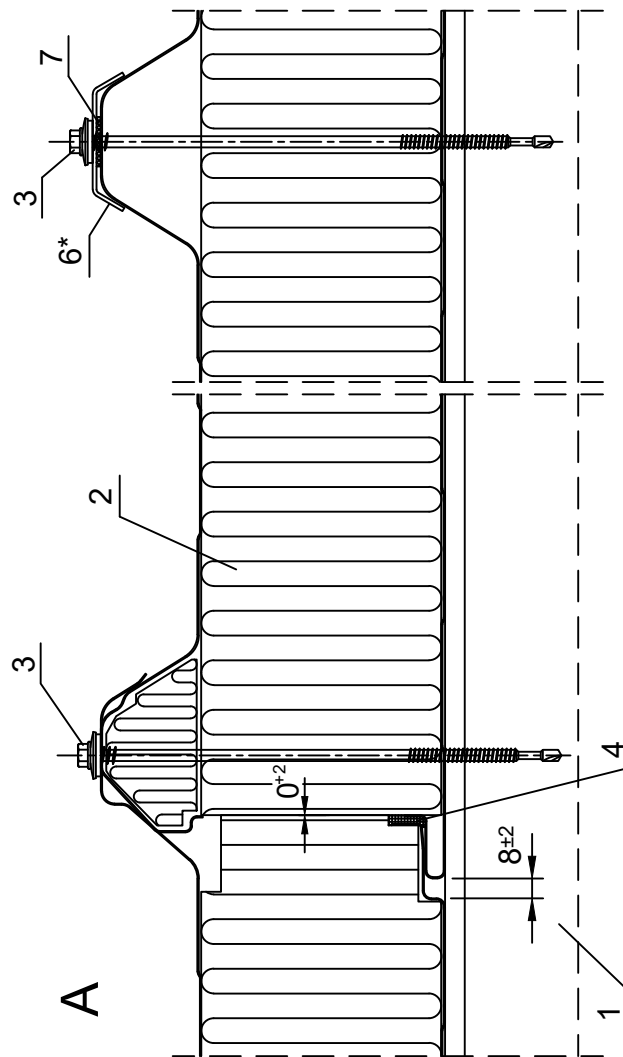
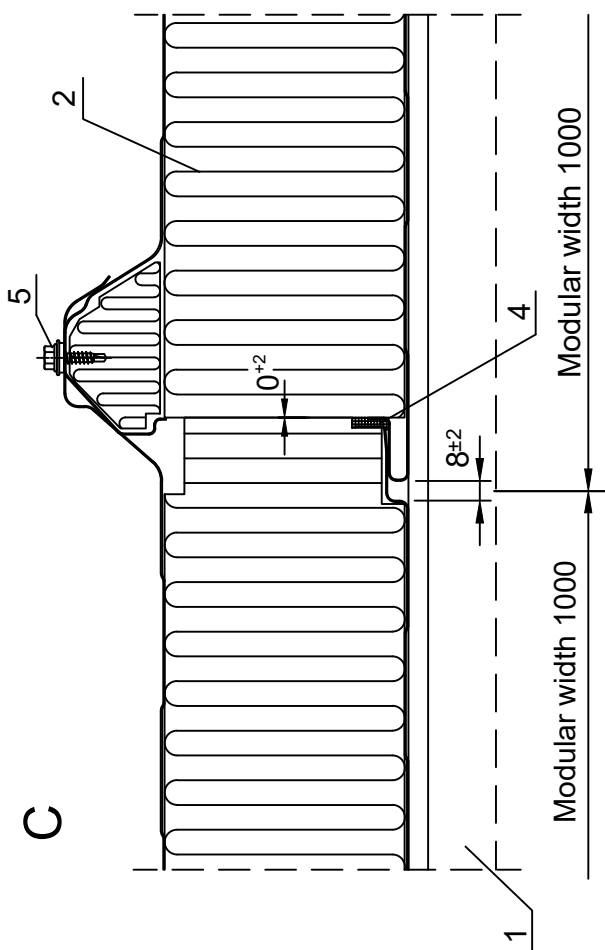
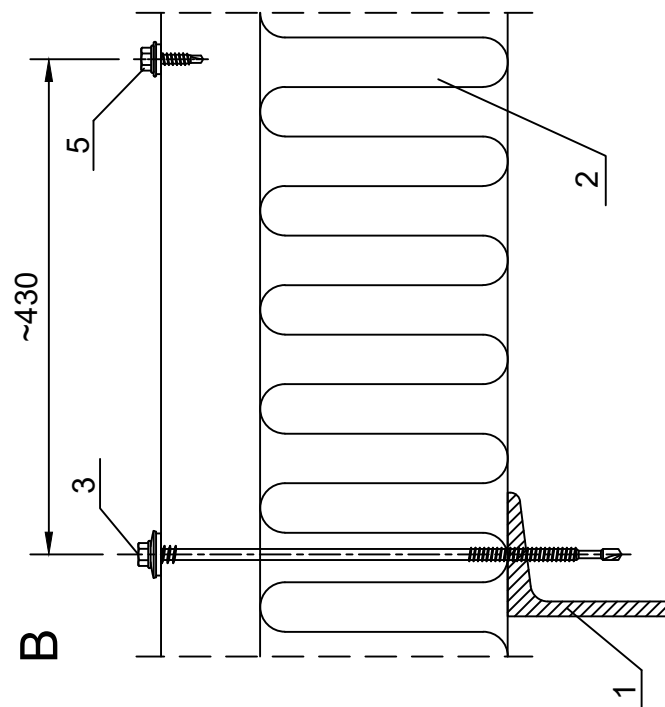


Date 30.11.2007	Rev. date 04.11.2024	Work nr. M07/S01	Drw. nr. -	Rev.
Drawn by Ruukki	Rev. a			
Scale 1:3	Building		File nr. P2001/001-00034	

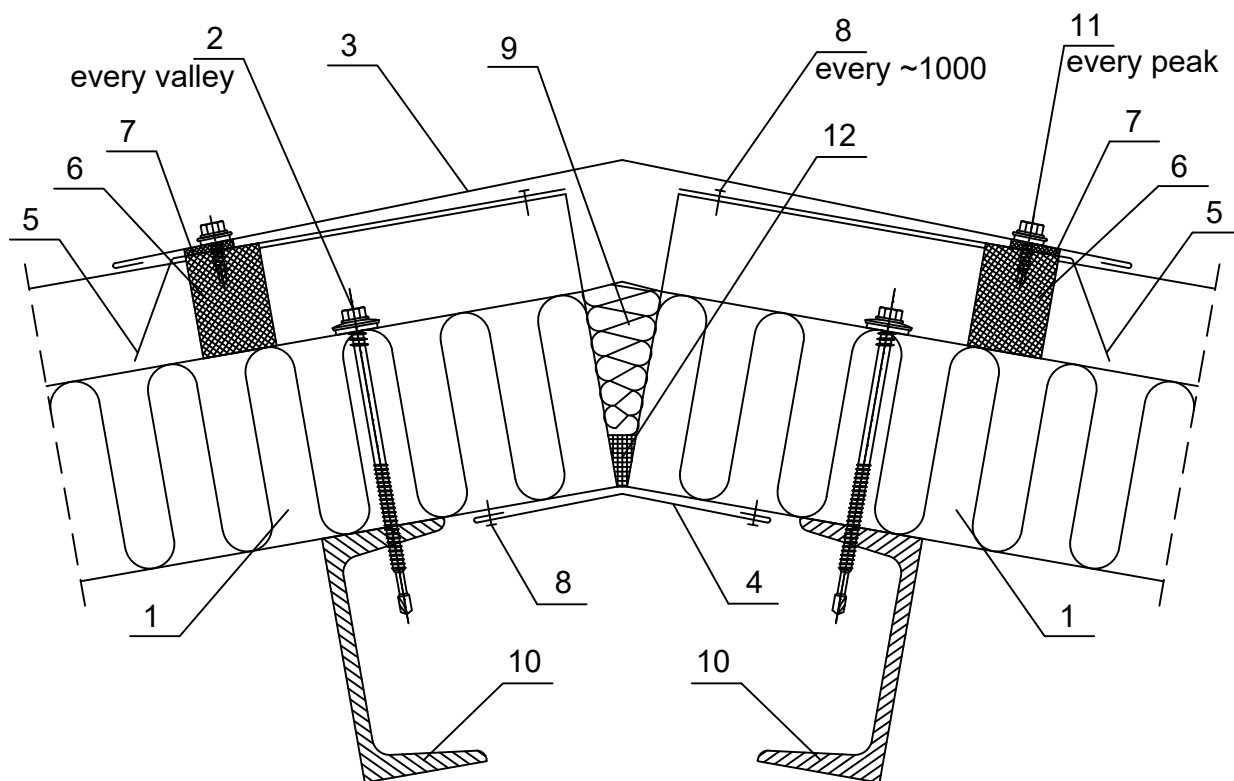


- A. Cross-section as seen parallel to purlin - fixing
B. Cross-section as seen perpendicular to purlin
C. Cross-section as seen parallel to purlin
- through panel joint

1. Steel purlin acc. to engineering design of the structure
2. Ruukki nSPC W
3. L01 fastener for hot-rolled purlin or L02 for cold-bent purlin
4. Butyl sealing compound in panel joint
5. L03 fastener (every ~430 mm)
6. L06 washer
7. 4x20 PU self-adhesive sealant

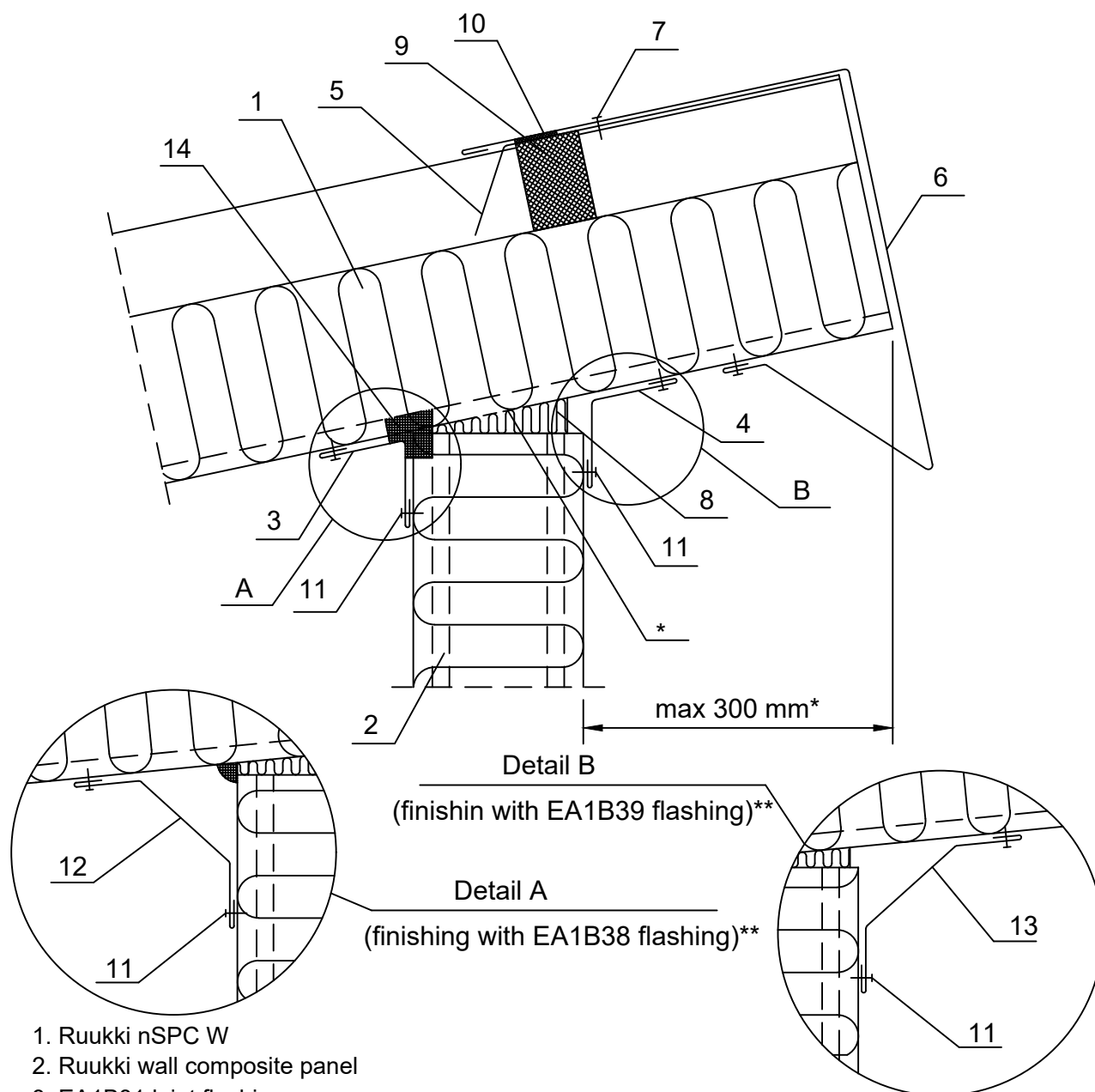
* depending on fastener load

Date 30.11.2007	Rev. date 04.11.2024	Work nr. M07/S02	Drw. nr. -	Rev.
Drawn by Ruukki	Rev. a			
Scale 1:3	Building		File nr. P2001/001-00034	



1. Ruukki nSPC W
2. L01 fastener for hot-rolled purlin or L02 for cold-bent purlin
3. EA1B09 top ridge flashing
4. EA1B10 bottom ridge flashing
5. EA1B13 side ridge flashing
6. U01 polyethylene sealant
7. 4x20 PU self-adhesive sealant
8. Steel rivet (every ~300 mm)
9. Mineral wool in bulk
10. Steel purlin acc. to engineering design of the structure
11. L03 fastener or watertight rivet
12. Permanently elastic sealing compound

Date 30.11.2007	Rev. date 04.11.2024	Work nr. M07/S03	Drw. nr. -	Rev.
Drawn by Ruukki	Rev. a			
Scale 1:3	Building		File nr. P2001/001-00034	

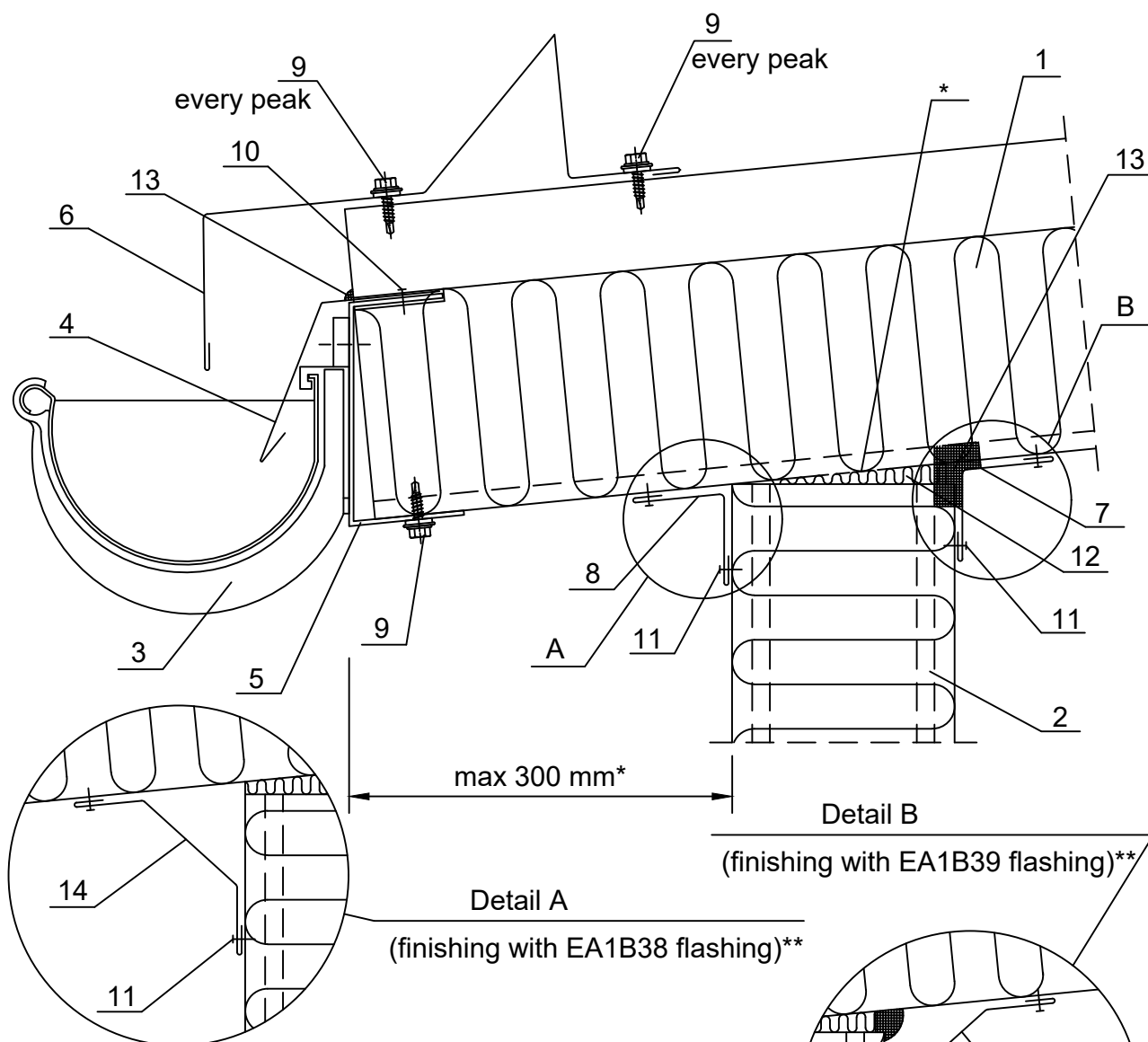


1. Ruukki nSPC W
2. Ruukki wall composite panel
3. EA1B31 joint flashing
4. EA1B30 joint flashing
5. EA1B13 side ridge flashing
6. EA1B12 peak closing flashing
7. Watertight rivet or L03 fastener (every ~300 mm)
8. Mineral wool in bulk
9. U01 polyethylene sealant
10. 4x20 PU self-adhesive sealant
11. Steel rivet (every ~300 mm)
12. EA1B38 joint flashing (alternative option for finishing with EA1B31 joint flashing)
13. EA1B39 joint flashing (alternative option for finishing with EA1B30 joint flashing)
14. Permanently elastic sealing compound

* for structures with high requirements regarding thermal insulation facing gap is ~30 mm;
in this case the maximum support length is 300 mm

** for roof with inclination exceeding 20%

Date 30.11.2007	Rev. date 04.11.2024	Work nr. M07/S04	Drw. nr. -	Rev.
Drawn by Ruukki	Rev. a			
Scale 1:3	Building		File nr. P2001/001-00034	



1. Ruukki nSPC W
2. Ruukki wall composite panel
3. PCV gutter + gutter hook + joint elements
4. EA1B11 drip flashing
5. EA1B20 assembly flashing
6. EA1B25 drip roof flashing
7. EA1B30 joint flashing
8. EA1B31 joint flashing
9. L03 fastener
10. Watertight rivet (every ~300 mm)
11. Steel rivet (every ~300 mm)
12. Mineral wool in bulk
13. Permanently elastic sealing compound
14. EA1B38 joint flashing (alternative option for finishing with EA1B31 joint flashing)
15. EA1B39 joint flashing (alternative option for finishing with EA1B30 joint flashing)

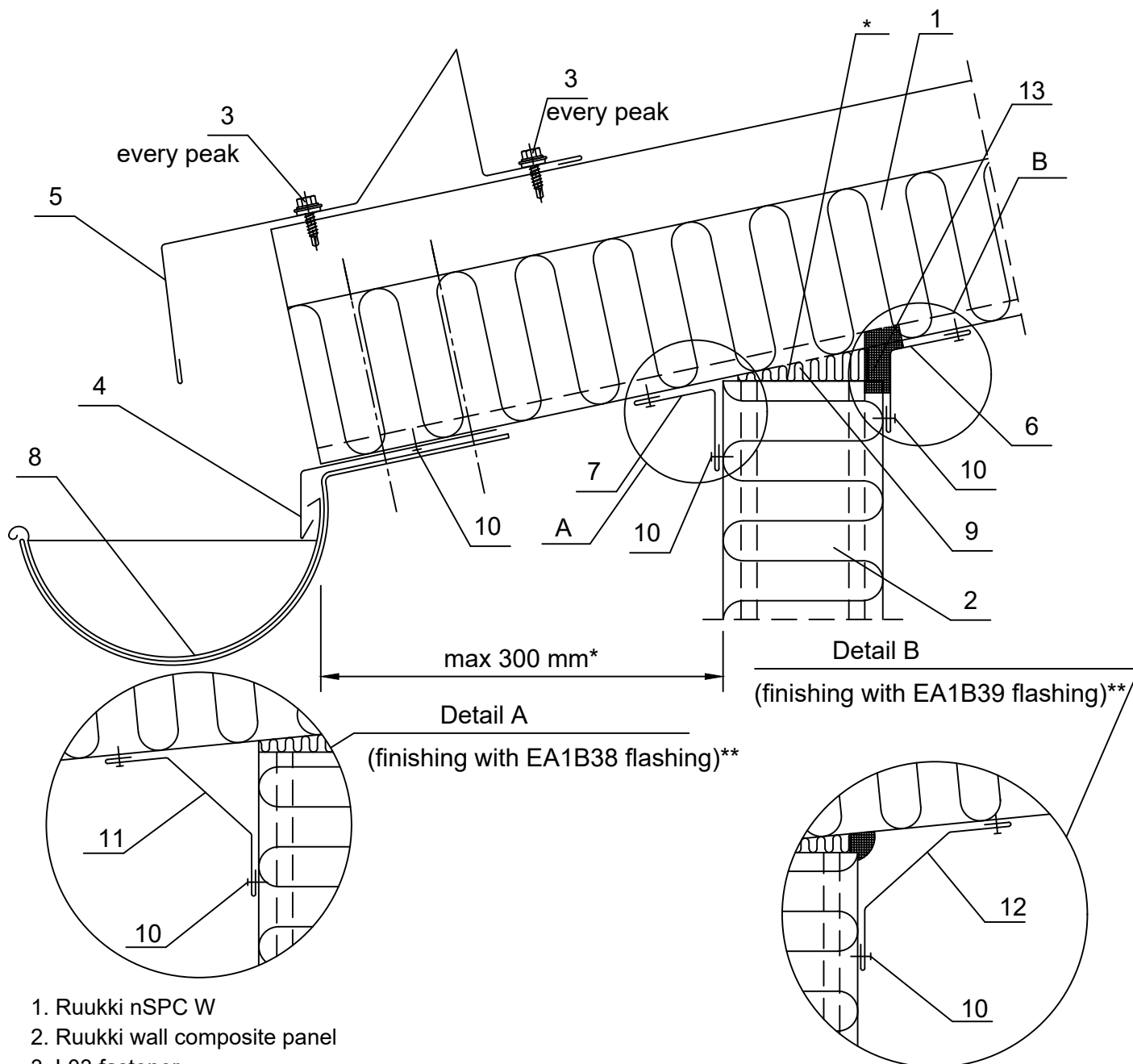
Note:

prior to fixing EA1B20 and EA1B11 flashing
polyurethane under the external panel
facing should be notched

* for structures with high requirements regarding
thermal insulation facing gap is ~30 mm;
in this case the maximum support length is 300 mm

** for roof with inclination exceeding 20%

Date 30.11.2007	Rev. date 04.11.2024	Work nr. M07/S05	Drw. nr. -	Rev.
Drawn by Ruukki	Rev. a			
Scale 1:3	Building		File nr. P2001/001-00034	

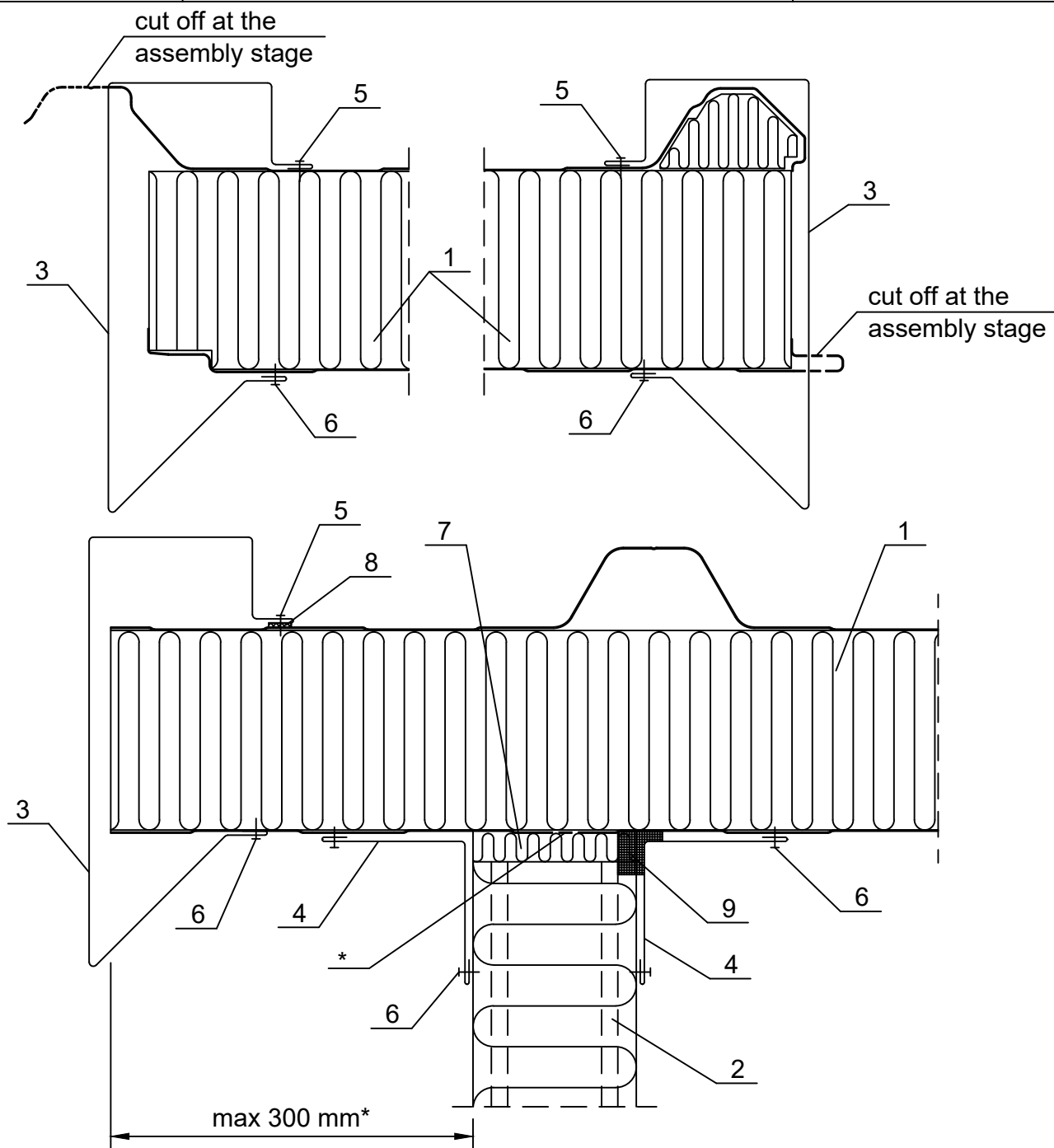


1. Ruukki nSPC W
2. Ruukki wall composite panel
3. L03 fastener
4. EA1B24 drip roof flashing
5. EA1B25 drip roof flashing
6. EA1B30 joint flashing
7. EA1B31 joint flashing
8. Steel gutter + gutter hook + joint elements
9. Mineral wool in bulk
10. Steel rivet (every ~300 mm)
11. EA1B38 joint flashing (alternative option for finishing with EA1B31 joint flashing)
12. EA1B39 joint flashing (alternative option for finishing with EA1B30 joint flashing)
13. Permanently elastic sealing compound

* for structures with high requirements regarding
thermal insulation facing gap is ~30 mm;
in this case the maximum support length is 300 mm

** for roof with inclination exceeding 20%

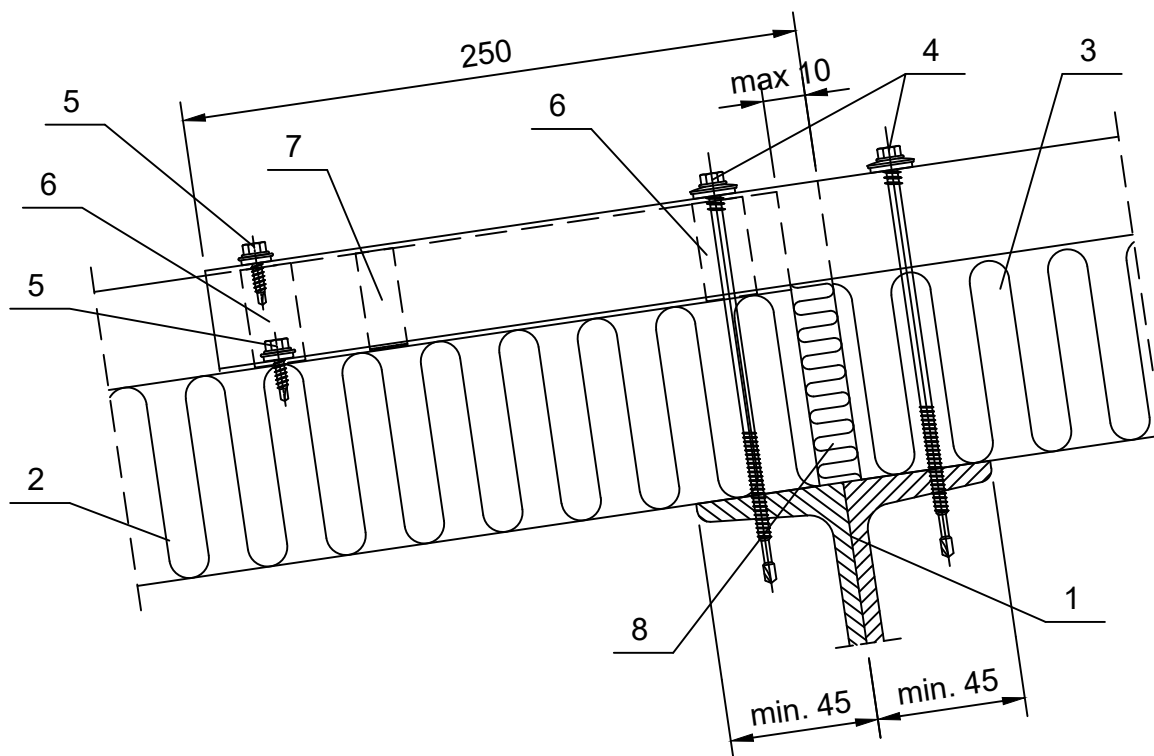
Date 30.11.2007	Rev. date 04.11.2024	Work nr. M07/S06	Drw. nr. -	Rev.
Drawn by Ruukki	Rev. a			
Scale 1:3	Building		File nr. P2001/001-00034	



1. Ruukki nSPC W
2. Ruukki wall composite panel
3. EA1B14 peak closing flashing
4. EA1B05 corner flashing
5. Watertight rivet (every ~300 mm)
6. Steel rivet (every ~300 mm)
7. Mineral wool in bulk
8. Butyl tape
9. Permanently elastic sealing compound

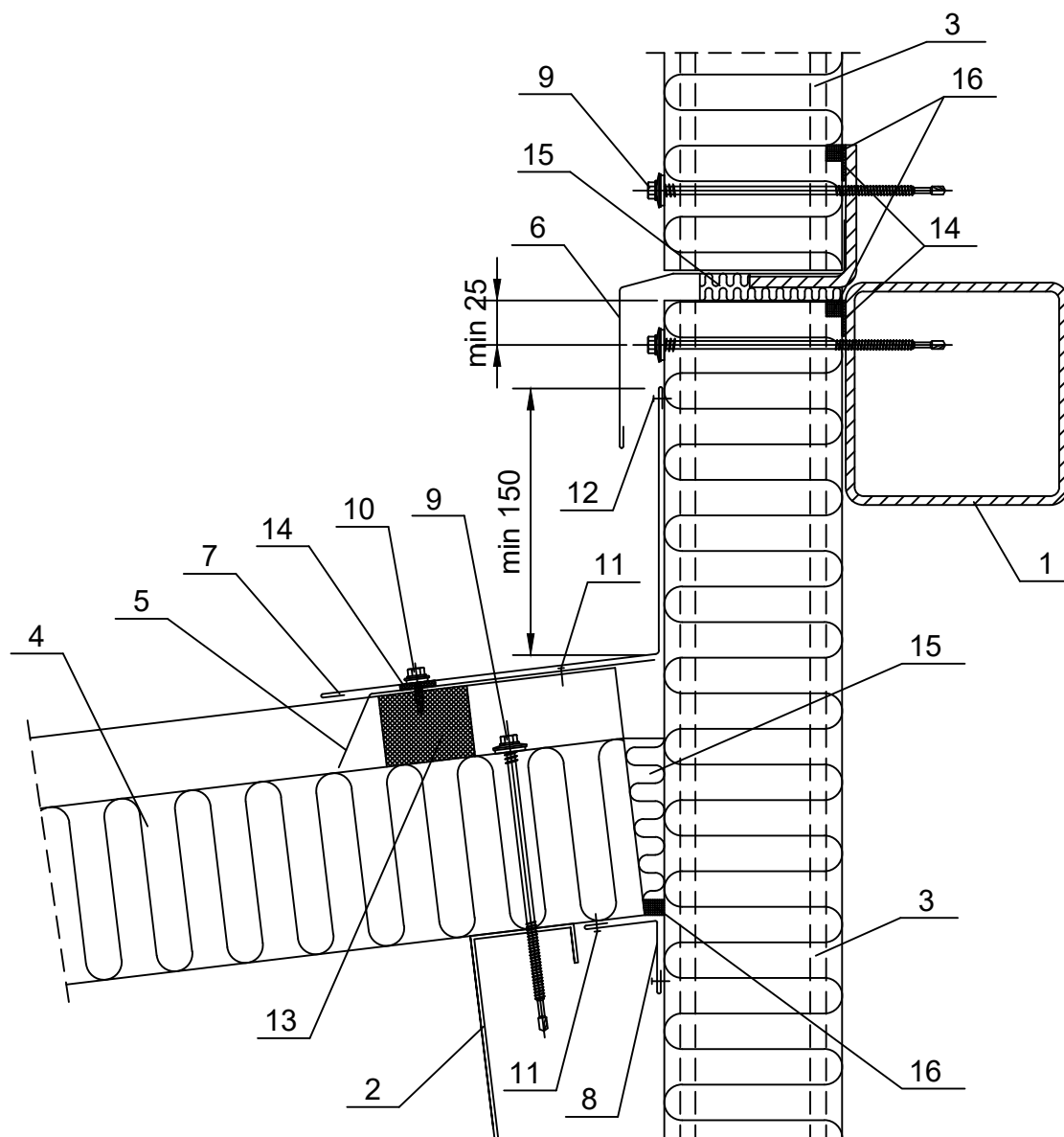
* for structures with high requirements regarding thermal insulation facing gap is ~30 mm;
in this case the maximum support length is 300 mm

Date 30.11.2007	Rev. date 04.11.2024	Work nr. M07/S07	Drw. nr. -	Rev.
Drawn by Ruukki	Rev. a			
Scale 1:3	Building		File nr. P2001/001-00034	



1. Steel purlin acc. to engineering design of the structure (recommended support width > 100 mm)
2. Ruukki nSPC W
3. Ruukki nSPC W
with undercut internal facing and core
4. L01 fastener for hot-rolled purlin or L02 for cold-bent purlin - 3 pcs. per panel
5. L03 fastener
6. 4x20 PU self-adhesive sealant
7. Butyl tape
8. Mineral wool in bulk

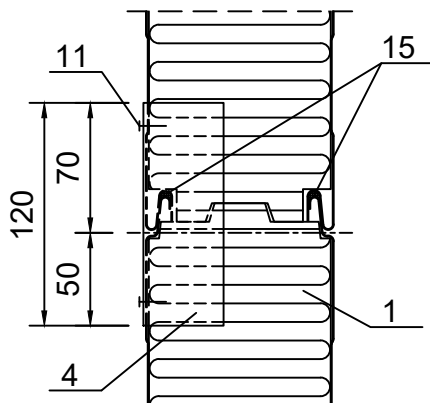
Date 30.11.2007	Rev. date 04.11.2024	Work nr. M07/S08	Drw. nr. -	Rev.
Drawn by Ruukki	Rev. a			
Scale 1:4	Building		File nr. P2001/001-00034	



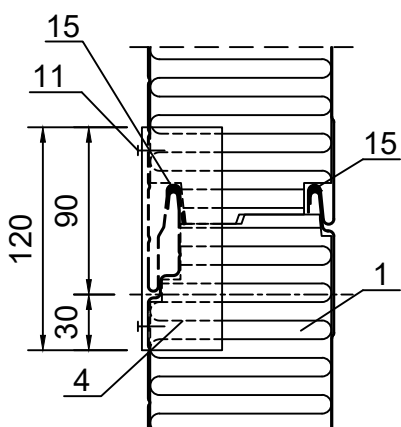
1. Steel sheeting rail acc. to engineering design of the structure
2. Steel purlin acc. to engineering design of the structure
3. Ruukki wall composite panel
4. Ruukki nSPC W
5. EA1B13 side ridge flashing
6. Custom ordered flashing
7. Custom ordered flashing
8. EA1B31 joint flashing
9. L01 fastener for hot-rolled purlin or L02 for cold-bent purlin
10. L03 fastener
11. Steel rivet (every ~300 mm)
12. Watertight rivet (every ~300 mm)
13. U01 polyethylene sealant
14. 4x20 PU self-adhesive sealant
15. Mineral wool in bulk
16. Permanently elastic sealing compound

Date 30.11.2007	Rev. date 04.11.2024	Work nr. M07/S09	Drw. nr. -	Rev.
Drawn by Ruukki	Rev. a			
Scale 1:4	Building		File nr. P2001/001-00034	

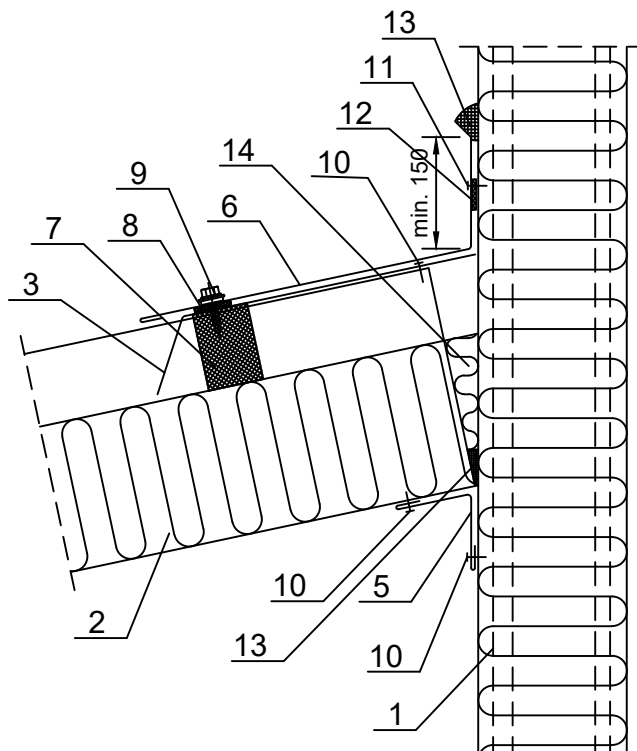
A - A (for SPB W)



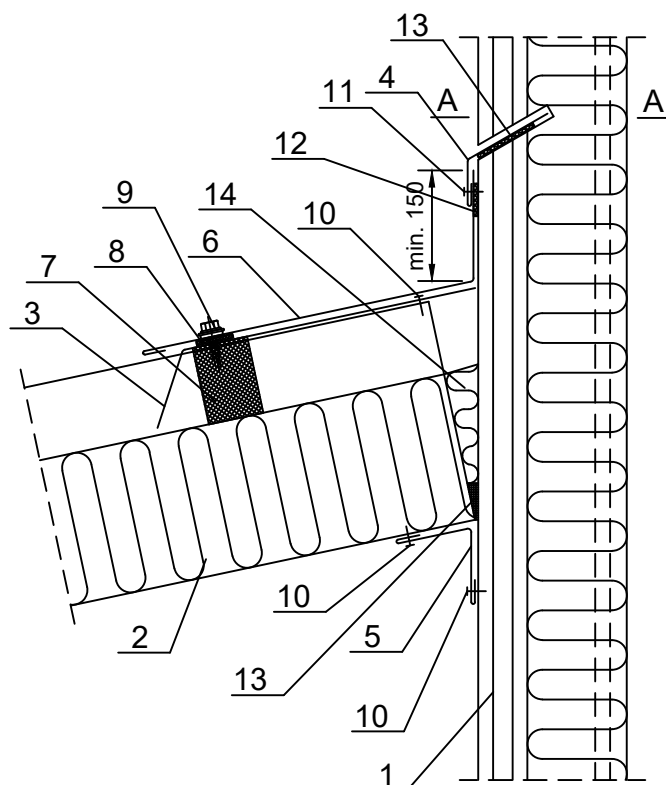
A - A (for SP2D W)



Cross-section outside panel joint

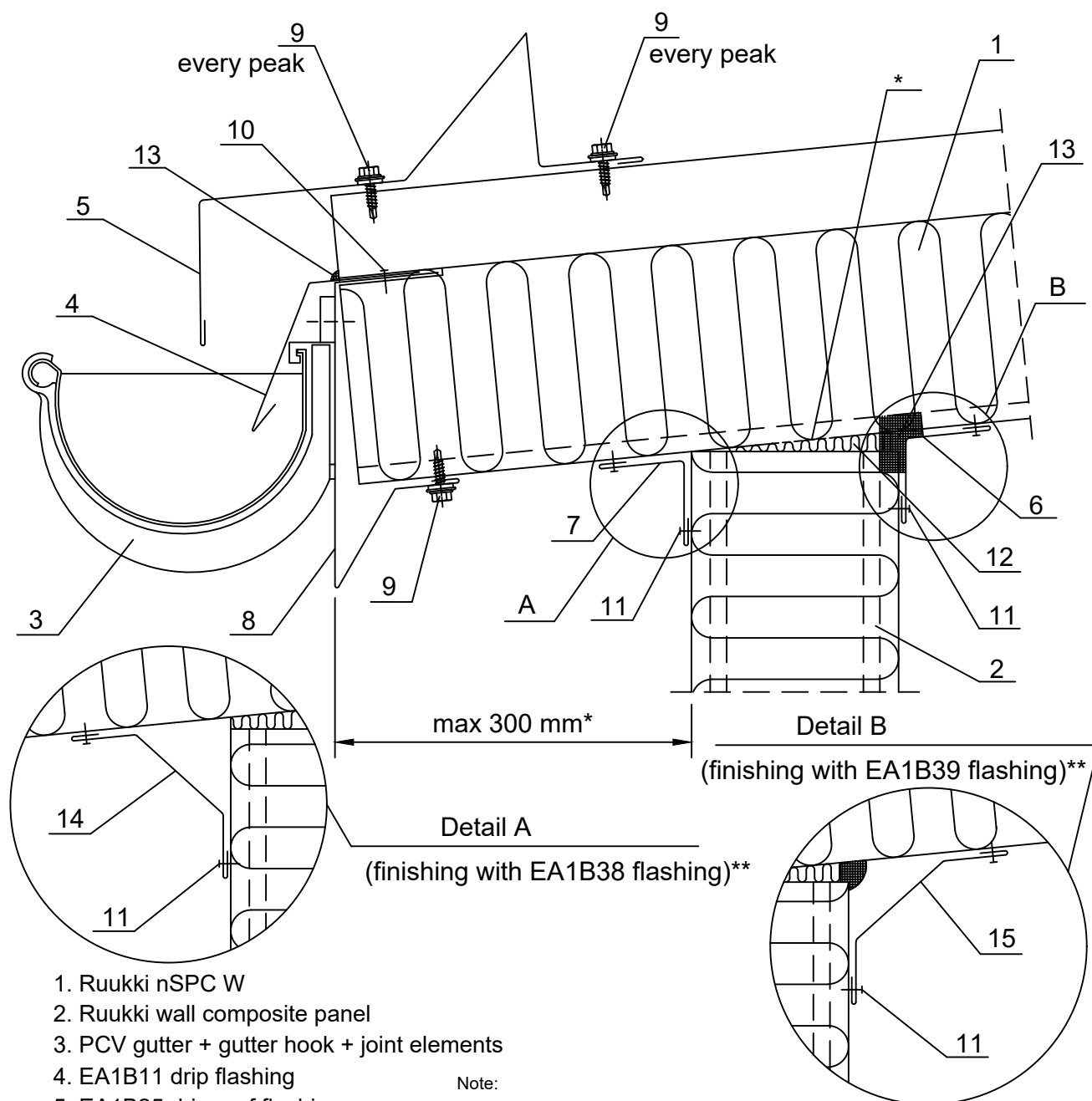


Cross-section through panel joint



1. Ruukki wall composite panel
2. Ruukki nSPC W
3. EA1B13 side ridge flashing
4. EA1B32 drip wall flashing
5. EA1B31 joint flashing
6. Custom ordered flashing
7. U01 polyethylene sealant
8. 4x20 PU self-adhesive sealant
9. L03 fastener
10. Steel rivet (every ~300 mm)
11. Watertight rivet (every ~300 mm)
12. Butyl tape
13. Permanently elastic sealing compound
14. Mineral wool in bulk
15. Butyl sealing compound

Date 30.11.2007	Rev. date 04.11.2024	Work nr. M07/S10	Drw. nr. -	Rev.
Drawn by Ruukki	Rev. a			
Scale 1:3	Building		File nr. P2001/001-00034	



1. Ruukki nSPC W
2. Ruukki wall composite panel
3. PCV gutter + gutter hook + joint elements
4. EA1B11 drip flashing
5. EA1B25 drip roof flashing
6. EA1B30 joint flashing
7. EA1B31 joint flashing
8. EA1B37 peak closing flashing
9. L03 fastener (co ~300 mm)
10. Watertight rivet (every ~200 mm)
11. Steel rivet (every ~300 mm)
12. Mineral wool in bulk
13. Permanently elastic sealing compound
14. EA1B38 joint flashing (alternative option for finishing with EA1B31 joint flashing)
15. EA1B39 joint flashing (alternative option for finishing with EA1B30 joint flashing)

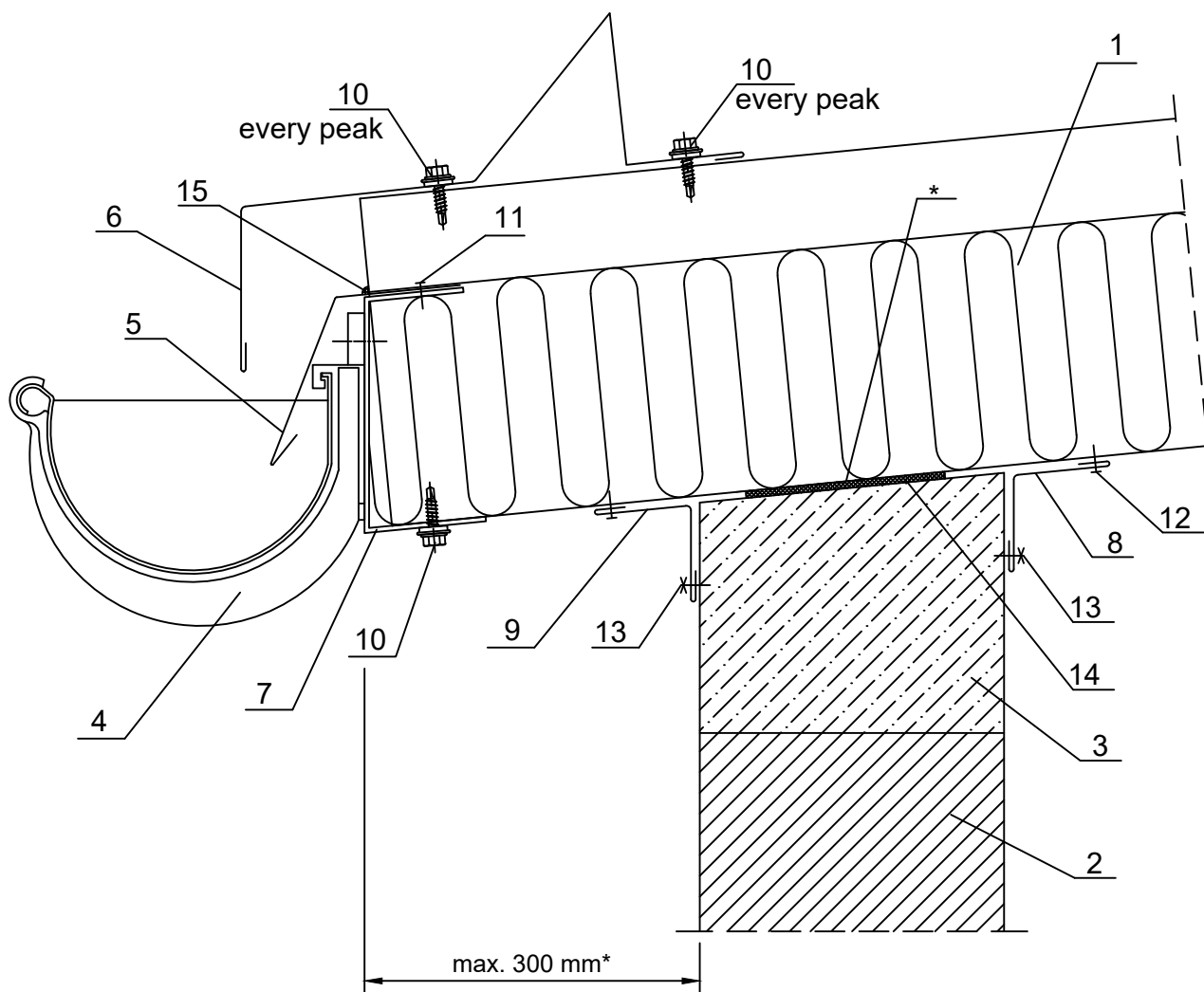
Note:

prior to fixing EA1B37 and EA1B11 flashing
polyurethane under the external panel
facing should be notched

* for structures with high requirements regarding
thermal insulation facing gap is ~30 mm;
in this case the maximum support length is 300 mm

** for roof with inclination exceeding 20%

Date 04.11.2024	Rev. date .	Work nr. M07/S12	Drw. nr. -	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:3	Building		File nr. P2001/001-00034	



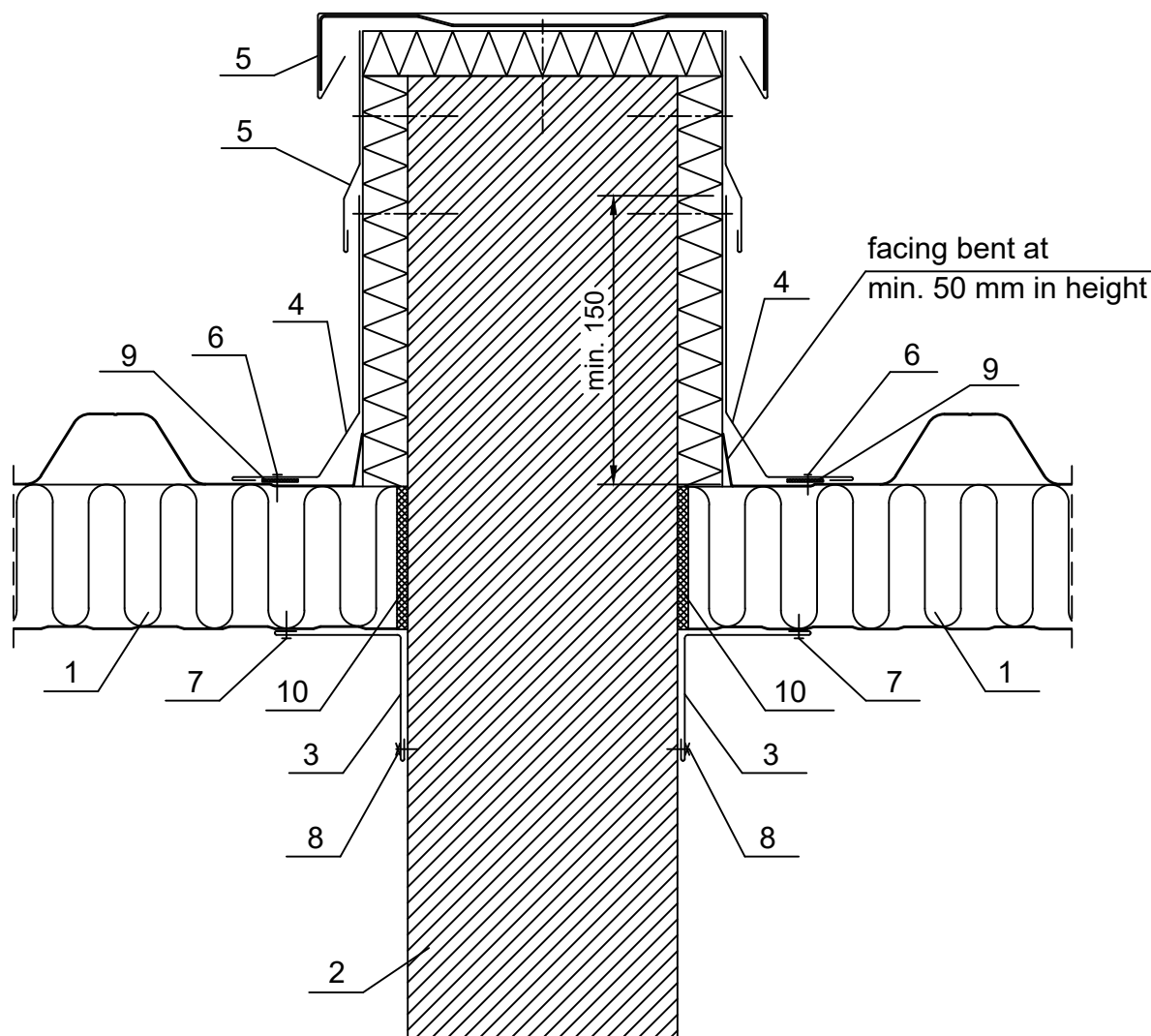
1. Ruukki nSPC W
2. Brick wall acc. to architectural design of the structure
3. Reinforced concrete caping acc. to architectural design of the structure
4. PCV gutter + gutter hook + joint elements
5. EA1B11 drip flashing
6. EA1B25 drip roof flashing
7. EA1B20 assembly flashing
8. EA1B30 joint flashing
9. EA1B31 joint flashing
10. L03 fastener
11. Watertight steel rivet (every ~200 mm)
12. Steel rivet (every ~300 mm)
13. Expansion bolt
14. 10x85 self-adhesive sealant
15. Butyl sealing compound

Note:

prior to fixing EA1B20 and EA1B11 flashing
polyurethane, polystyrene or mineral wool
under the external panel
facing should be notched

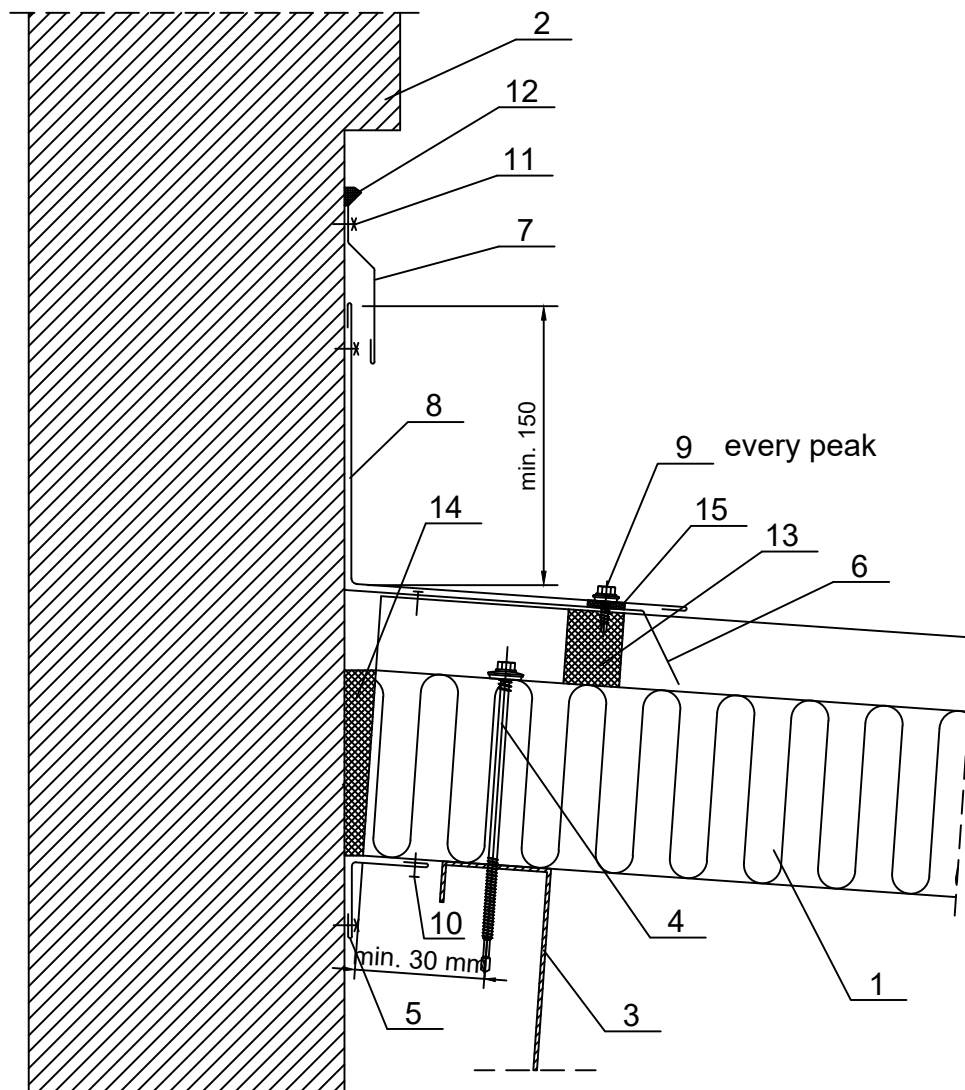
* for structures with high requirements regarding
thermal insulation facing gap is ~30 mm;
in this case the maximum support length is 300 mm

Date 04.11.2024	Rev. date .	Work nr. M07/S13	Drw. nr. -	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:4	Building		File nr. P2001/001-00034	



1. Ruukki nSPC W
2. Brick wall
3. EA1B05 corner flashing
4. Custom ordered flashing
5. Custom ordered flashings acc. to architectural design of the structure
6. Watertight rivet (every ~300 mm)
7. Steel rivet (every ~300 mm)
8. Expanding bolt
9. Butyl tape
10. Impregnated polyurethane sealant, expanded foam or mineral wool (for SPC W)

Date 04.11.2024	Rev. date .	Work nr. M07/S14	Drw. nr. -	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:4	Building		File nr. P2001/001-00034	



1. Ruukki nSPC W
2. Brick wall
3. Purlins acc. to engineering design of the structure
4. Panel fastener for hot-rolled purlin or for cold-bent purlin
5. EA1B31 joint flashing
6. EA1B13 side ridge flashing
7. EA1B22 wall opening flashing
8. Custom ordered flashing
9. L03 fastener
10. Steel rivet (every ~300 mm)
11. Expanding bolt
12. Butyl sealing compound
13. U01 polyethylene sealant
14. Impregnated polyurethane sealant, expanded foam or mineral wool (for SPC W)
15. 4x20 self-adhesive sealant