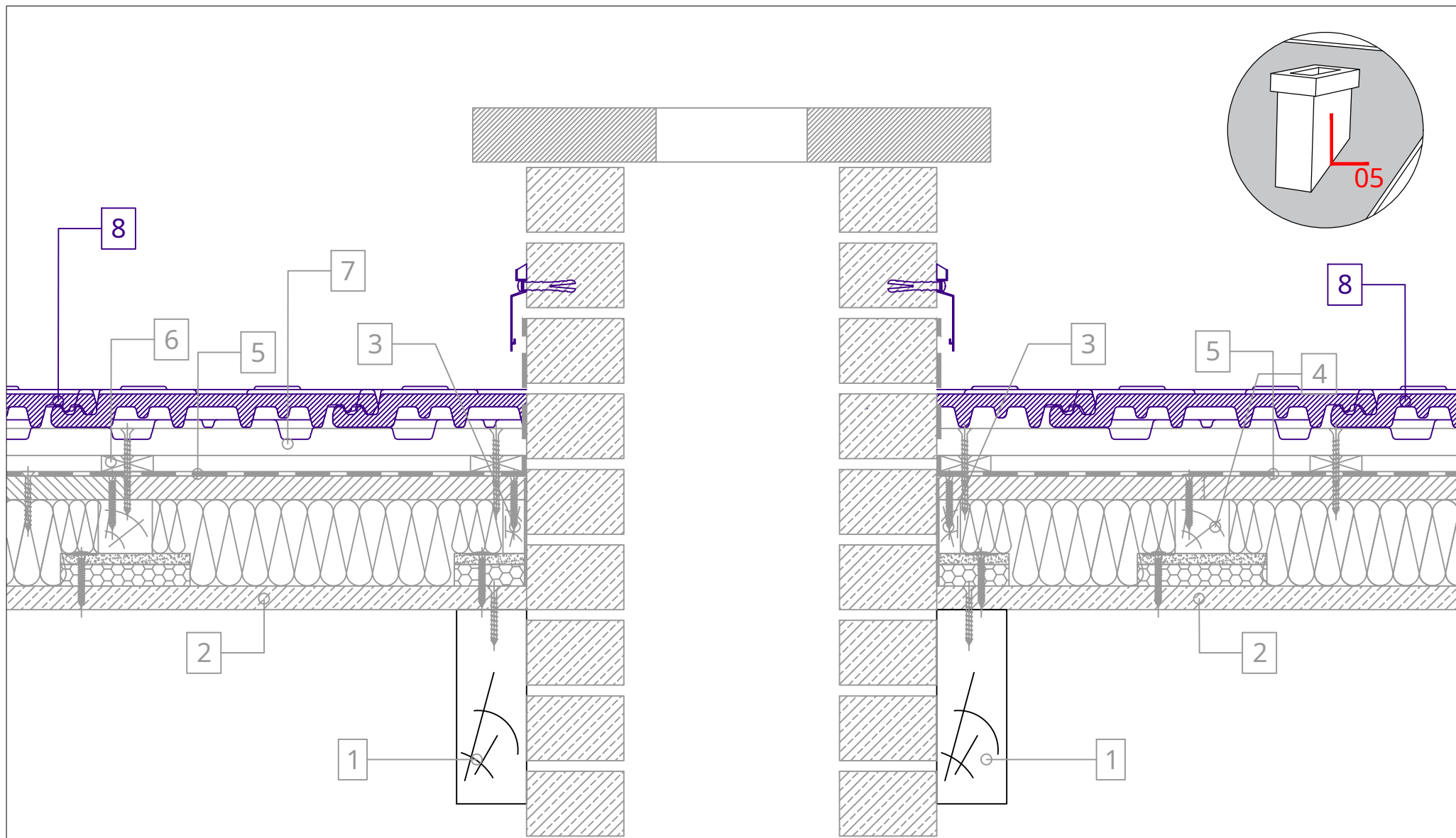
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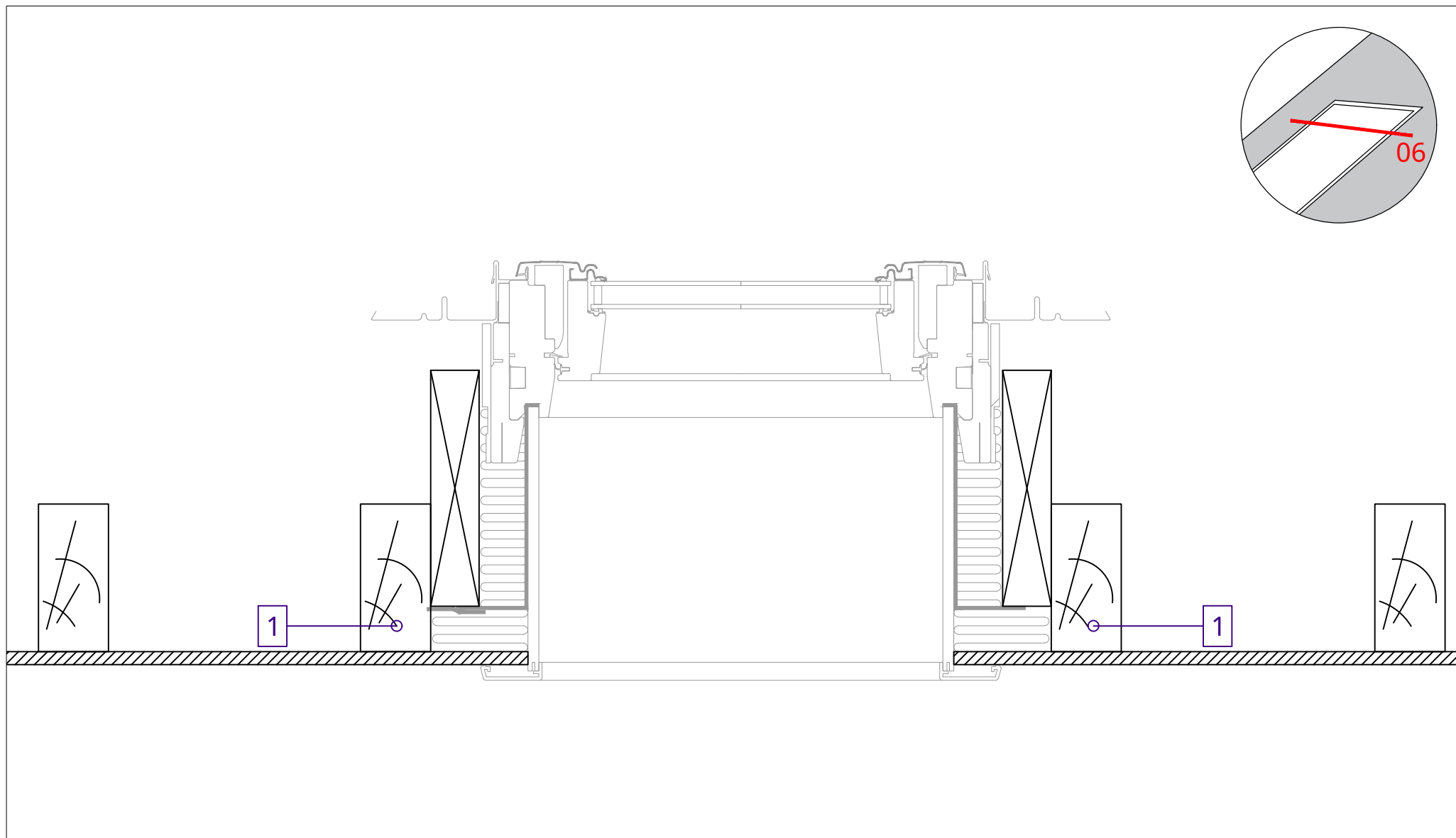
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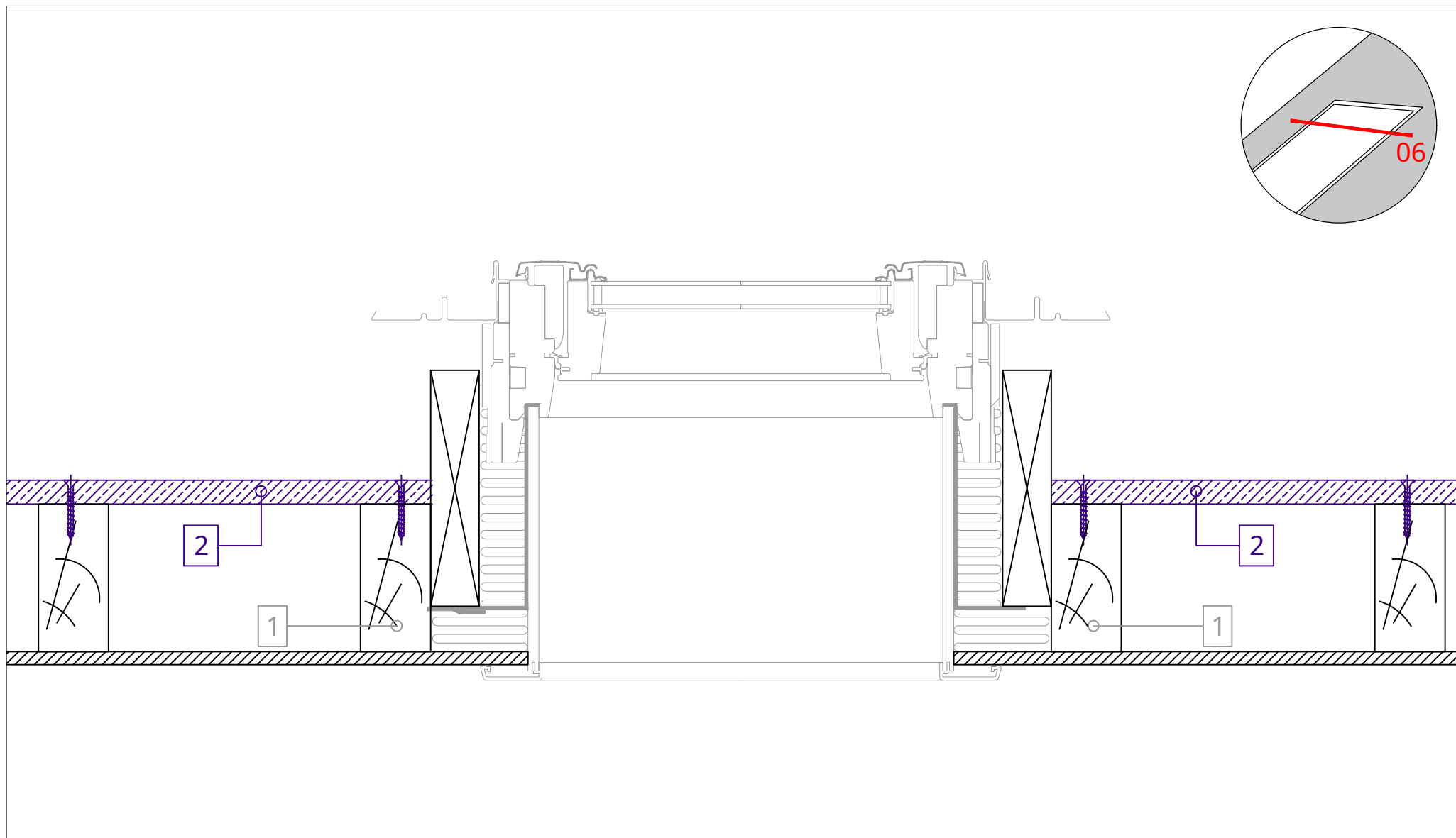


1. Supporting structure (frame) of the roof

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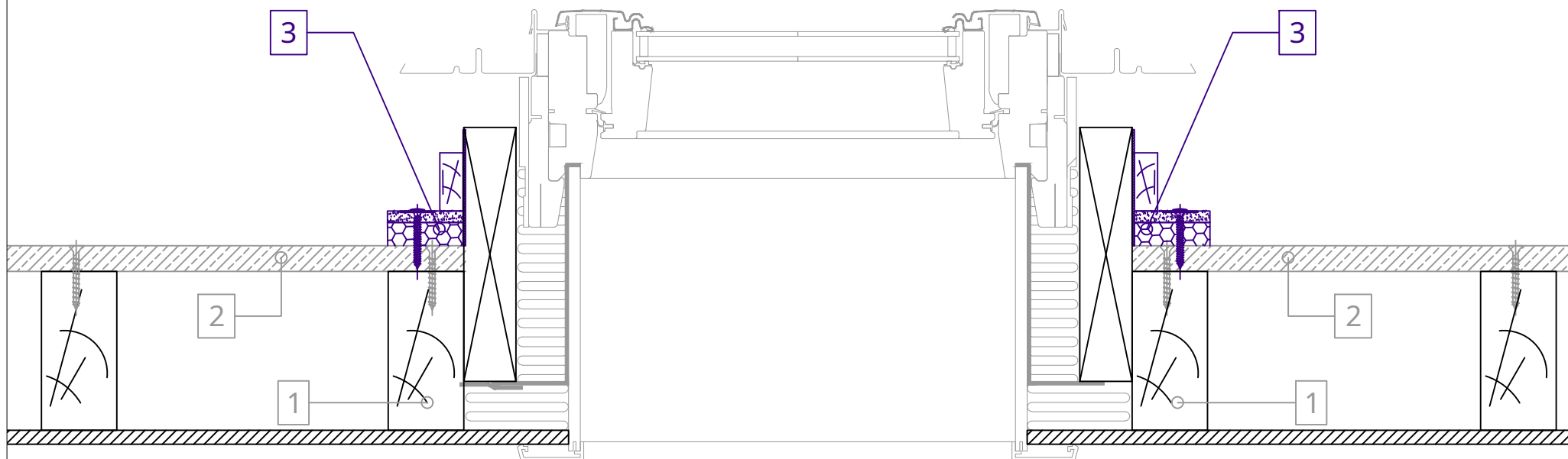
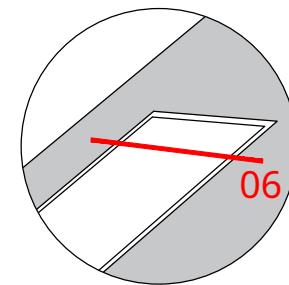


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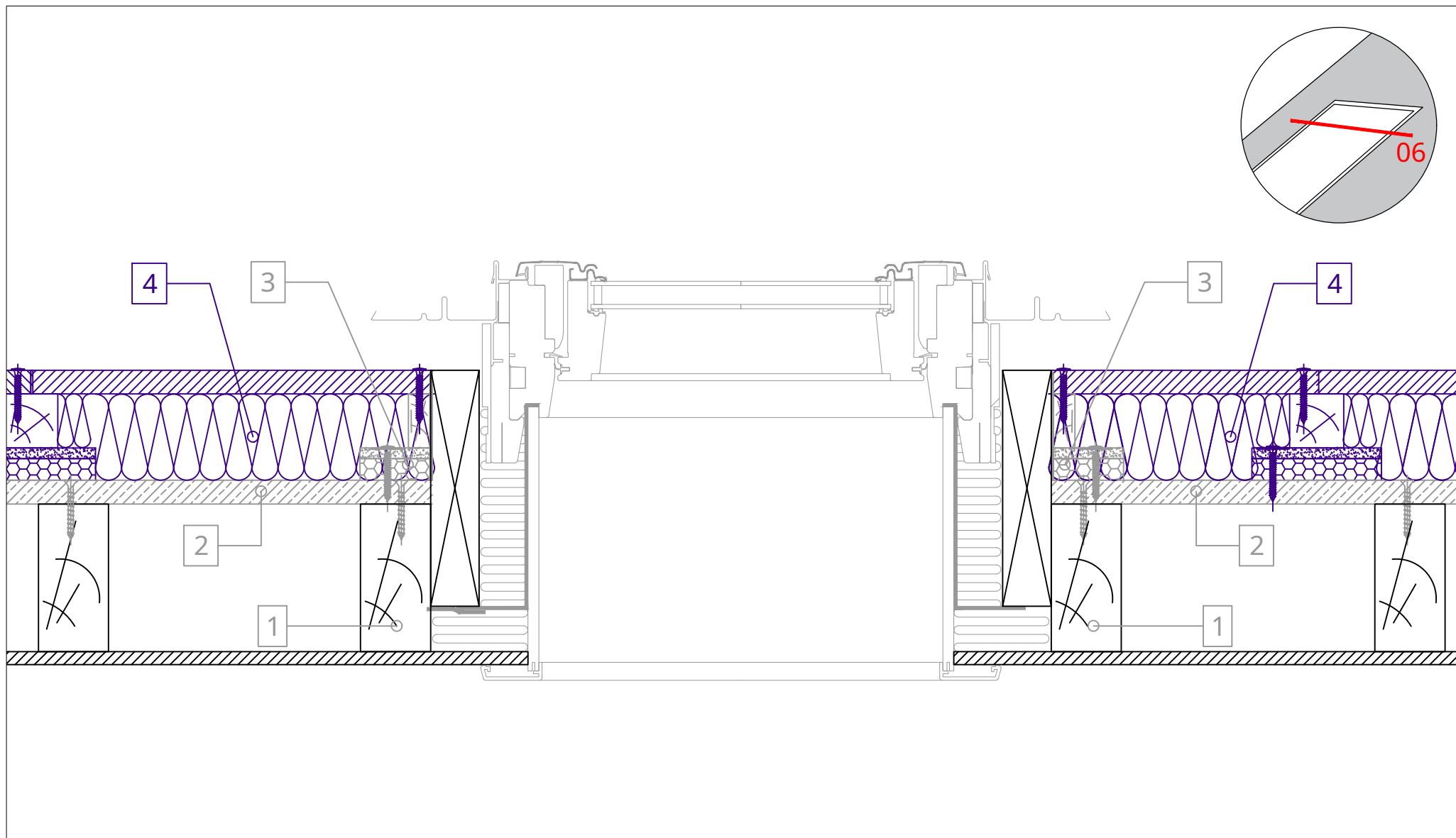


- Compress the mattress for tightening
- The last rule is to cut to size



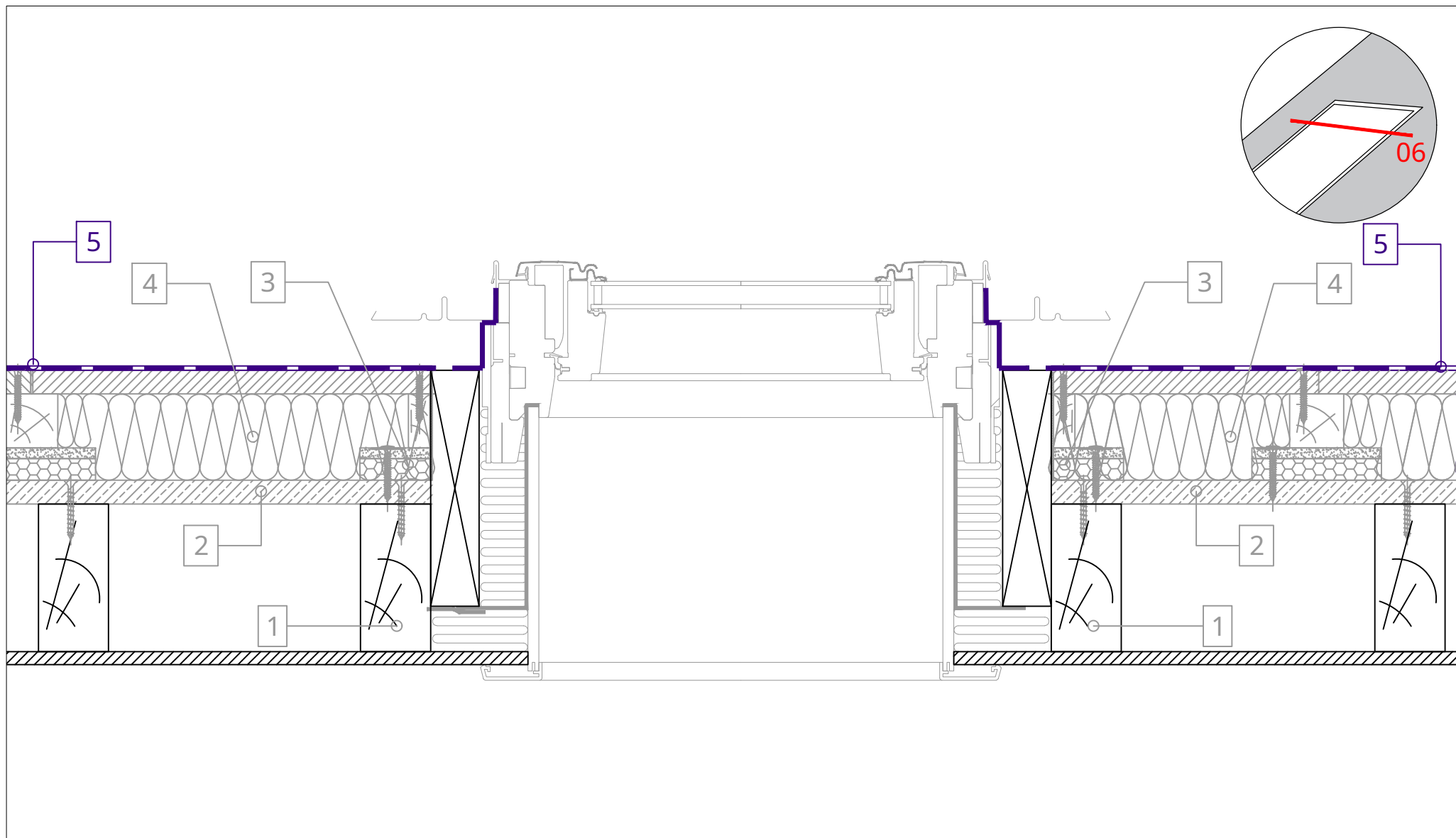
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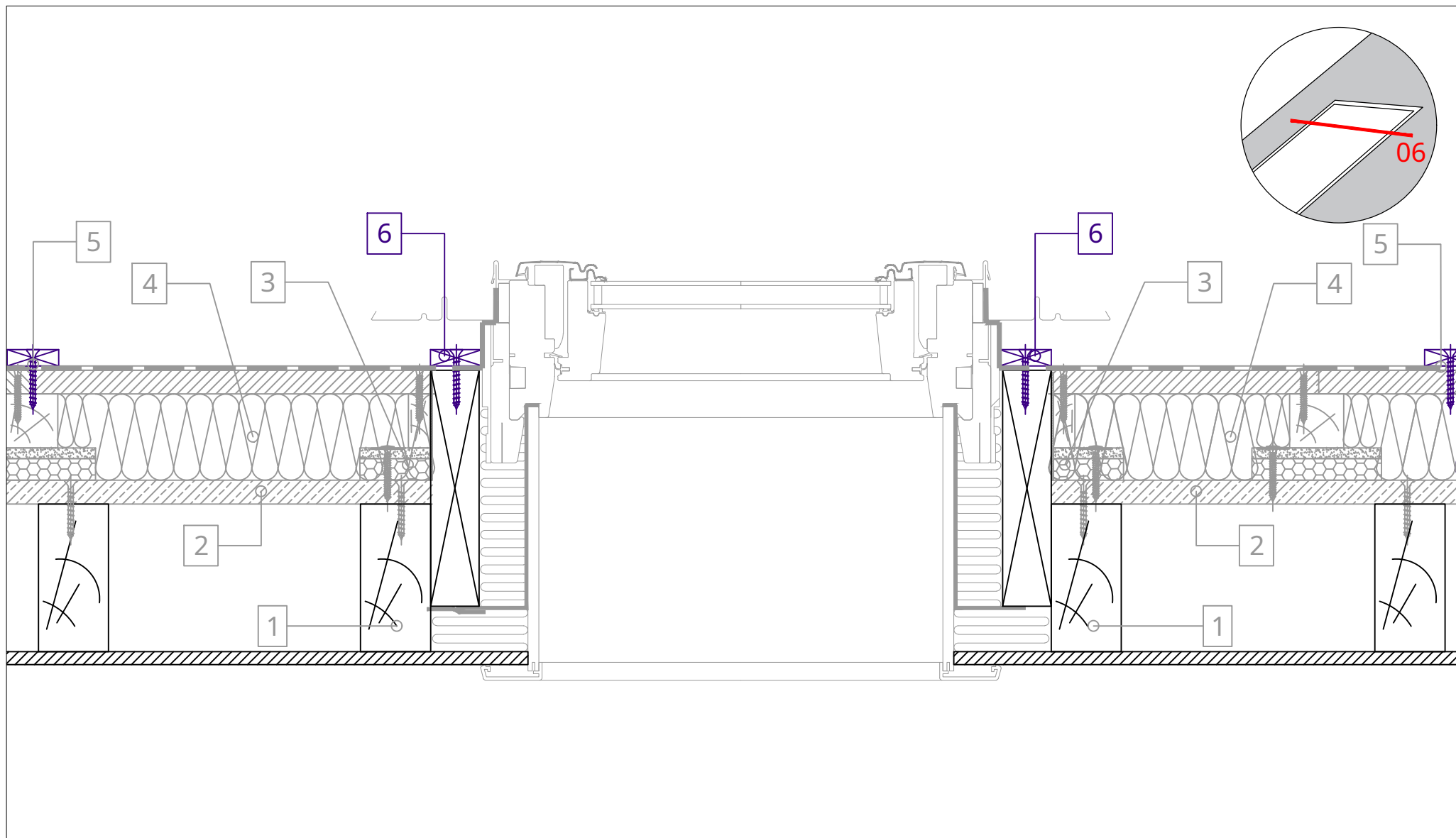
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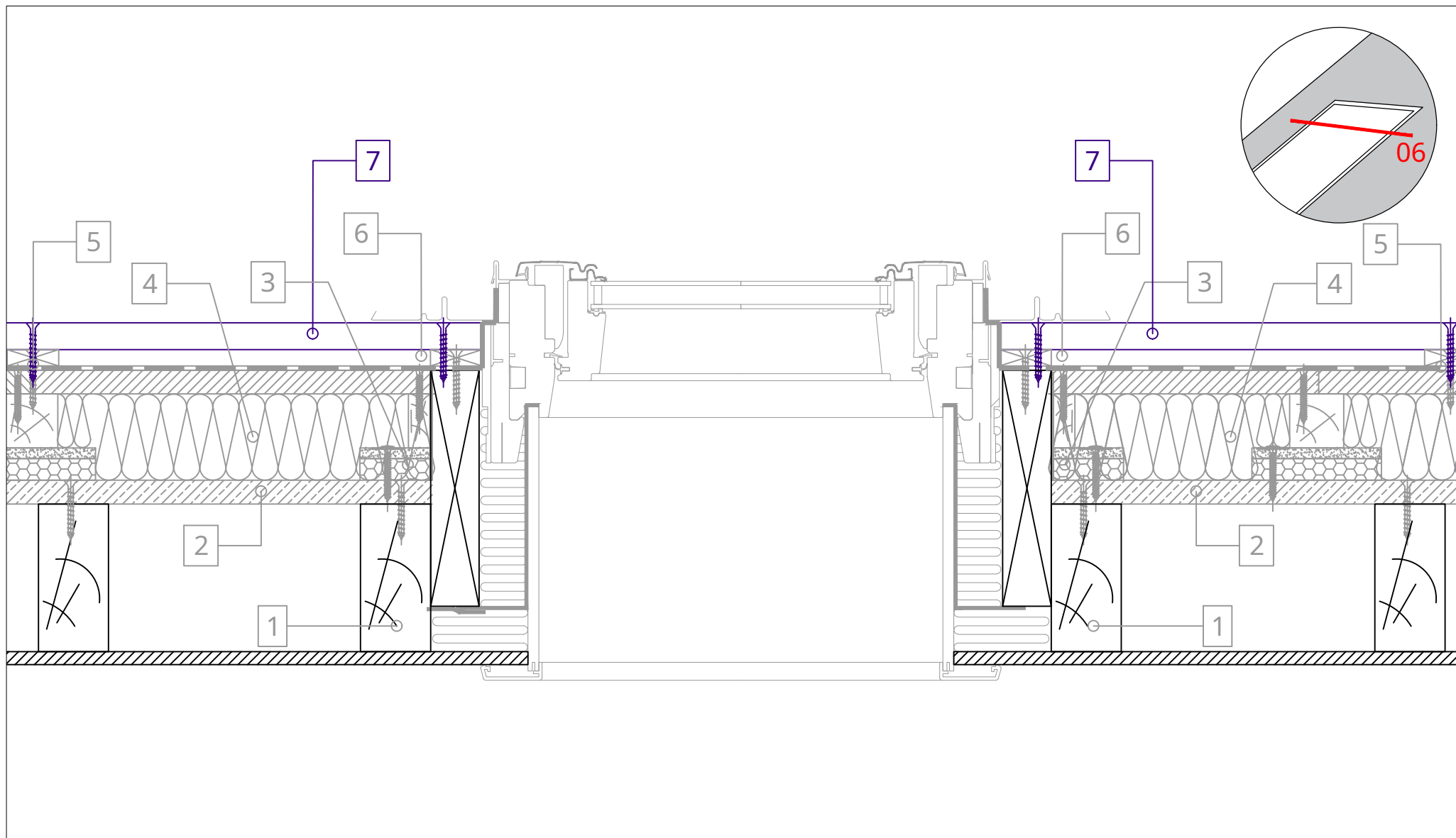
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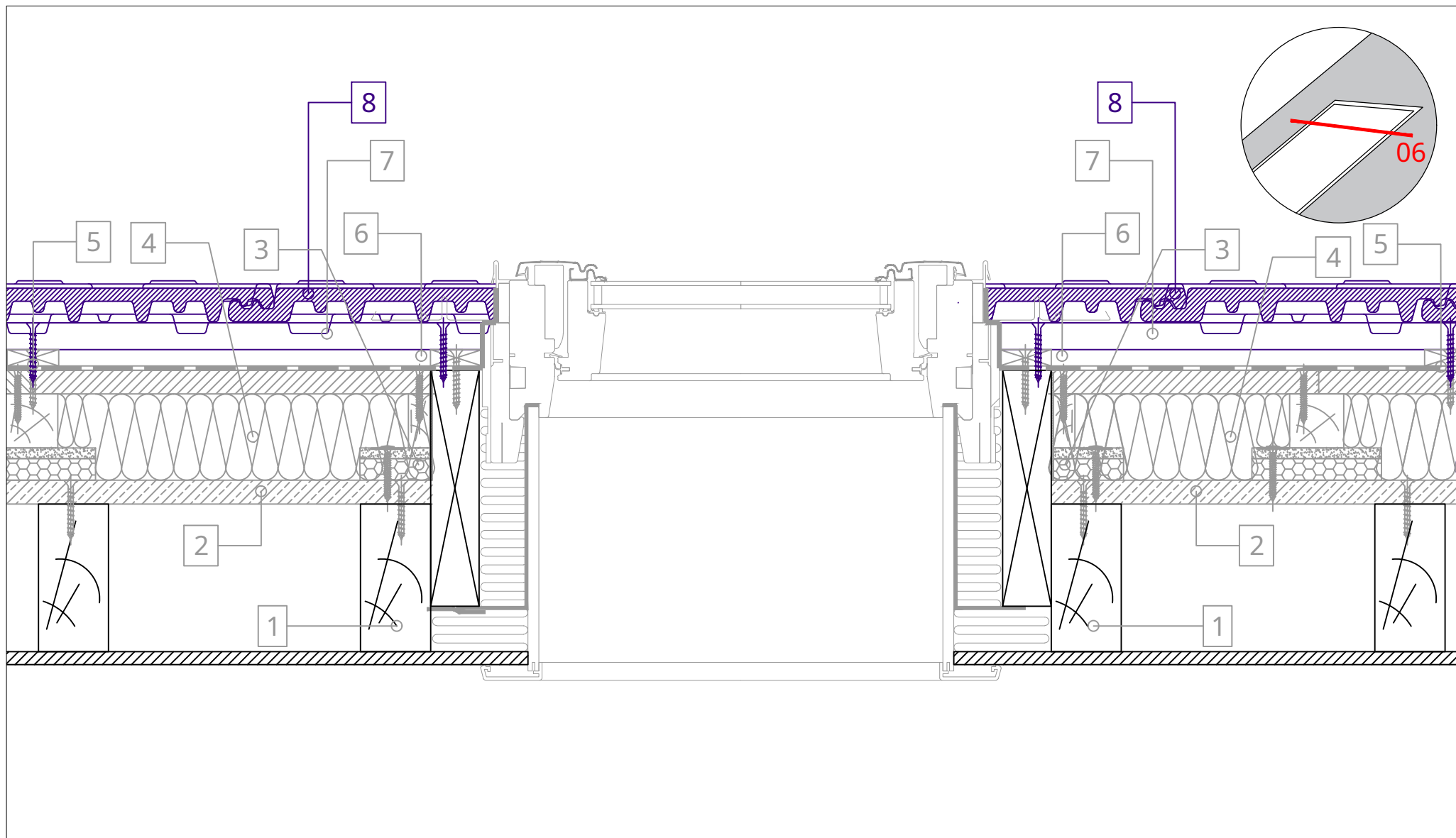
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