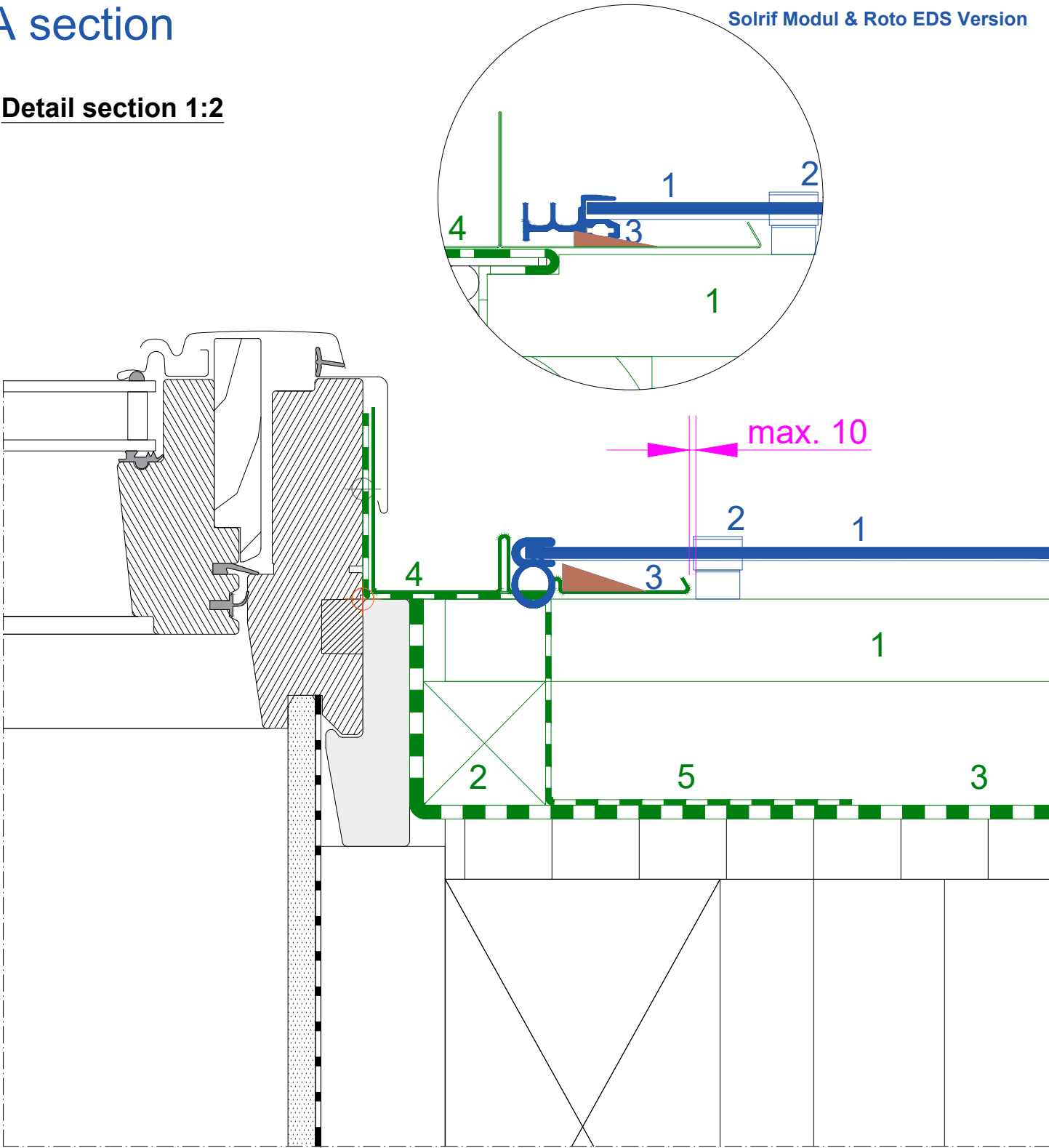


Complete BIPV roof data inventory with Solrif
Solrif window connection for flashing: Velux EDS / Roto EDS
Side connection – dummy module - cut*

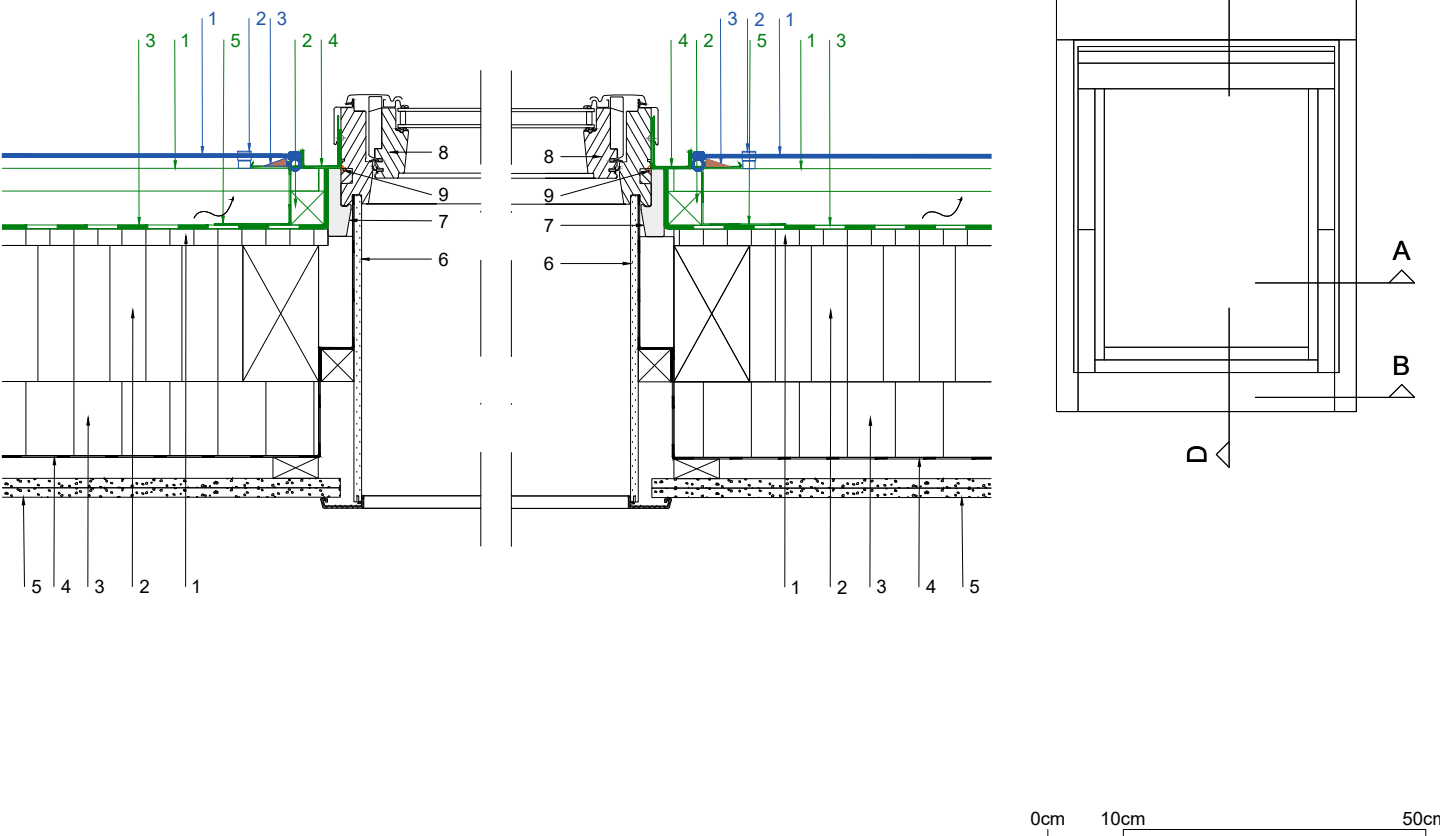


A section

Detail section 1:2



Detail 1:10



Key

Solrif range:

- 1 Solrif dummy module
- 2 Glass mounting bracket
- 3 Fillet sealing strips

Technical system elements:

- 1 Solrif batten screwed into wood, min. 120 x 30 mm; strength class C24 in accordance with EN 338
- 2 Counter batten (in accordance with guidelines) / ventilation space
- 3 Underroof (depending on roof pitch, in accordance with guidelines) Temperature resistance of film at least 80°C
- 4 Roofing frame lower part (Velux, EDS)
- 5 Underroof skirt (Velux)

Construction / components:

- 1 Soft wood fibreboard
- 2 Rafters / Thermal insulation between rafters
- 3 Thermal insulation under rafters
- 4 Vapour barrier
- 5 Inner panelling
- 6 Interior panelling (Velux)
- 7 Insulating frame (Velux)
- 8 Roof windows
- 9 Red line (Velux window installation height)

* Depiction with Velux EDS; solution is also valid for Roto EDS



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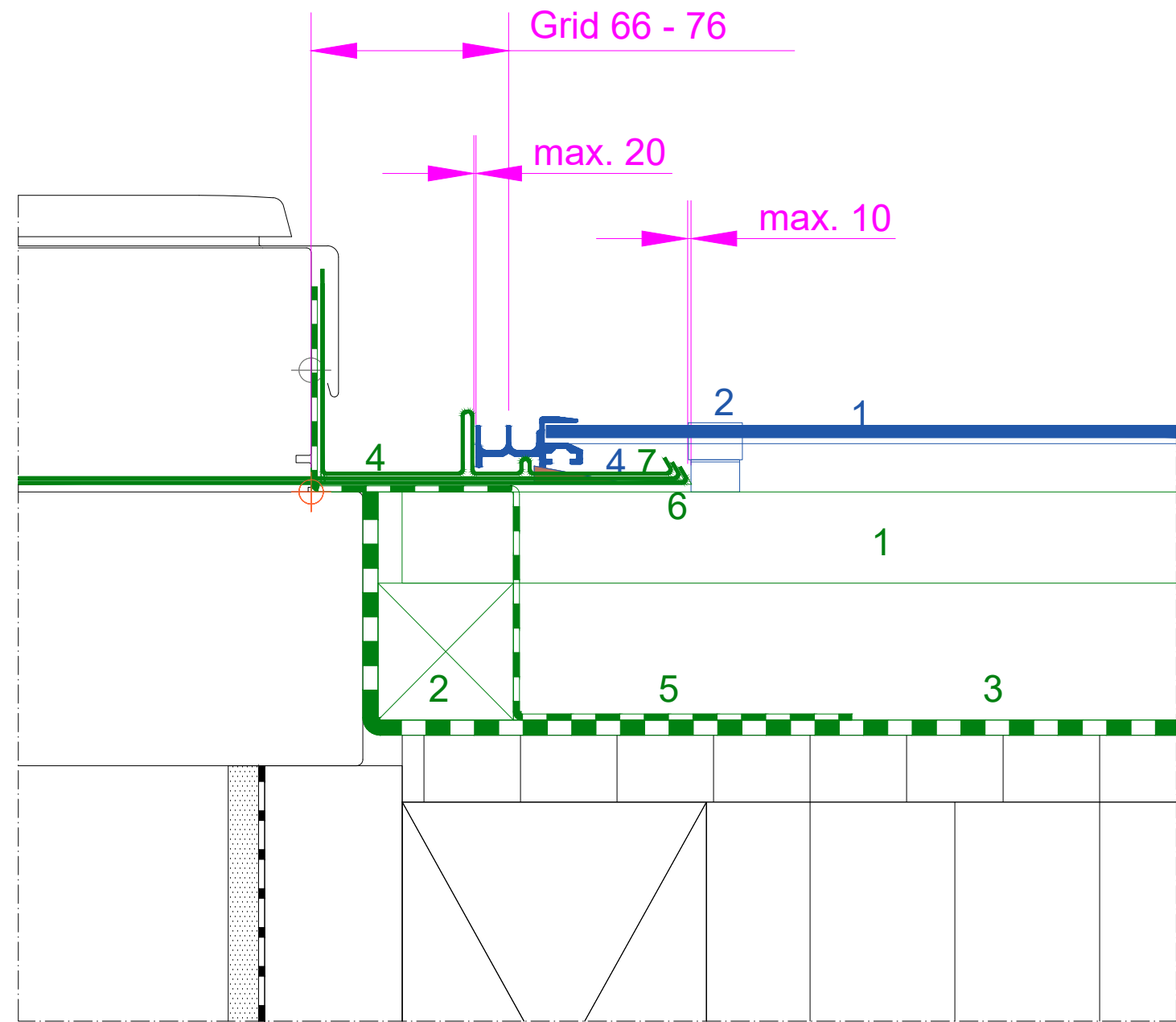
Applicability notice for structural connections for Solrif complete roof solutions © Ernst Schweizer AG.
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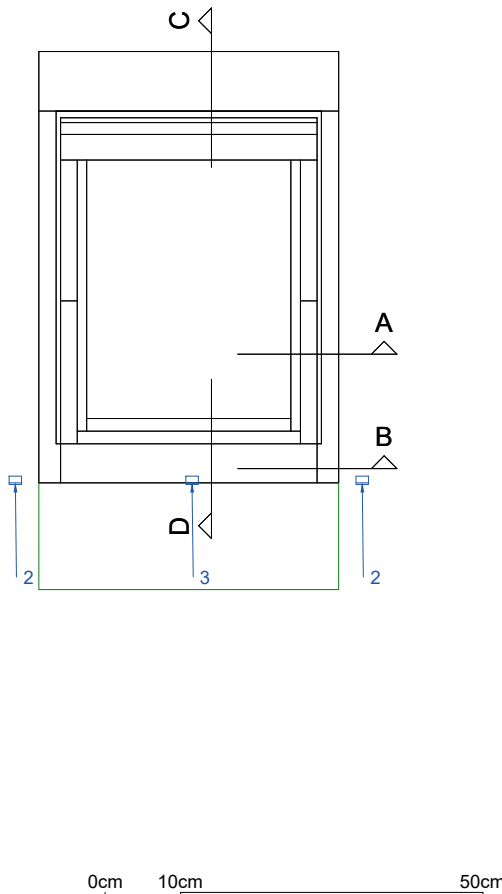
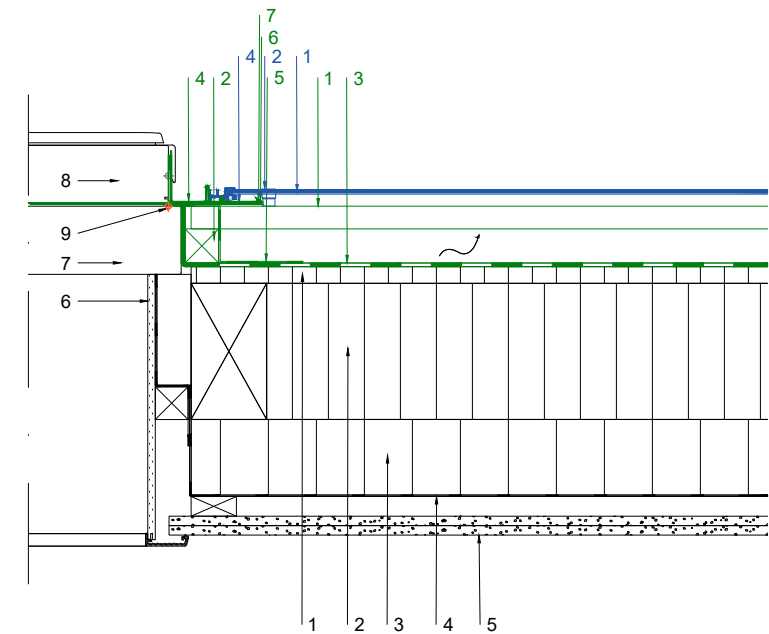
Complete BIPV roof data inventory with Solrif
Solrif® window connection for flashing: Velux EDS / Roto EDS
Side connection with transition plate at bottom*
B section



Detail section 1:2



Detail 1:10



Key

Solrif range:

- 1 Solrif module or dummy module
- 2 Glass mounting bracket
- 3 Profile mounting bracket
- 4 Fillet sealing strips

Technical system elements:

- 1 Solrif batten screwed into wood, min. 120 x 30 mm; strength class C24 in accordance with EN 338
- 2 Counter batten (in accordance with guidelines) / ventilation space
- 3 Underroof (depending on roof pitch, in accordance with guidelines) Temperature resistance of film at least 80°C
- 4 Roofing frame side panel (Velux, EDS)
- 5 Underroof skirt (Velux)
- 6 Lower plate, bevelled
- 7 Roofing frame lower part (Velux, EDS)

Construction / components:

- 1 Soft wood fibreboard
- 2 Rafters / Thermal insulation between rafters
- 3 Thermal insulation under rafters
- 4 Vapour barrier
- 5 Inner panelling
- 6 Interior panelling (Velux)
- 7 Insulating frame (Velux)
- 8 Skylight (Velux)
- 9 Red line (Velux installation height)

Applicability notice for structural connections for Solrif complete roof solutions © Ernst Schweizer AG.

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* Depiction with Velux EDS; solution is also valid for Roto EDS

0cm 2cm 10cm



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Complete BIPV roof data inventory with Solrif

Solrif window connection for flashing: Velux EDS / Roto EDS

Top connection*

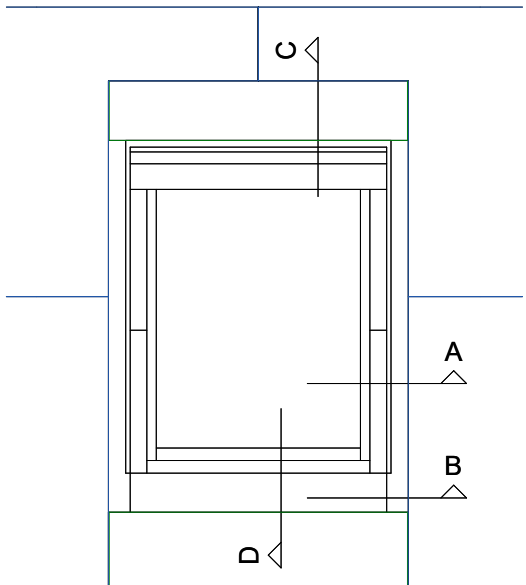
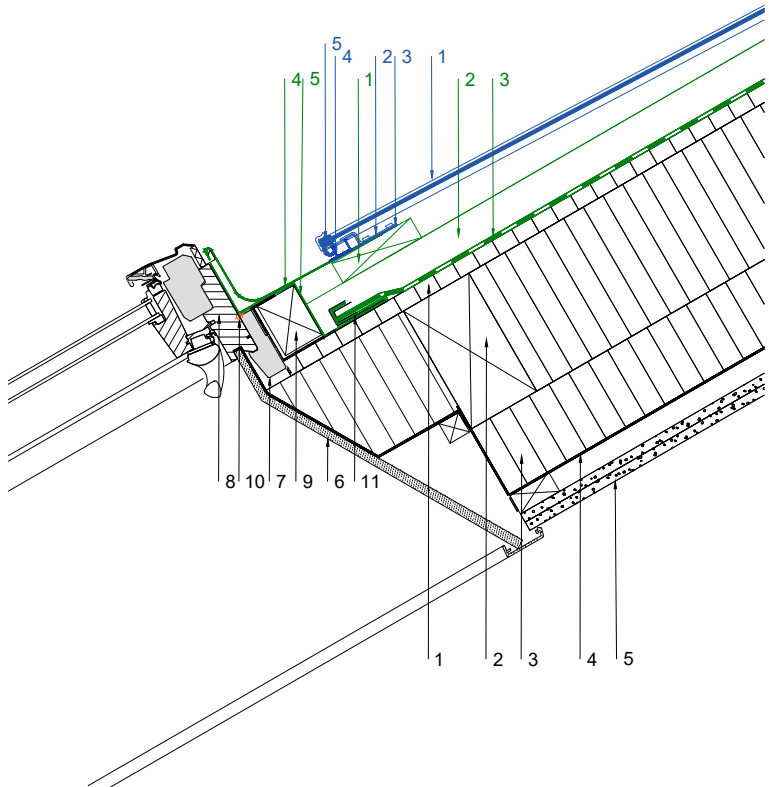
Section C



Detail section 1:2



Detail 1:10



Key

Solrif range:

- 1 Solrif module or dummy module
- 2 Glass / Profile mounting bracket
- 3 End skirt or EPDM sealing tape as sealing insert
- 4 Eave profile
- 5 Edge protection profile

Technical system elements:

- 1 Solrif batten screwed into wood, min. 120 x 30 mm; strength class C24 in accordance with EN 338
- 2 Counter batten (in accordance with guidelines) / ventilation space
- 3 Underroof (depending on roof pitch, in accordance with guidelines) Temperature resistance of film at least 80°C
- 4 Roofing frame (Velux, EDS)
- 5 Underroof skirt (Velux)

Construction / components:

- 1 Soft wood fibreboard
- 2 Rafters / Thermal insulation between rafters
- 3 Thermal insulation under rafters
- 4 Vapour barrier
- 5 Inner panelling
- 6 Interior panelling (Velux)
- 7 Insulating frame (Velux)
- 8 Skylight
- 9 Mounting plate
- 10 Red line (Velux window installation height)
- 11 Deflector plate (Velux)

*Depiction with Velux EDS; solution is also valid for Roto EDS



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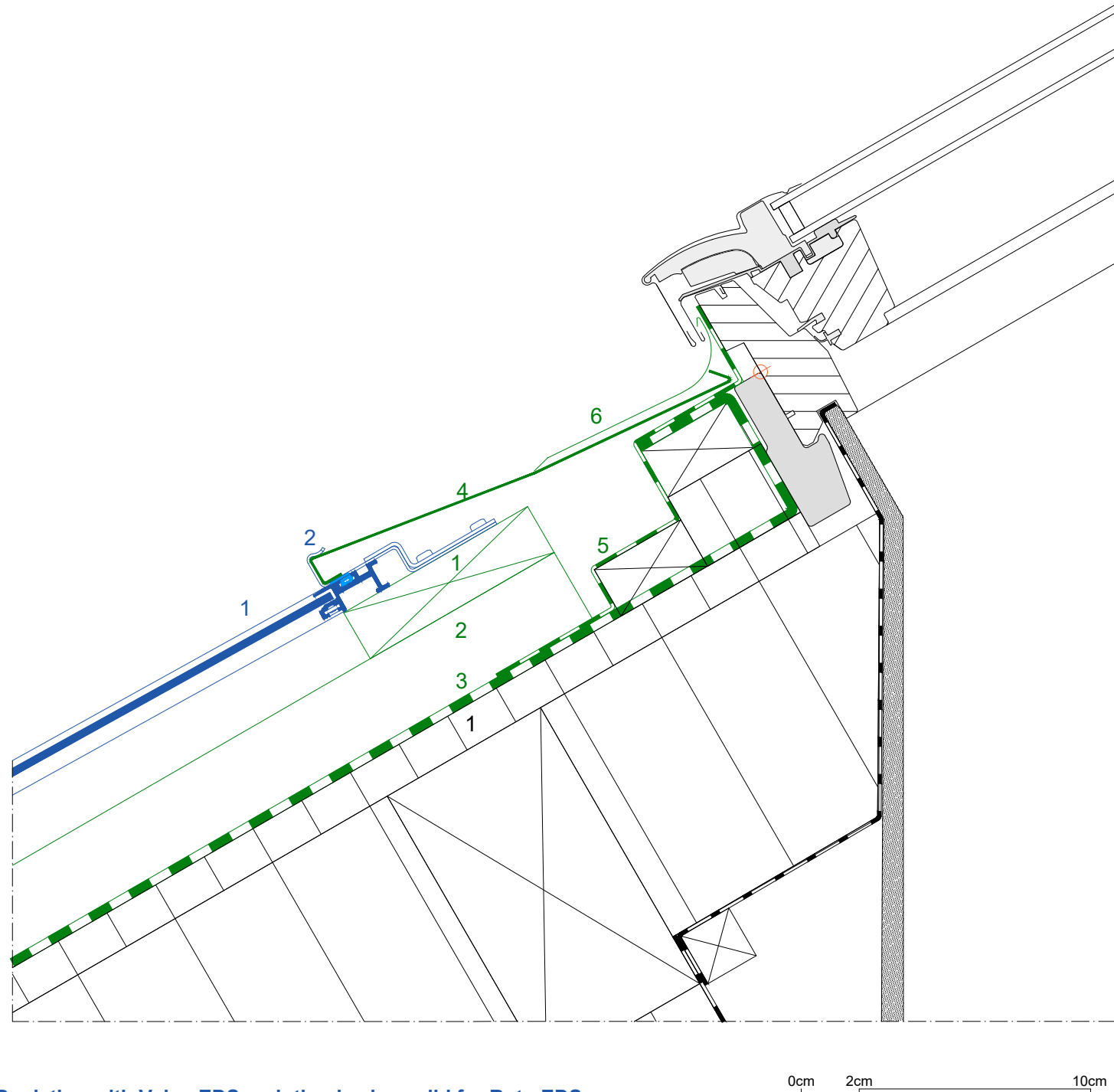
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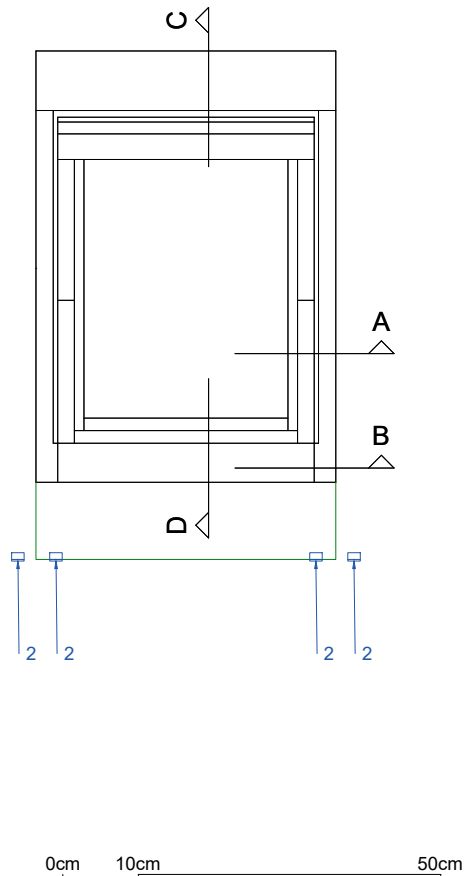
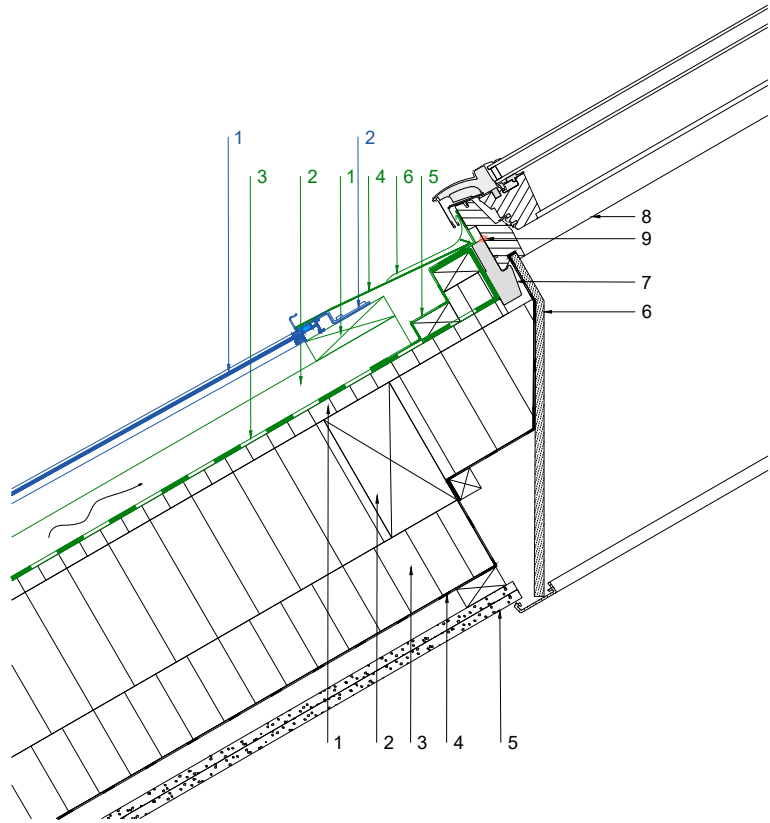
Complete BIPV roof data inventory with Solrif
Solrif window connection for flashing: Velux EDS / Roto EDS
Bottom connection - with transition plate*
Section D



Detail section 1:2



Detail 1:10



Key

Solrif range:

- 1 Solrif module or dummy module
- 2 Profile mounting bracket

Technical system elements:

- 1 Solrif batten screwed into wood, min. 120 x 30 mm; strength class C24 in accordance with EN 338
- 2 Counter batten (in accordance with guidelines) / ventilation space
- 3 Underroof (depending on roof pitch, in accordance with guidelines) Temperature resistance of film at least 80°C
- 4 Lower connection plate, bevelled
- 5 Underroof skirt (Velux)
- 6 Roofing frame lower part (Velux, EDS)

Construction / components:

- 1 Soft wood fibreboard
- 2 Rafters / Thermal insulation between rafters
- 3 Thermal insulation under rafters
- 4 Vapour barrier
- 5 Inner panelling
- 6 Interior panelling (Velux)
- 7 Insulating frame (Velux)
- 8 Skylight
- 9 Red line (Velux window installation height)

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*Depiction with Velux EDS; solution is also valid for Roto EDS



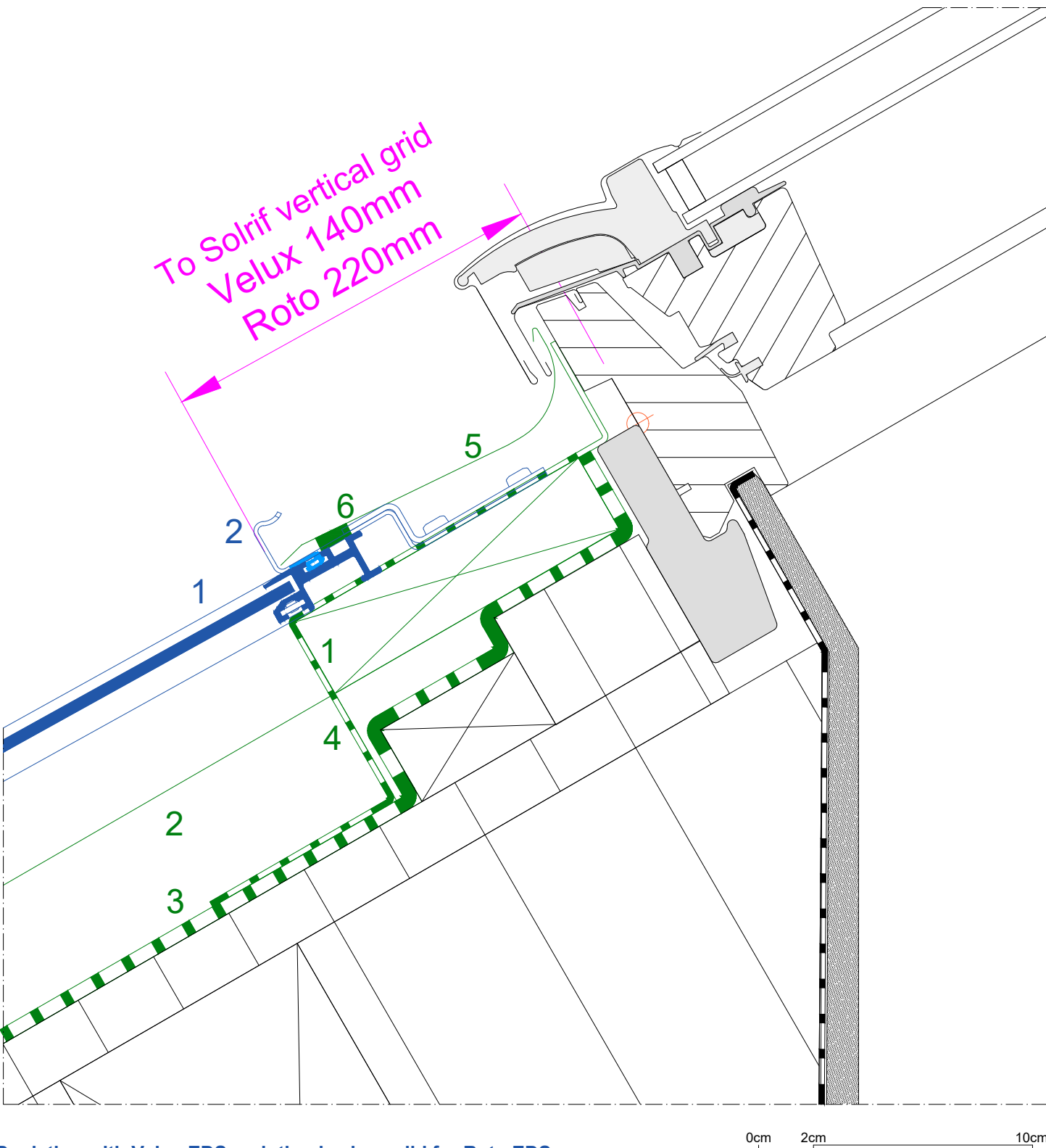
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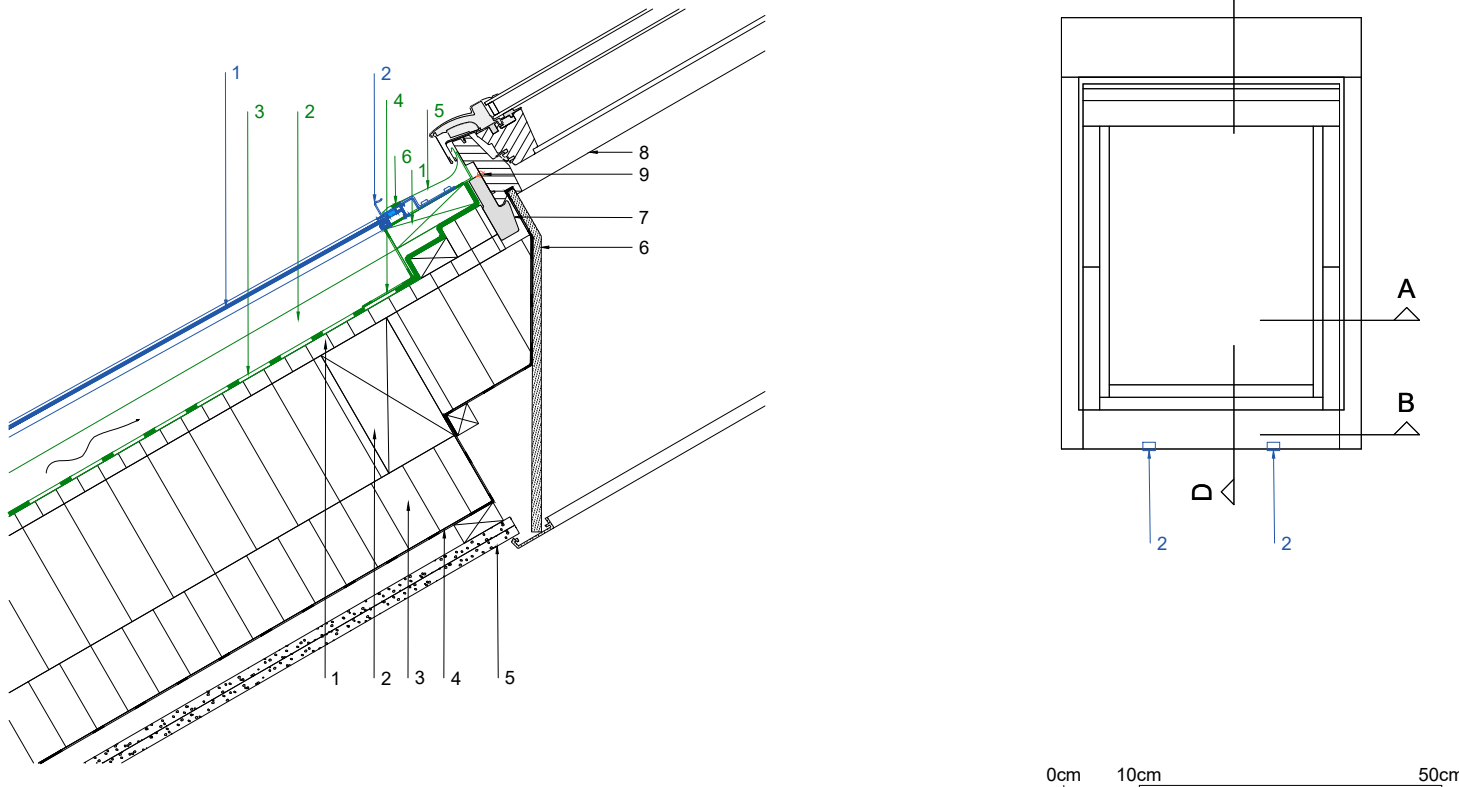
Complete BIPV roof data inventory with Solrif
Solrif window connection for flashing: Velux EDS / Roto EDS
Bottom connection - on module*
Section D



Detail section 1:2



Detail 1:10



Key

Solrif range:

- 1 Solrif module or dummy module
- 2 Profile mounting bracket

Technical system elements:

- 1 Solrif batten screwed into wood, min. 120 x 30 mm; strength class C24 in accordance with EN 338
- 2 Counter batten (in accordance with guidelines) / ventilation space
- 3 Underroof (depending on roof pitch, in accordance with guidelines) Temperature resistance of film at least 80°C
- 4 Roofing frame (Velux, EDS)
- 5 Lower part of flashing (Velux, type EDS)
- 6 Butyl strips

Construction / components:

- 1 Soft wood fibreboard
- 2 Rafters / Thermal insulation between rafters
- 3 Thermal insulation under rafters
- 4 Vapour barrier
- 5 Inner panelling
- 6 Interior panelling (Velux)
- 7 Insulating frame (Velux)
- 8 Skylight
- 9 Red line (Velux window installation height)

All dimensions are recommendations and should also be compared with the dimensions recommended by the suppliers of flashings.
The flashing can rest directly on the Solrif modules (see dummy module connection below).

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