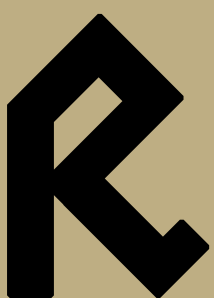


DETAIL DRAWINGS



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SHAPING ROOFS

DETAIL DRAWINGS

GENERAL NOTES

The technical data provided in this communication is for information purposes only.

The following detail drawings represent suggestions for standard roof structure design and must be adapted by the addressee according to actual construction conditions.

The design of these types of roof structure requires careful planning and calculation based on the actual conditions.

The choice and use of proper fixed points and screws must be made in accordance with the static calculations.

ISCOM SPA provides this information based on its experience and knowledge and accepts no liability for any loss, damage, costs or expense incurred in relation to or arising from any person relying on the suggestions and information rendered.

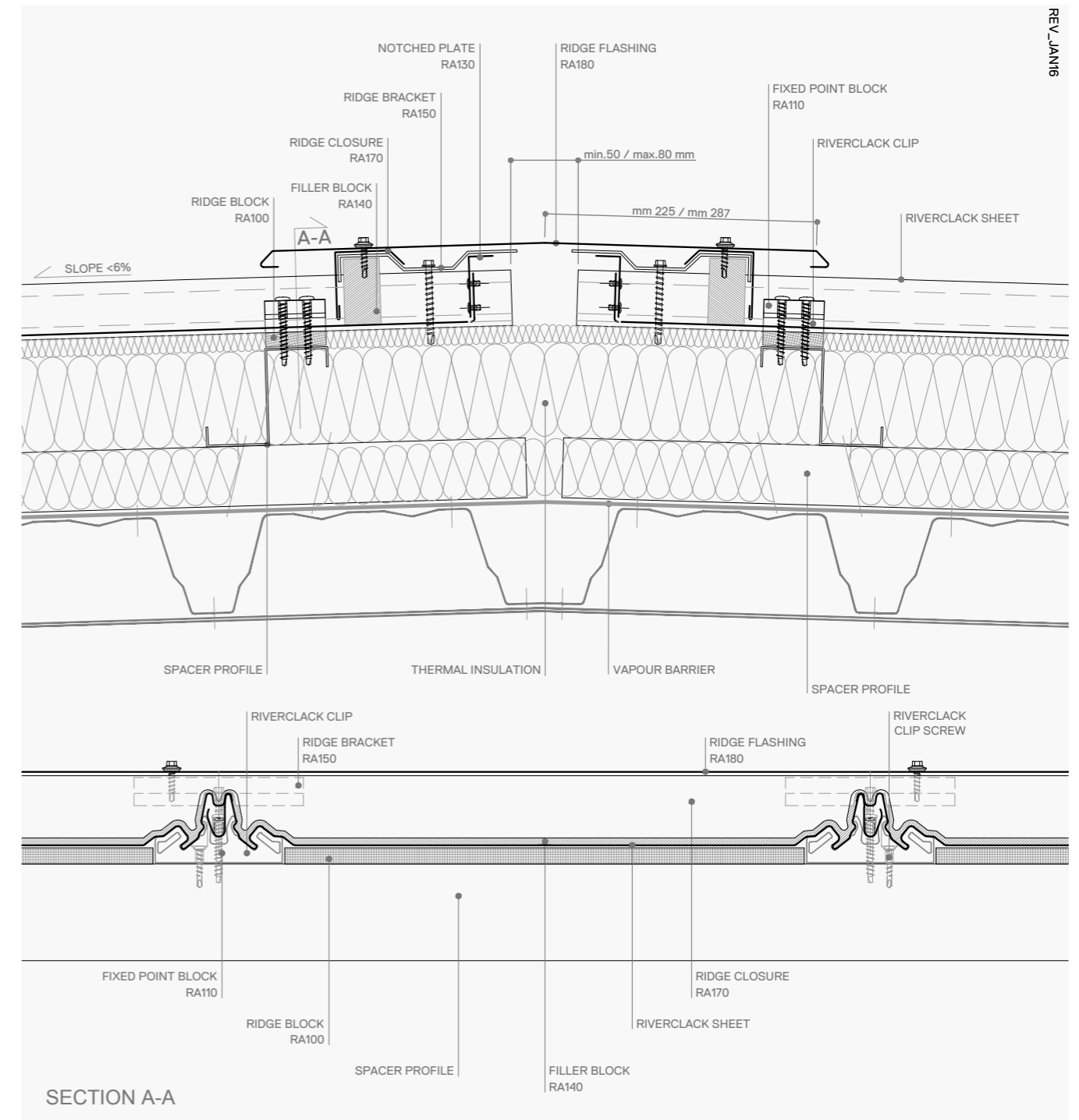
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DUO PITCH RIDGE STEEL STRUCTURE

DETAIL 01.02.S

TECHNICAL SITUATION / SCALE 1:5



- NOTES**
- Slope <math>< 6\%</math>
 - If length of sheet > 20m use item RA120 as fixed point according to instructions or use two RA110 (up to max length 40m) according to instructions

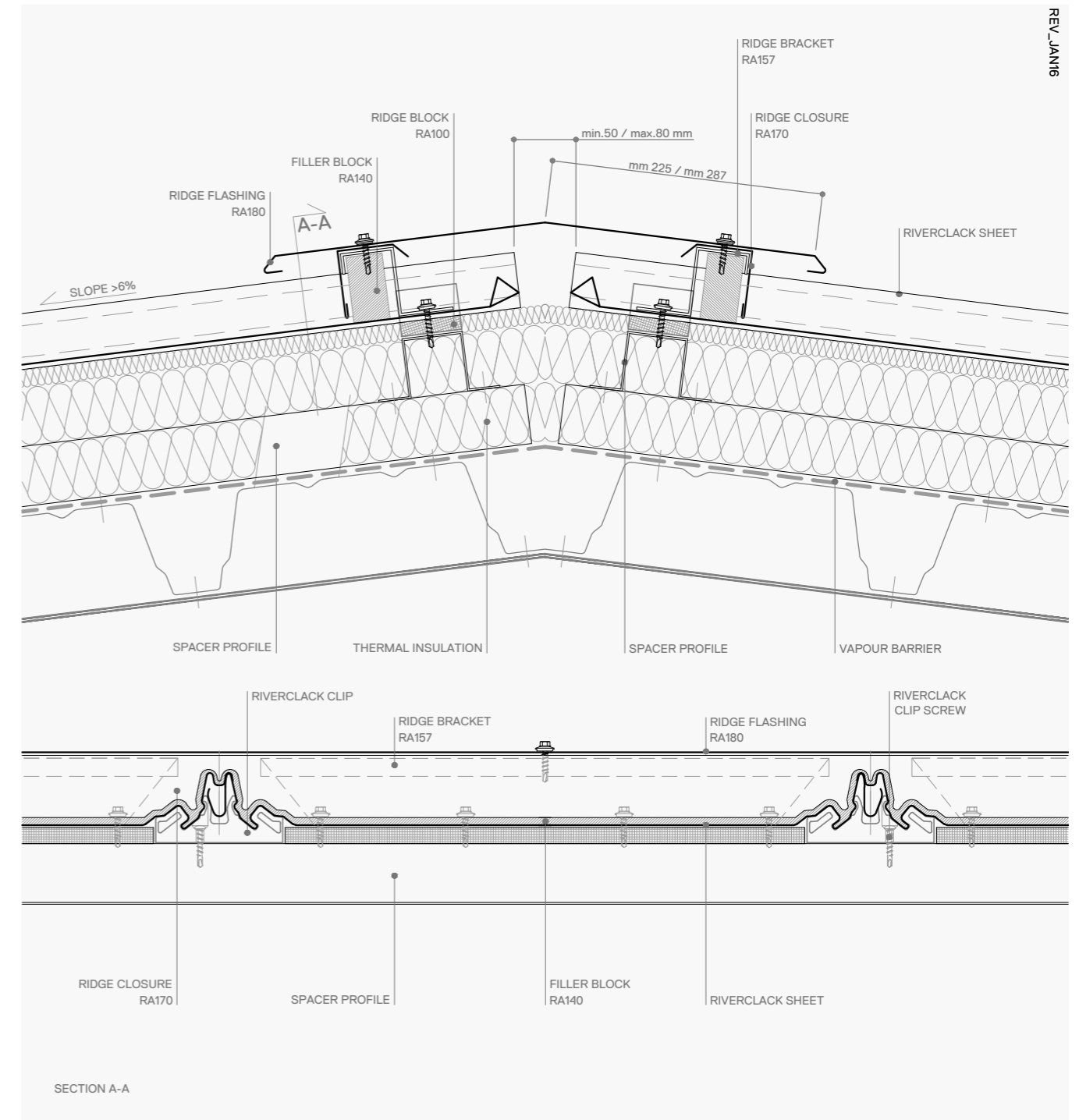
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DUO PITCH RIDGE STEEL STRUCTURE

DETAIL 01.03.S

TECHNICAL SITUATION / SCALE 1:5



- NOTES
- Slope > 6%
 - As ridge bracket RA157 is also a fixed point use it according to instructions

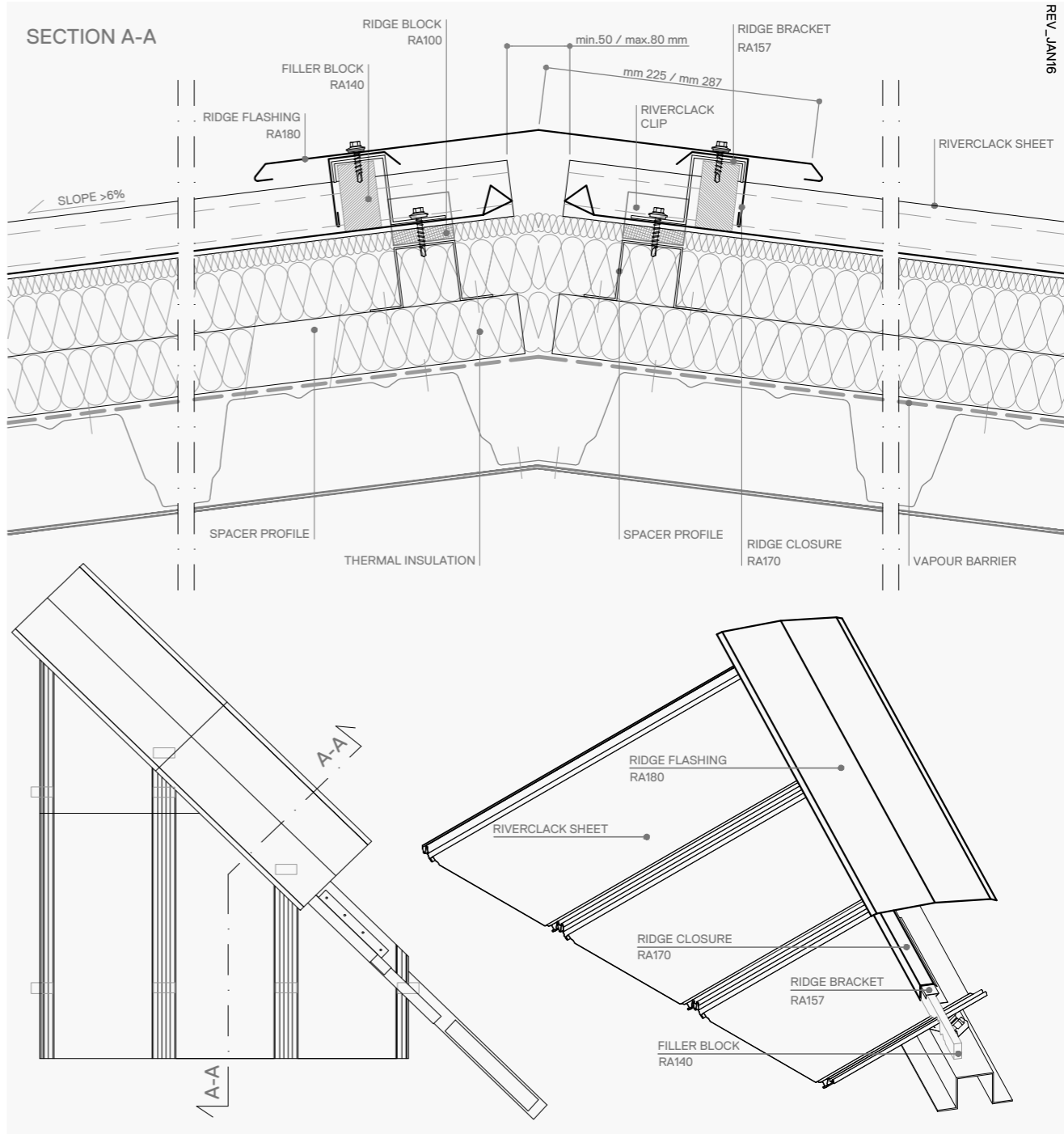
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DIAGONAL ROOF RIDGE STEEL STRUCTURE

DETAIL 01.04.S

TECHNICAL SITUATION / SCALE 1:5



REV. JAN16

NOTES

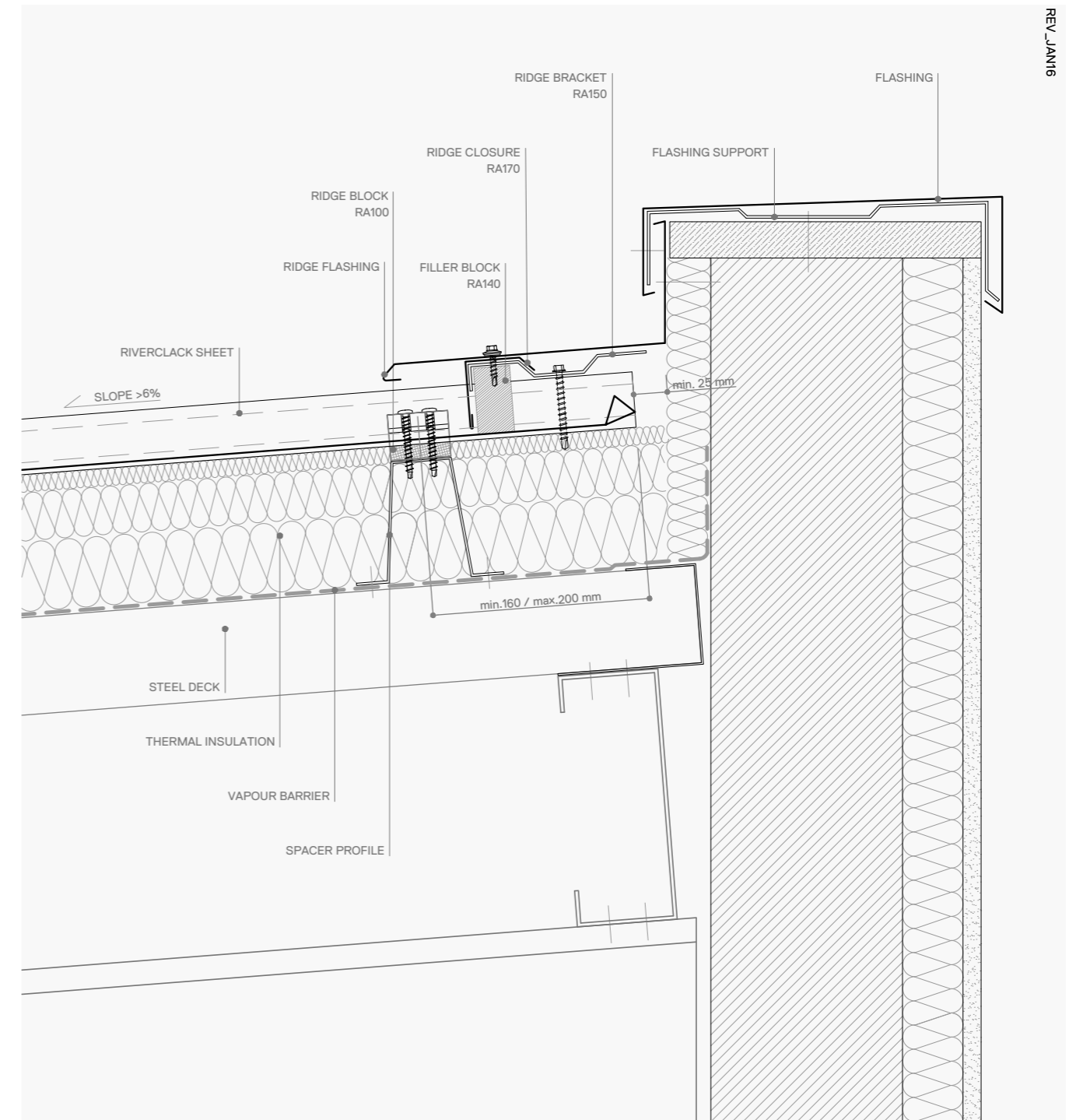
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MONO PITCH RIDGE STEEL STRUCTURE

DETAIL 02.01.S

TECHNICAL SITUATION / SCALE 1:5



NOTES

- Slope > 6%
- If length of sheet > 20m use item RA120 as fixed point according to instructions or use two RA110 (up to max length 40m) according to instructions

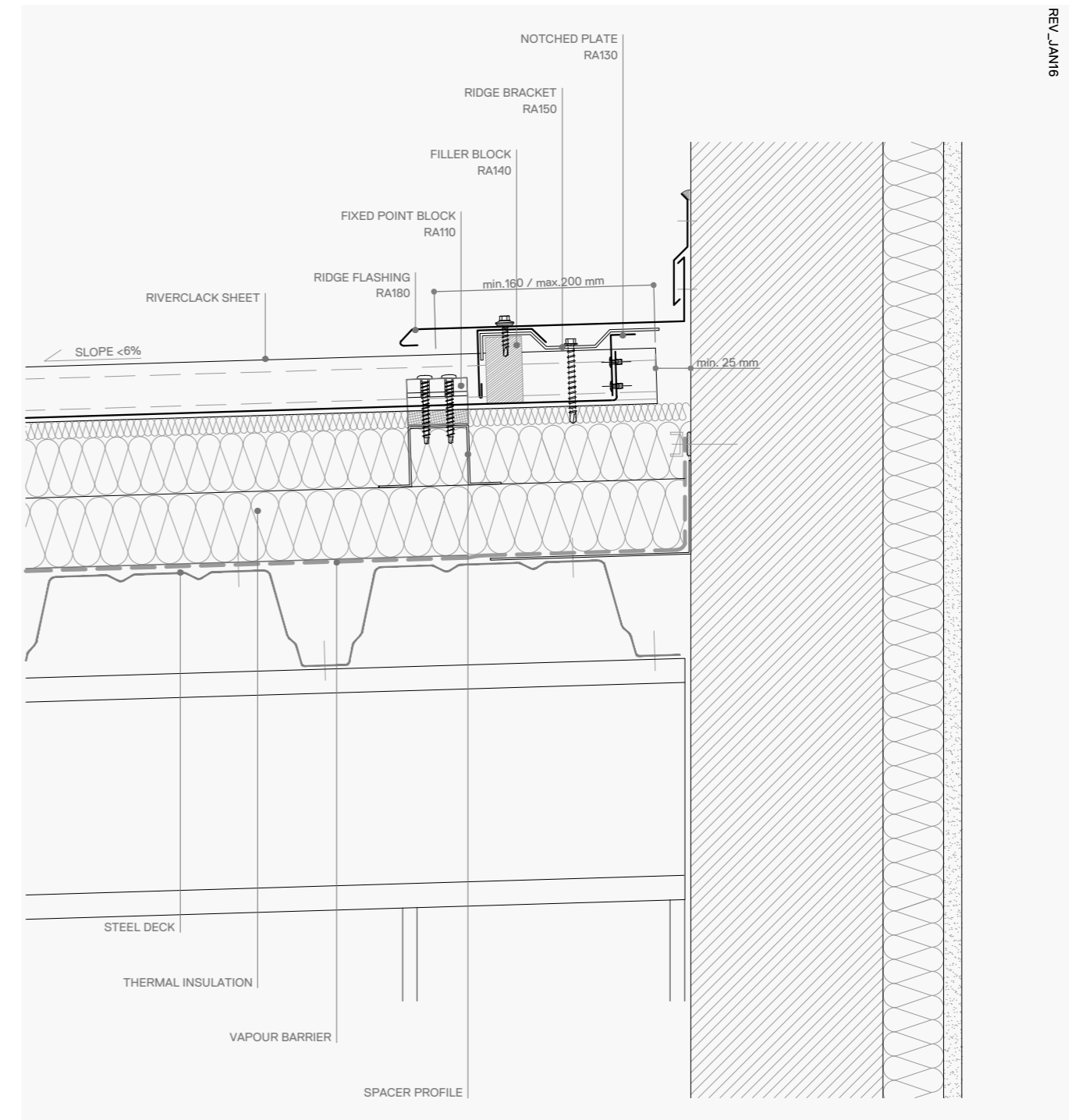
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MONO PITCH RIDGE STEEL STRUCTURE

DETAIL 02.02.S

TECHNICAL SITUATION / SCALE 1:5



NOTES

- Slope <math>< 6\%</math>
- If length of sheet > 20m use item RA120 as fixed point according to instructions or use two RA110 (up to max length 40m) according to instructions

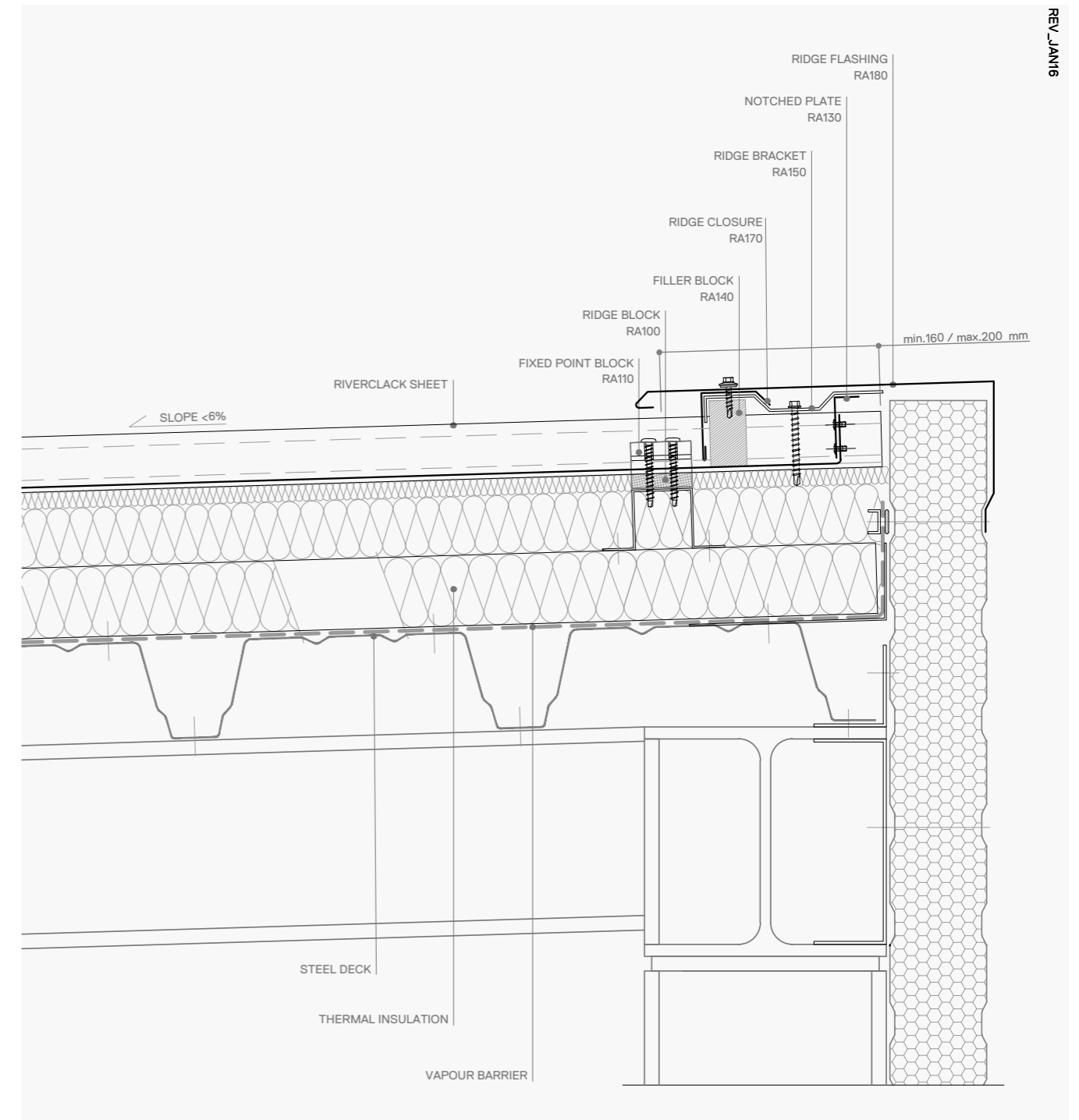
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MONO PITCH RIDGE STEEL STRUCTURE

DETAIL 02.03.S

TECHNICAL SITUATION / SCALE 1:5



REV. JAM16

- NOTES
- Slope < 6%
 - If length of sheet > 20m use item RA120 as fixed point according to instructions or use two RA110 (up to max length 40m) according to instructions

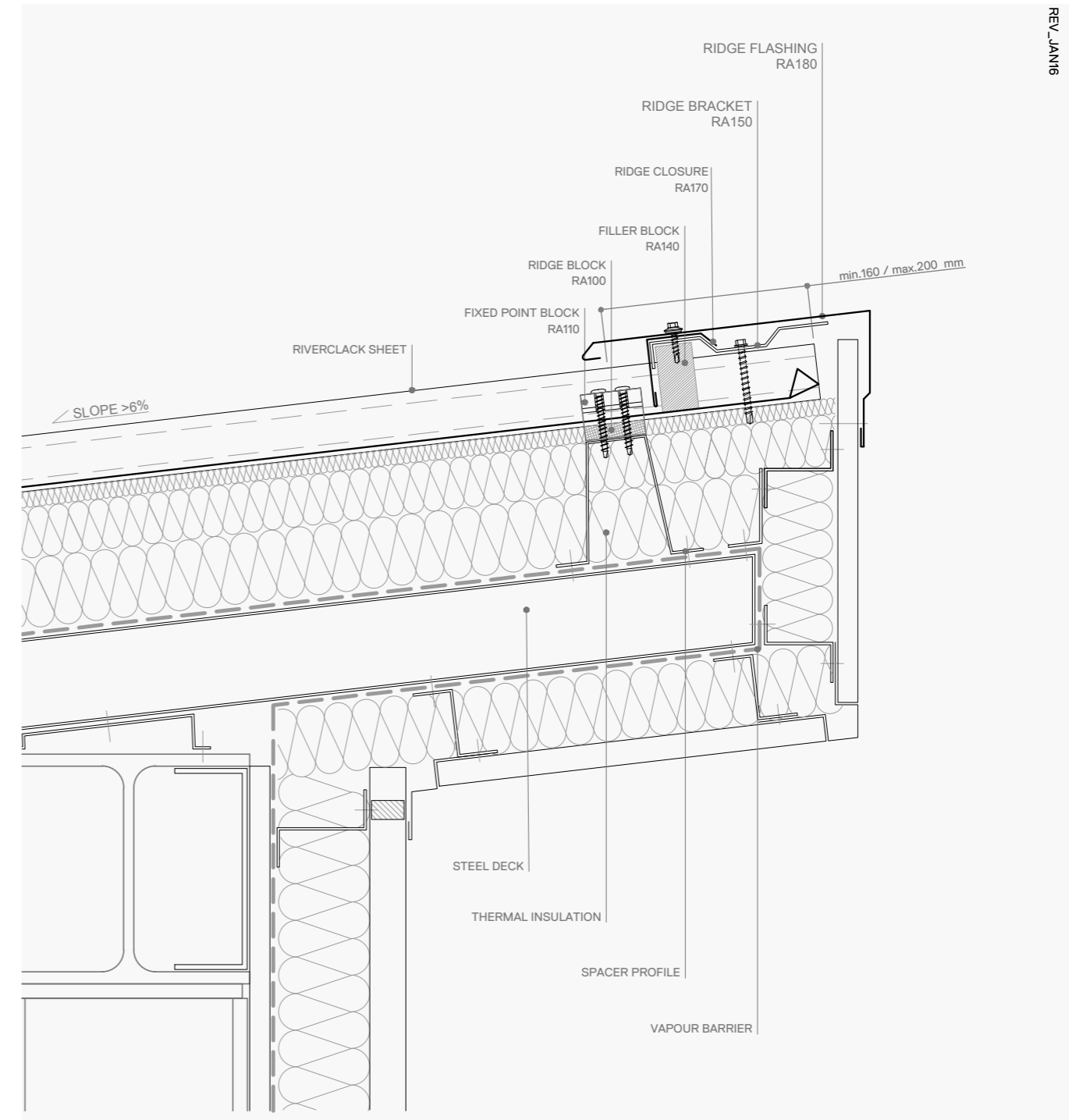
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MONO PITCH RIDGE STEEL STRUCTURE

DETAIL 02.04.S

TECHNICAL SITUATION / SCALE 1:5



NOTES

- Slope > 6%
- If length of sheet > 20m use item RA120 as fixed point according to instructions or use two RA110 (up to max length 40m) according to instructions

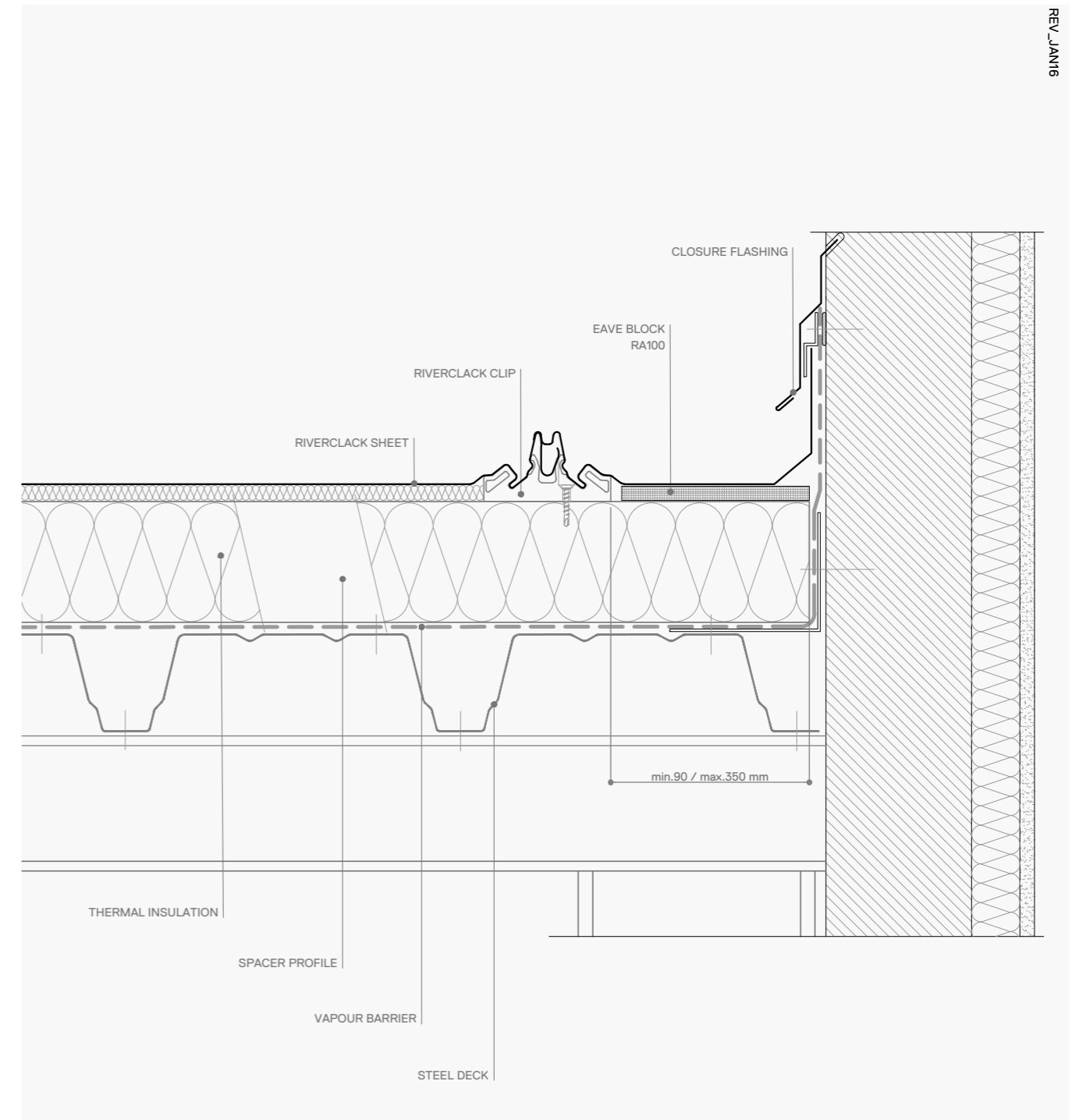
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PARAPET VERGE STEEL STRUCTURE

DETAIL 03.01.S

TECHNICAL SITUATION / SCALE 1:5



NOTES

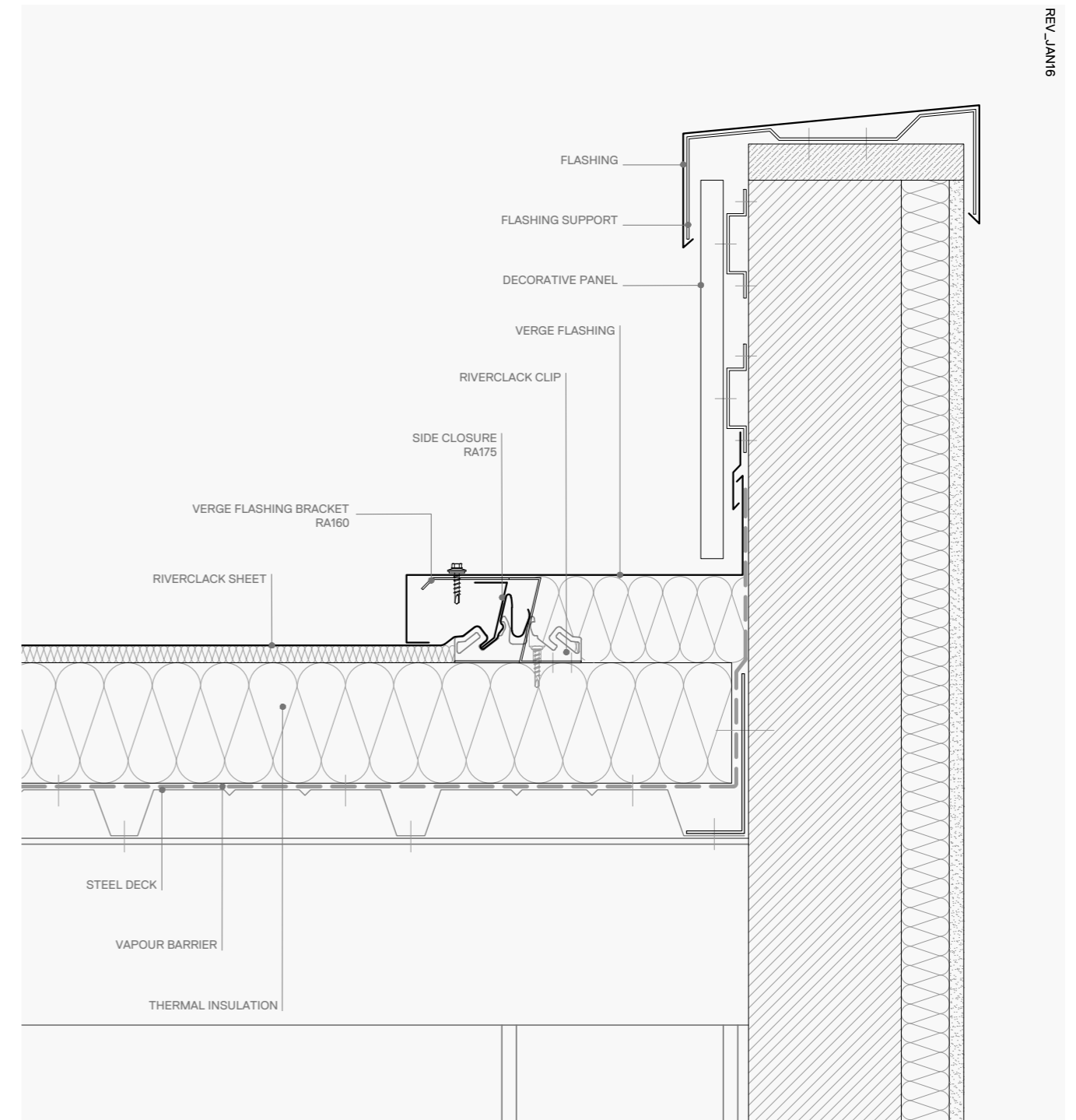
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PARAPET VERGE STEEL STRUCTURE

DETAIL 03.02.S

TECHNICAL SITUATION / SCALE 1:5



REV_JAM16

NOTES

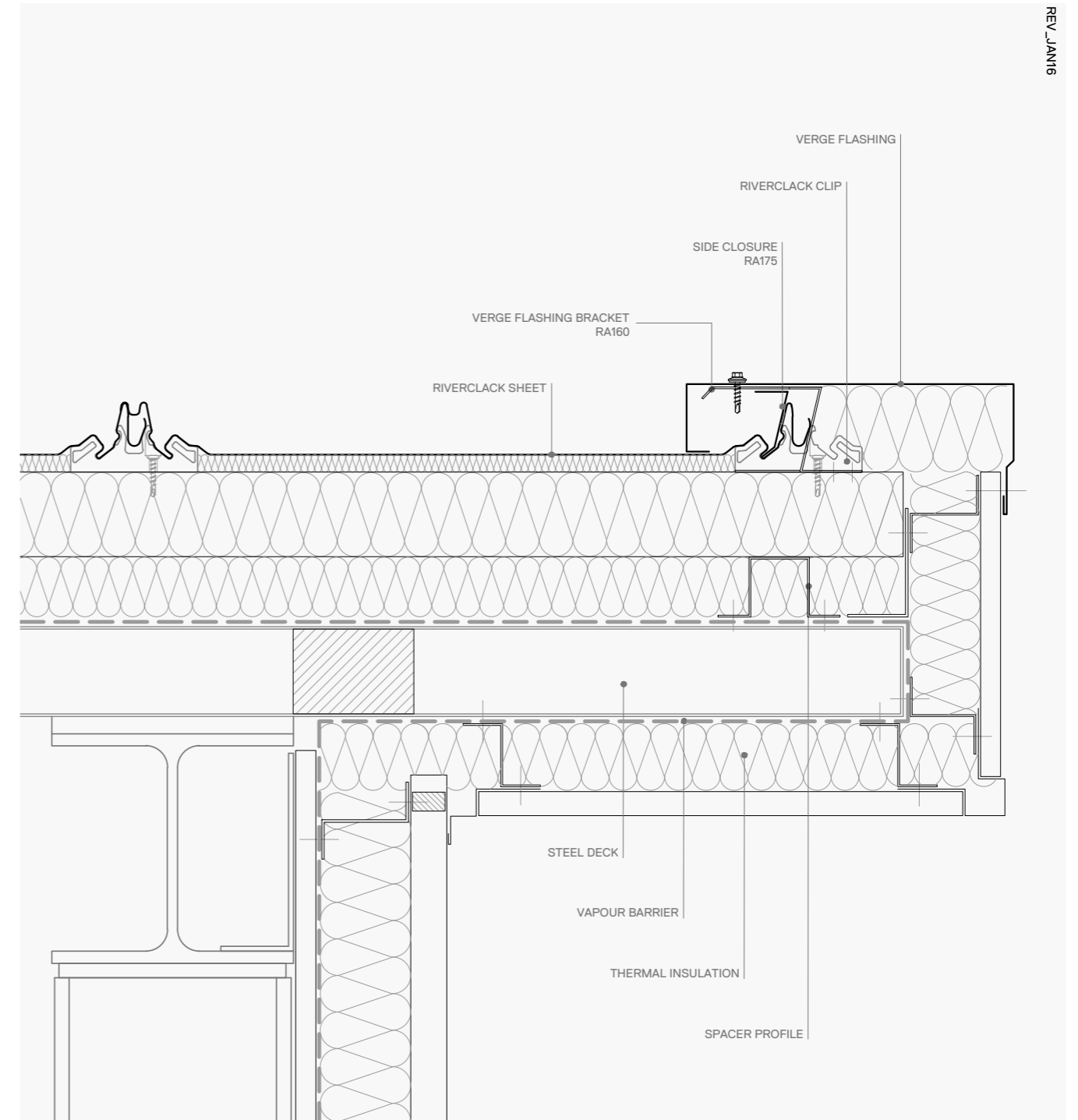
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OVERHANGING VERGE STEEL STRUCTURE

DETAIL 03.03.S

TECHNICAL SITUATION / SCALE 1:5



REV_JAM16

NOTES

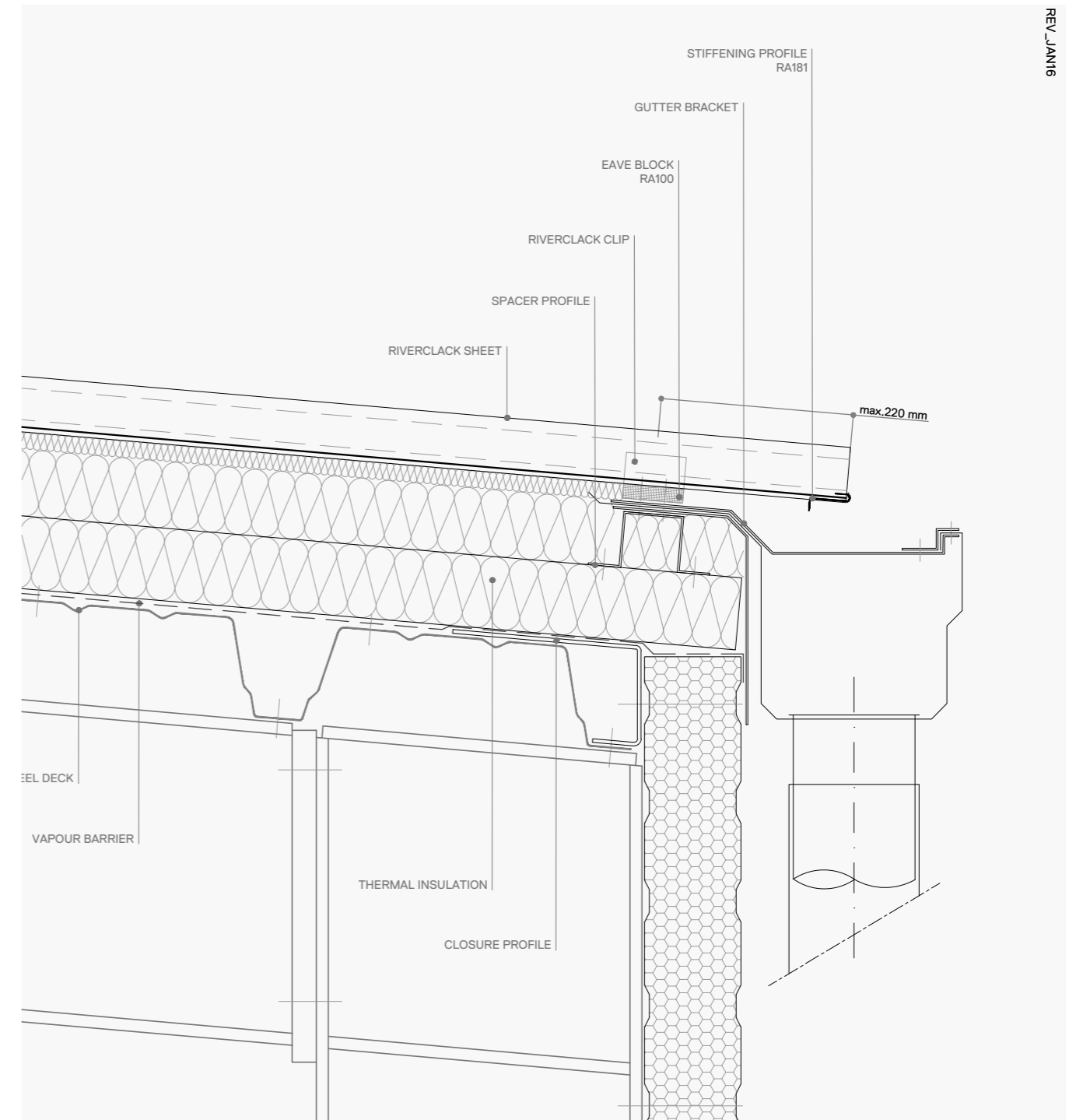
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EAVES GUTTER STEEL STRUCTURE

DETAIL 04.01.S

TECHNICAL SITUATION / SCALE 1:5



REV_JAM16

NOTES

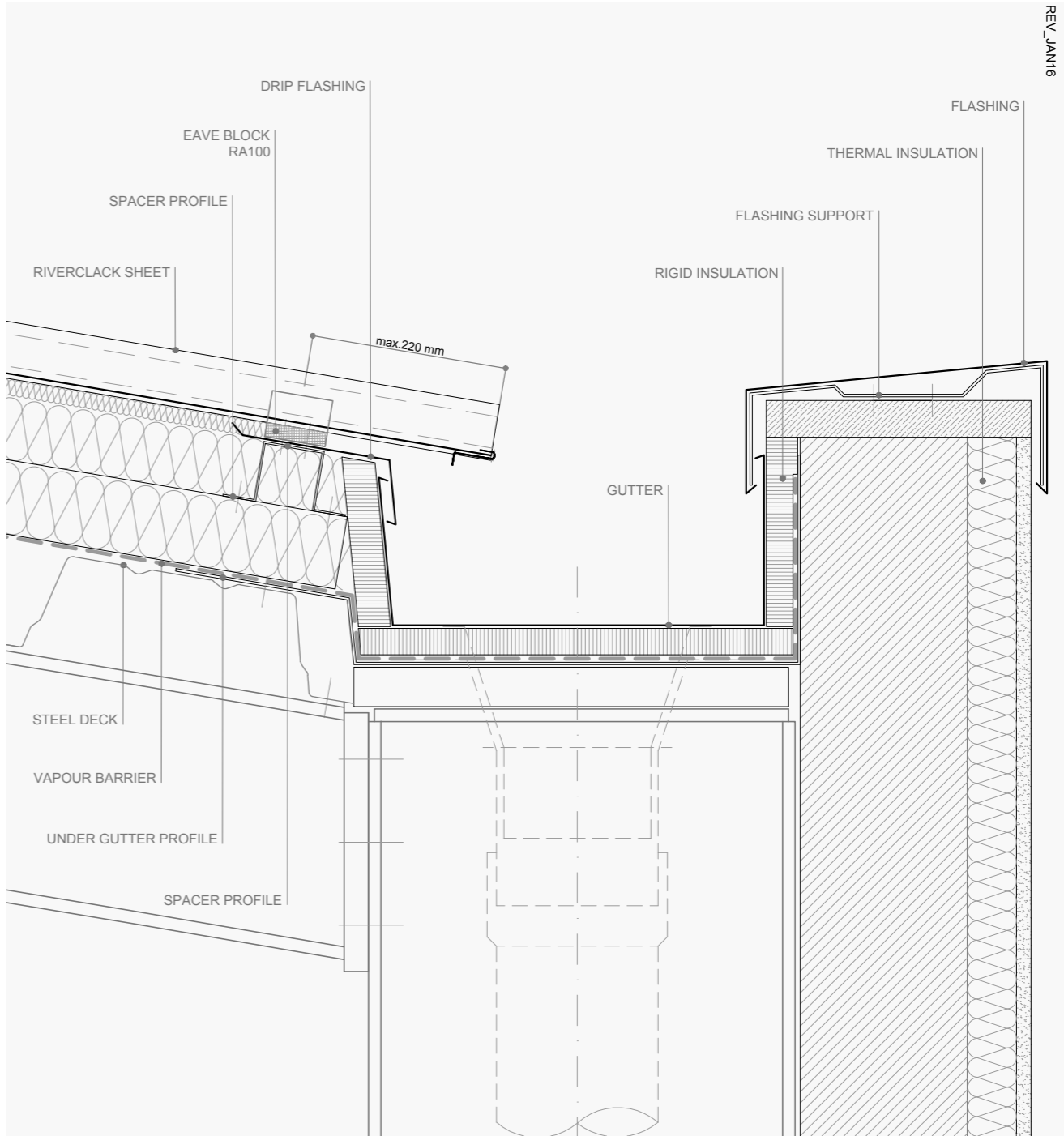
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PARAPET EAVES GUTTER STEEL STRUCTURE

DETAIL 04.02.S

TECHNICAL SITUATION / SCALE 1:5

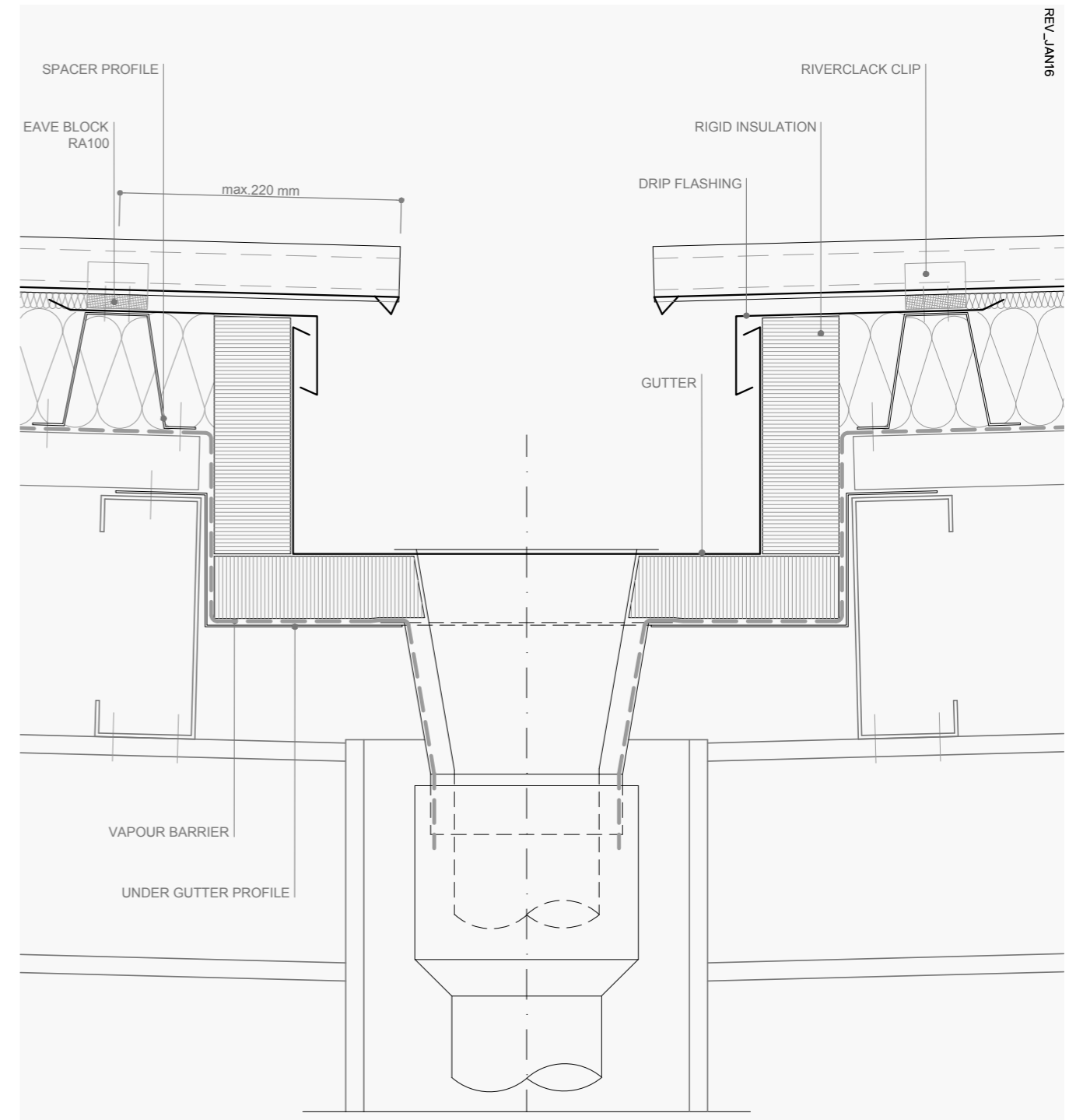


NOTES
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VALLEY GUTTER STEEL STRUCTURE

DETAIL 04.03.S

TECHNICAL SITUATION / SCALE 1:5



NOTES

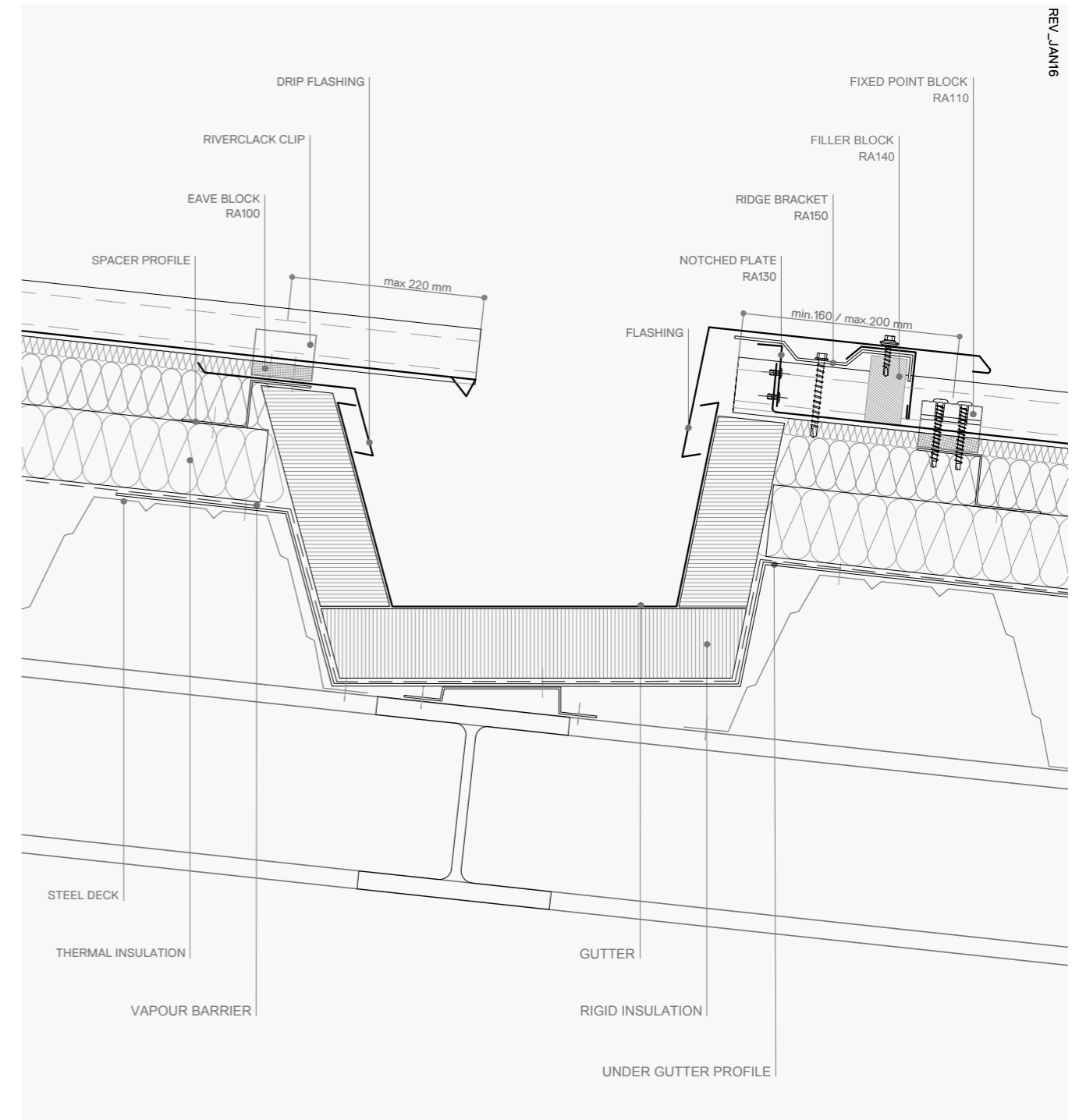
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INTERMEDIATE GUTTER STEEL STRUCTURE

DETAIL 04.04.S

TECHNICAL SITUATION / SCALE 1:5



REV_JAM16

NOTES
 - Mono ridge type considered on this sheet is one of the available options. Please consider proper type according to actual slope.

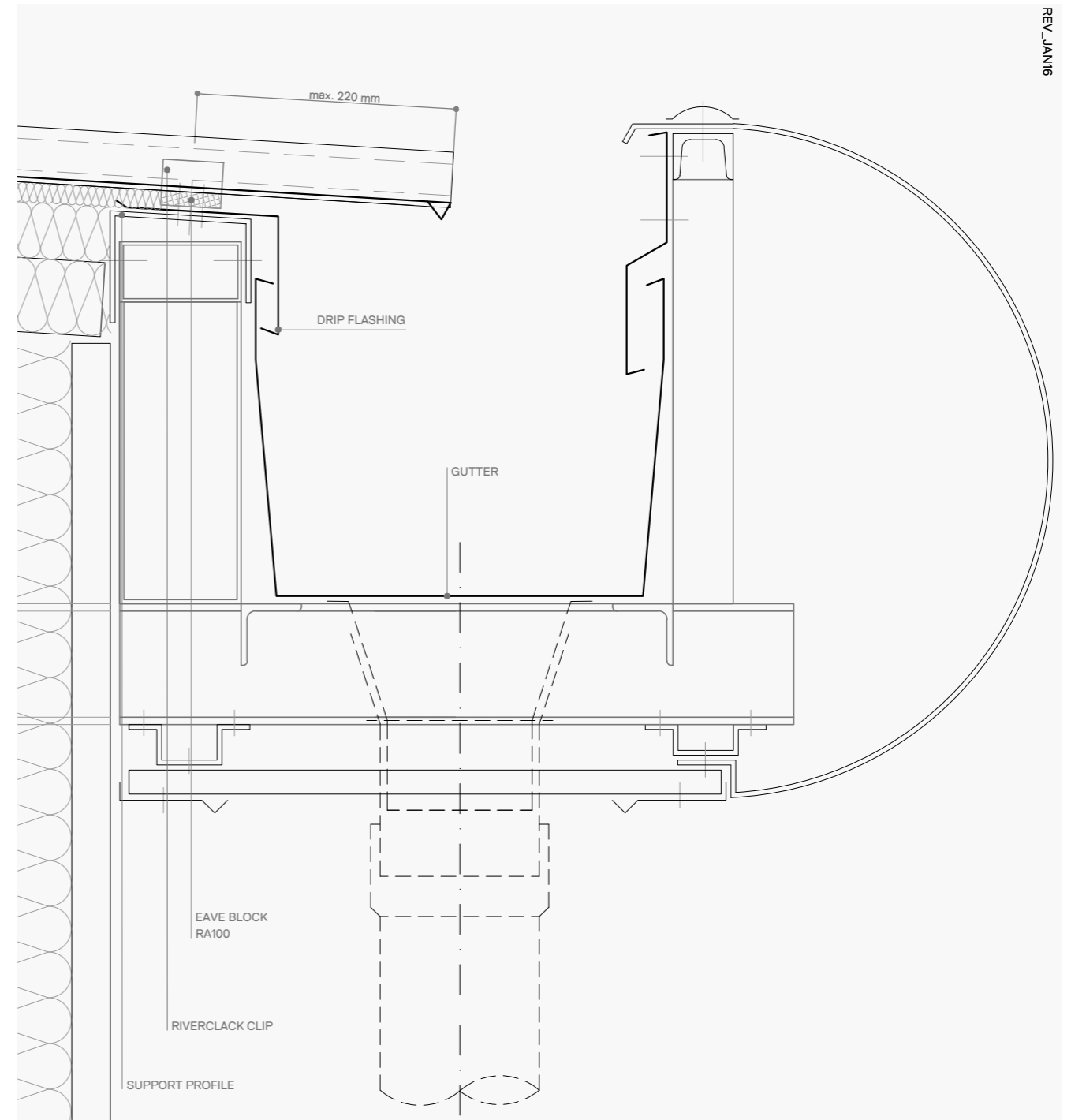
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BULLNOSE STEEL STRUCTURE

DETAIL 04.05.S

TECHNICAL SITUATION / SCALE 1:5



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NOTES

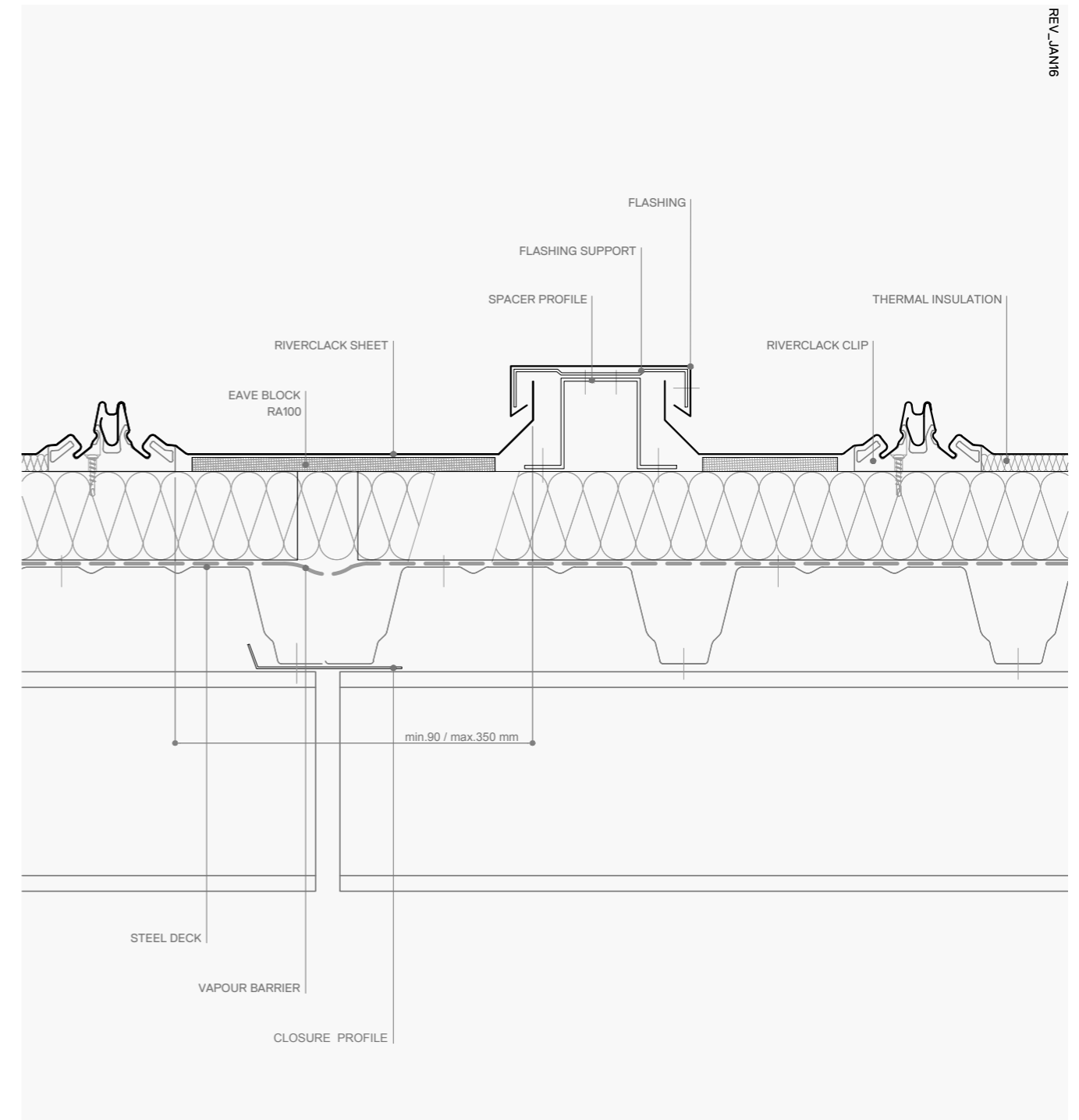
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EXPANSION JOINT STEEL STRUCTURE

DETAIL 05.01.S

TECHNICAL SITUATION / SCALE 1:5



NOTES

- Expansion joint has to be calculated according to actual thermal movement

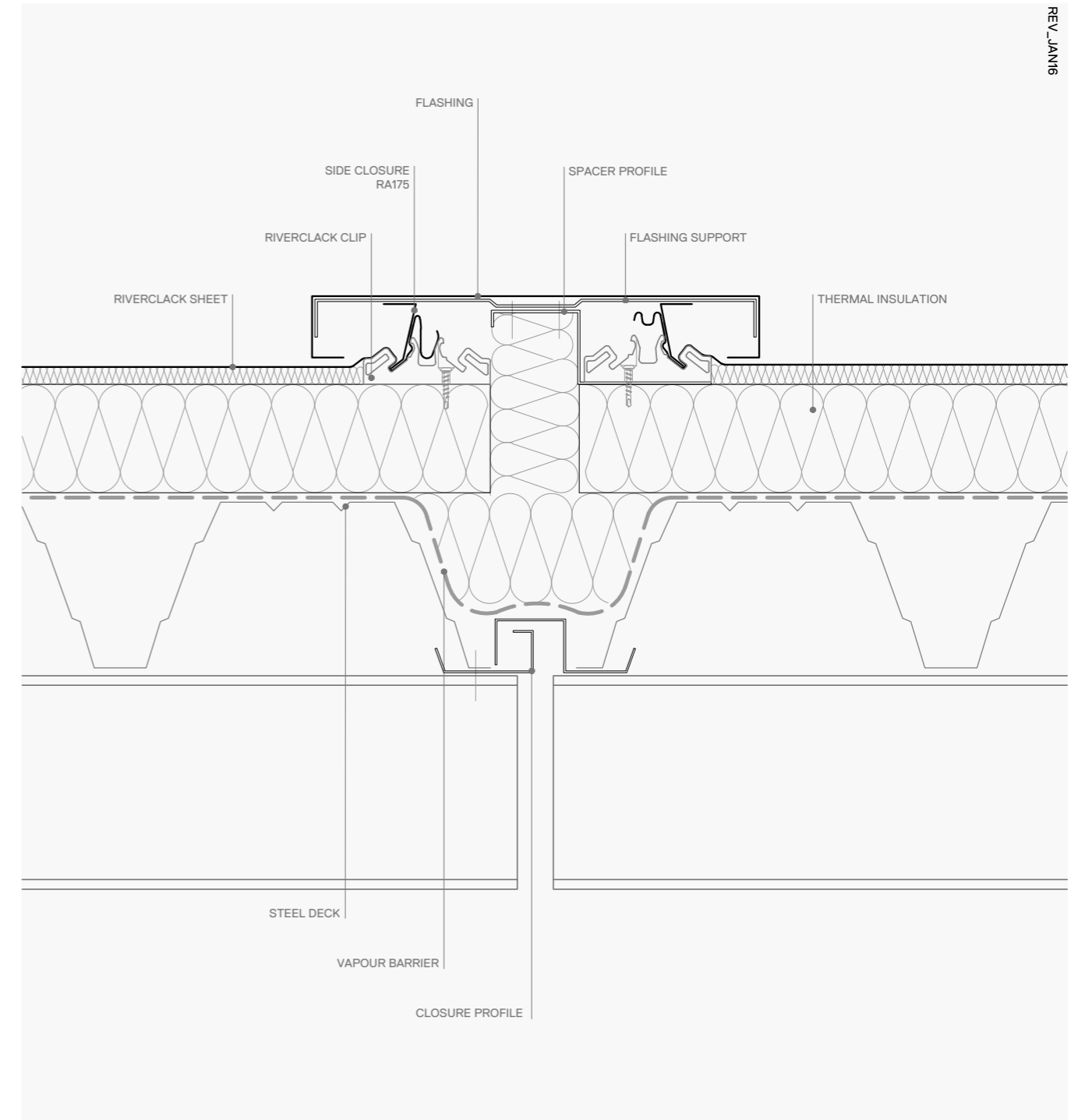
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EXPANSION JOINT STEEL STRUCTURE

DETAIL 05.02.S

TECHNICAL SITUATION / SCALE 1:5



NOTES
- Expansion joint has to be calculated according to actual thermal movement

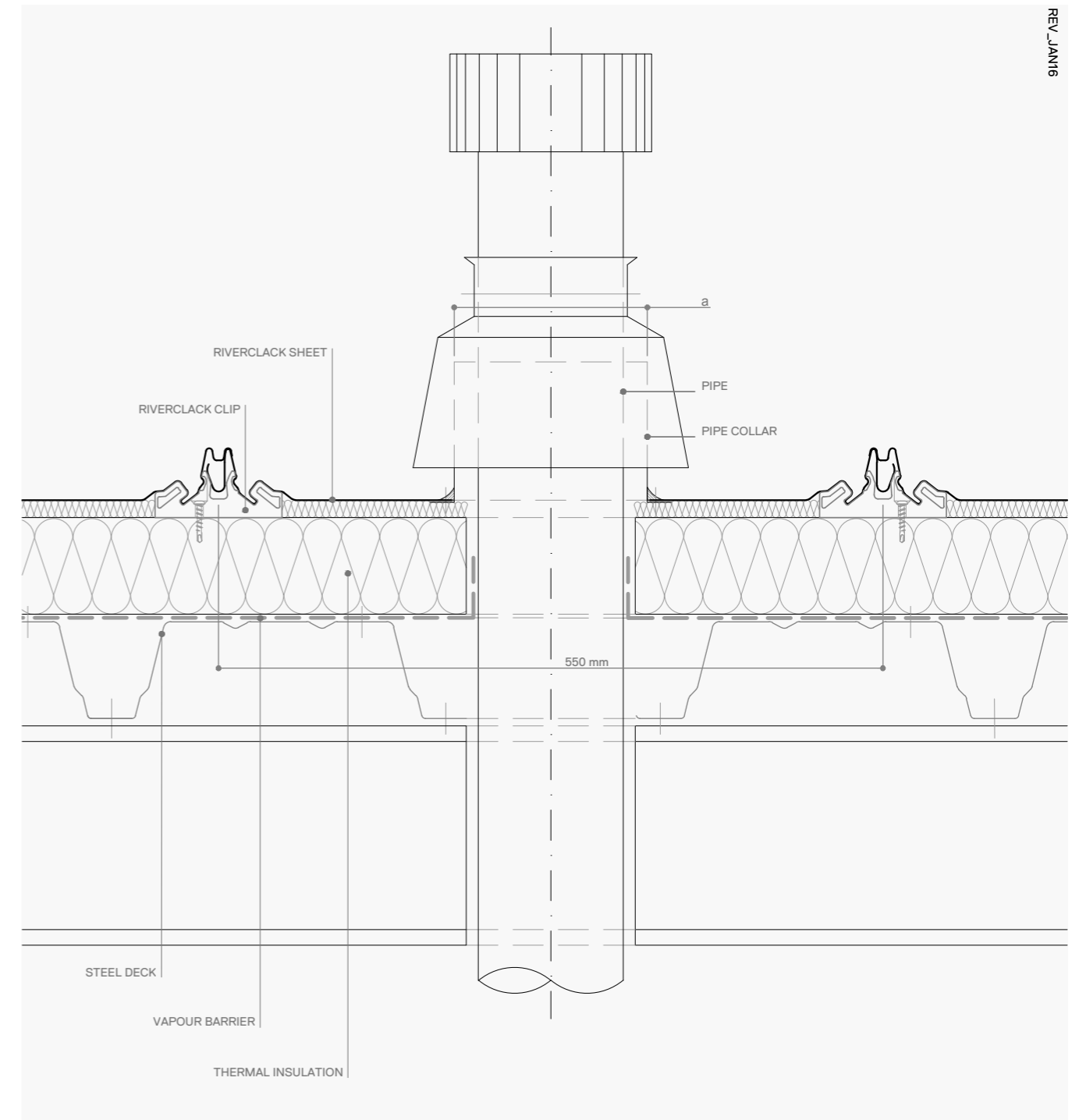
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PIPE PENETRATION STEEL STRUCTURE

DETAIL 06.01.S

TECHNICAL SITUATION / SCALE 1:5



NOTES

- Dimension "a" has to be calculated according to actual thermal movement

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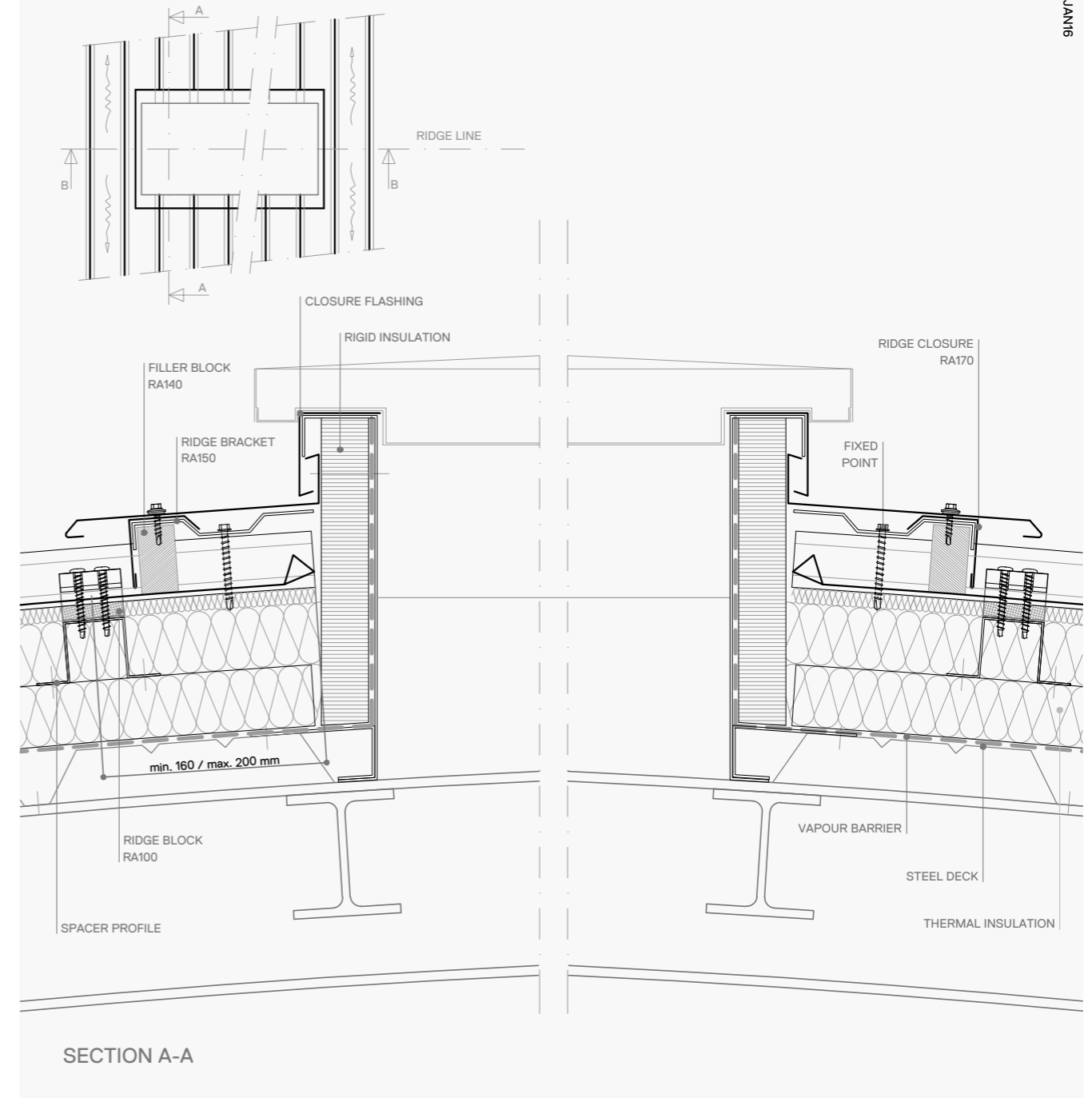
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RIDGE SKYLIGHT STEEL STRUCTURE

DETAIL 07.01.S_AA

TECHNICAL SITUATION / SCALE 1:5

REV. JAN16



- NOTES
- Slope > 6%
 - If slope < 6% please use relevant detail
 - Mono ridge type considered on this sheet is one of the available options. Please consider proper type according to actual slope.

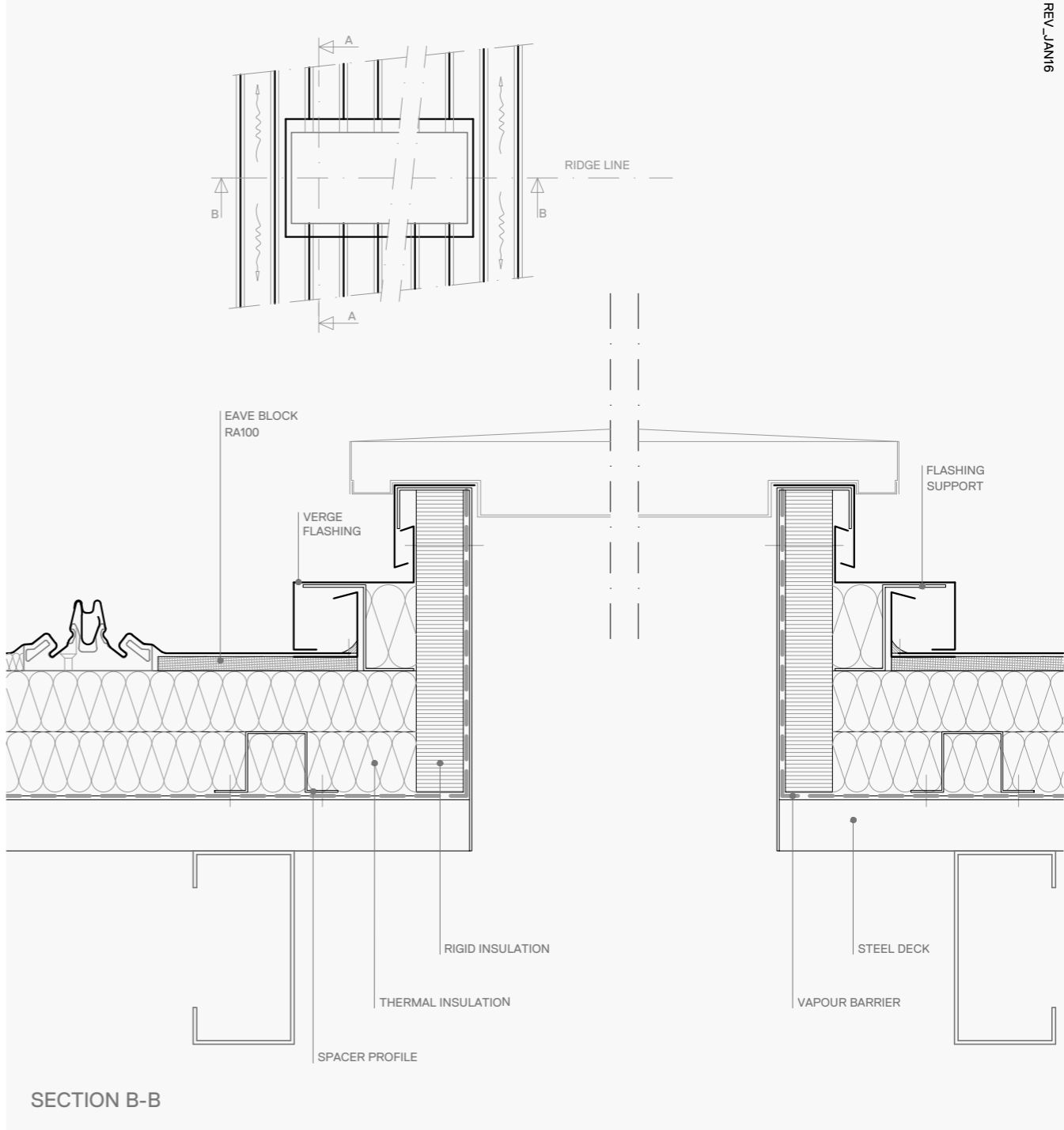
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RIDGE SKYLIGHT STEEL STRUCTURE

DETAIL 07.01.S_BB

TECHNICAL SITUATION / SCALE 1:5



NOTES
- Verge type is just one of the possible options. Please see in chapter 03 for alternatives.

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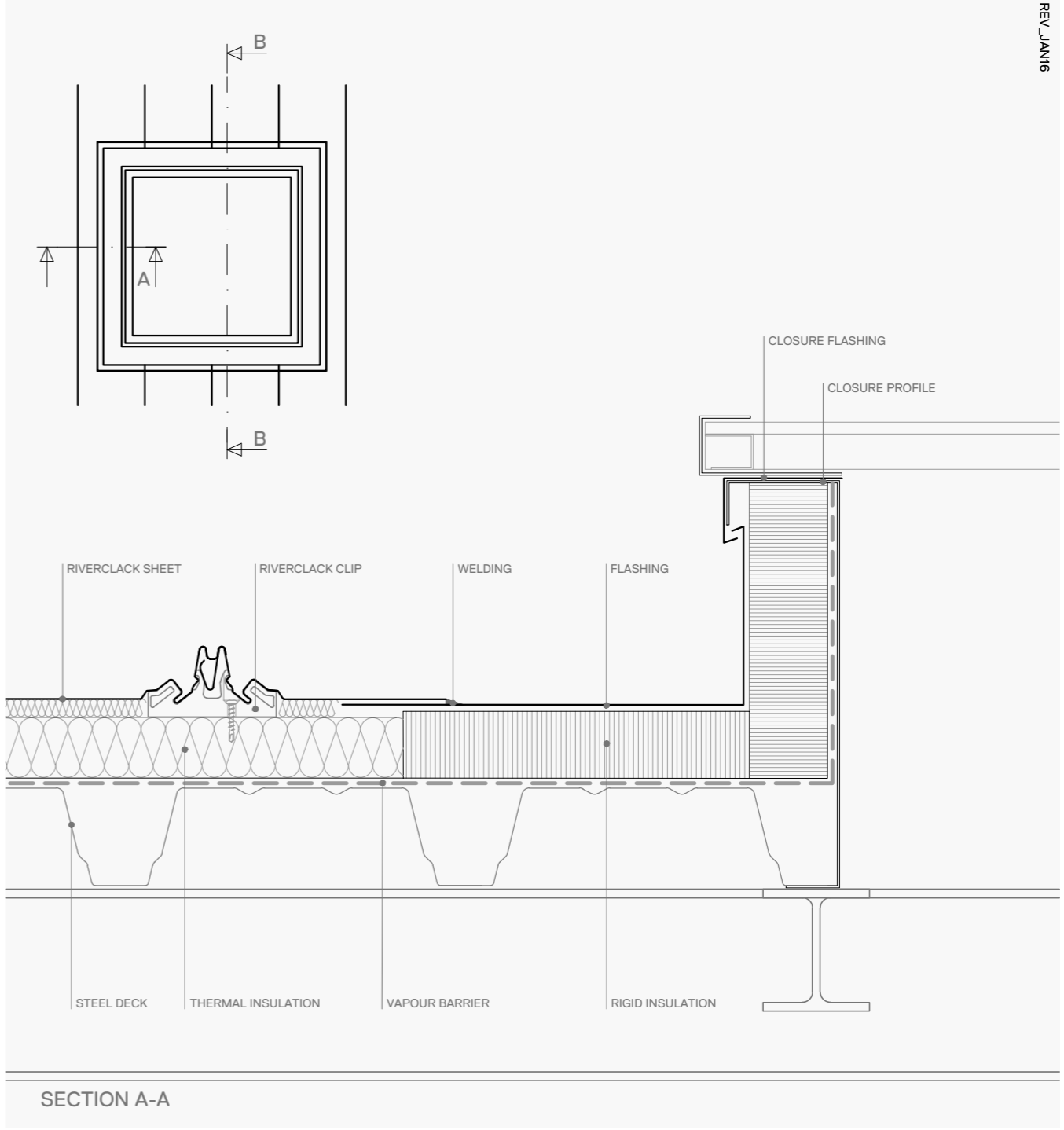
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WELDED ROOFLIGHT STEEL STRUCTURE

DETAIL 07.02.S_AA

TECHNICAL SITUATION / SCALE 1:5

REV_JAM16



SECTION A-A

NOTES

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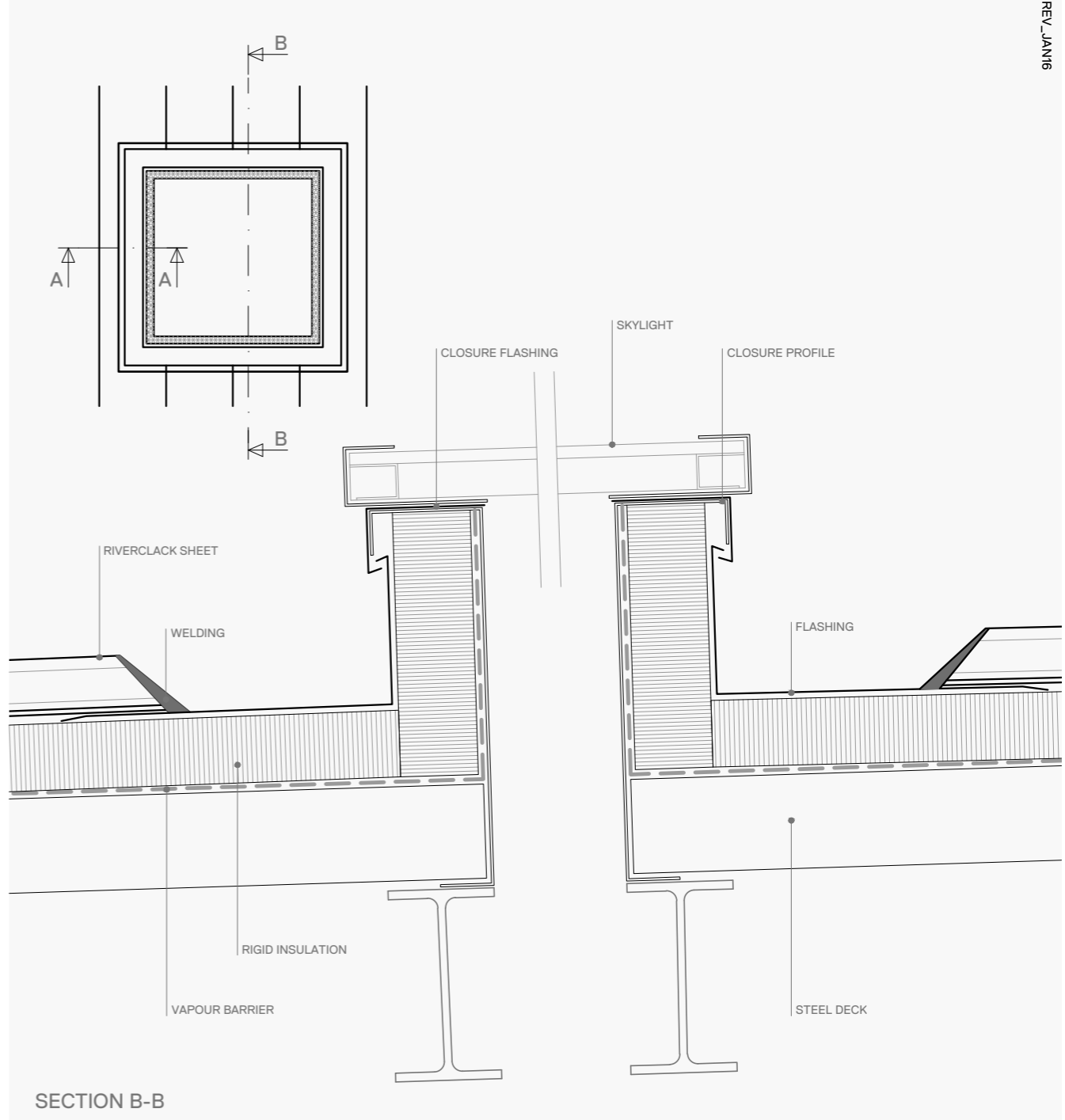
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WELDED ROOFLIGHT STEEL STRUCTURE

DETAIL 07.02.S_BB

TECHNICAL SITUATION / SCALE 1:5

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SECTION B-B

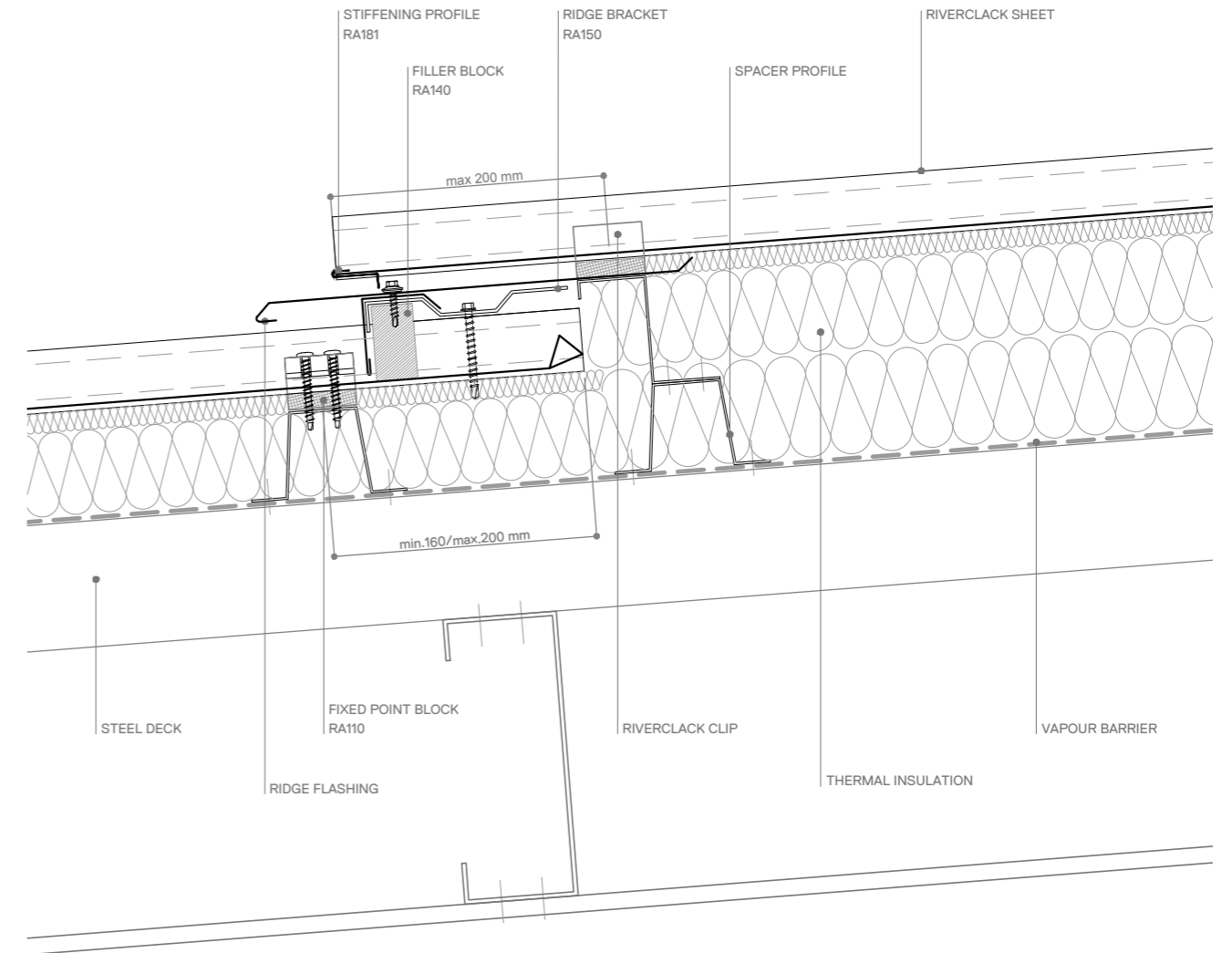
NOTES
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OVERLAP DETAIL STEEL STRUCTURE

DETAIL 08.01.S

TECHNICAL SITUATION / SCALE 1:5

REV. JANIS



NOTES

- Walkability is not allowed on overlapping areas
- Mono ridge considered on this sheet is one of the available options. Please consider proper type according actual slope.

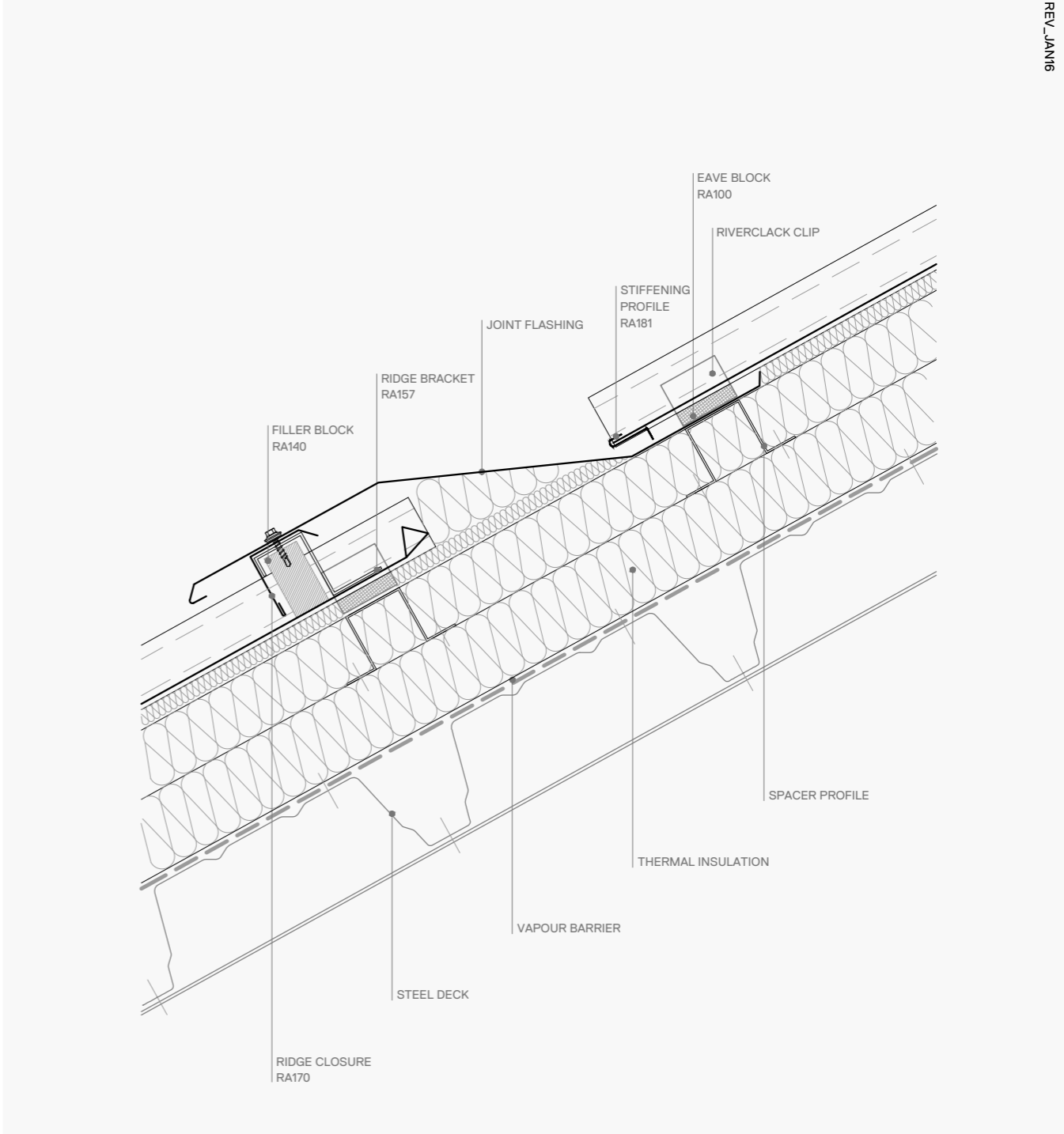
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OVERLAP DETAIL STEEL STRUCTURE

DETAIL 08.02.S

TECHNICAL SITUATION / SCALE 1:5



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NOTES

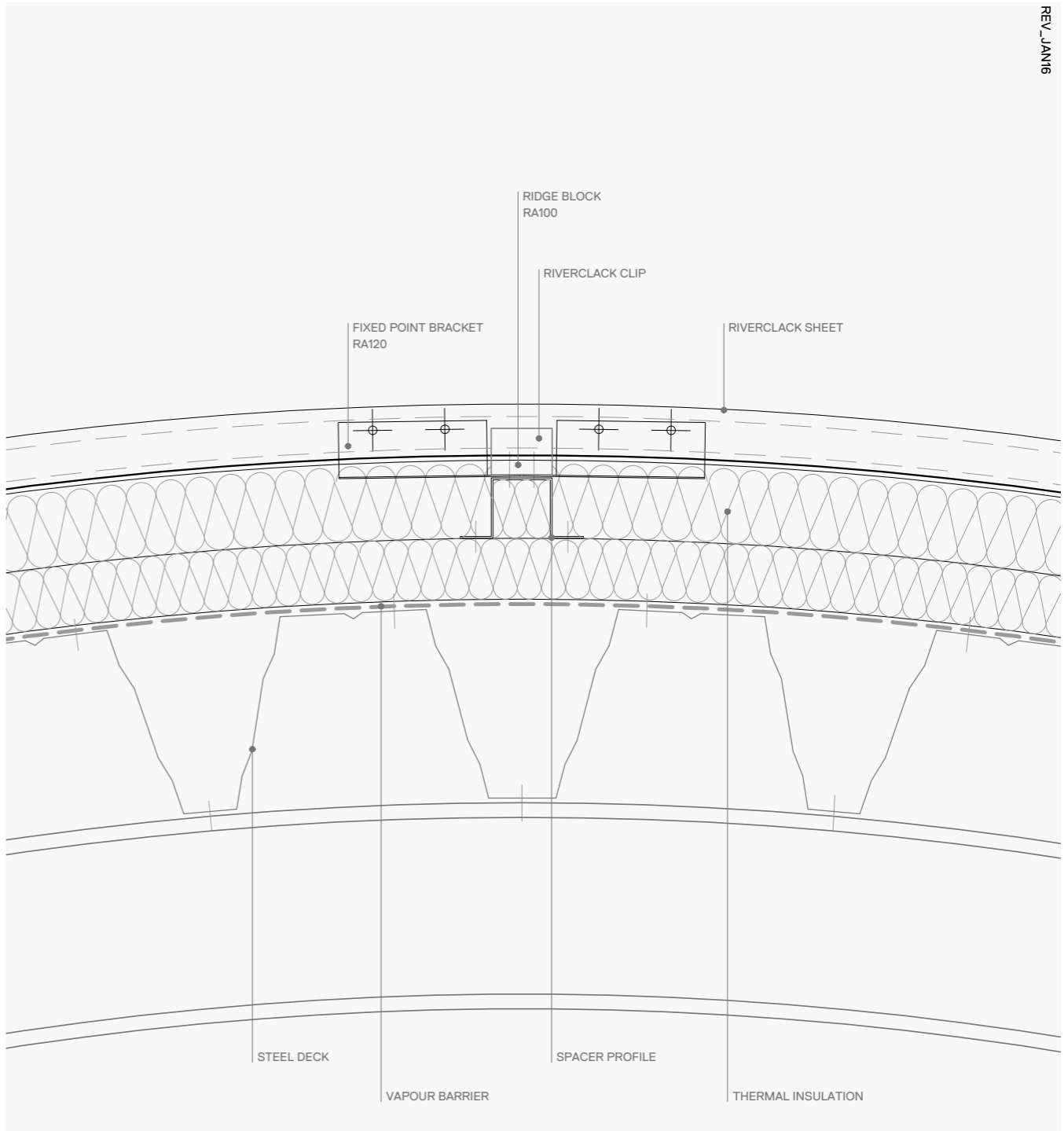
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CURVED ROOF RIDGE STEEL STRUCTURE

DETAIL 09.01.S

TECHNICAL SITUATION / SCALE 1:5



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NOTES
- Slope > 6%
- RA120 item to be used according to technical datasheet

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