

STEICO Detail catalog

Construction elements –
naturally made of timber

Construction

CONTENS

ETICS timber construction

Timber frame construction
CLT wall

ETICS masonry wall

Masonry wall with timber
Masonry wall glued and plugged

Pitched roof

Between rafter insulation
Above rafter insulation

Over 100 construction details
with the STEICO building system




STEICO
engineered by nature

STEICO Detail catalog - Contents

Basic structure

1. Level

Element	
AW	External wall
DA	Roof
DE	Ceiling

2. Level

Typ	
WDVS	ETICS
VHF	External cladding system
SD	Pitched roof
FD	Flat roof
HB	Timber beam
MH	Solid wood
BE	Concrete

3. Level

Construction	
HRB	Timber frame construction
MH	CLT wall
MWHU	Masonry wall with timber
MWG	Masonry wall glued and plugged
MW	Masonry wall
ZSD	Between rafter insulation
ADD	Above rafter insulation
nsi	Invisible
si	Visible
Be	Concrete

STEICO Detail catalog - Contents

4. Level

Area		Wall
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3	Window / Door	
4	Rollo	
5	Raffstore & window blind	
6	Roof / System transitions	
7	Ceiling / System transitions	
		Roof
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2	Eaves	
3	Verge	
4	Rooflight	
5	Element joint	
6	Collar tie connection	
7	Connections	

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External wall (AW)

ETICS (WDVS)

Timber frame construction (HRB)

DPC

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External wall (AW)

ETICS (WDVS)

CLT wall (MH)

DPC

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External wall (AW)

ETICS (WDVS)

Masonry wall with timber (MWHU)

DPC

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External wall (AW)

ETICS (WDVS)

Masonry wall glued and plugged (MWG)

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Window / Door

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Between rafter insulation (ZSD)

First

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DFF

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Kehlbalkenanschluss

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Roof (DA)

Pitched roof (SD)

Above rafter insulation (AD)

First

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Eaves

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Verge

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DFF

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Connections

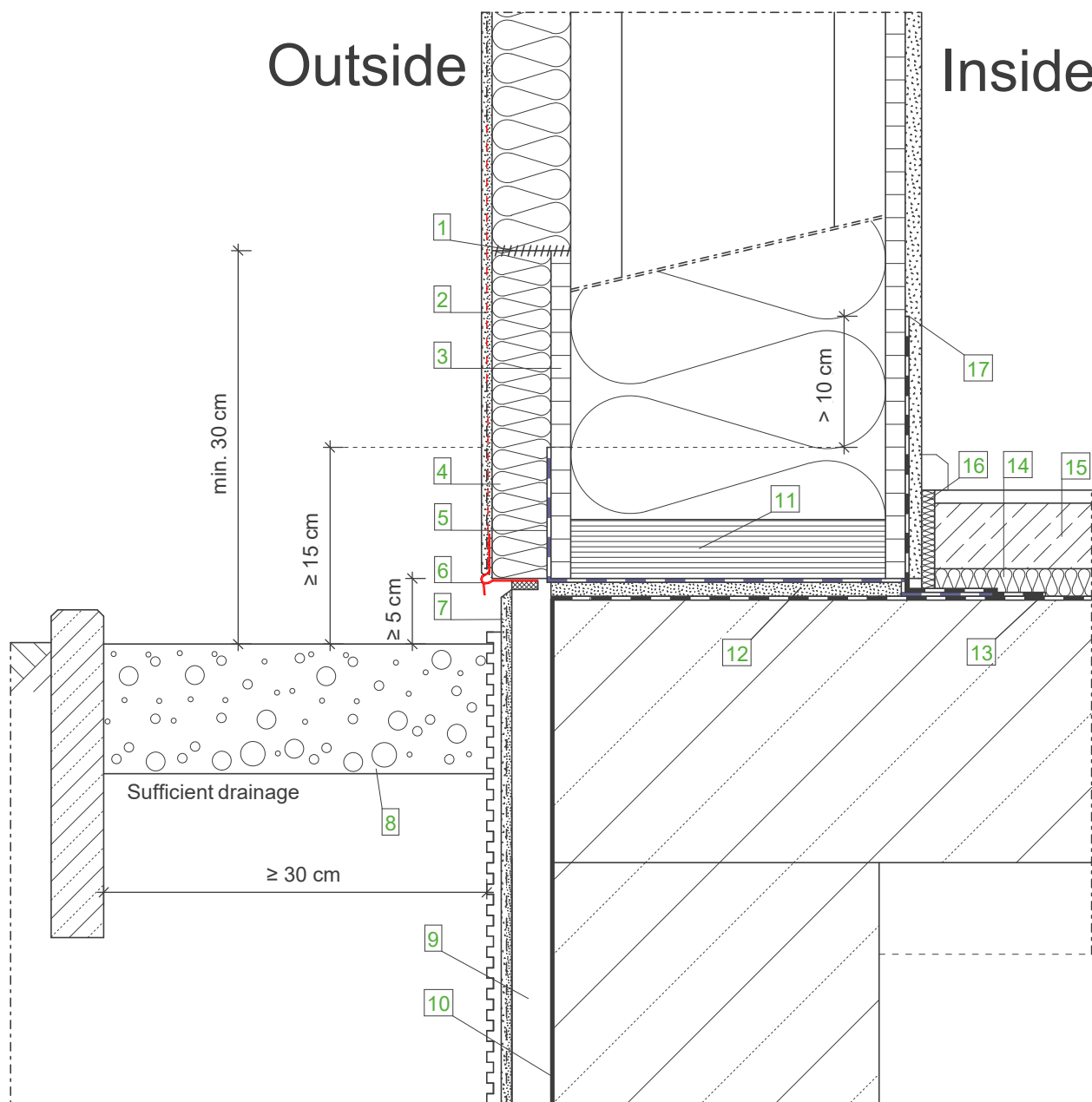
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External wall - ETICS - Timber frame construction

Wall construction
(from inside to outside)

Nr.	Material	Thickness in cm
1	Plasterboard	1.25
2	OSB, airtight tape	1.50
3	STEICOflex with I-Joist 60/240	24.00
4	STEICOprotect	6.00
5	Approved plaster system	0.80



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | STEICOMulti fill |
| 2 | Additional mesh tape with sufficient coverage to ensure surface re-inforcement |
| 3 | Cement bonded board |
| 4 | EPS insulation with textured surface |
| 5 | Sealing in accordance with DIN 18195-4, taken to the inside |
| 6 | DPC edge profile |
| 7 | Below DPC render in accordance with render recommendation, in ground environment with flexible, mineral render sealing |
| 8 | Gravel bed, grain size min. 16/32 |
| 9 | Perimeter insulation |
| 10 | Building weathering protection, min. 15 cm above ground level |
| 11 | STEICO LVL Laminated Veneer Lumber |
| 12 | Swelling mortar |
| 13 | Bituminous sheeting |
| 14 | STEICOtherm/ STEICObase |
| 15 | Wet screed |
| 16 | STEICOsoundstrip |
| 17 | Airtight tape |

Important Note:

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DPC - Level threshold, continuous render layer, variation for pre-assemble elements

Datum: 12.03.2015

Detailnummer: AW-WDVS-HRB-1-10

Änderung: 22.08.2017

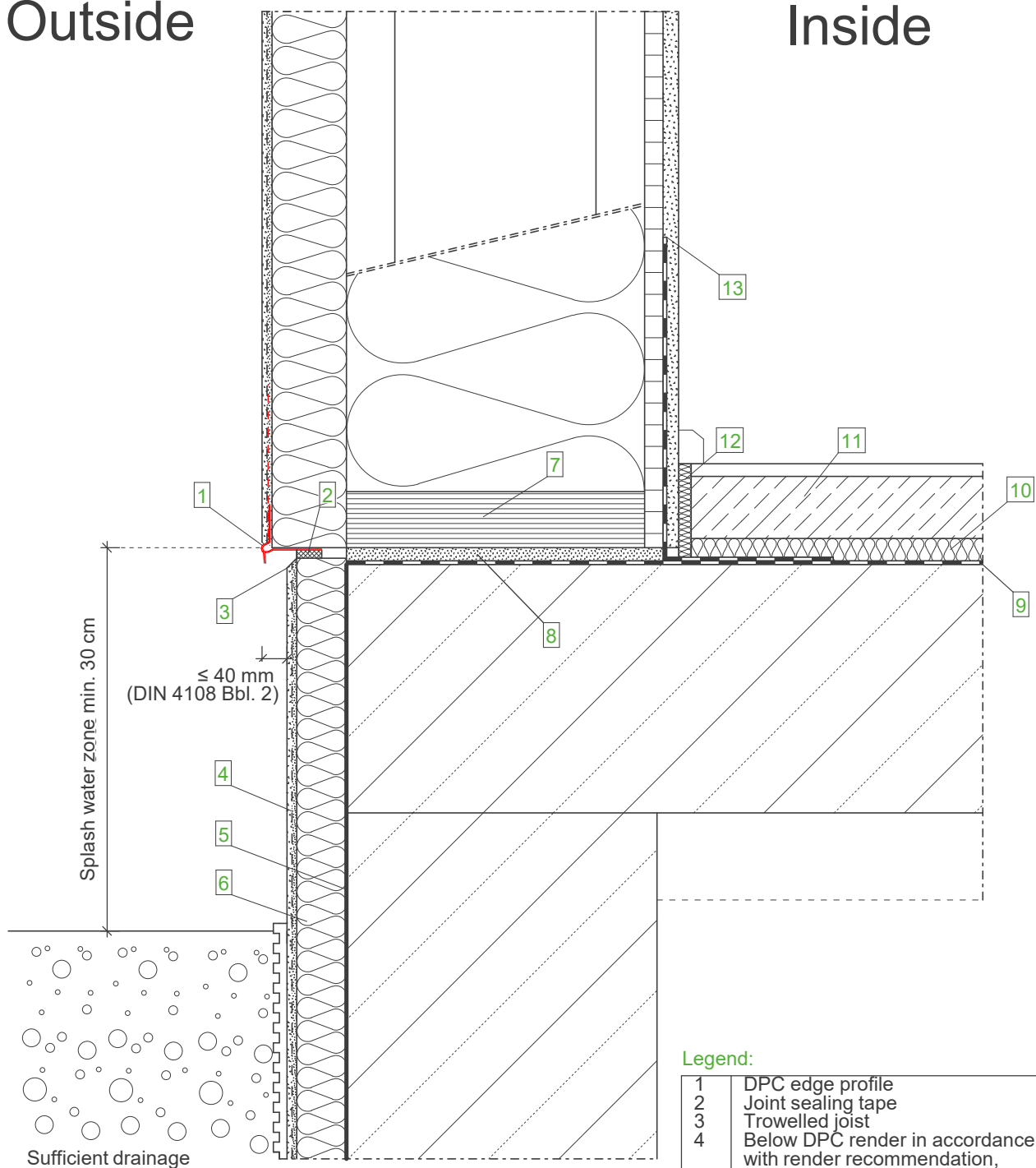
Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
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Outside

Inside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

1	DPC edge profile
2	Joint sealing tape
3	Trowelled joist
4	Below DPC render in accordance with render recommendation, in ground environment with flexible, mineral render sealing
5	Building weathering protection min. 15 cm above ground level
6	Perimeter insulation
7	STEICO LVL Laminated Veneer Lumber
8	Swelling mortar
9	Bituminous sheeting
10	STEICOtherm/ STEICObase
11	Wet screed
12	STEICOsoundstrip
13	Airtight tape

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DPC - Elevated threshold - Splashback free

Datum: 12.03.2015

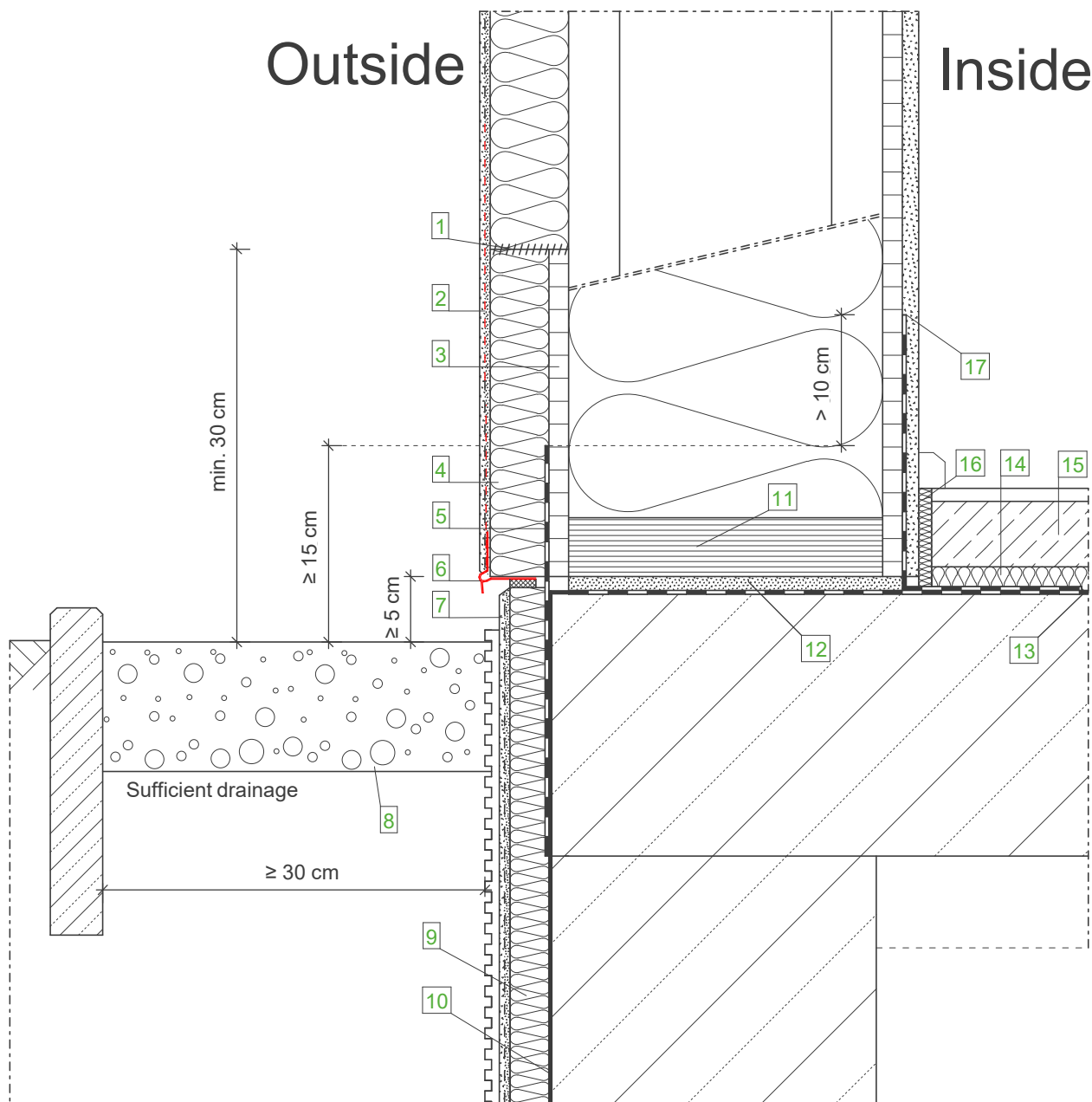
Detailnummer: AW-WDVS-HRB-1-20

Änderung: 22.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

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Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Legend:

- 1 STEICOMulti fill
- 2 Additional mesh tape with sufficient coverage to ensure surface re-inforcement
- 3 Cement bonded board
- 4 EPS insulation with textured surface
- 5 Sealing in accordance with DIN 18195-4
- 6 DPC edge profile
- 7 Below DPC render in accordance with render recommendation, in ground environment with flexible, mineral render sealing
- 8 Gravel bed, grain size min. 16/32
- 9 Perimeter insulation
- 10 Building weathering protection, min. 15 cm above ground level
- 11 STEICO LVL Laminated Veneer Lumber
- 12 Swelling mortar
- 13 Bituminous sheeting
- 14 STEICOtherm/ STEICObase
- 15 Wet screed
- 16 STEICOSoundstrip
- 17 Airtight tape

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DPC - Level threshold, reduced splashback zone

Datum: 12.03.2015

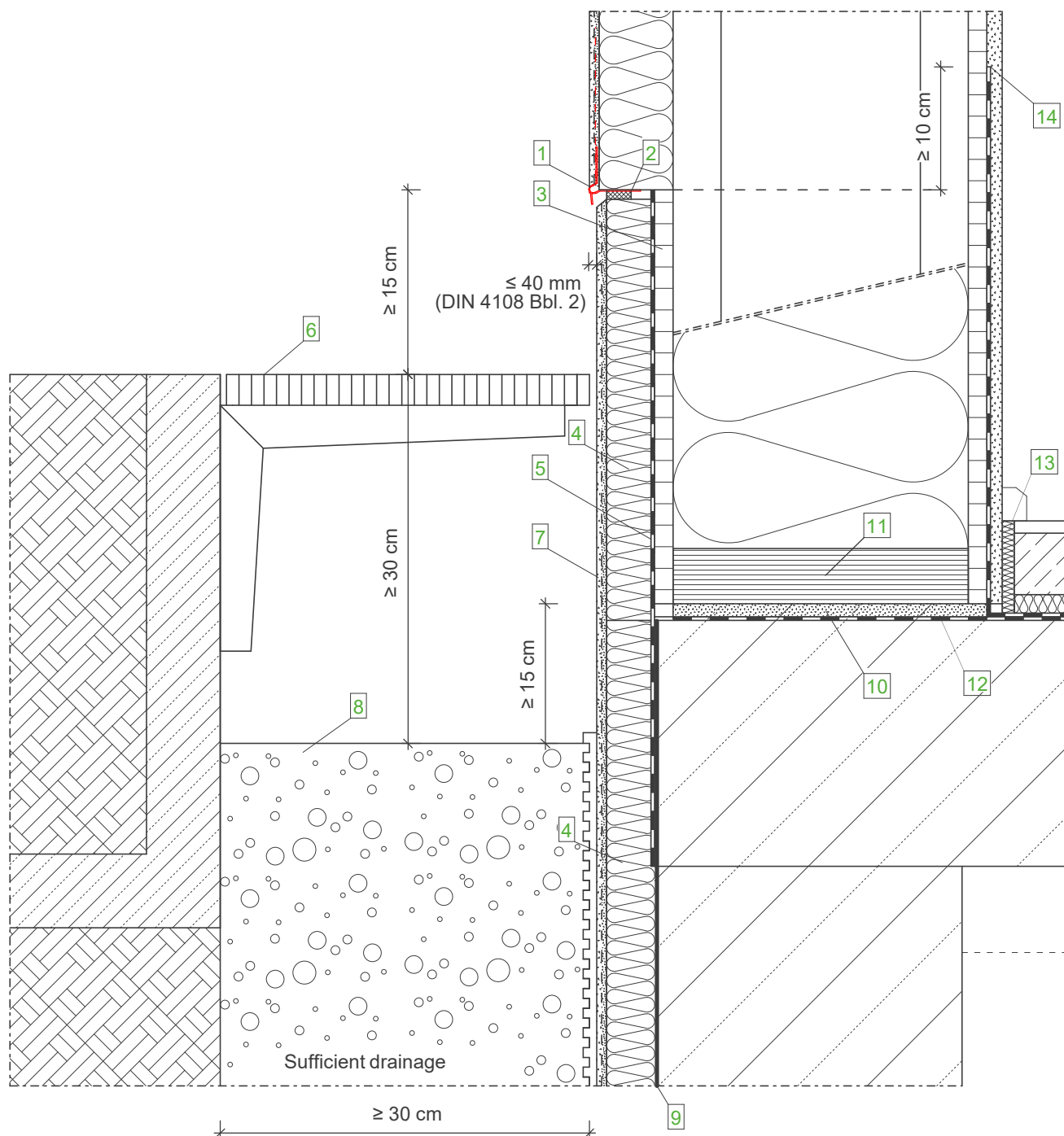
Detailnummer: AW-WDVS-HRB-1-30

Änderung: 22.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

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Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | DPC edge profile |
| 2 | Joint sealing tape |
| 3 | Cement bonded board |
| 4 | Perimeter insulation |
| 5 | Sealing in accordance with DIN 18195-4 |
| 6 | Grating |
| 7 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 8 | Gravel bed, grain size min. 16/32 mm |
| 9 | Building weathering protection, min. 15 cm above ground level |
| 10 | Swelling mortar |
| 11 | STEICO LVL Laminated Veneer Lumber |
| 12 | Bituminous sheeting |
| 13 | STEICOsoundstrip |
| 14 | Airtight tape |

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DPC - Level threshold, grating (terrace)

Datum: 12.03.2015

Detailnummer: AW-WDVS-HRB-1-40

Änderung: 22.08.2017

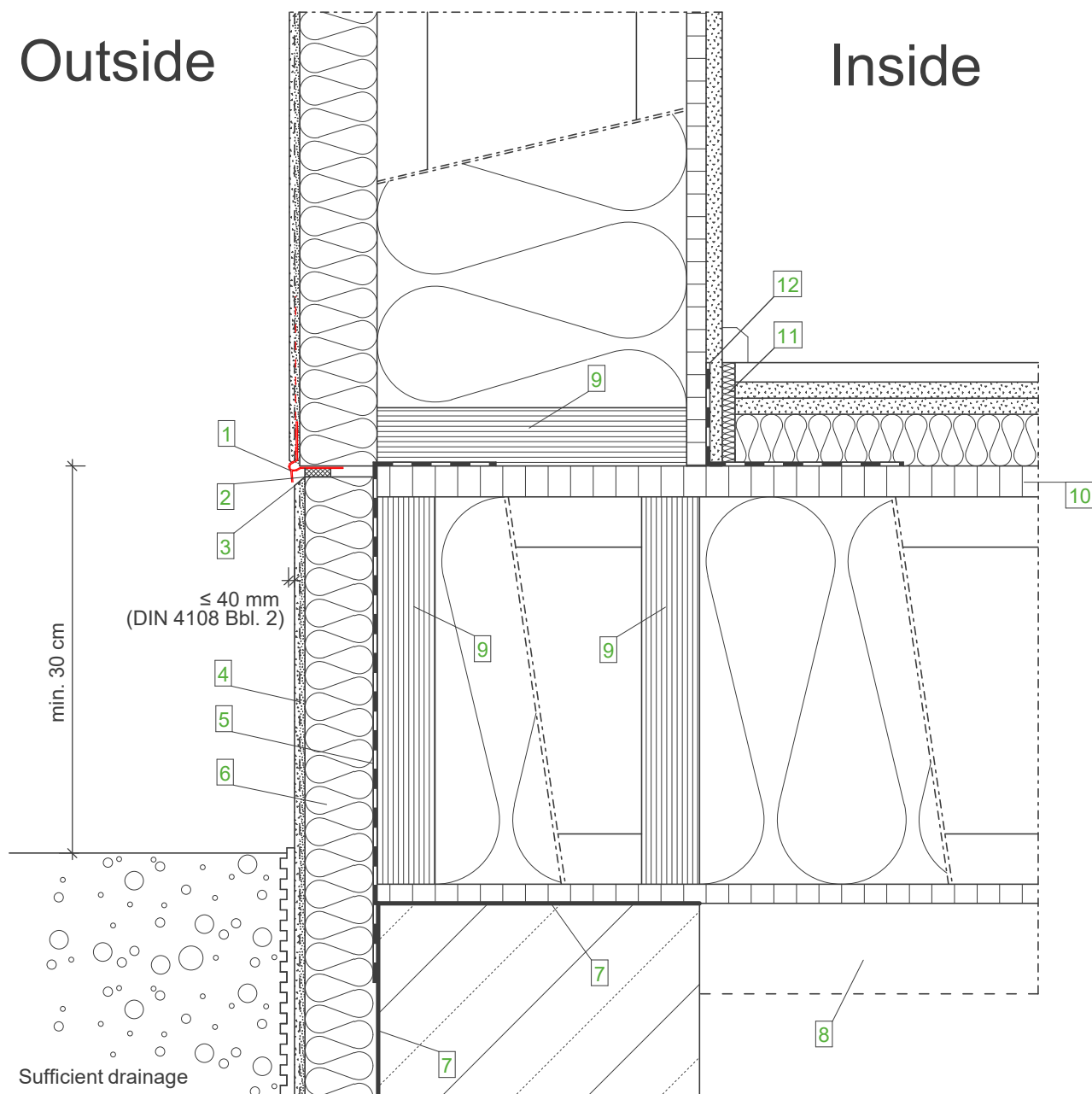
Bearbeiter: A. Luz

Maßstab: 1 : 5.0

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Outside

Inside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Floor construction (from top to bottom)

- Floor covering
- Dry screed element
- STEICOtherm/ STEICObase
- Timber based panel product (OSB), airtight tape
- STEICOjoist + STEICOflex
- Cement bonded particle board
- Suspended ceiling

Legend:

- | | |
|----|--|
| 1 | DPC edge profile |
| 2 | Joint sealing tape |
| 3 | Trowelled joist |
| 4 | Below DPC render in accordance with render recommendation, in ground environment with flexible, mineral render sealing |
| 5 | Sealing in accordance with DIN 18195-4 |
| 6 | Perimeter insulation |
| 7 | Building weathering protection, min. 15 cm above ground level |
| 8 | Suspended ceiling |
| 9 | STEICO LVL Laminated Veneer Lumber |
| 10 | Timber based panel product (OSB) and vapour barrier |
| 11 | STEICOsoundstrip |
| 12 | Airtight tape |

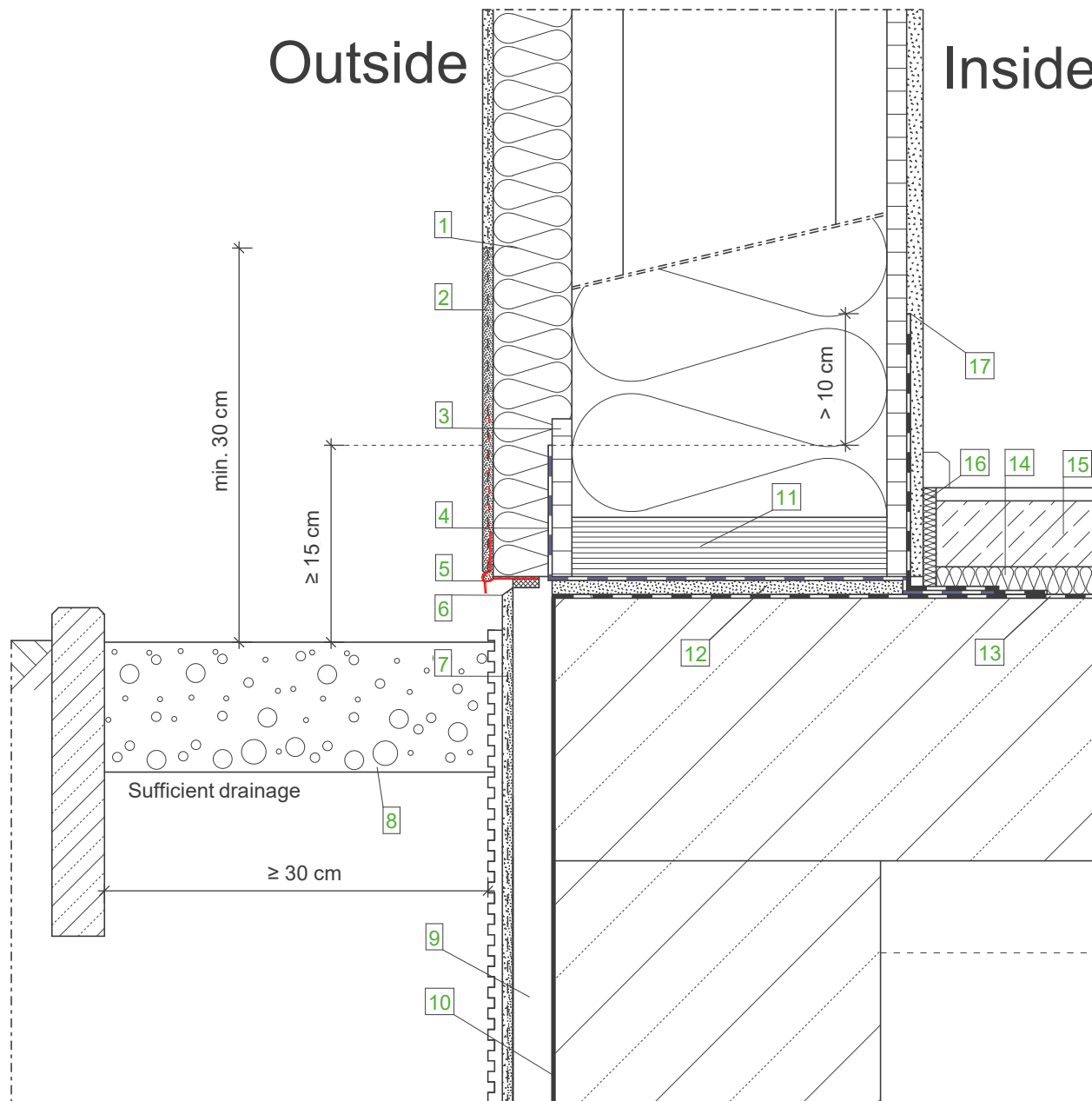
Important Note:

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DPC - Basement ceiling in timber construction

Datum: 13.03.2015	Detailnummer: AW-WDVS-HRB-1-50
Änderung: 22.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 5.0

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Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | STEICOprotect/ STEICOprotect dry |
| 2 | Re-inforced render including mesh with water repellent highly cured, cementitious tanking membrane |
| 3 | Cement bonded board |
| 4 | Sealing in accordance with DIN 18195-4, taken to the inside |
| 5 | DPC edge profile |
| 6 | Trowelled joist |
| 7 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 8 | Gravel bed, grain size min. 16/32 |
| 9 | Perimeter insulation |
| 10 | Building weathering protection, min. 15 cm above ground level |
| 11 | STEICO LVL Laminated Veneer Lumber |
| 12 | Swelling mortar |
| 13 | Bituminous sheeting |
| 14 | STEICOtherm/ STEICObase |
| 15 | Wet screed |
| 16 | STEICOsoundstrip |
| 17 | Airtight tape |

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DPC - Wood fibre in splashback zone (tanking slurry)

Datum: 12.03.2015

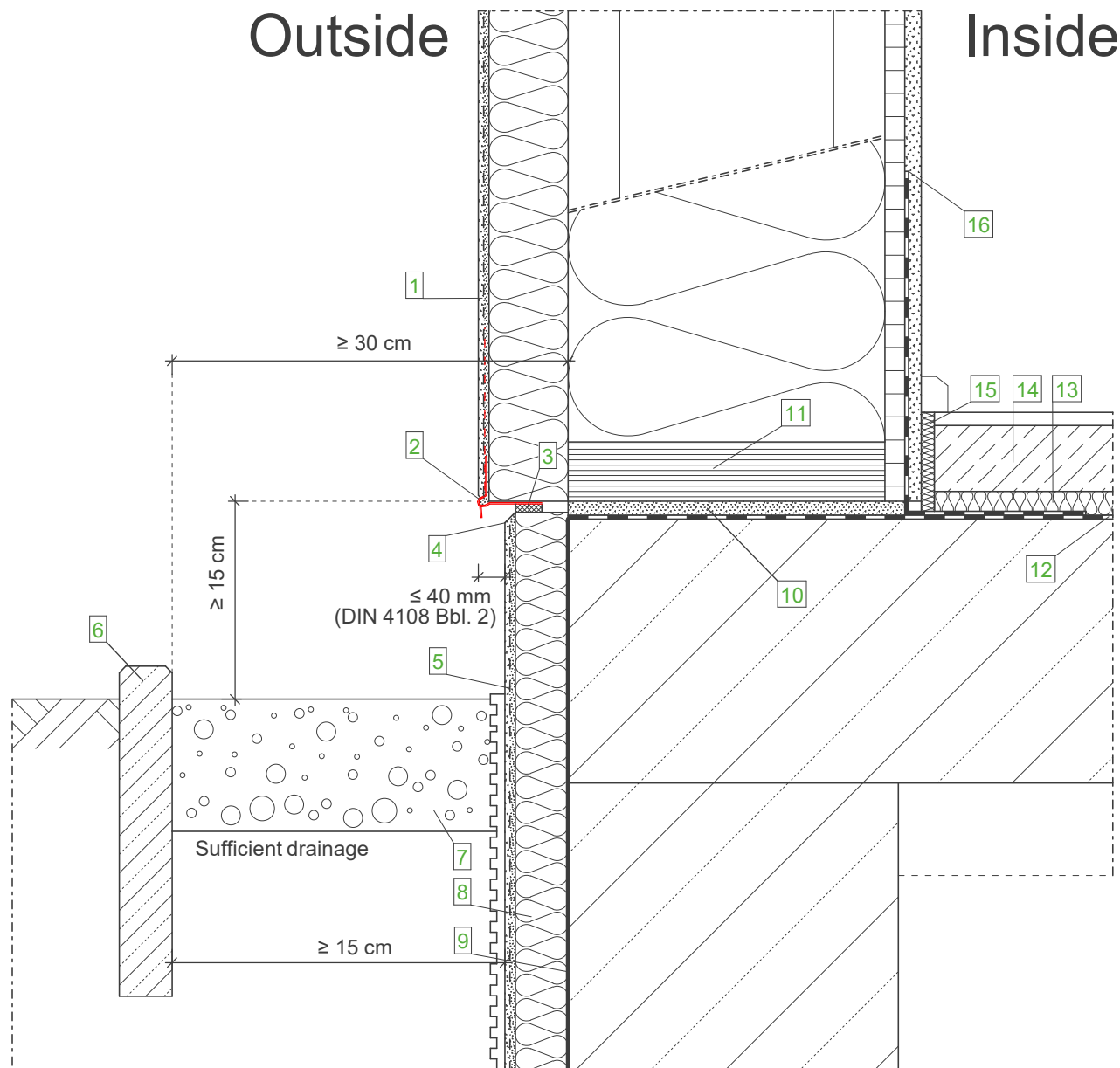
Detailnummer: AW-WDVS-HRB-1-60

Änderung: 22.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

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Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | In splash water zone (up to min. 30 cm over ground level) apply cementitious tanking slurry as moisture protection layer between upper and lower render |
| 2 | DPC edge profile |
| 3 | Joint sealing tape |
| 4 | Trowelled joist |
| 5 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 6 | Garden edging |
| 7 | Gravel bed, grain size min. 16/32 |
| 8 | Perimeter insulation |
| 9 | Building weathering protection, min. 15 cm above ground level |
| 10 | Swelling mortar |
| 11 | STEICO LVL Laminated Veneer Lumber |
| 12 | Bituminous sheeting |
| 13 | STEICOtherm/ STEICObase |
| 14 | Wet screed |
| 15 | STEICOsoundstrip |
| 16 | Airtight tape |

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DPC - Lower edge threshold min. 15 cm over terrain top edge (gravel bed)

Datum: 12.03.2015

Detailnummer: AW-WDVS-HRB-1-70

Änderung: 22.08.2017

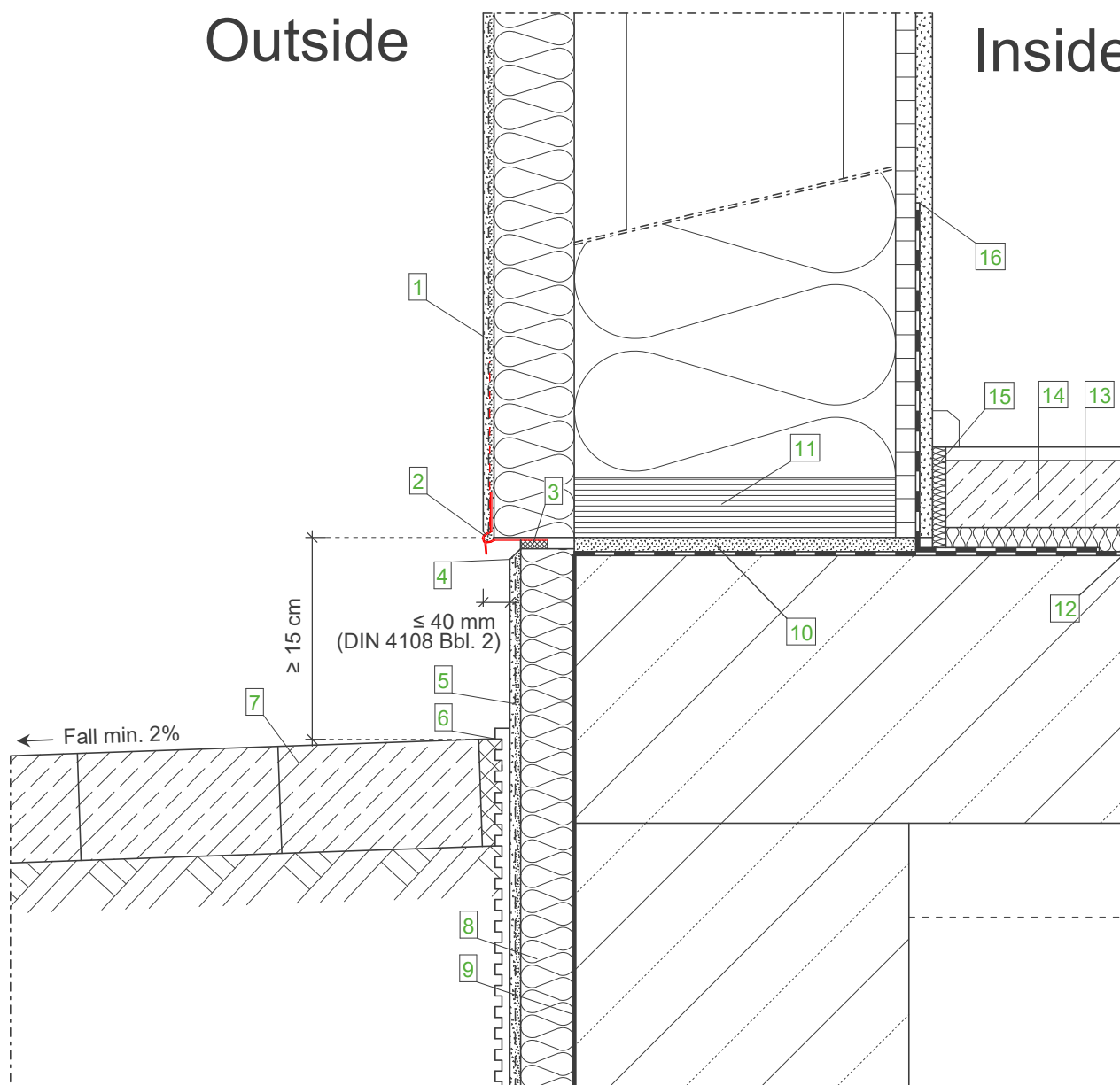
Bearbeiter: A. Luz

Maßstab: 1 : 5.0

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Outside

Inside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | In splash water zone (up to min. 30 cm over ground level) apply cementitious tanking slurry as moisture protection layer upper and lower render |
| 2 | DPC edge profile |
| 3 | Joint sealing tape |
| 4 | Trowelled joist |
| 5 | Below DPC render in accordance with render recommendation, in ground environment with flexible, mineral render sealing |
| 6 | Terrain top edge |
| 7 | Finished floor covering (= water-carrying layer) min. 2% fall |
| 8 | Perimeter insulation |
| 9 | Building weathering protection, min. 15 cm above ground level |
| 10 | Swelling mortar |
| 11 | STEICO LVL Laminated Veneer Lumber |
| 12 | Bituminous sheeting |
| 13 | STEICOtherm/ STEICObase |
| 14 | Wet screed |
| 15 | STEICOsoundstrip |
| 16 | Airtight tape |

Important Note:

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DPC - Lower edge threshold min. 15 cm over terrain top edge (min. 2% fall)

Datum: 12.03.2015

Detailnummer: AW-WDVS-HRB-1-80

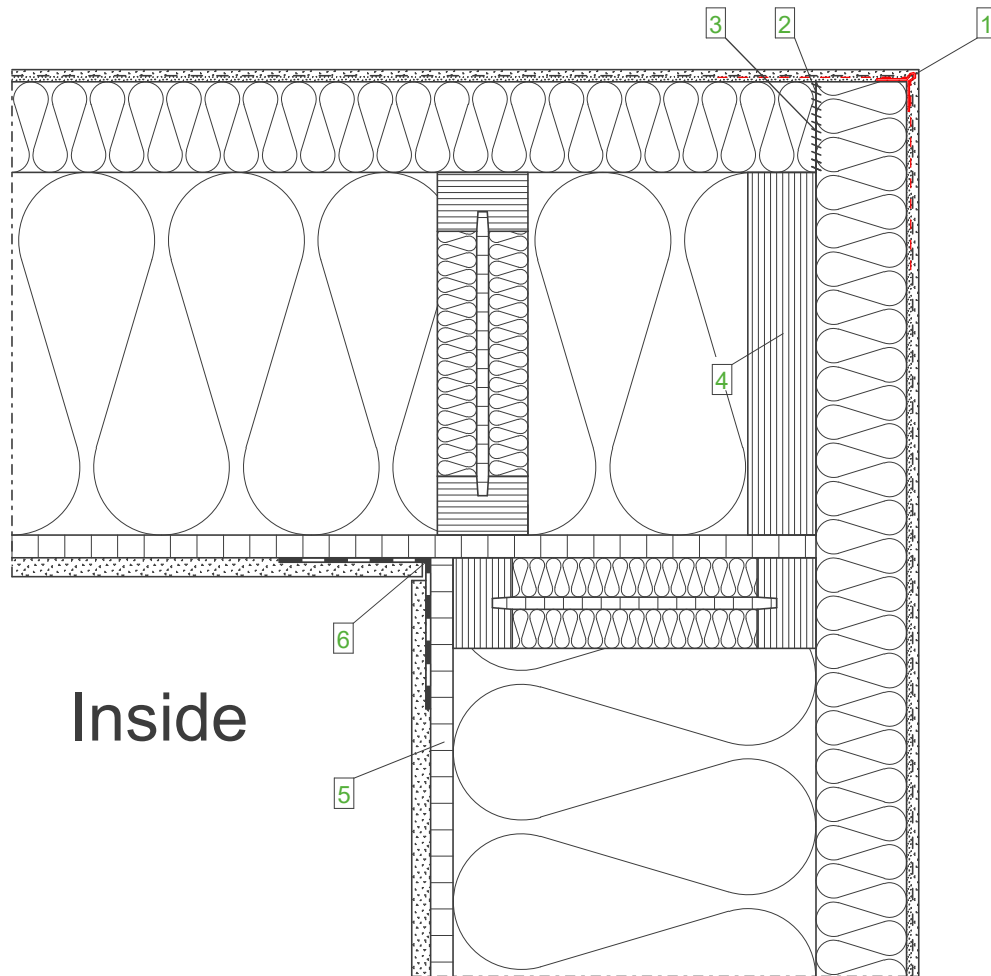
Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Inside

Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOPROTECT/ STEICOPROTECT dry
- Approved plaster system

Legend:

- | | |
|---|--|
| 1 | Mesh corner angle |
| 2 | STEICOMulti fill glueing optional |
| 3 | Square cut joint |
| 4 | STEICO LVL R Laminated Veneer Lumber |
| 5 | Pre designed fixing point. Site filled with STEICOflex. |
| 6 | Opening should be made airtight with vapour control layer STEICOMulti tape |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Outside corner with STEICO LVL R edge beam

Datum: 20.03.2015

Detailnummer: AW-WDVS-HRB-2-10

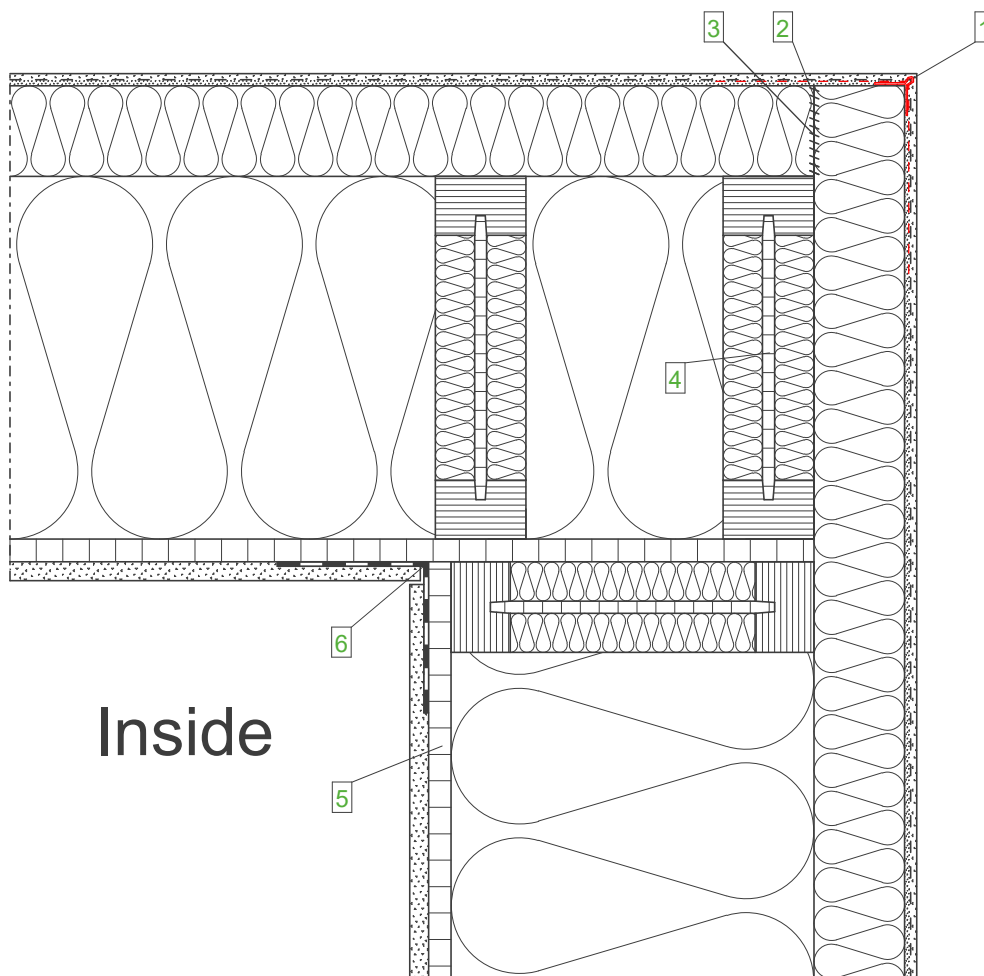
Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Inside

Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | Mesh corner angle |
| 2 | STEICOmuli fill glueing optional |
| 3 | Square cut joint |
| 4 | STEICOWall I-Joist |
| 5 | Pre designed fixing point. Site filled with STEICOflex. Opening should be made airtight with vapour control layer STEICOmuli tape |
| 6 | |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Outside corner with STEICOWall edge beam

Datum: 20.03.2015

Detailnummer: AW-WDVS-HRB-2-20

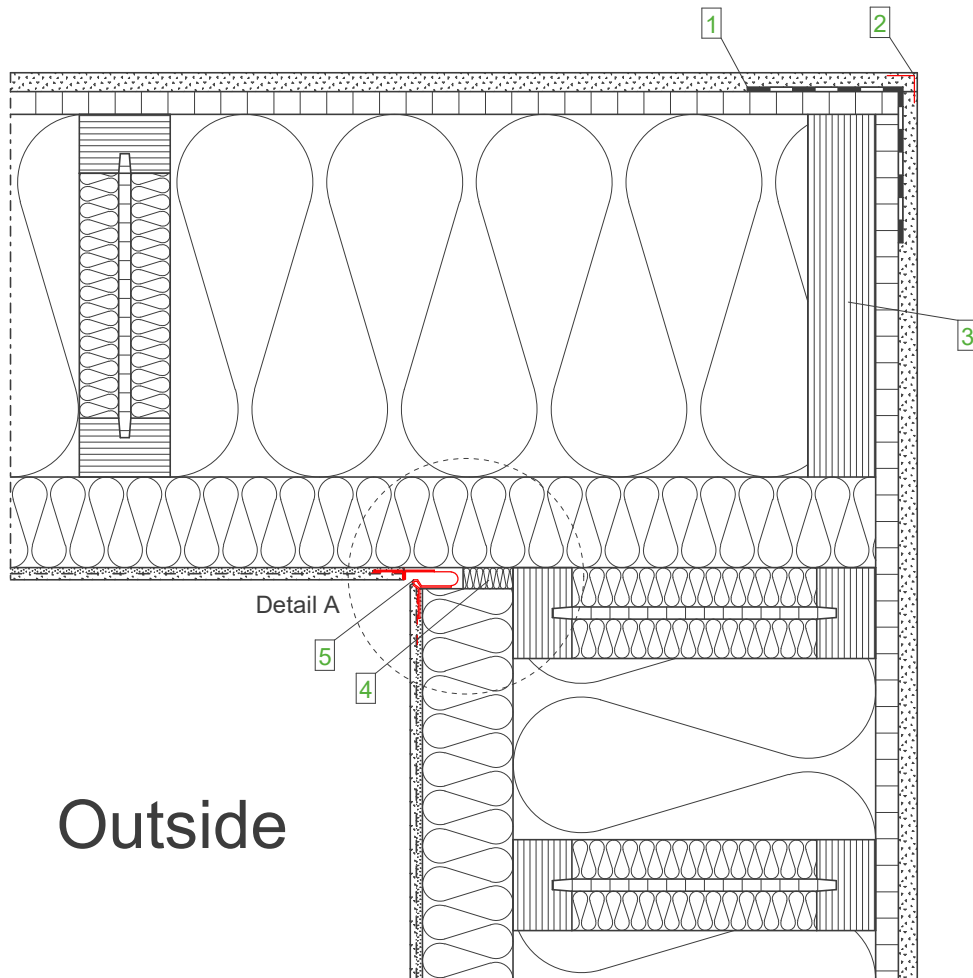
Änderung: 23.08.2017

Bearbeiter: A. Luz

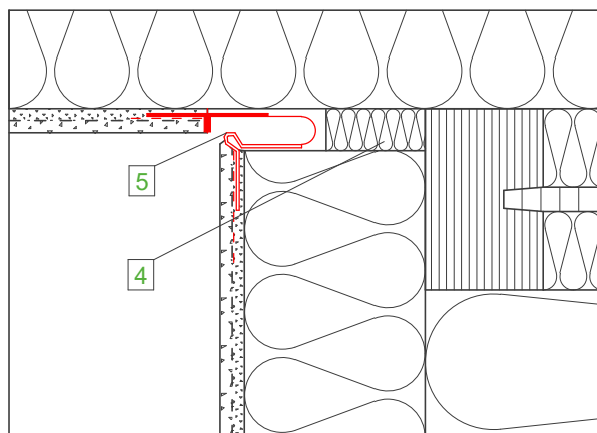
Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Inside



Outside



Detail A, M 1:2,5

Legend:

1	STEICOMulti tape
2	Corner angle
3	STEICO LVL R Laminated Veneer Lumber
4	STEICOflex
5	Expansion joint profile

Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall -Transitions - Inside corner with STEICO LVL R edge beam

Datum: 20.03.2015

Detailnummer: AW-WDVS-HRB-2-30

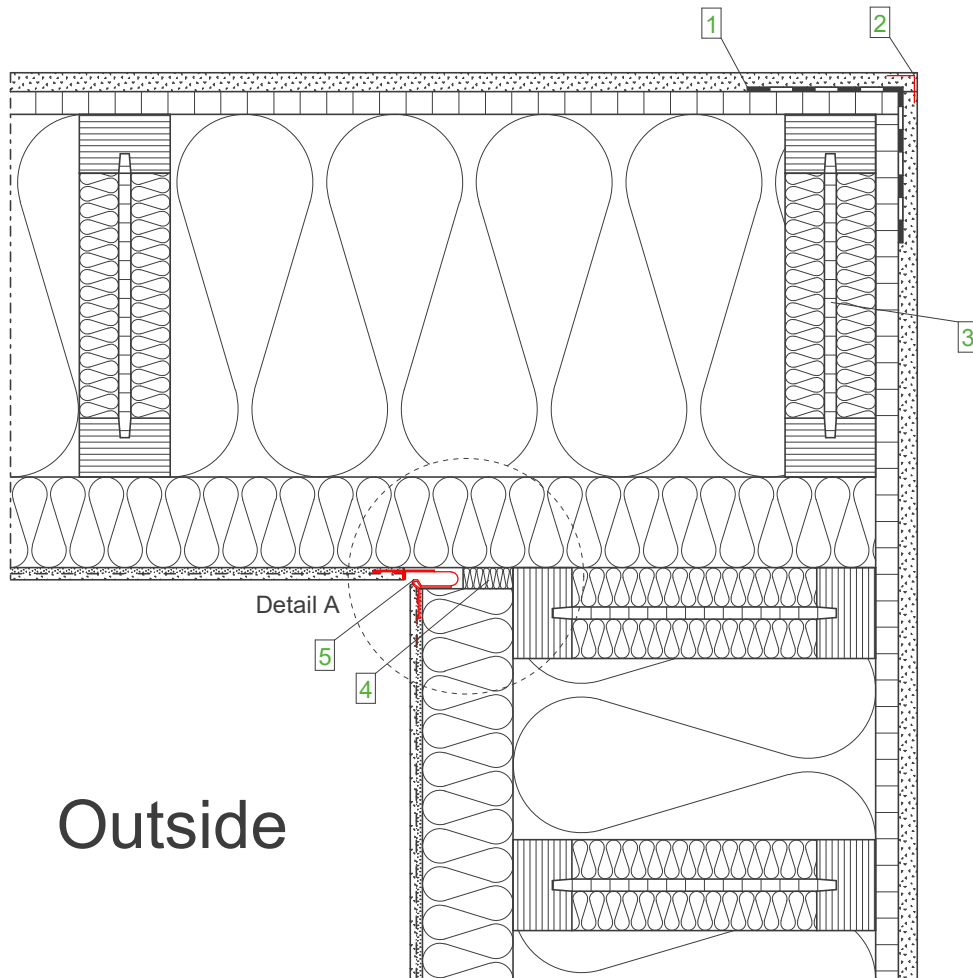
Änderung: 23.08.2017

Bearbeiter: A. Luz

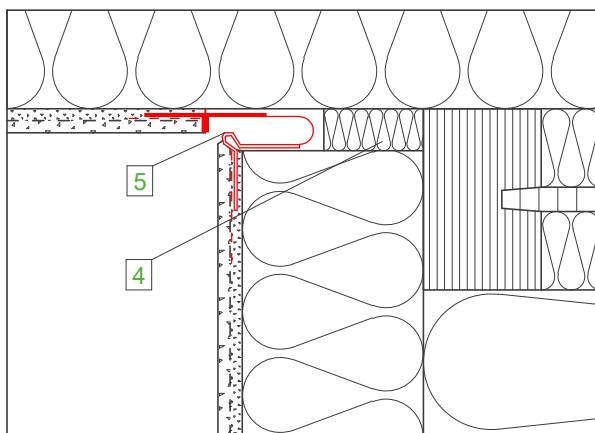
Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Inside



Outside



Detail A, M 1:2,5

Legend:

1	STEICOmultip tape
2	Corner angle
3	STEICOWall I-Joist
4	STEICOflex
5	Expansion joint profile

Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Important Note:

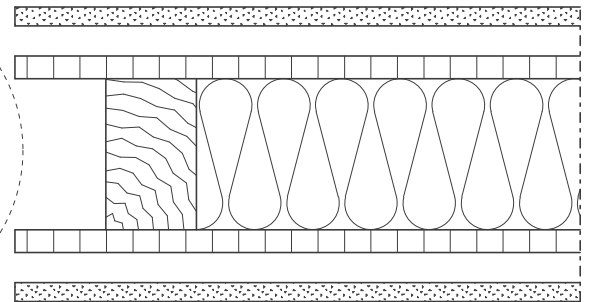
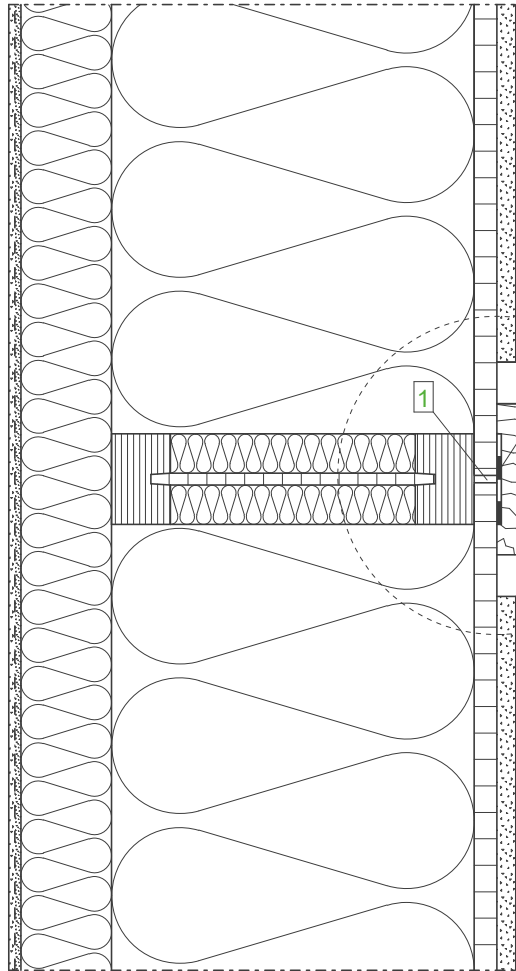
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Inside corner with STEICOWall edge beam		
Datum: 20.03.2015	Detailnummer: AW-WDVS-HRB-2-40	
Änderung: 23.08.2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0

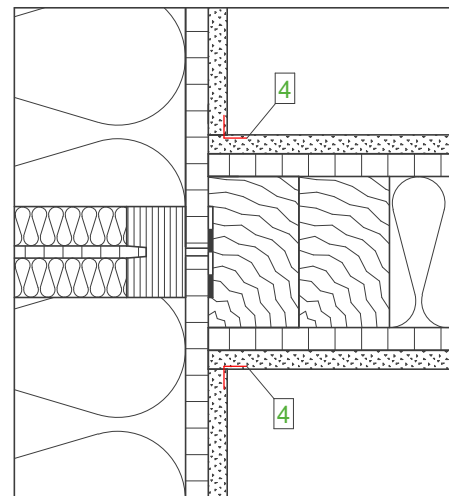
STEICO
natürlich besser dämmen

Outside

Inside



Detail A



Detail A after mounting, M 1:5,0

External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOPROTECT/ STEICOPROTECT dry
- Approved plaster system

Internal wall construction (from inside to outside)

- Plasterboard
- OSB
- STEICOflex
- Solid timber or STEICO LVL R
- OSB
- Plasterboard

Legend:

- | | |
|---|--|
| 1 | Construction joint 5mm in timber based panel product |
| 2 | STEICOMulti tape |
| 3 | Mounting timber |
| 4 | Paper joint re-inforcement band filled |

Important Note:

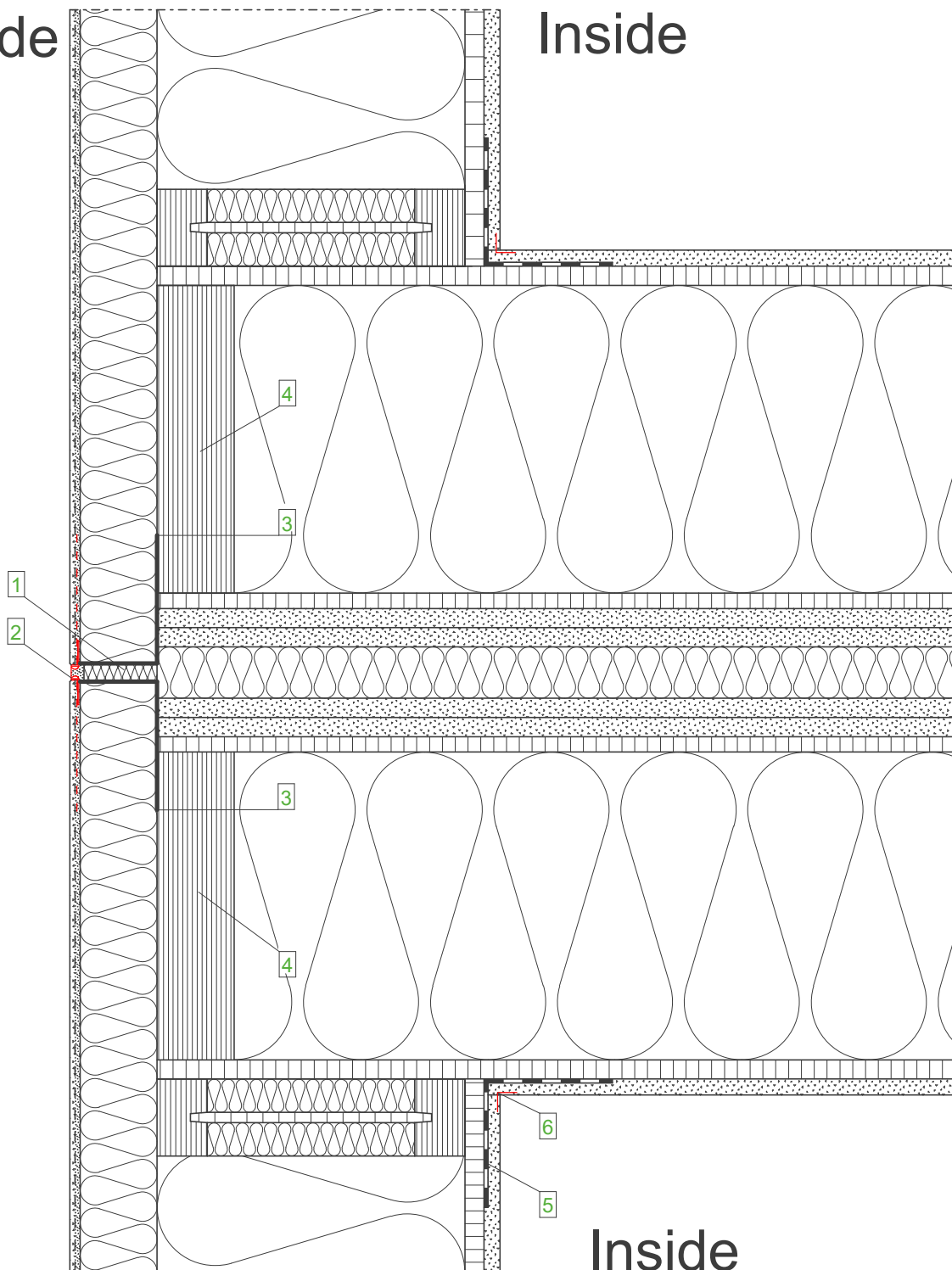
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Internal wall connection

Datum: 23.03.2015	Detailnummer: AW-WDVS-HRB-2-50	
Änderung: 23.08.2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0

Outside

Inside



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
STEICOProtect dry
(min. 60 mm)
- Approved plaster system
(mineral)

Building party wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell
- STEICO LVL
- Laminated Veneer Lumber
- OSB - 12 mm
- Plasterboard 6 KF 2 x 15 mm
- Non-combustible
insulating material
T > 1000 °C

Legend:

- | | |
|---|---|
| 1 | Non-combustible insulating material T > 1000 °C |
| 2 | STEICOsecure joint profile, up to 12mm flexible |
| 3 | Metal angles in accordance with wood fire protection manual |
| 4 | STEICO LVL Laminated Veneer Lumber |
| 5 | STEICOMulti tape |
| 6 | Paper joint re-inforcement band filled |

Important Note:

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External wall - Transitions - Building party wall, flash over zone

Datum: 23.03.2015

Detailnummer: AW-WDVS-HRB-2-60

Änderung: 23.08.2017

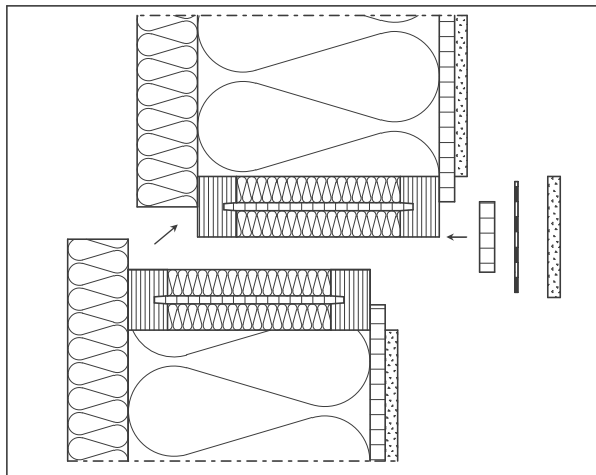
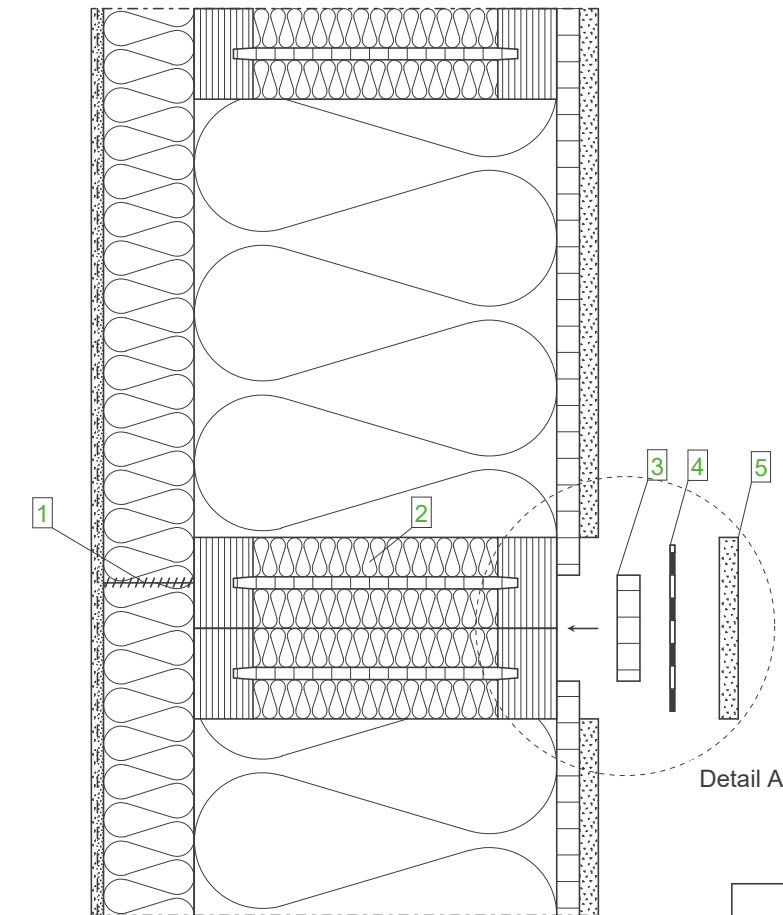
Bearbeiter: A. Luz

Maßstab: 1 : 5.0

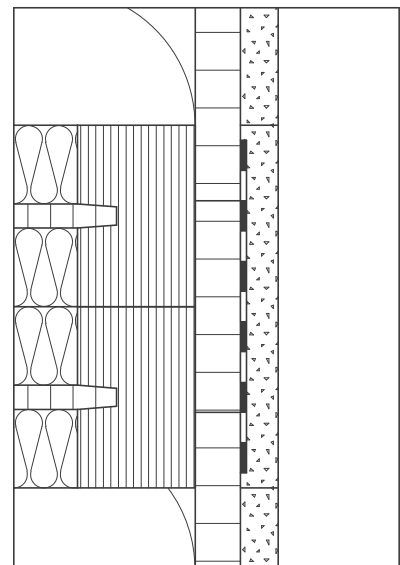
STEICO
natürlich besser dämmen

Outside

Inside



Mounting process, M 1:7.5



Detail A after mounting, M 1:2.5

External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Legend:

- | | |
|---|--|
| 1 | STEICOmultiply glueing |
| 2 | Web insulation |
| 3 | Connection plate of timber based panel product |
| 4 | STEICOmultiply tape |
| 5 | Plasterboard mounting cover |

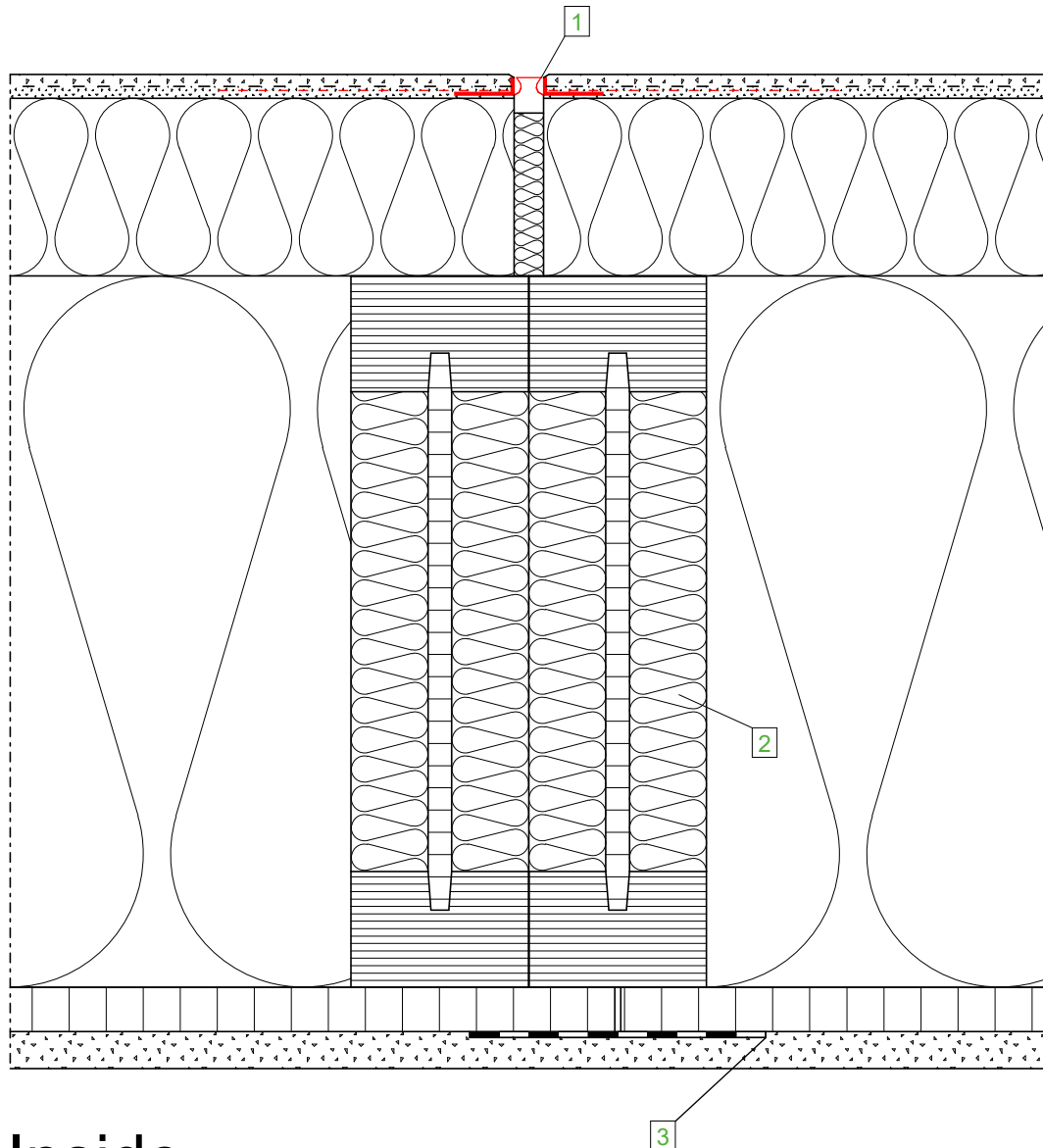
Important Note:

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External wall - Transitions - Element joint vertical

Datum: 23.03.2015	Detailnummer: AW-WDVS-HRB-2-90	
Änderung: 04.06.2019	Bearbeiter: A. Luz	Maßstab: 1 : 5.0

Outside



Inside

External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | STEICOsecure joint profile,
up to 12 mm flexible |
| 2 | Web insulation |
| 3 | STEICOMulti tape |

Important Note:

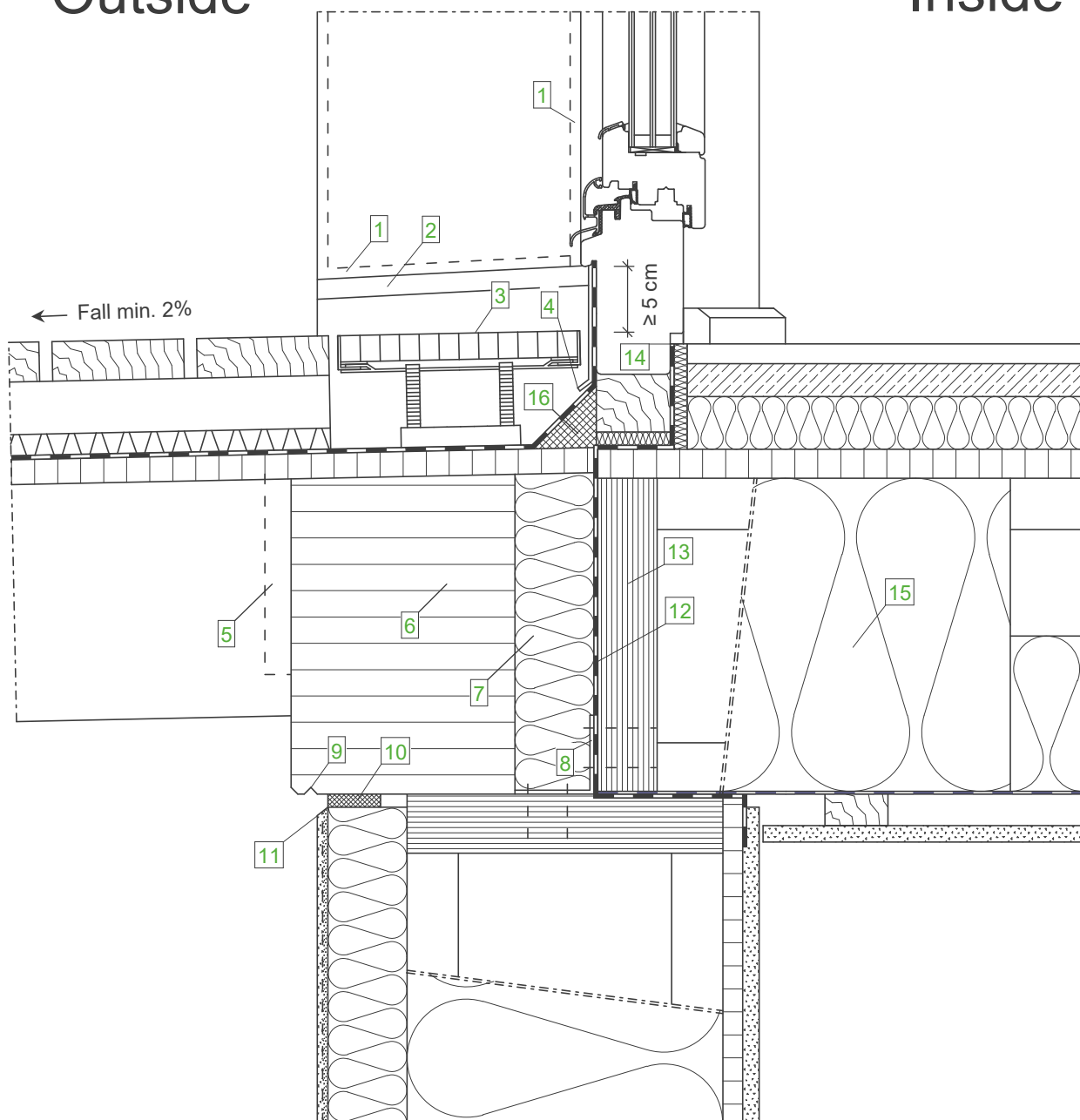
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Expansion joint

Datum: 23.03.2015	Detailnummer: AW-WDVS-HRB-2-100	
Änderung: 23.08.2017	Bearbeiter: A. Luz	Maßstab: 1 : 2.5

Outside

Inside



Balcony construction (from top to bottom)

- Wooden flooring 30 mm
- Support batten 40 mm
- Drainage mat
- EPDM- Sealing membrane
- Timber based panel product visible
- Joist location

Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Ceiling construction (from top to bottom)

- Floor covering
- Dry screed 25 mm
- STEICOtherm/ STEICObase 40 mm
- Timber based panel product (OSB)
- STEICOjoist + STEICOflex 120 mm
- Trickle protection
- Batten
- Plasterboard

Legend:

- | | |
|----|---|
| 1 | Joint sealing tape |
| 2 | Metal sheet upstand |
| 3 | Drainage channel cover, height adjustable |
| 4 | Protective plate in front of seal |
| 5 | Coated aluminium dovetail connector |
| 6 | Glulam rimboard |
| 7 | STEICOtherm as core insulation |
| 8 | Anchorage above angle connector |
| 9 | Drip edge |
| 10 | Joint sealing tape |
| 11 | Trowelled joist |
| 12 | Vapour barrier in connection areas |
| 13 | STEICO LVL Laminated Veneer Lumber |
| 14 | Airtight window installation (DIN 4108-7) |
| 15 | STEICOflex 240 mm in connection area |
| 16 | Insulation wedge |

Important Note:

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External wall - Transitions - Balcony, integrated balcony in ETICS

Datum: 02.04.2015

Detailnummer: AW-WDVS-HRB-2-110

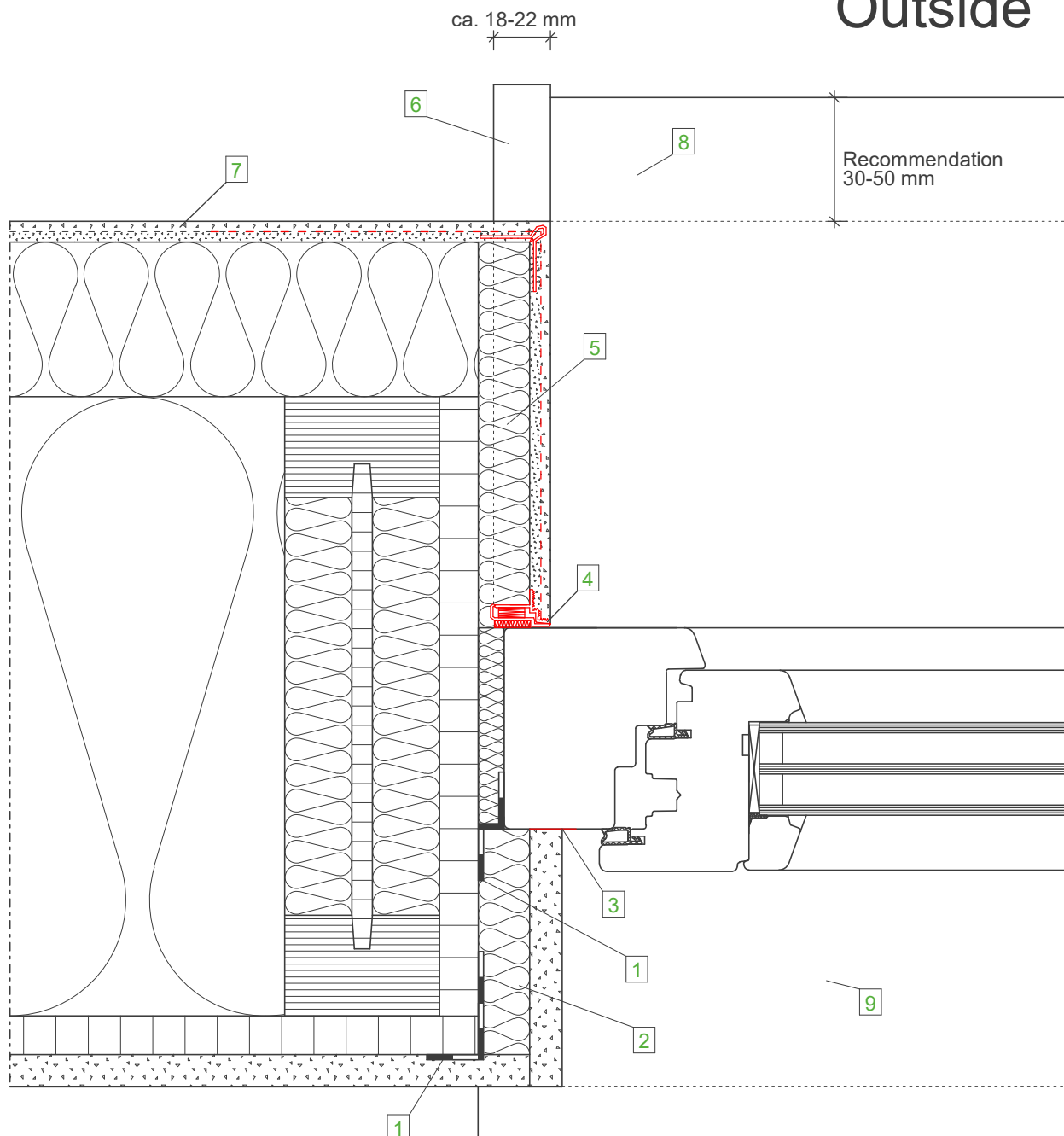
Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | STEICOmultip tape |
| 2 | STEICObase |
| 3 | Seperating strips |
| 4 | AN 100 mesh profile for plastering over |
| 5 | STEICOProtect H reveal board 20 mm |
| 6 | End profile for ETICS suitable |
| 7 | Surface mesh |
| 8 | Aluminium window sill |
| 9 | Window sill inside |

Inside

Important Note:

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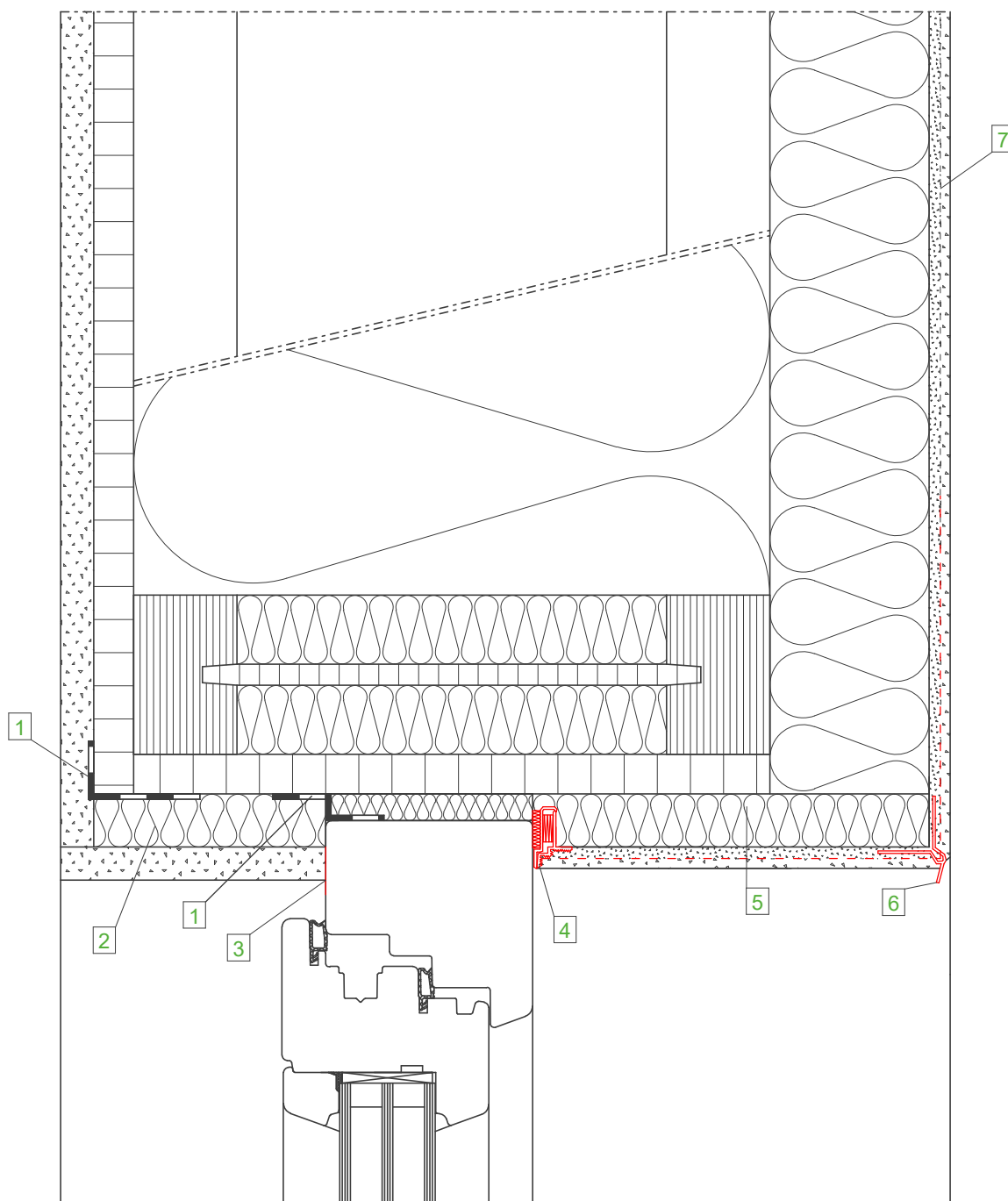
Window - Side connection with reveal board, horizontal section

Datum: 06.03.2015	Detailnummer: AW-WDVS-HRB-3-10
Änderung: 28.05.2019	Bearbeiter: A. Luz
	Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | STEICOmultip tape |
| 2 | STEICObase |
| 3 | Separating strips |
| 4 | AN 100 mesh profile for plastering over |
| 5 | STEICOProtect H reveal board 20 mm |
| 6 | Drip edge profile |
| 7 | Surface mesh |

Important Note:

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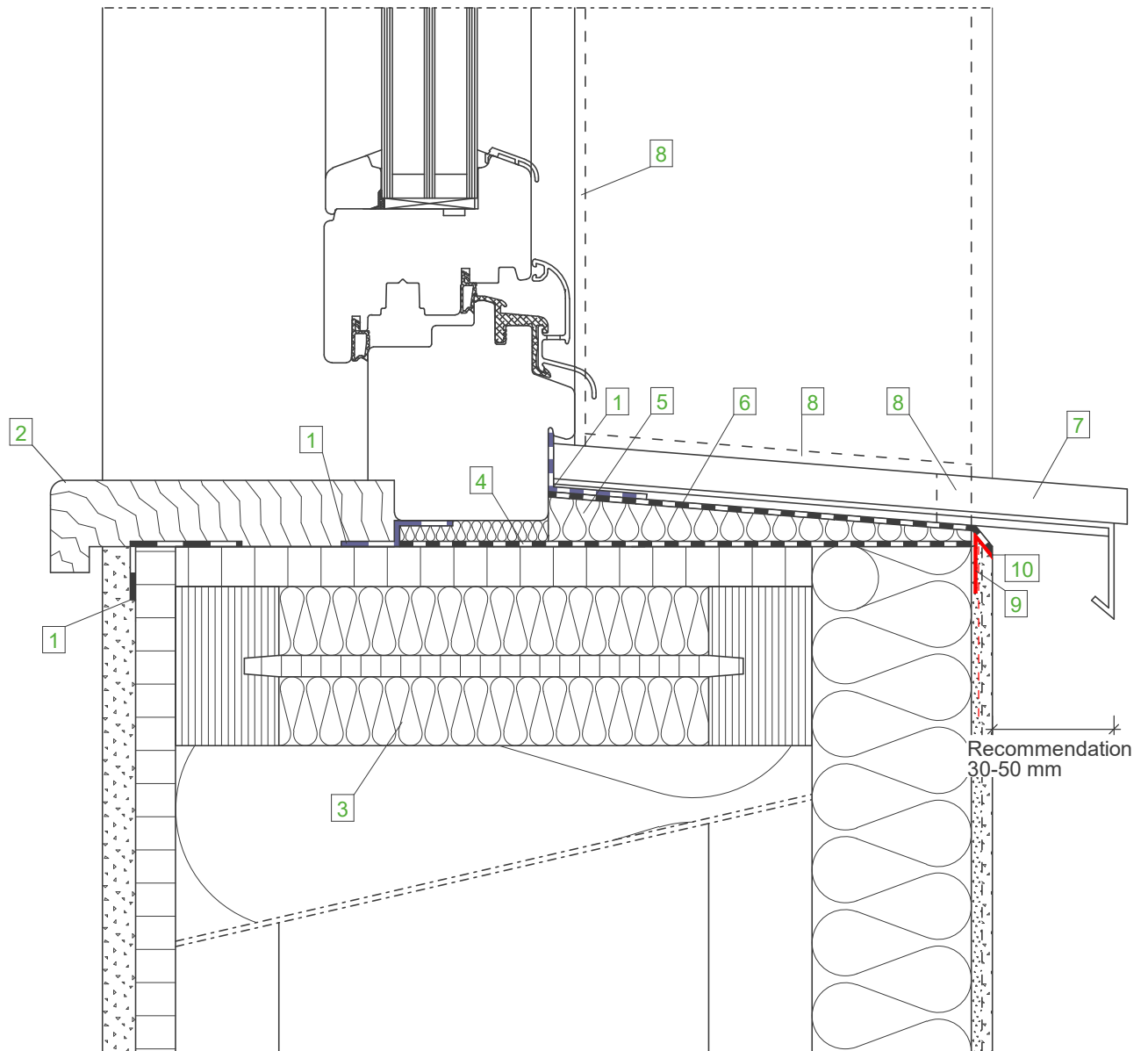
Window - Upper connection with reveal board, vertical section

Datum: 11.03.2015	Detailnummer: AW-WDVS-HRB-3-20	
Änderung: 28.05.2019	Bearbeiter: A. Luz	Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | STEICOmuli tape |
| 2 | Window sill inside |
| 3 | Web insulation |
| 4 | STEICOmuli UDB |
| 5 | STEICOfix wood fibre insulation fillet |
| 6 | Bonded membrane on insulation fillet |
| 7 | Aluminium window sill |
| 8 | Joint sealing tape |
| 9 | Parapet profile |
| 10 | STEICOmuli fill glueing |

Important Note:

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Window - Bottom connection with reveal board, vertical section

Datum: 12.03.2015

Detailnummer: AW-WDVS-HRB-3-30

Änderung: 23.08.2017

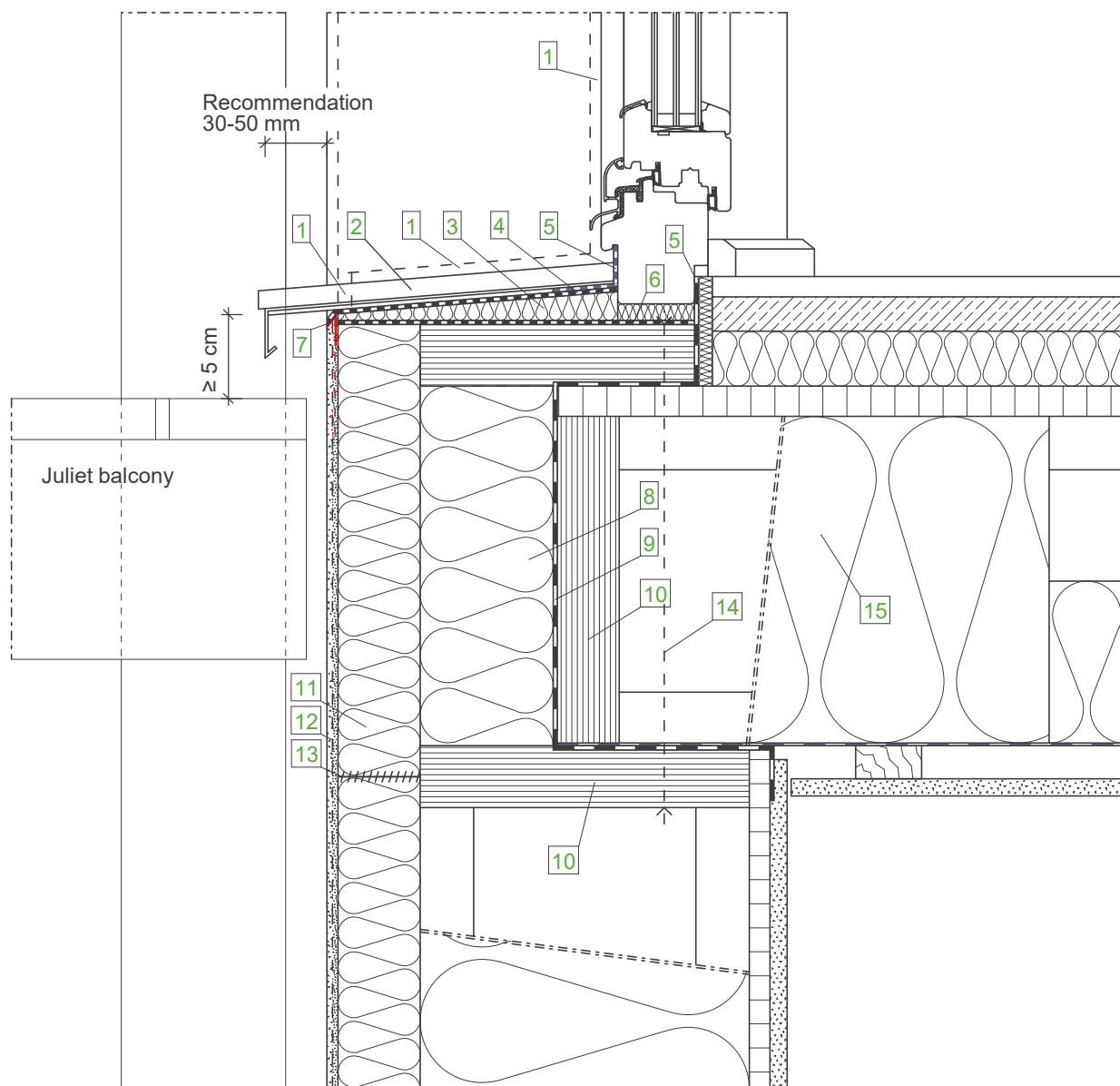
Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Outside

Inside



Note:

To position 11:
The so-called "fiber" belt is inserted exact on site.
The board joint should be sanded after installation.

Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Ceiling construction (from top to bottom)

- Floor covering
- Dry screed 25 mm
- STEICOtherm/
- STEICObase 40 mm
- Timber based panel product (OSB)
- STEICOjoist
- + STEICOflex 120 mm
- Trickle protection
- Batten
- Plasterboard

Legend:

- | | |
|----|--|
| 1 | Joint sealing tape |
| 2 | Aluminium window sill |
| 3 | STEICOfix wood fibre insulation fillet |
| 4 | Bonded membrane on insulation fillet |
| 5 | STEICOMulti tape |
| 6 | Airtight window installation (DIN 4108-7) |
| 7 | STEICOMulti UDB |
| 8 | Parapet profile |
| 9 | STEICOtherm as edge side insulation |
| 10 | Vapour barrier in connection areas |
| 11 | STEICO LVL Laminated Veneer Lumber |
| 12 | STEICOProtect/ STEICOProtect dry fitting piece, adjusted on site |
| 13 | Additional mesh tape with sufficient coverage to ensure surface re-inforcement |
| 14 | STEICOMulti fill |
| 15 | Tension and compression resistant connection (to structural requirements) |
| | STEICOflex 240 mm in connection area |

Important Note:

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Doors - Vertical section with reveal board - Level threshold

Datum: 02.04.2015

Detailnummer: AW-WDVS-HRB-3-40

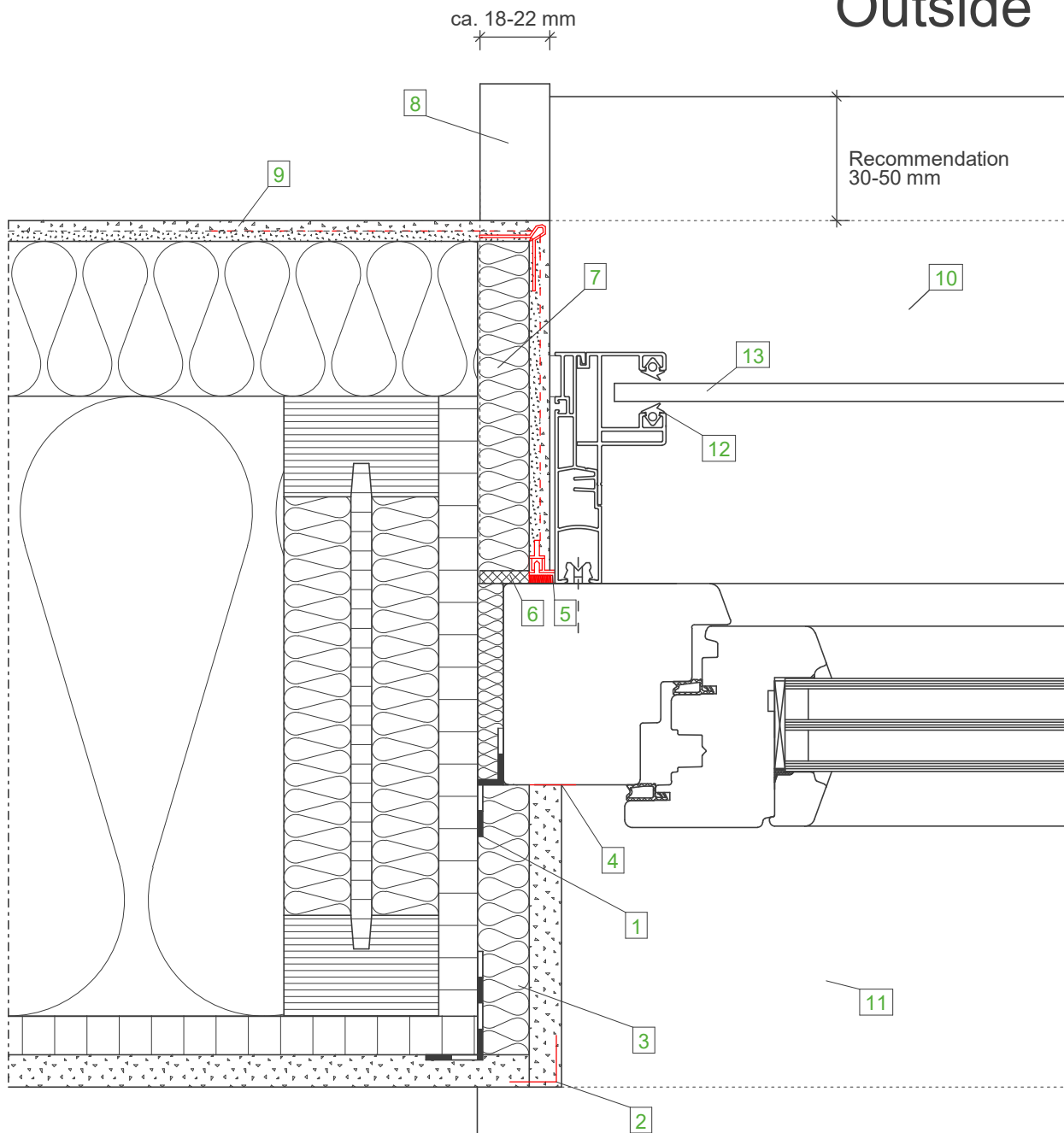
Änderung: 11.06.2019

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Corner angle |
| 3 | STEICObase |
| 4 | Separating strips |
| 5 | Clean finish render stop bead |
| 6 | Joint sealing tape |
| 7 | STEICOprotect H reveal board |
| 8 | End profile for ETICS suitable |
| 9 | Surface mesh |
| 10 | Aluminium window sill |
| 11 | Window sill inside |
| 12 | Roller blind guide rail |
| 13 | Reinforced rollerblind |

Inside

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roller blind - Window - Horizontal section with reveal board

Datum: 06.03.2015

Detailnummer: AW-WDVS-HRB-4-10

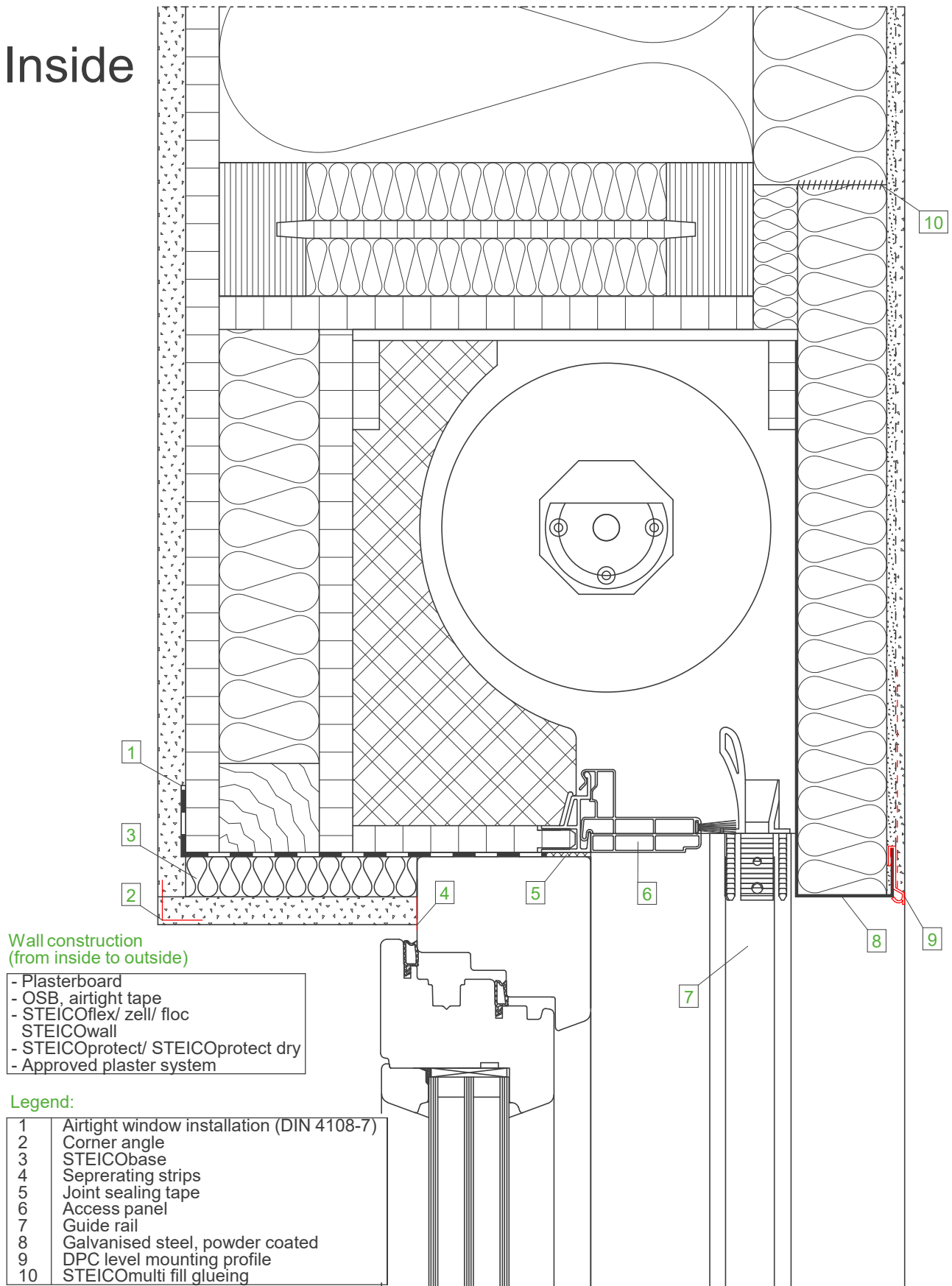
Änderung: 28.05.2019

Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside



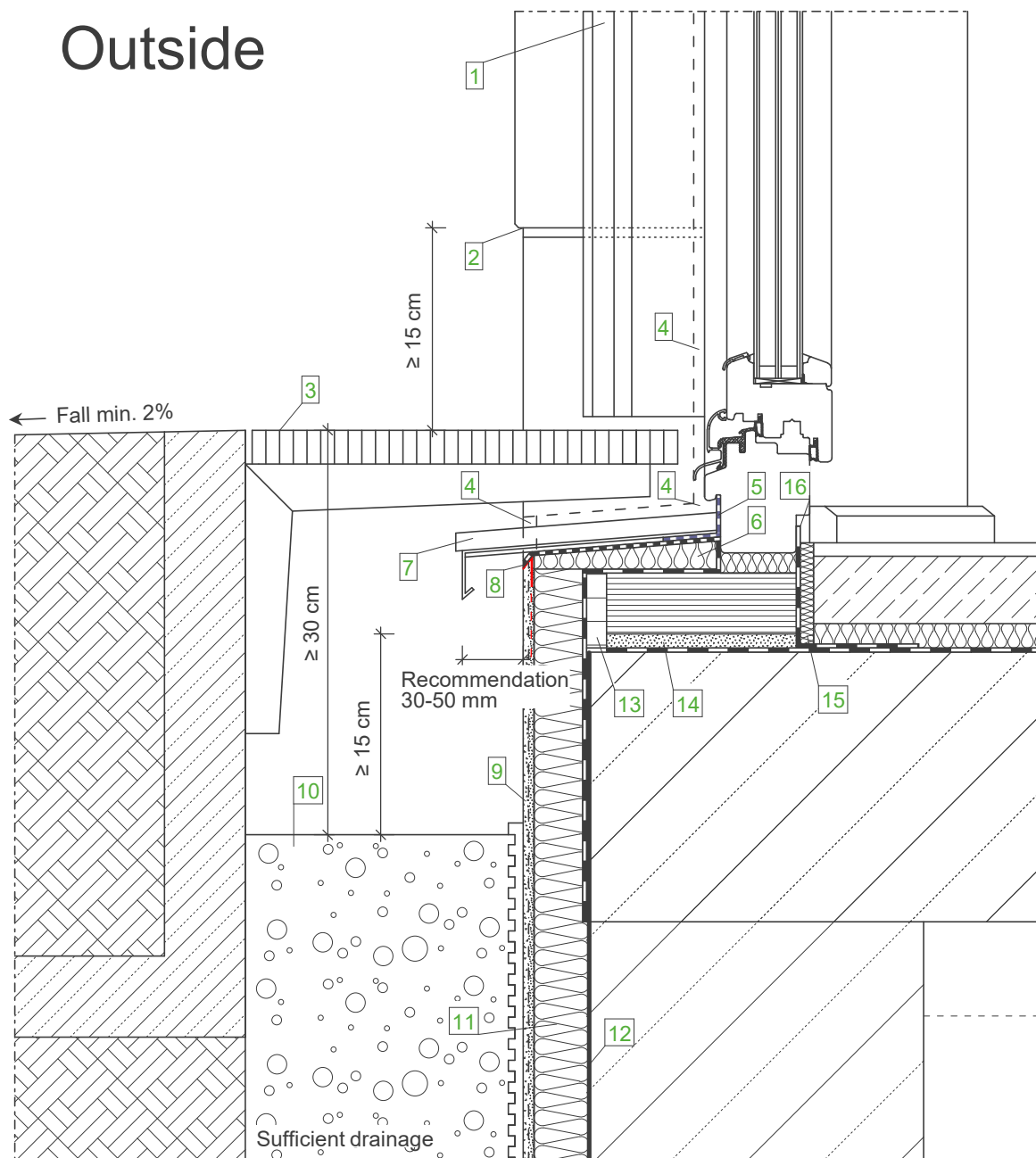
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roller blind - Window - Upper connection, vertical section

Datum: 12.03.2015	Detailnummer: AW-WDVS-HRB-4-20
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 2.5

Outside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | Roller blind guide rail |
| 2 | DPC edge profile, change of material
see Detail AW-WDVS-HRB-1-40 |
| 3 | Grating |
| 4 | Joint sealing tape |
| 5 | Sealing in accordance with DIN 18195 |
| 6 | Building weathering protection
STEICOfix insulation fillet |
| 7 | Aluminium window sill |
| 8 | Parapet profile |
| 9 | Below DPC render in accordance with render recommendation
in ground environment with flexible, mineral render sealing |
| 10 | Gravel bed, grain size min. 16/32 mm |
| 11 | Perimeter insulation |
| 12 | Building weathering protection, min. 15 cm above ground level |
| 13 | Cement bounded board |
| 14 | Swelling mortar |
| 15 | STEICOsoundstrip |
| 16 | Airtight window installation (DIN 4108-7) |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roller blind - Doors - Vertical section with reveal board - Level threshold

Datum: 12.03.2015

Detailnummer: AW-WDVS-HRB-4-30

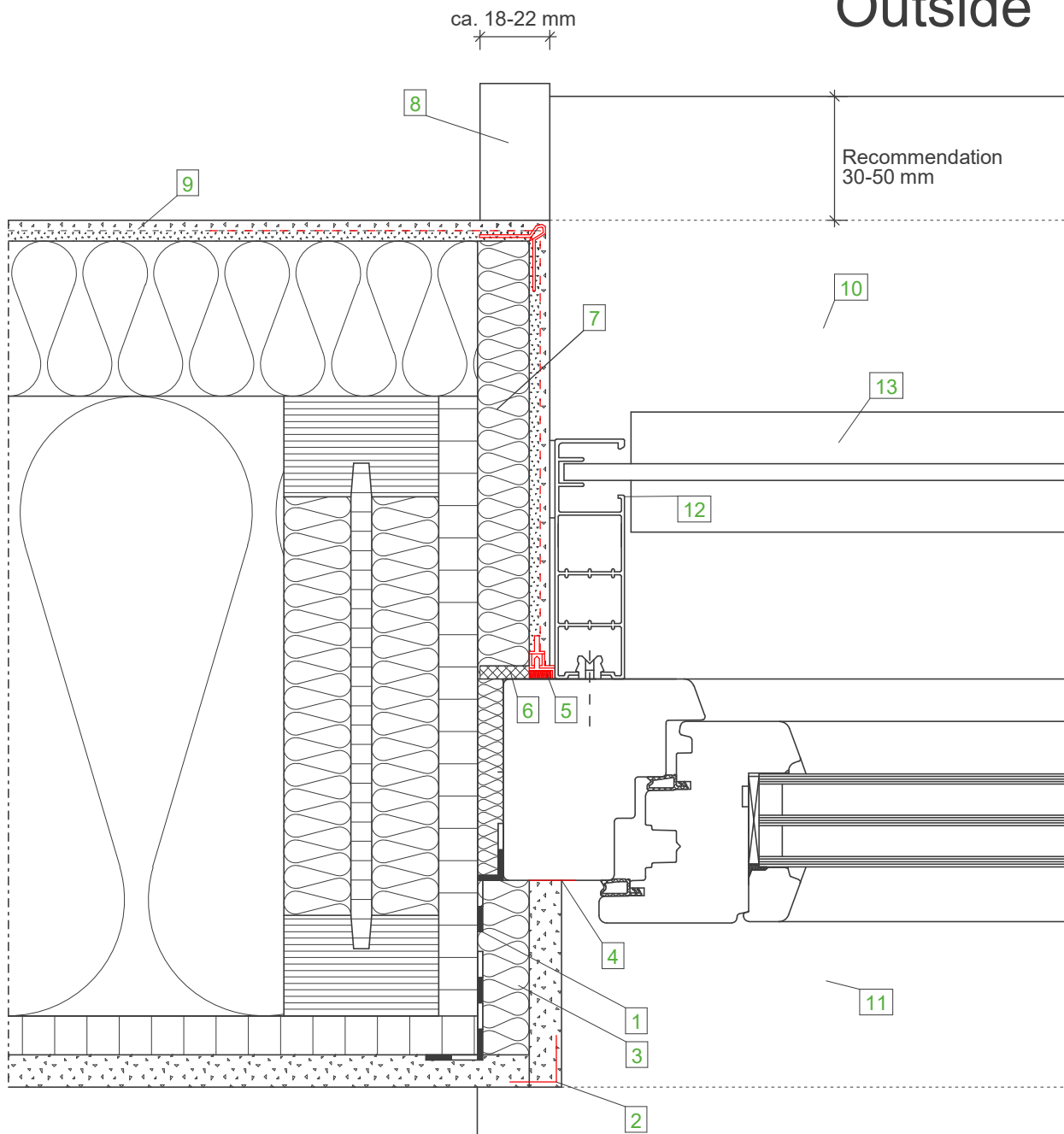
Änderung: 11.06.2019

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Corner angle |
| 3 | STEICObase |
| 4 | Separating strips |
| 5 | Clean finish render stop bead |
| 6 | Joint sealing tape |
| 7 | STEICOprotect H reveal board |
| 8 | End profile for ETICS suitable |
| 9 | Surface mesh |
| 10 | Aluminium window sill |
| 11 | Window sill inside |
| 12 | Raffstore- guide rail |
| 13 | Raffstore- lamella |

Inside

Important Note:

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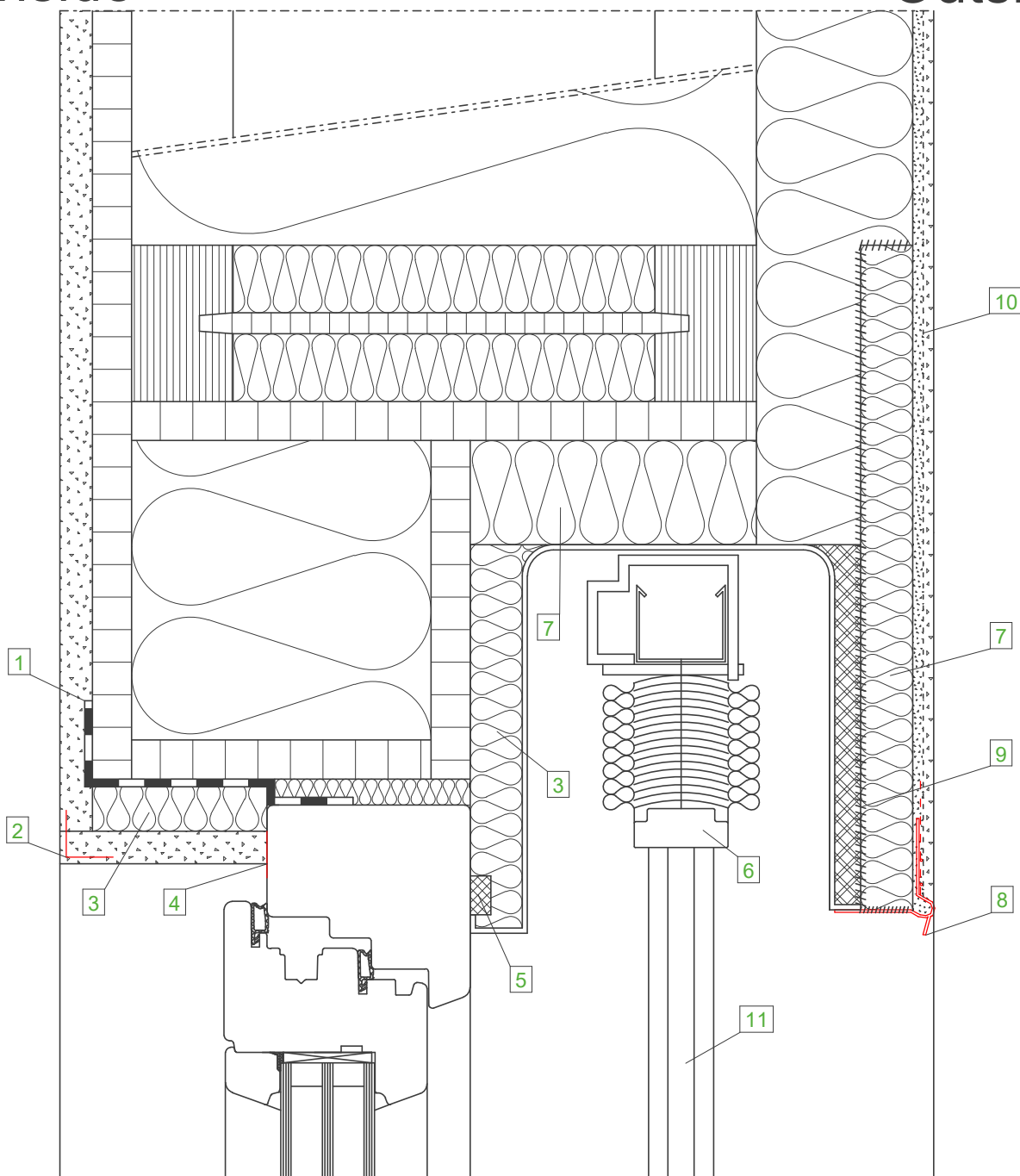
Raffstore - Window - Horizontal section with reveal board

Datum: 06.03.2015	Detailnummer: AW-WDVS-HRB-5-10	
Änderung: 28.05.2019	Bearbeiter: A. Luz	Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOPROTECT/ STEICOPROTECT dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Corner angle |
| 3 | STEICObase |
| 4 | Separating strips |
| 5 | Joint sealing tape |
| 6 | Raffstore |
| 7 | STEICOPROTECT H reveal board |
| 8 | DPC edge profile |
| 9 | STEICOMulti fill glueing |
| 10 | Surface mesh |
| 11 | Raffstore-guide rail |

Important Note:

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Raffstore - Window - Upper connection with reveal board, vertical section

Datum: 12.03.2015

Detailnummer: AW-WDVS-HRB-5-20

Änderung: 23.08.2017

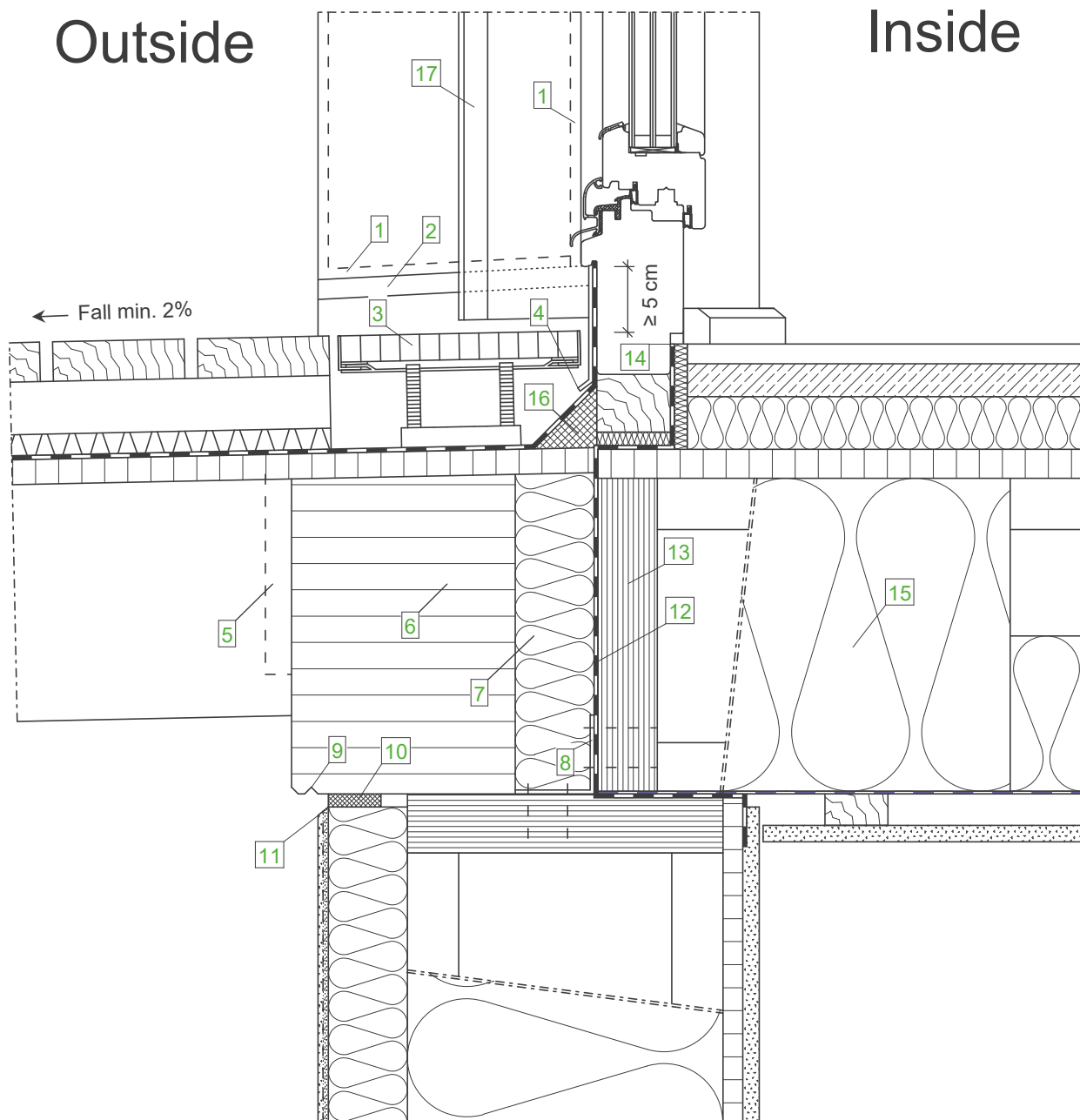
Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Outside

Inside



Balcony construction (from top to bottom)

- Wooden flooring 30 mm
- Support batten 40 mm
- Drainage mat
- EPDM membrane
- Timber based panel product visible
- Joist location

Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICoprotect/ STEICoprotect dry
- Approved plaster system

Ceiling construction (from top to bottom)

- Floor covering
- Dry screed 25 mm
- STEICOtherm/ STEICObase 40 mm
- Timber based panel product (OSB)
- STEICOjoist + STEICOflex 120 mm
- Trickle protection
- Batten
- Plasterboard

Legend:

- | | |
|----|---|
| 1 | Joint sealing tape |
| 2 | Metal sheet upstand |
| 3 | Drainage channel cover, height adjustable |
| 4 | Protective plate in front of seal |
| 5 | Coated aluminium dovetail connector |
| 6 | Glulam rimboard |
| 7 | STEICOtherm as core insulation |
| 8 | Anchorage above angle connector |
| 9 | Drip edge |
| 10 | Joint sealing tape |
| 11 | Trowelled joist |
| 12 | Vapour barrier in connection areas |
| 13 | STEICO LVL Laminated Veneer Lumber |
| 14 | Airtight window installation (DIN 4108-7) |
| 15 | STEICOflex 240 mm in connection area |
| 16 | Insulation wedge |
| 17 | Raffstore- guide rail |

Important Note:

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Raffstore - Doors - Vertical section with reveal board - Level threshold (balcony)

Datum: 02.04.2015

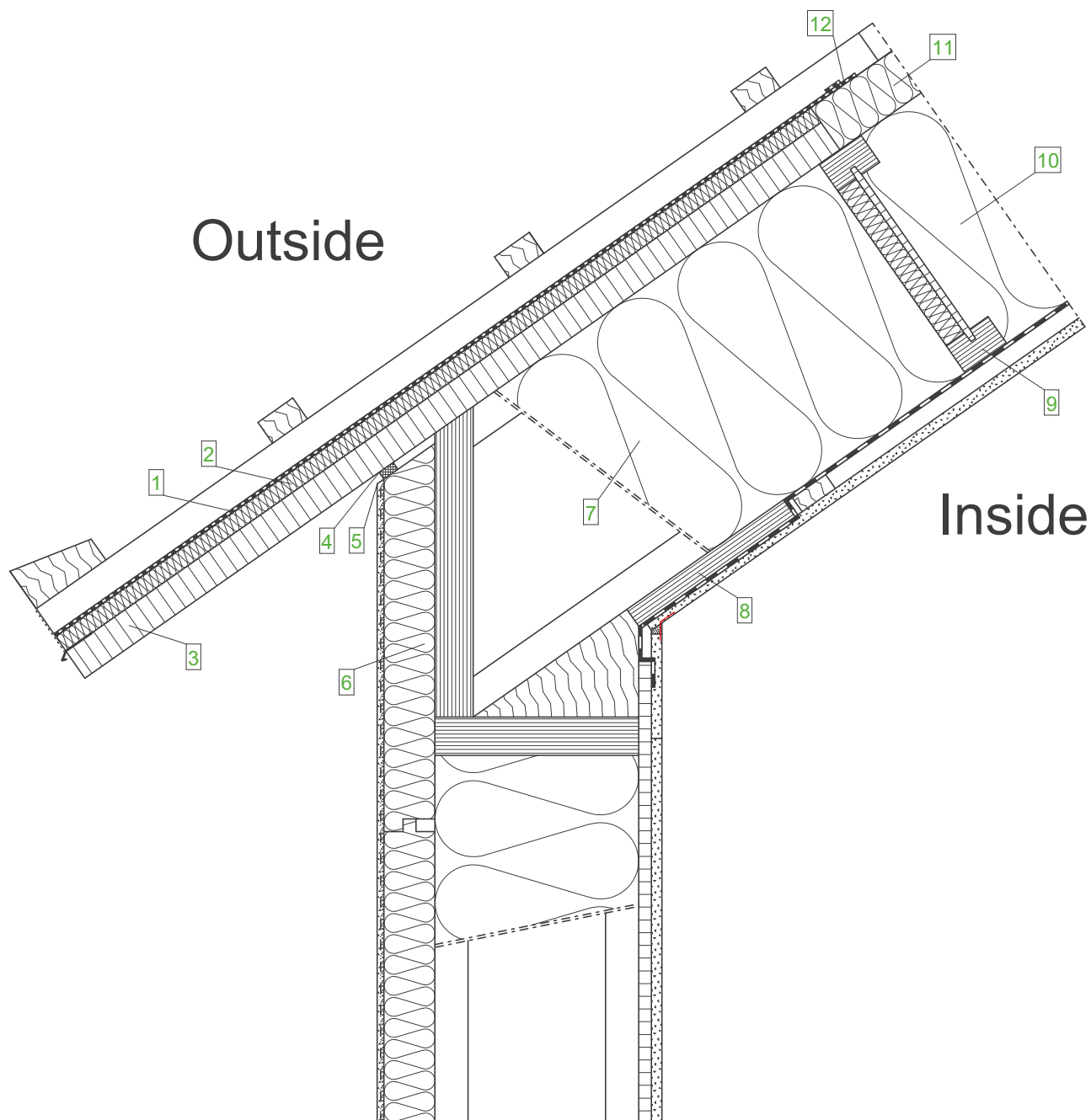
Detailnummer: AW-WDVS-HRB-5-30

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/
- STEICOprotect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | STEICOmultip UDB (only in eaves zone) |
| 2 | STEICOuniversal 22 mm, assembled on site |
| 3 | STEICO LVL-X 39 mm with surface treatment, on site fitted projecting roof board |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOprotect/ STEICOprotect dry, adjusted on site |
| 7 | STEICOflex in assembled frame |
| 8 | STEICO LVL X sheat cleat |
| 9 | I-Joist as studs |
| 10 | STEICOflex/ zell/ floc in insulation zone |
| 11 | STEICOuniversal 60 mm, factory assembled |
| 12 | STEICOmultip tape + STEICOmultip primer |

Important Note:

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Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)

Datum: 02.04.2015

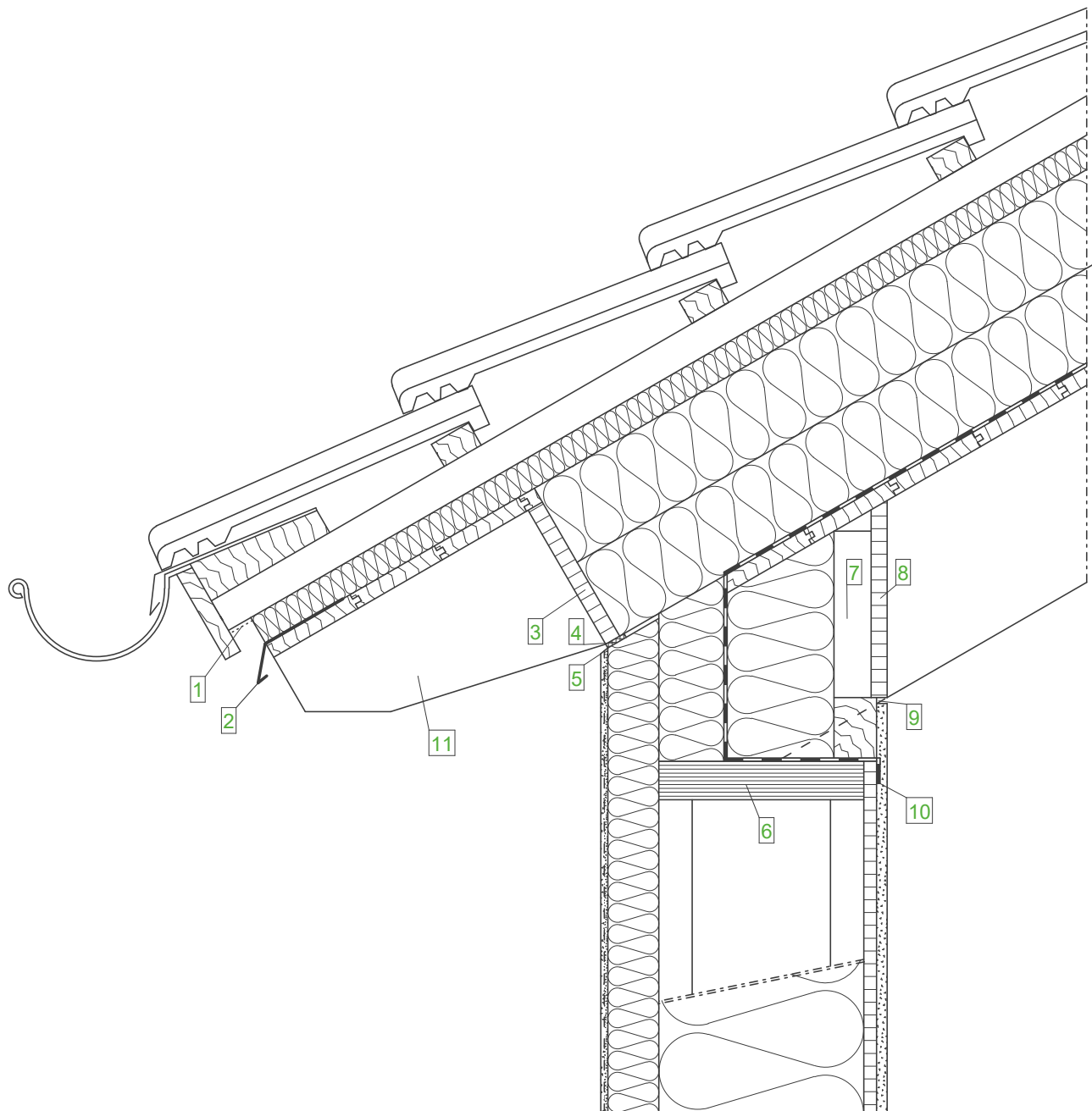
Detailnummer: AW-WDVS-HRB-6-10

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOuniversal
- (below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panel (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Angled timber for connecting the blocking panel |
| 8 | Blocking panel on room side |
| 9 | Shadow joint |
| 10 | STEICOMulti tape |
| 11 | Tilting fillet |

Important Note:

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Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels

Datum: 02.04.2015

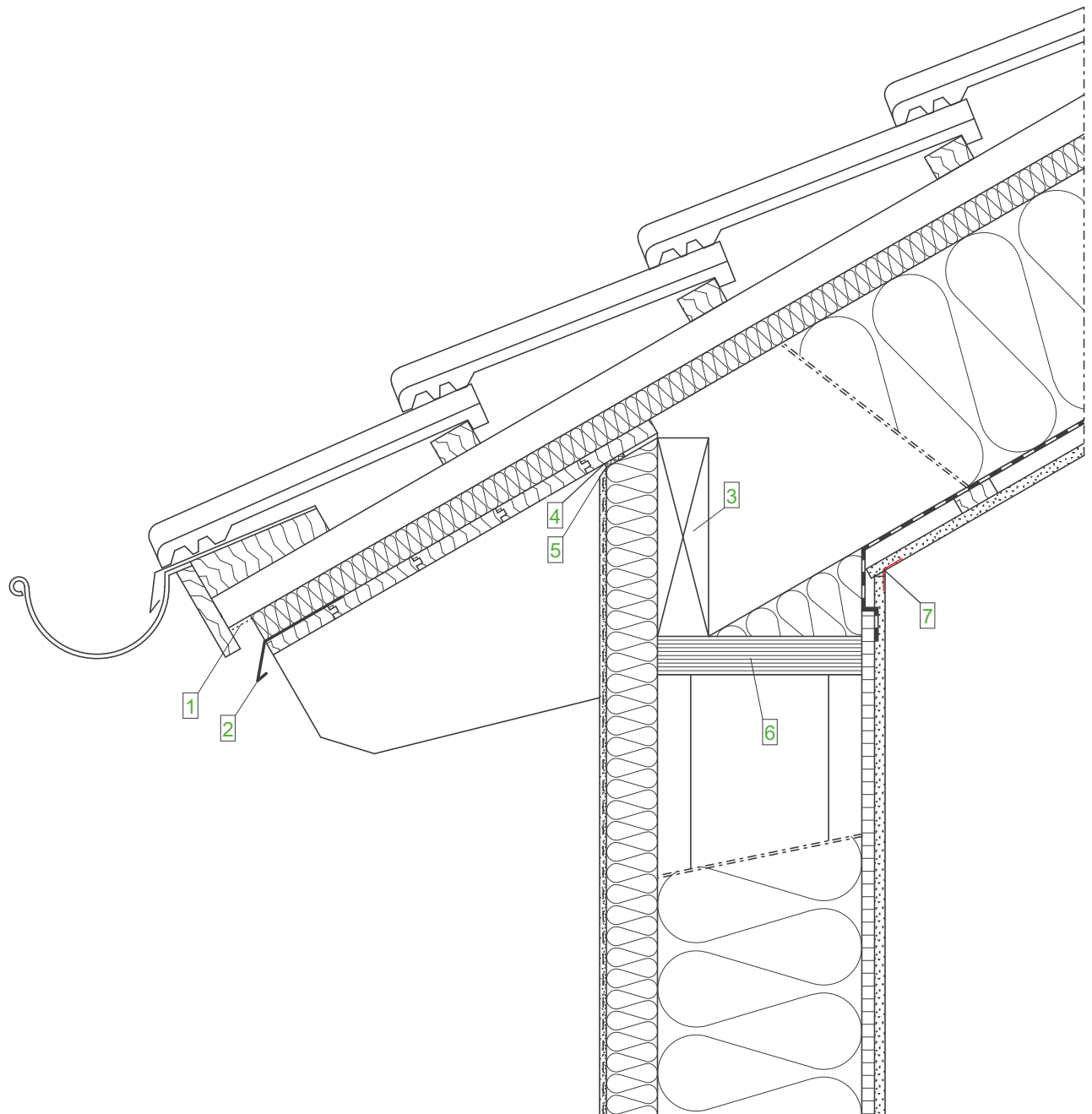
Detailnummer: AW-WDVS-HRB-6-20

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- Solid wood rafter (Glulam)
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking between the rafters |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Paper joint re-inforcement band filled |

Important Note:

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Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter

Datum: 02.04.2015

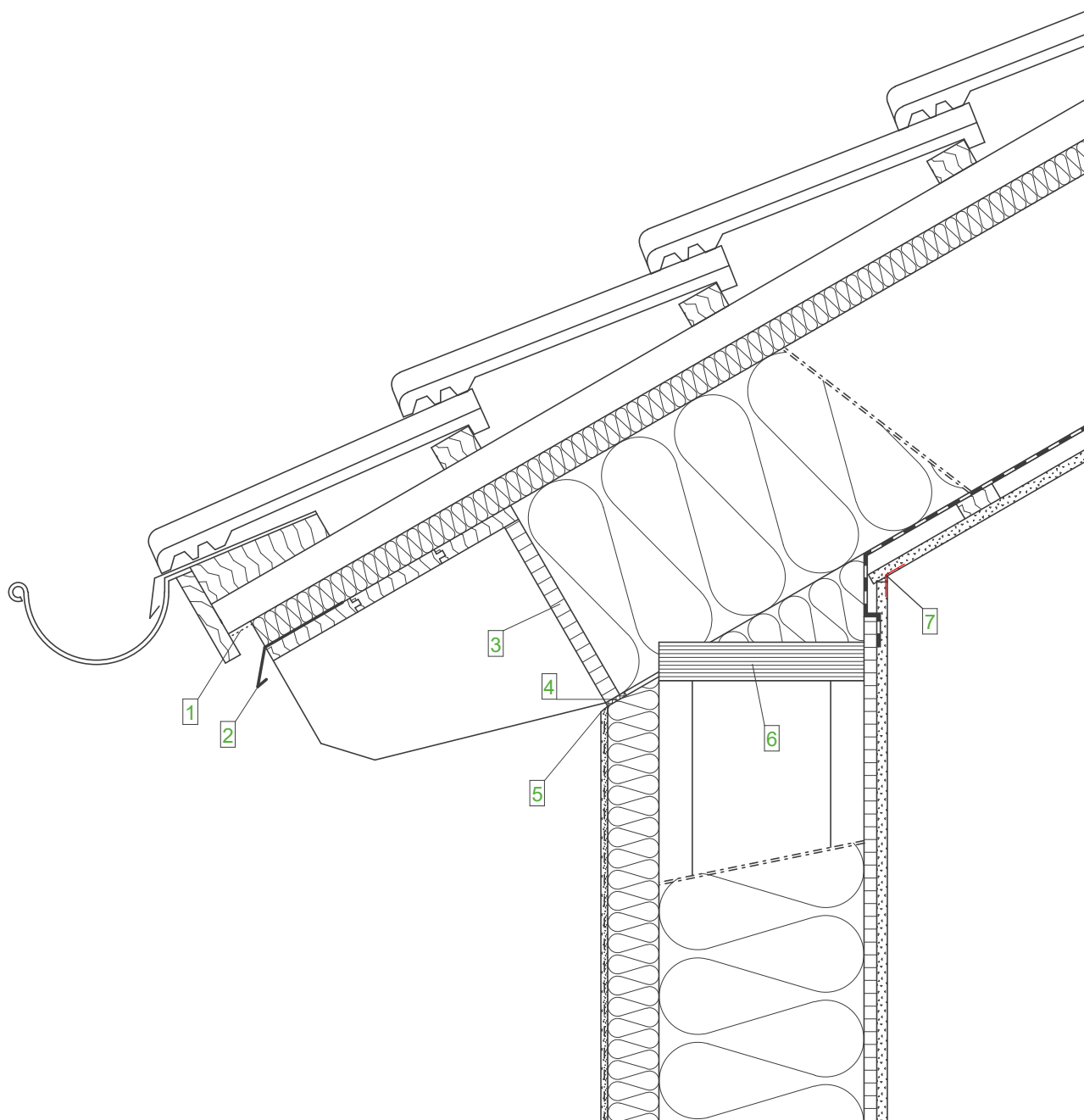
Detailnummer: AW-WDVS-HRB-6-30

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- Solid wood rafter (Glulam)
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Paper joint re-inforcement band fill |

Important Note:

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Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02.04.2015

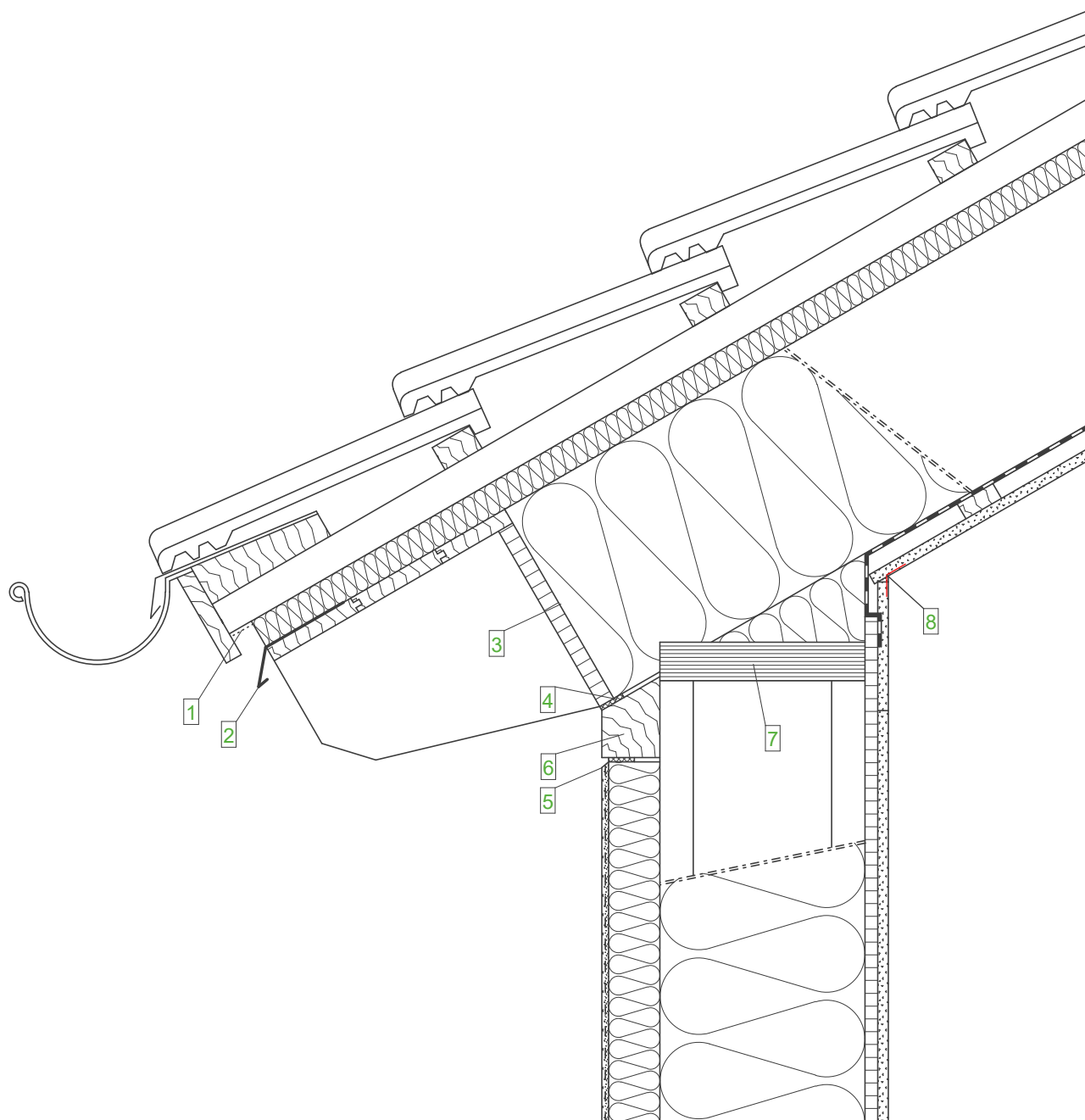
Detailnummer: AW-WDVS-HRB-6-40

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- Solid wood rafter (Glulam)
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | End timber |
| 7 | STEICO LVL Laminated Veneer Lumber |
| 8 | Paper joint re-inforcement band fill |

Important Note:

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Roof - Transitions - Eaves, with end timber (element assembly)

Datum: 02.04.2015

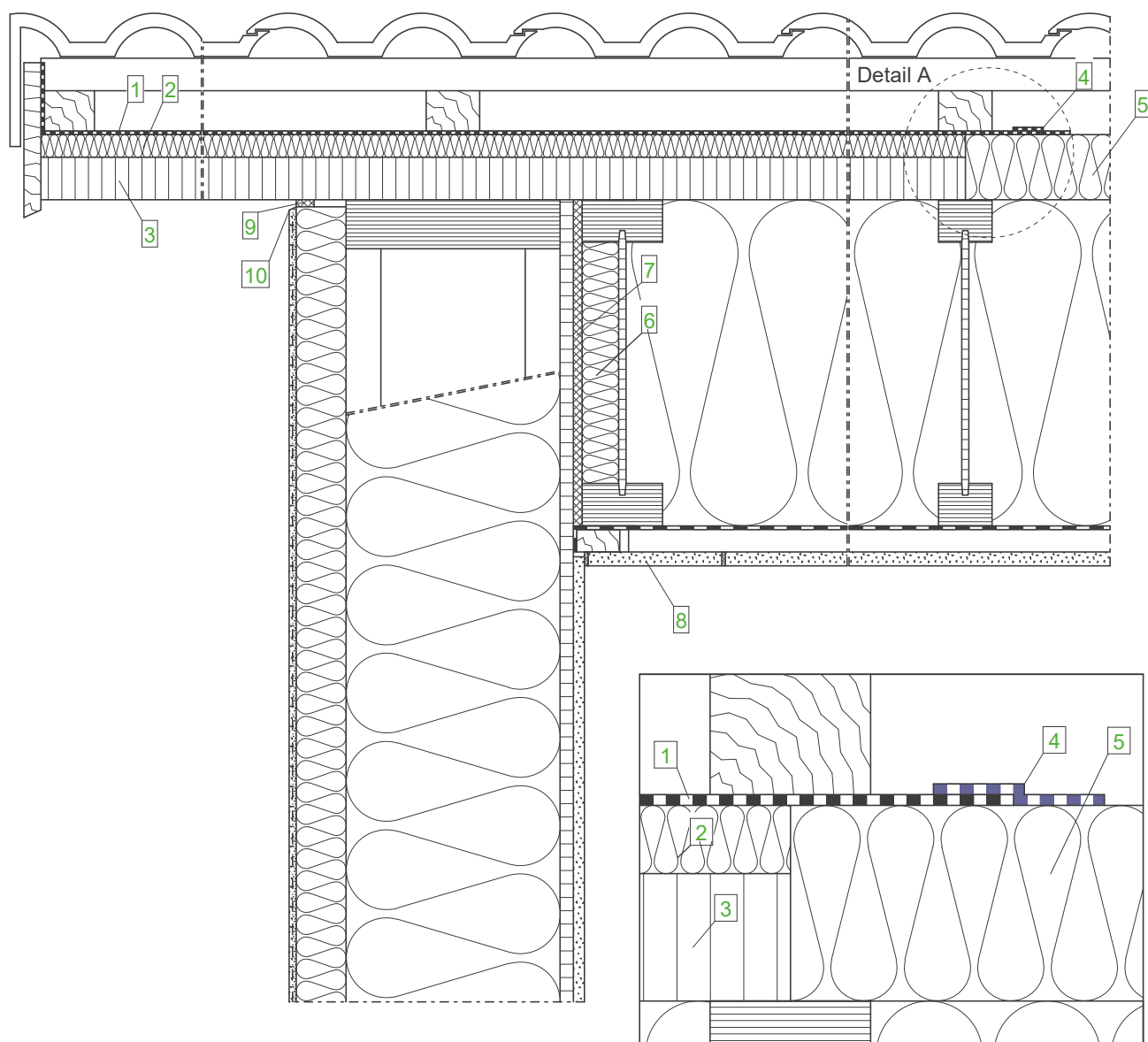
Detailnummer: AW-WDVS-HRB-6-50

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



Detail A, M 1:2,5

External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOp Protect/ STEICOp Protect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | STEICOmultip UDB (only in verge area) |
| 2 | STEICOuniversal 22 mm |
| 3 | STEICO LVL-X 39 mm with surface treatment |
| 4 | STEICOmultip tape + STEICOmultip primer |
| 5 | STEICOuniversal 60 mm on the roof surface |
| 6 | Web insulation |
| 7 | Compressible insulation at connection |
| 8 | Mounting cover |
| 9 | Joint sealing tape |
| 10 | Trowelled joist |

Important Note:

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Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)

Datum: 02.04.2015

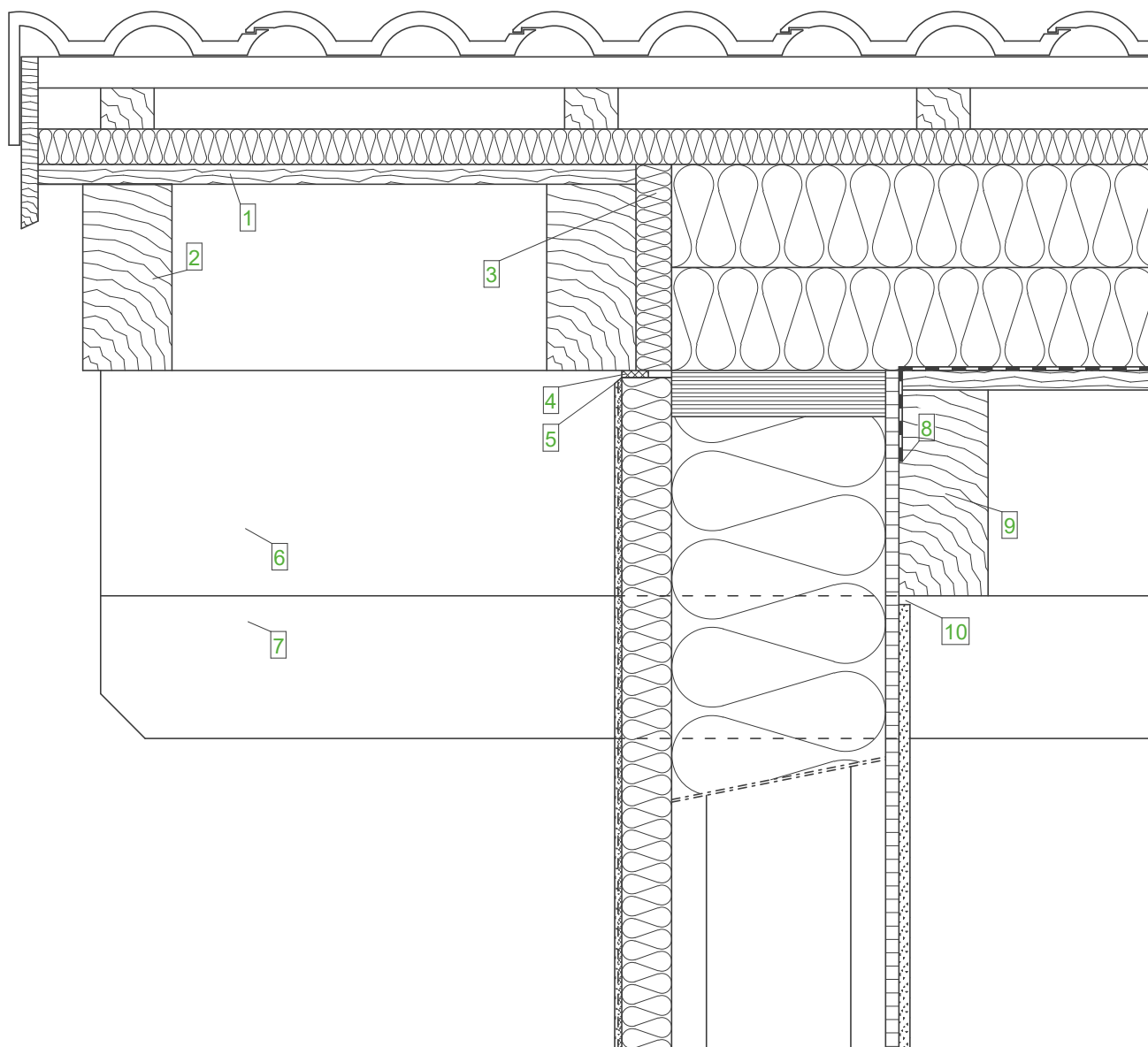
Detailnummer: AW-WDVS-HRB-6-60

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

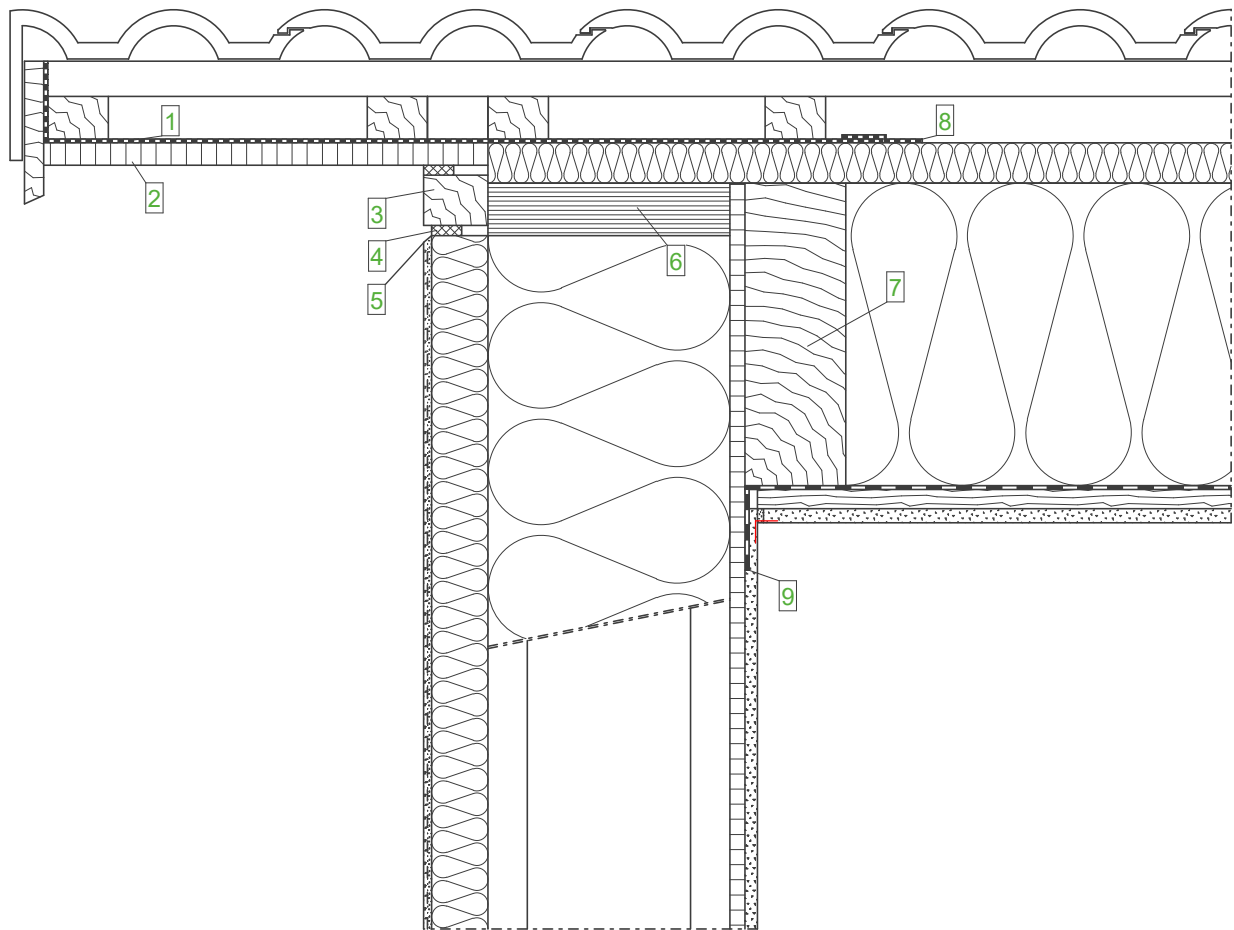
- | | |
|----|--|
| 1 | Visible verge sheathing |
| 2 | Visible projecting roof rafter |
| 3 | End of insulation layer, windproofness |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Purlin doubling |
| 7 | Purlin |
| 8 | STEICOMulti tape |
| 9 | Visible rafter |
| 10 | Shadow joint |

Important Note:

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Roof - Transitions - Verge, visible projecting roof rafter, above rafter insulation

Datum: 02.04.2015	Detailnummer: AW-WDVS-HRB-6-70
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 7.5



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/
- STEICOprotect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- Solid wood rafter (Glulam)
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | Visible soffit board |
| 3 | End timber |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Solid wood rafter or optional STEICOjoist |
| 8 | STEICOMulti tape + STEICOMulti primer |
| 9 | STEICOMulti tape |

Important Note:

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Roof - Transitions - Verge, with end timber (element assembly)

Datum: 02.04.2015

Detailnummer: AW-WDVS-HRB-6-80

Änderung: 23.08.2017

Bearbeiter: A. Luz

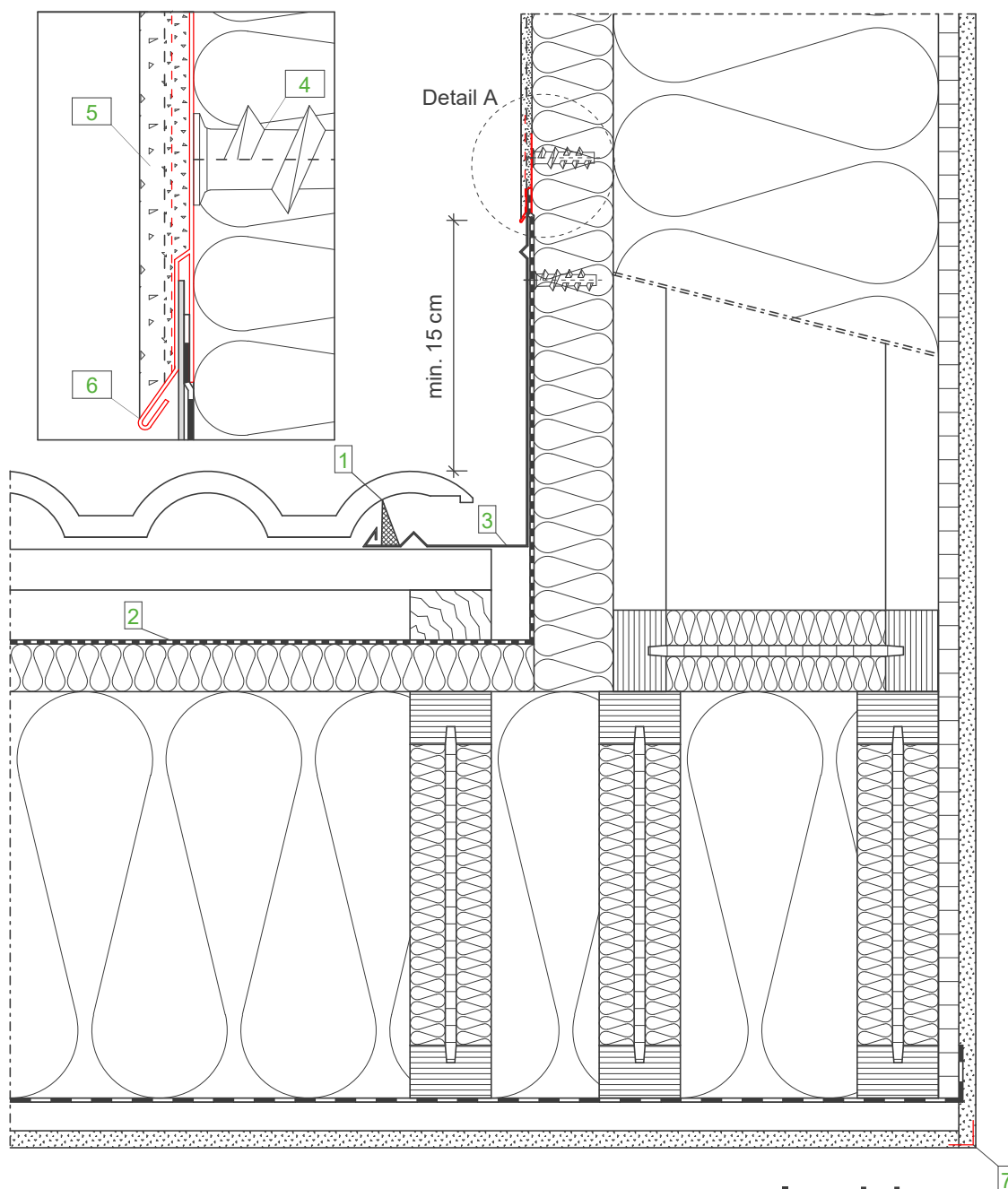
Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen

Detail A, M 1:1

Outside

Inside



Wall construction (Gable) (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Foam wedge |
| 2 | Taping, roofing felt in connection area |
| 3 | Metal sheet as gutter |
| 4 | Screw plug |
| 5 | Re-inforced render including mesh with water repellent highly cured, cementitious tanking membrane |
| 6 | Metal connection profile |
| 7 | Corner angle |

Important Note:

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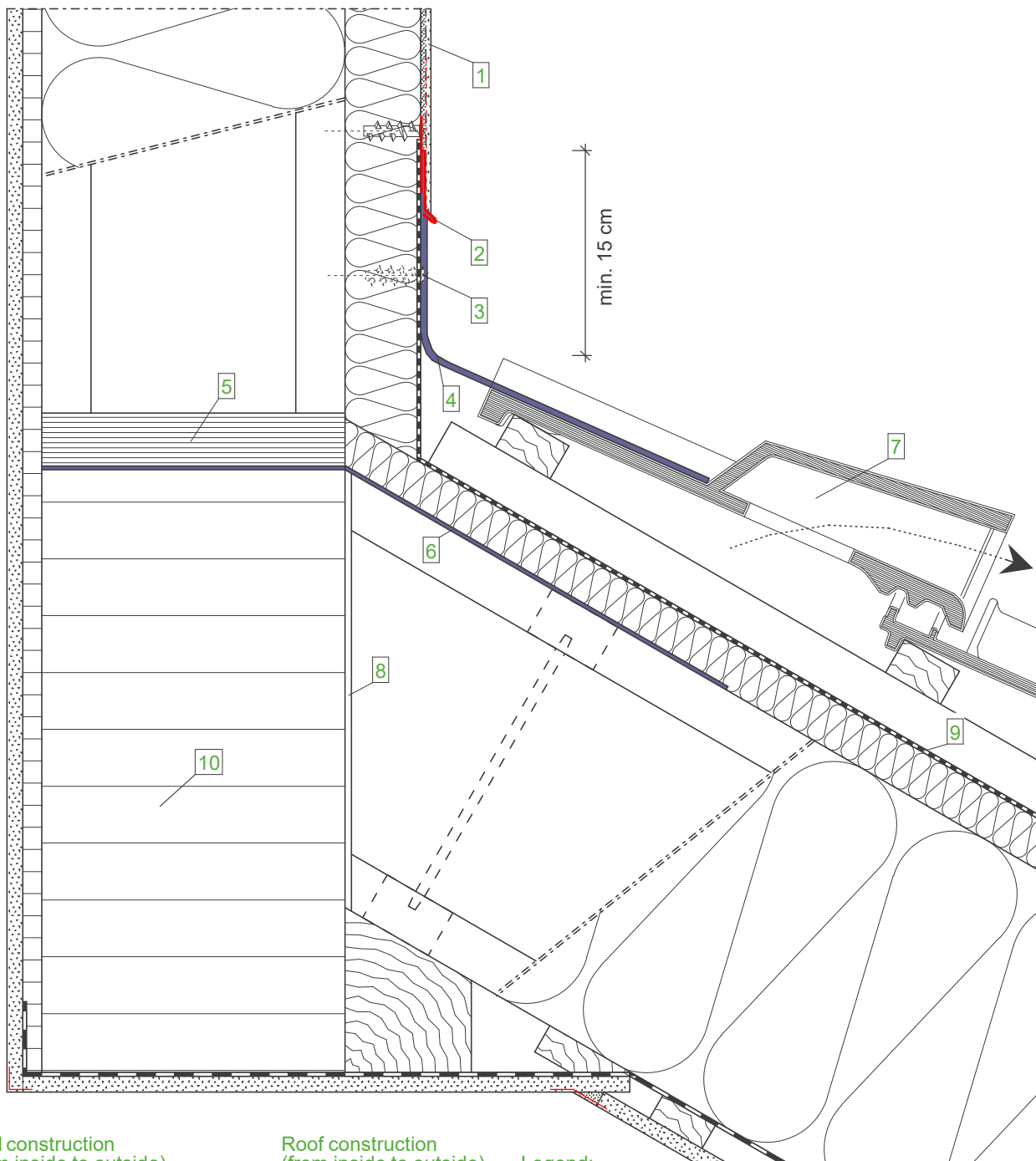
Roof - Transitions - Gable cheek, continuous wall

Datum: 23.03.2015	Detailnummer: AW-WDVS-HRB-6-90
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/
- STEICOprotect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|--|
| 1 | Re-inforced render including mesh with water repellent highly cured, cementitious tanking membrane |
| 2 | Metal connection profile |
| 3 | Screw plug |
| 4 | Wall connection tape |
| 5 | metal sheet upstand with lapped lead |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Tension strap (14° - 45°) |
| 8 | Vented tile |
| 9 | Air gap ca. 5 mm |
| 10 | Roofing felt in connection area, taped with STEICOMulti tape |
| | Glulam beam |

Important Note:

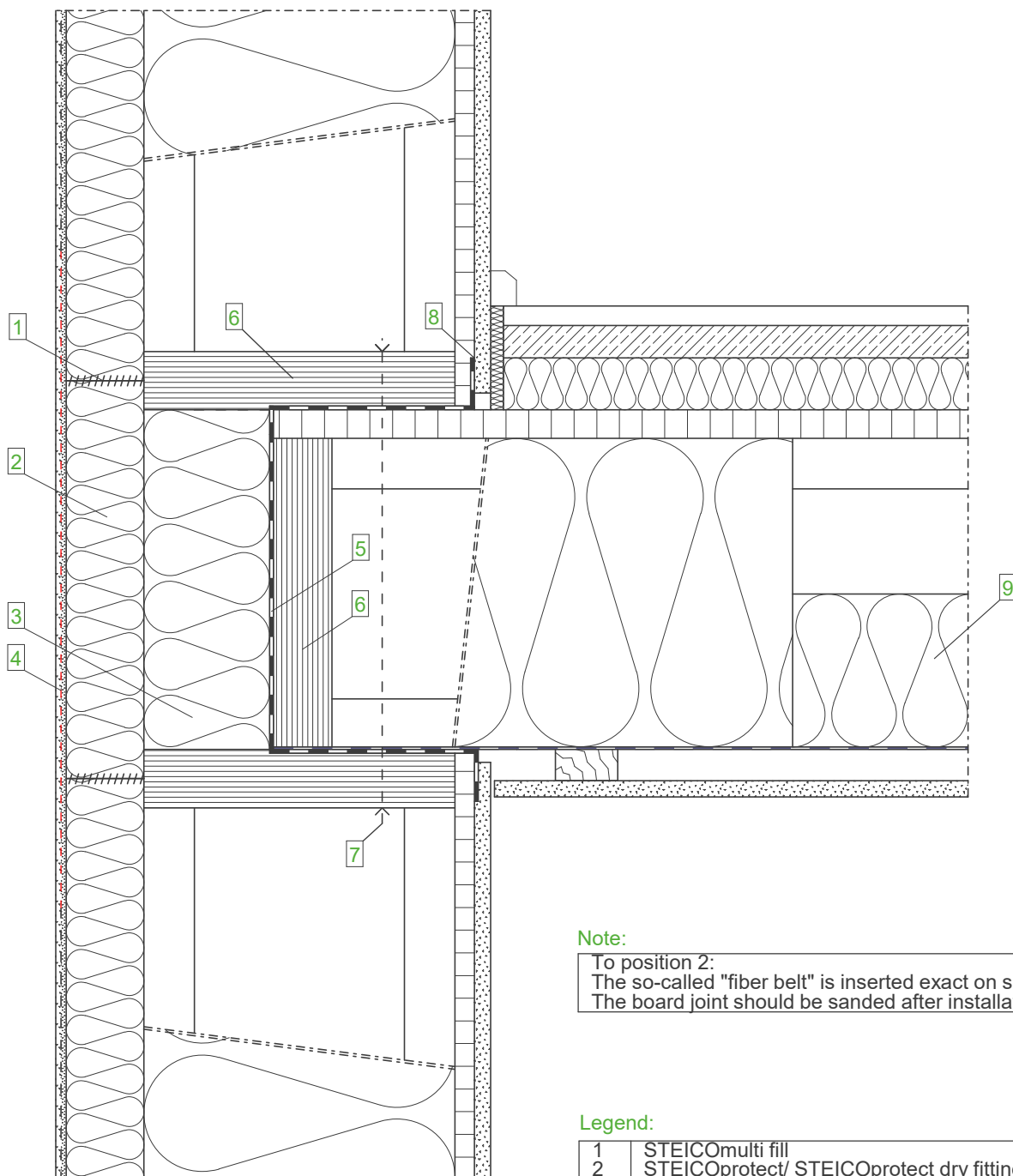
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Connection to single pitch roof without rear ventilation

Datum: 23.03.2015	Detailnummer: AW-WDVS-HRB-6-100
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 5.0

Outside

Inside



Note:

To position 2:
The so-called "fiber belt" is inserted exact on site.
The board joint should be sanded after installation.

Legend:

- | | |
|---|--|
| 1 | STEICOmuli fill |
| 2 | STEICOPROTECT/ STEICOPROTECT dry fitting piece, adjusted on site |
| 3 | STEICOtherm as edge side insulation |
| 4 | Additional mesh tape with sufficient coverage to ensure surface re-inforcement |
| 5 | Vapour barrier in connection areas |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Tension and compression resistant connection (to structural requirements) |
| 8 | Taping, airtight connection |
| 9 | STEICOflex 120 mm |

Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOPROTECT/ STEICOPROTECT dry
- Approved plaster system

Ceiling construction (from top to bottom)

- Floor covering
- Dry screed 25 mm
- STEICOtherm/ STEICObase 40 mm
- timber based panel product (OSB)
- STEICOjoist + STEICOflex
- Trickle protection
- Batten
- Plasterboard

Important Note:

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Ceiling - Transitions - Continuous render layer - Fiber belt

Datum: 02.04.2015

Detailnummer: AW-WDVS-HRB-7-10

Änderung: 23.08.2017

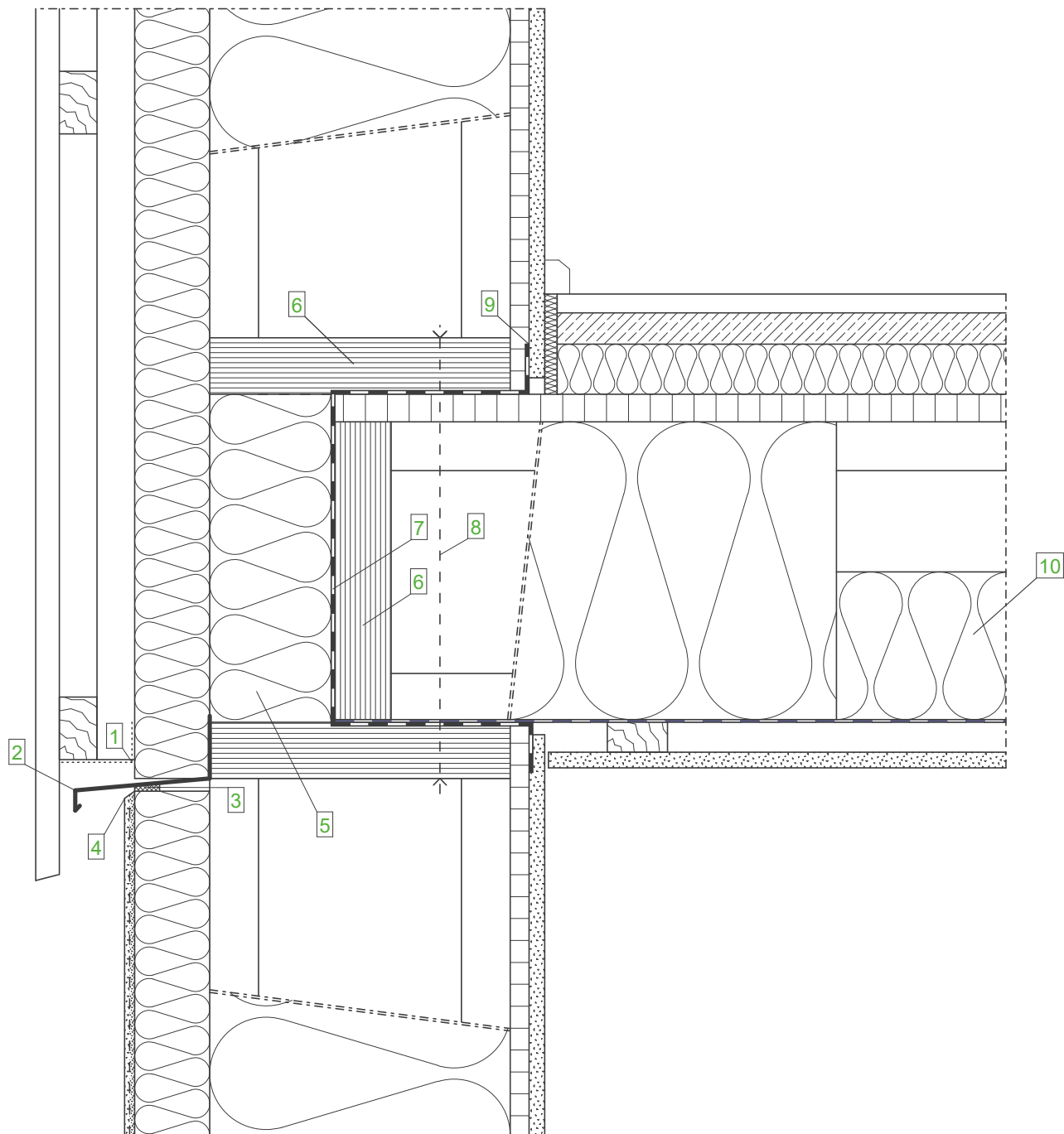
Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside

Inside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/
- STEICOprotect dry
- T+G - sheathing vertical +
- Support batten + Counter batten
- Basement:
- Approved plaster system

Ceiling construction (from top to bottom)

- Floor covering
- Dry screed 25 mm
- STEICOtherm/
- STEICObase 40 mm
- Timber based panel product (OSB)
- STEICOjoist + STEICOflex
- Trickle protection
- Batten
- Plasterboard

Legend:

1	Insect screen
2	Drip plate
3	Joint sealing tape
4	Trowelled joist
5	STEICOtherm as edge side insulation
6	STEICO LVL Laminated Veneer Lumber
7	Vapour barrier in connection areas
8	Tension and compression resistant connection (to structural requirements)
9	STEICOmuli tape
10	STEICOflex 120 mm

Important Note:

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Ceiling - Transitions - Transition to rear ventilated facade

Datum: 02.04.2015

Detailnummer: AW-WDVS-HRB-7-20

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

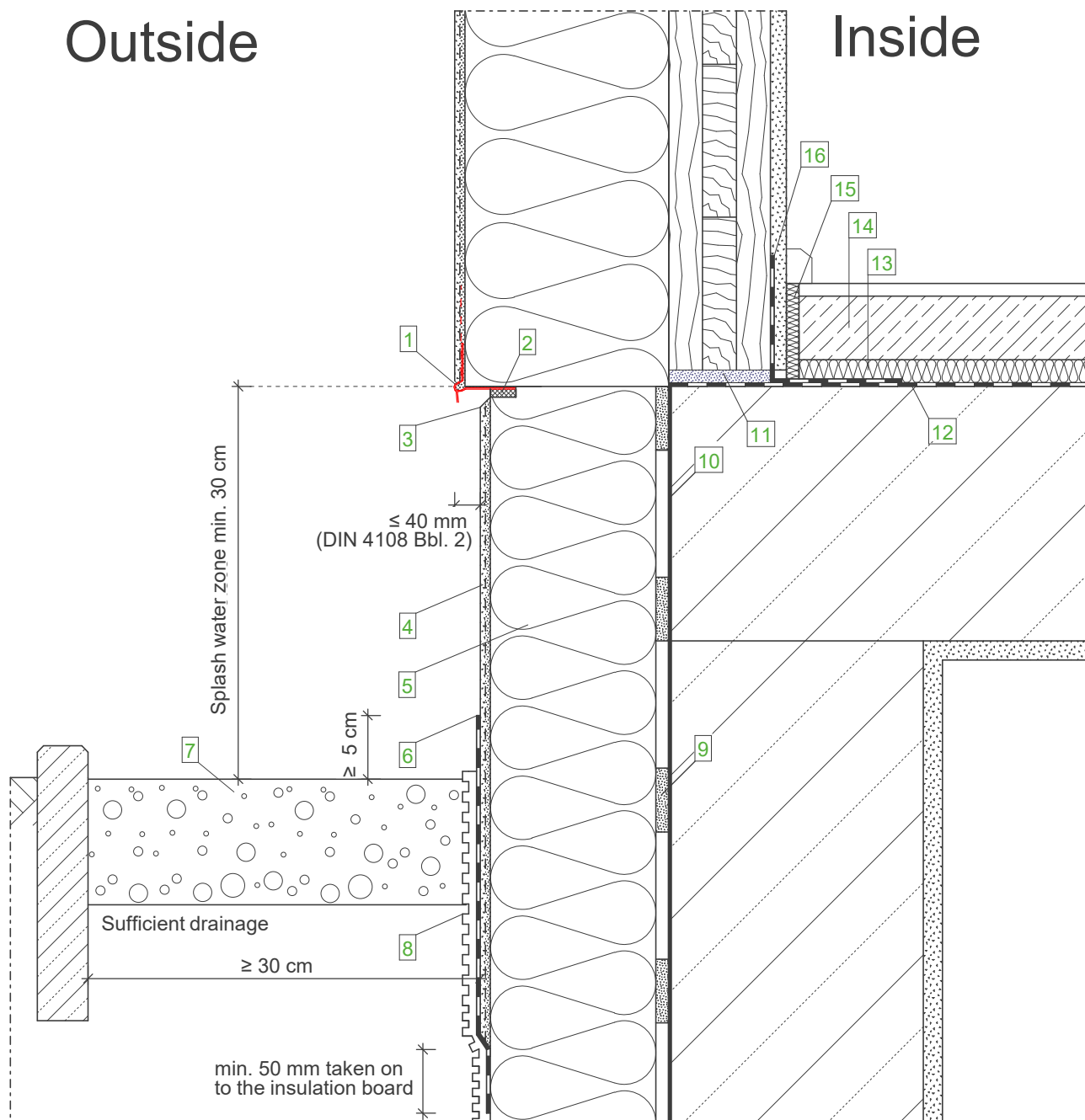
External wall - ETICS - CLT wall

Wall construction
(from inside to outside)

Nr.	Material	Thickness in cm
1	Plasterboard	1.25
2	CLT wall	8.00
3	STEICOprotect, fixed with plate washers	16.00
4	Approved plaster system	0.80

Outside

Inside



Wall construction (from inside to outside)

- Plasterboard
- CLT wall,
- in connection area airtight tape
- STEICOPROTECT/ STEICOprotect dry,
- fixed with plate washers
- Approved plaster system

Legend:

1	DPC edge profile
2	Joint sealing tape
3	Trowelled joist
4	Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing
5	Perimeter insulation
6	Flexible, mineral render sealing
7	Gravel bed, grain size min. 16/32
8	Protective layer, e.g. dimpled drainage layer
9	Mortar resin suitable for weathering protection
10	Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level
11	Swelling mortar/ mortar bed
12	Bituminous sheeting
13	STEICOtherm/ STEICObase
14	Wet screed
15	STEICOsoundstrip
16	Airtight tape

Important Note:

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DPC - New build - Heated basement - Ground level below top edge of concrete ceiling

Datum: 12.03.2015

Detailnummer: AW-WDVS-MH-1-10

Änderung: 23.08.2017

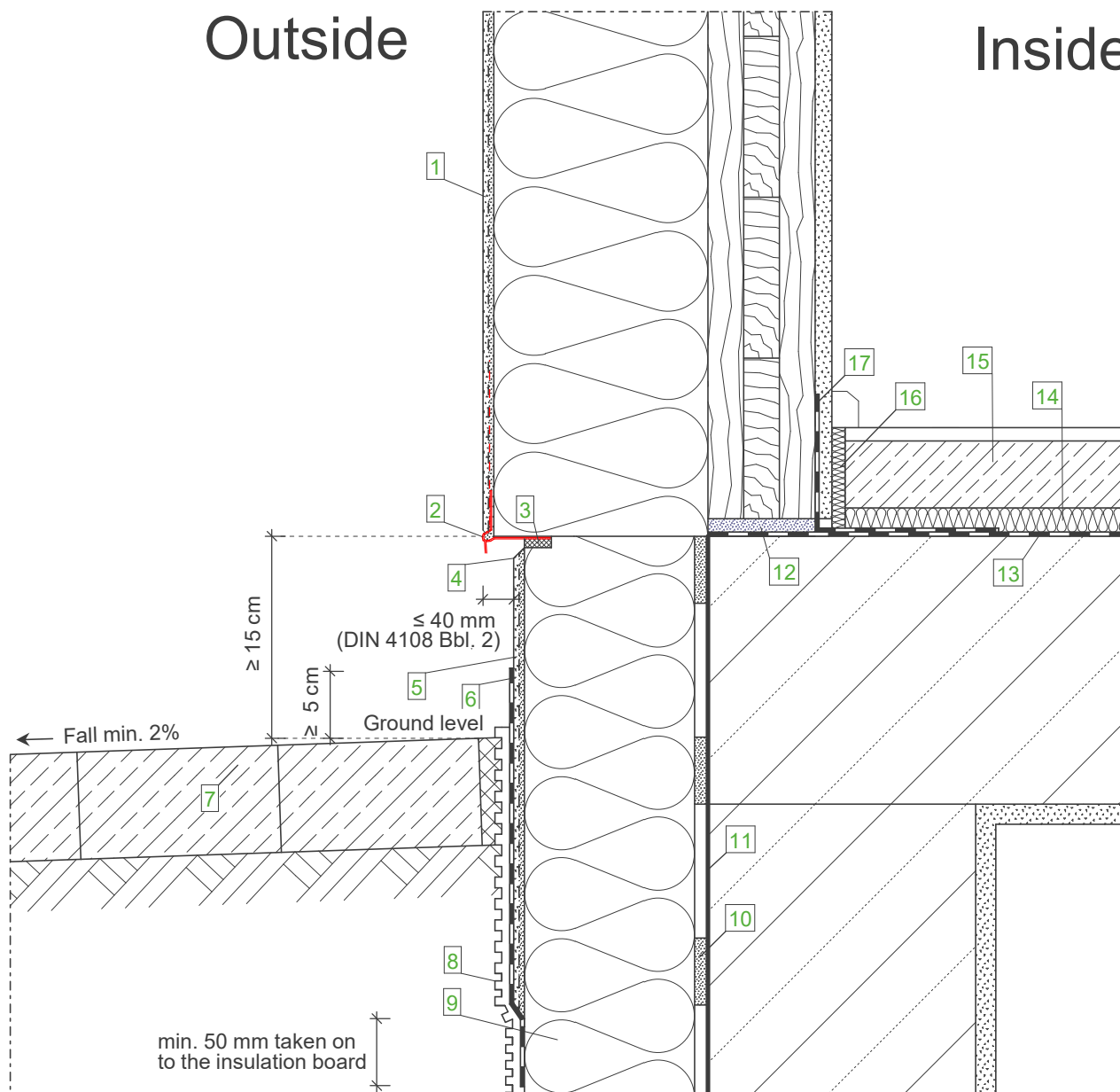
Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside

Inside



Wall construction (from inside to outside)

- Plasterboard
- CLT wall,
- in connection area airtight tape
- STEICOprotect/ STEICOprotect dry,
- fixed with plate washers
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | In splash water zone (up to min. 30 cm over ground level) apply cementitious tanking slurry as moisture protection layer between upper and lower render |
| 2 | DPC edge profile |
| 3 | Joint sealing tape |
| 4 | Trowelled joist |
| 5 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 6 | Flexible, mineral render sealing |
| 7 | Finished floor covering (= water-carrying layer) min. 2% fall |
| 8 | Protective layer, e.g. dimpled drainage layer |
| 9 | Perimeter insulation |
| 10 | Mortar resin suitable for weathering protection |
| 11 | Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level |
| 12 | Swelling mortar/ mortar bed |
| 13 | Bituminous sheeting |
| 14 | STEICOtherm/ STEICObase |
| 15 | Wet screed |
| 16 | STEICOsoundstrip |
| 17 | Airtight tape |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - CLT wall min. 15 cm over terrain top edge (min. 2% fall)

Datum: 12.03.2015

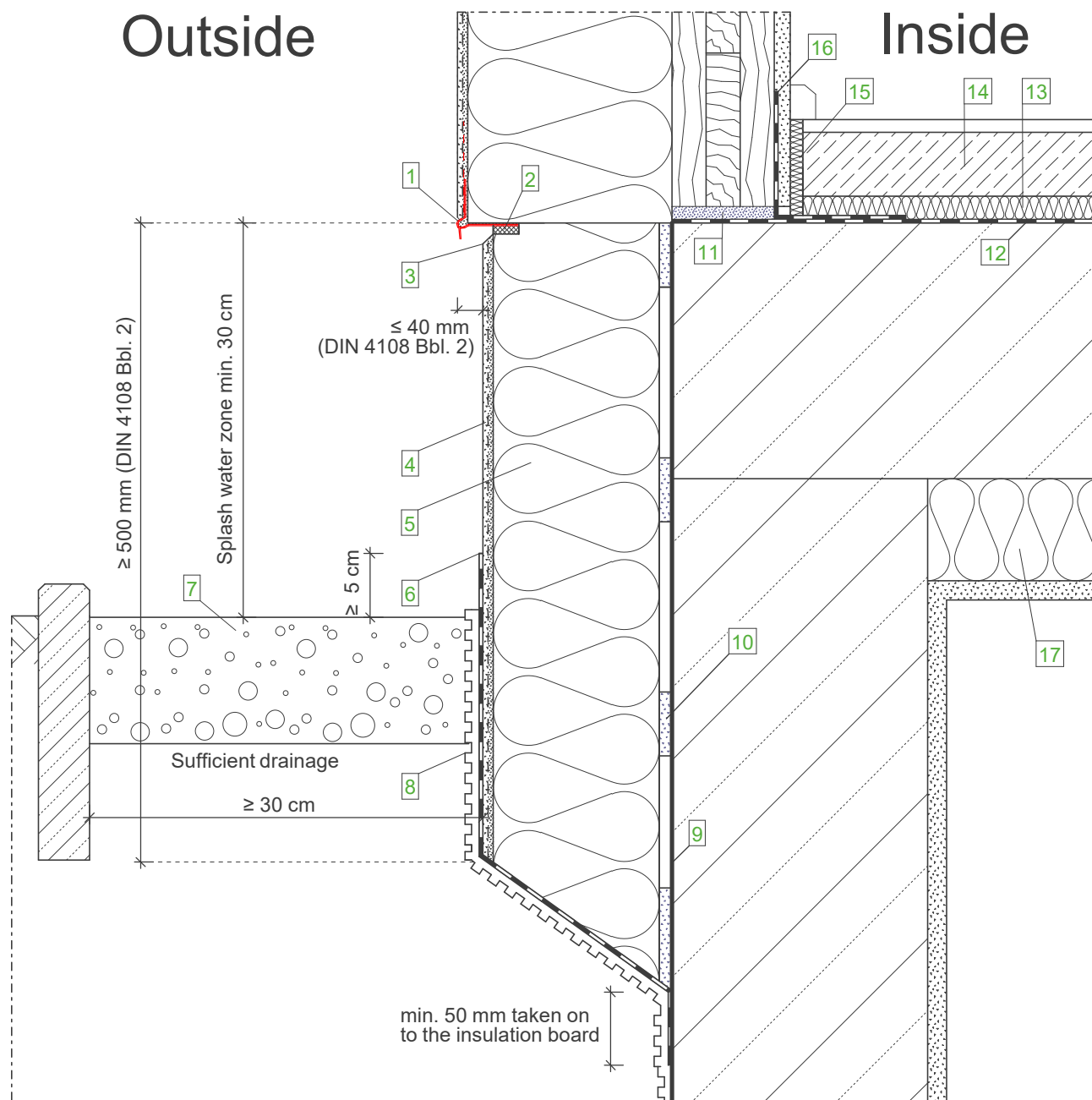
Detailnummer: AW-WDVS-MH-1-20

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen



Legend:

Wall construction
(from inside to outside)

- Plasterboard
- CLT wall,
- in connection area airtight tape
- STEICOprotect/ STEICOprotect dry,
- fixed with plate washers
- Approved plaster system

- | | |
|----|---|
| 1 | DPC edge profile |
| 2 | Joint sealing tape |
| 3 | Trowelled joist |
| 4 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 5 | Perimeter insulation |
| 6 | Flexible, mineral render sealing |
| 7 | Gravel bed, grain size min. 16/32 |
| 8 | Protective layer, e.g. dimpled drainage layer |
| 9 | Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level |
| 10 | Mortar resin suitable for weathering protection |
| 11 | Swelling mortar/ mortar bed |
| 12 | Bituminous sheeting |
| 13 | STEICOtherm/ STEICObase |
| 14 | Wet screed |
| 15 | STEICOsoundstrip |
| 16 | Airtight tape |
| 17 | Basement ceiling insulation in accordance with requirements |

Important Note:

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DPC - Un-heated basement - Ground level below top edge of concrete ceiling

Datum: 12.03.2015

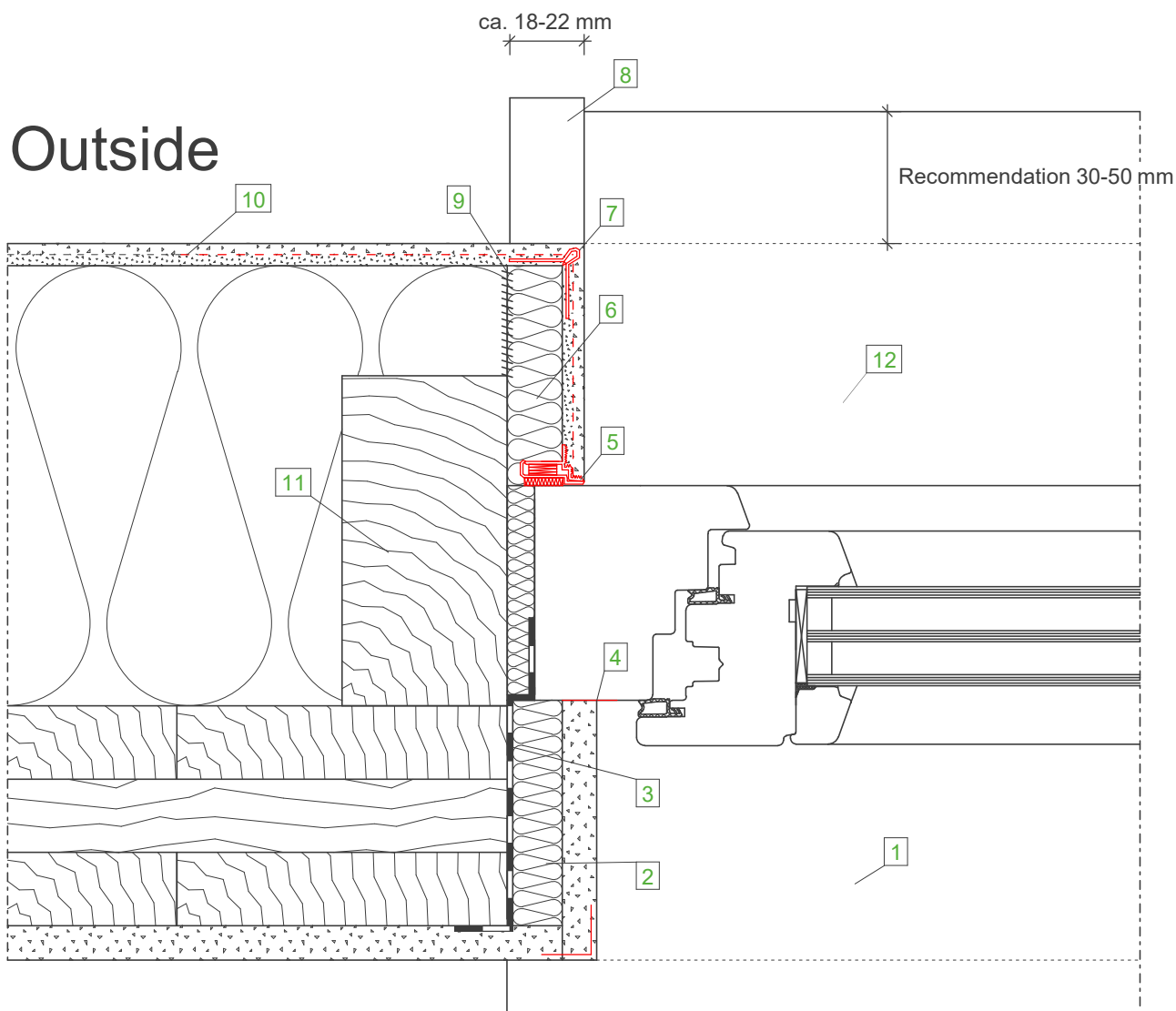
Detailnummer: AW-WDVS-MH-1-30

Änderung: 04.06.2019

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen



Wall construction (from inside to outside)

- Plasterboard
- CLT wall,
- in connection area airtight tape
- STEICOprotect/ STEICOprotect dry,
- fixed with plate washers
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Window sill inside |
| 2 | STEICObase |
| 3 | Airtight window installation (DIN 4108-7) |
| 4 | Separating strips |
| 5 | AN 100 mesh profile for plastering over |
| 6 | STEICOprotect H reveal board |
| 7 | Mesh corner angle |
| 8 | End profile for ETICS suitable |
| 9 | STEICOMulti fill |
| 10 | Surface mesh |
| 11 | Mounted frame for window connection, also possible with i-joist |
| 12 | Aluminium window sill |

Important Note:

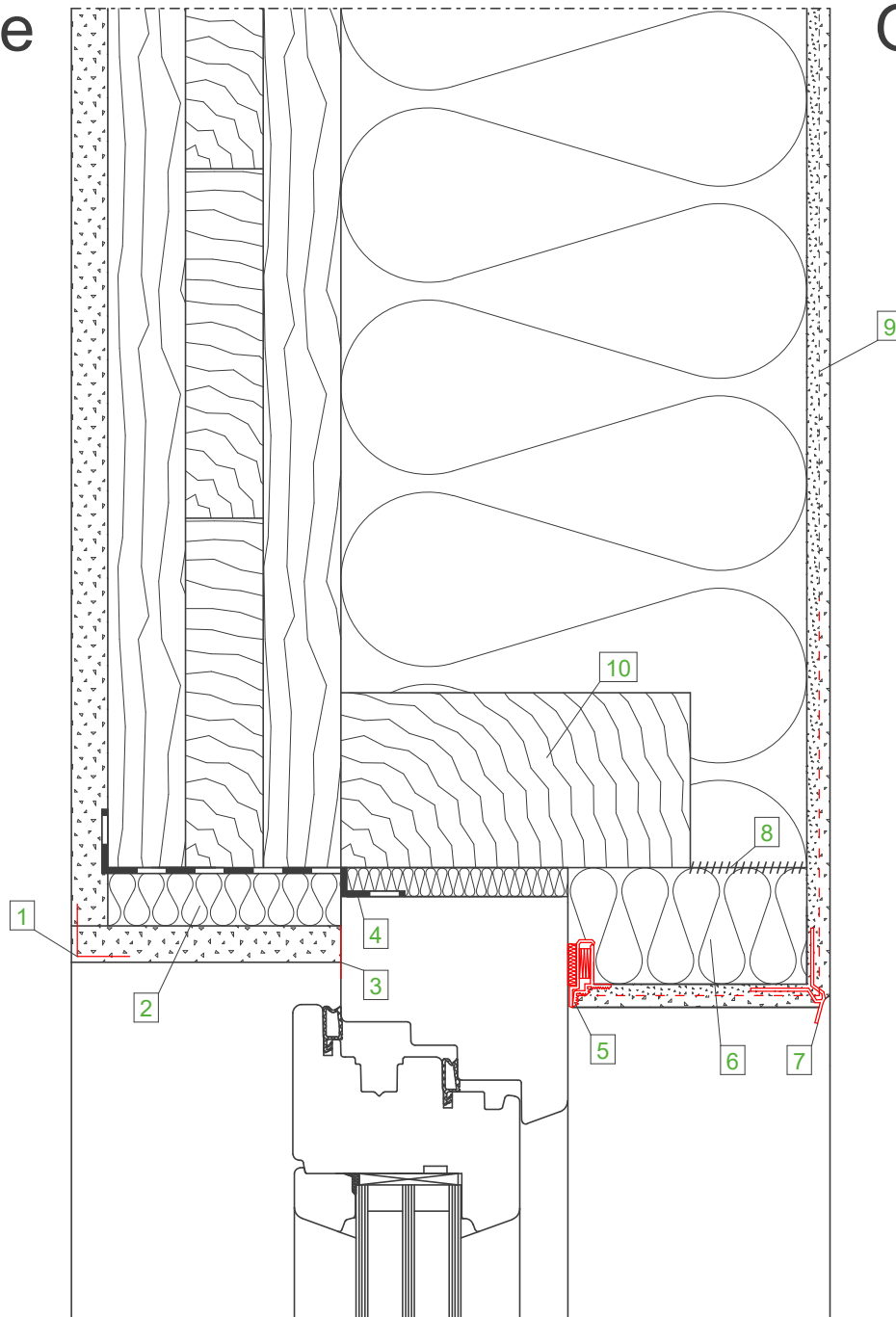
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - Side connection with reveal board, horizontal section

Datum: 06.03.2015	Detailnummer: AW-WDVS-MH-3-10	
Änderung: 28.05.2019	Bearbeiter: A. Luz	Maßstab: 1 : 2.5

Inside

Outside



Wall construction
(from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOPROTECT/ STEICOPROTECT dry,
fixed with plate washers
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | Corner angle |
| 2 | STEICObase |
| 3 | Separating strips |
| 4 | Airtight window installation (DIN 4108-7) |
| 5 | AN 100 mesh profile for plastering over |
| 6 | STEICOPROTECT H reveal board |
| 7 | Drip edge profile |
| 8 | STEICOMulti fill |
| 9 | Surface mesh |
| 10 | Mounted frame for window connection,
also possible with i-joist |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

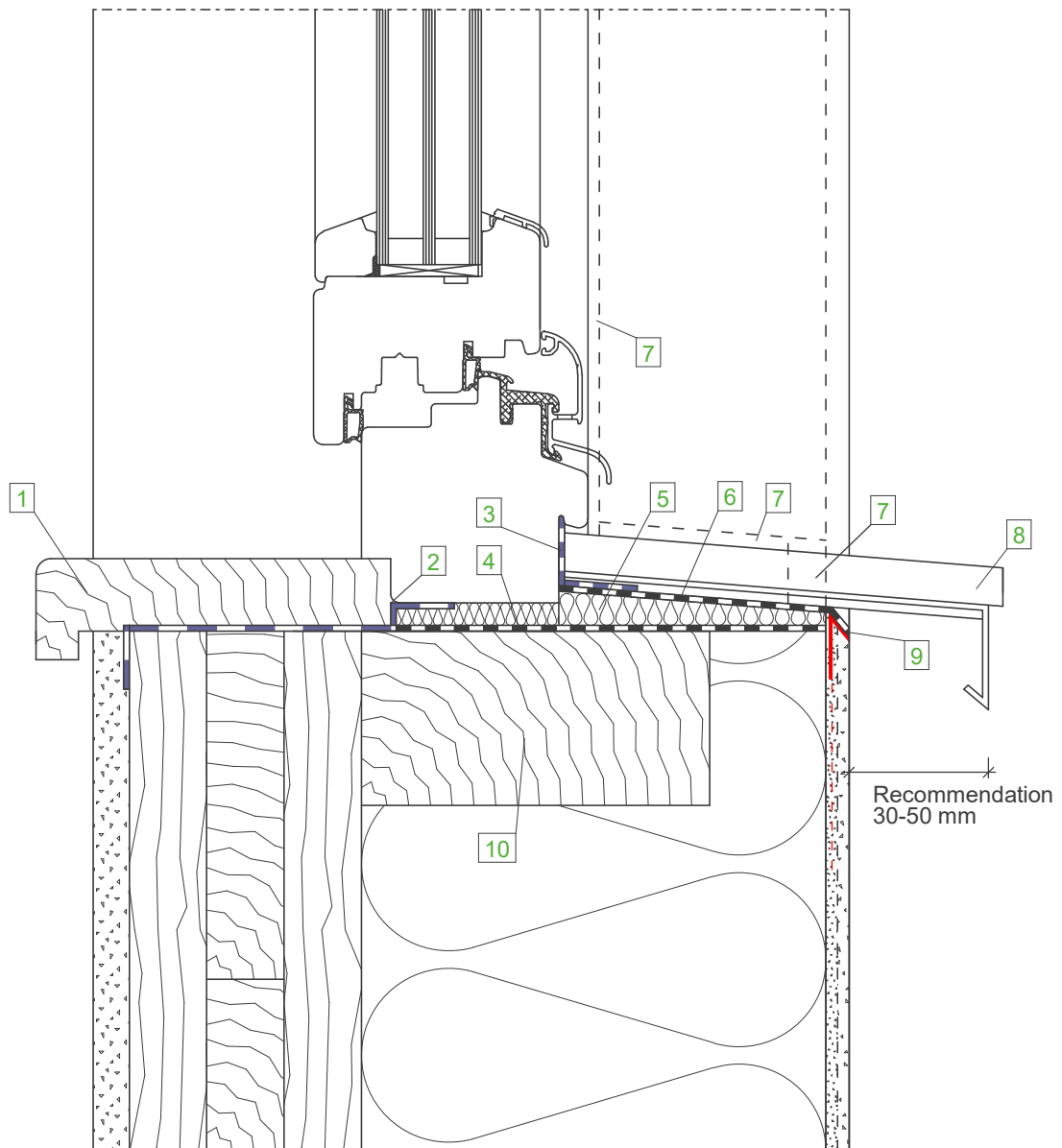
Window - Upper connection with reveal board, vertical section

Datum: 11.03.2015	Detailnummer: AW-WDVS-MH-3-20	
Änderung: 28.05.2019	Bearbeiter: A. Luz	Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction
(from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect/ STEICOprotect dry,
fixed with plate washers
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | Window sill inside |
| 2 | Airtight window installation (DIN 4108-7) |
| 3 | STEICOMulti tape |
| 4 | STEICOMulti UDB |
| 5 | STEICOfix wood fibre insulation fillet |
| 6 | Bonded membrane on insulation fillet |
| 7 | Joint sealing tape |
| 8 | Aluminium window sill |
| 9 | Parapet profile |
| 10 | Mounted frame for window connection,
also possible with i-joist |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - Bottom connection with reveal board, vertical section

Datum: 12.03.2015

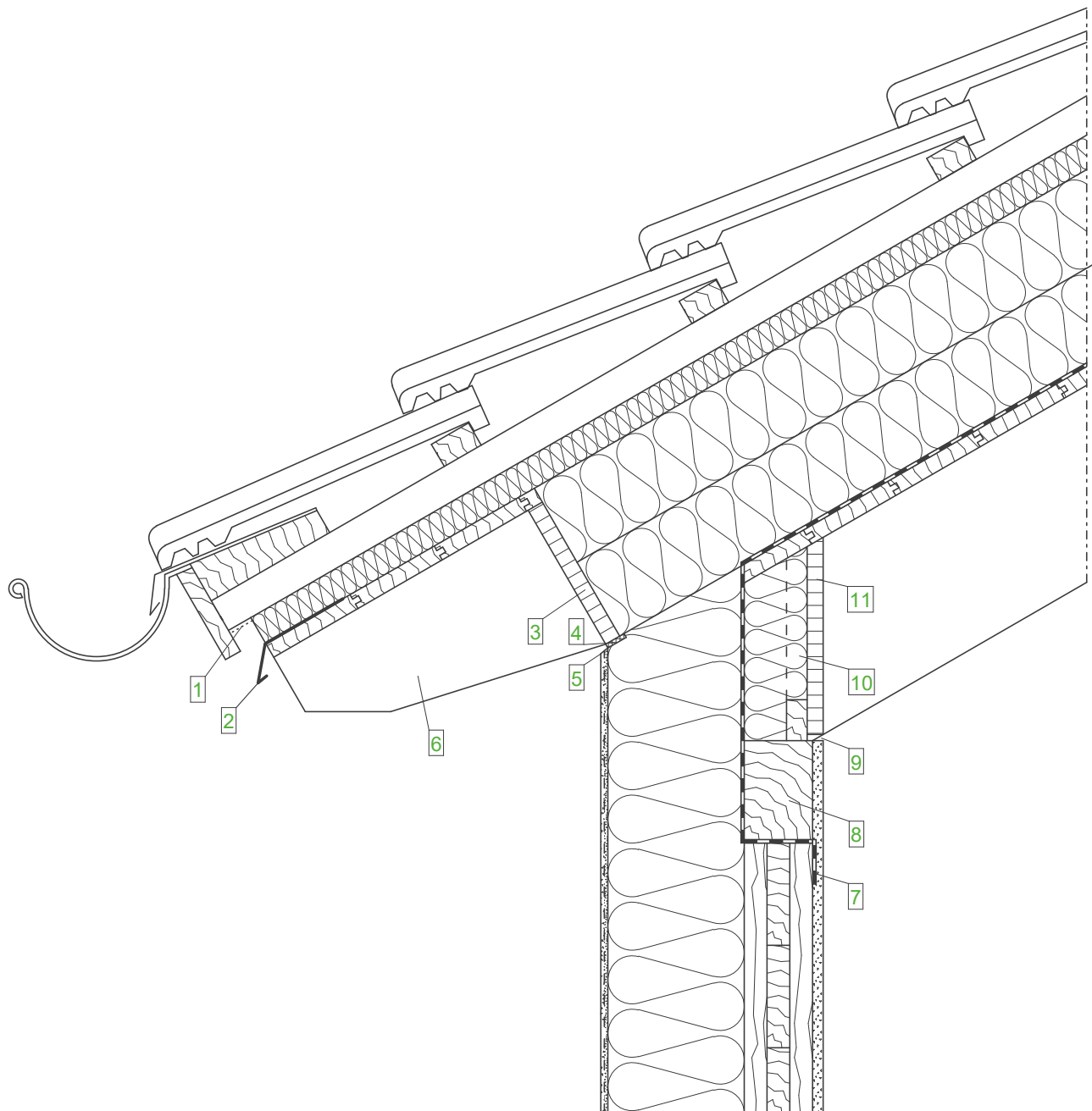
Detailnummer: AW-WDVS-MH-3-30

Änderung: 11.06.2019

Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- CLT wall,
- in connection area airtight tape
- STEICOprotect/ STEICOprotect dry,
- fixed with plate washers
- Approved plaster system

Roof construction (from inside to outside)

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOUNiversal
- (below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Tilting fillet |
| 7 | STEICOMulti tape |
| 8 | Threshold |
| 9 | Shadow joint |
| 10 | Angled timber for connecting the blocking panel |
| 11 | Blocking panels on room side |

Important Note:

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Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels

Datum: 02.04.2015

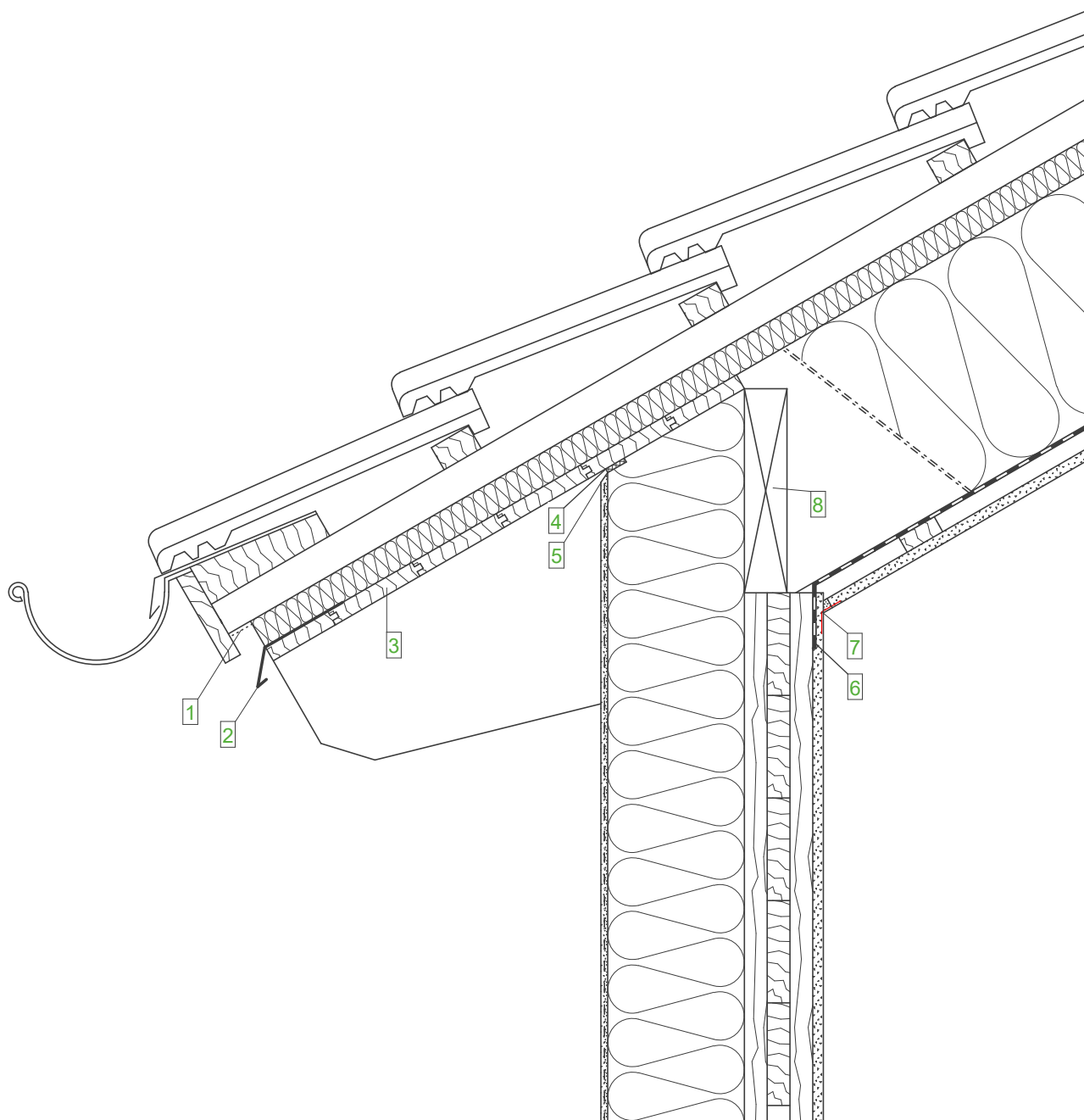
Detailnummer: AW-WDVS-MH-6-10

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect/ STEICOprotect dry,
fixed with plate washers
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- solid wood rafter (glulam)
- STEICUniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Visible eaves sheathing |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOmultiplex tape |
| 7 | Paper joint re-inforcement band filled |
| 8 | Batten between the rafter |

Important Note:

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Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter

Datum: 02.04.2015

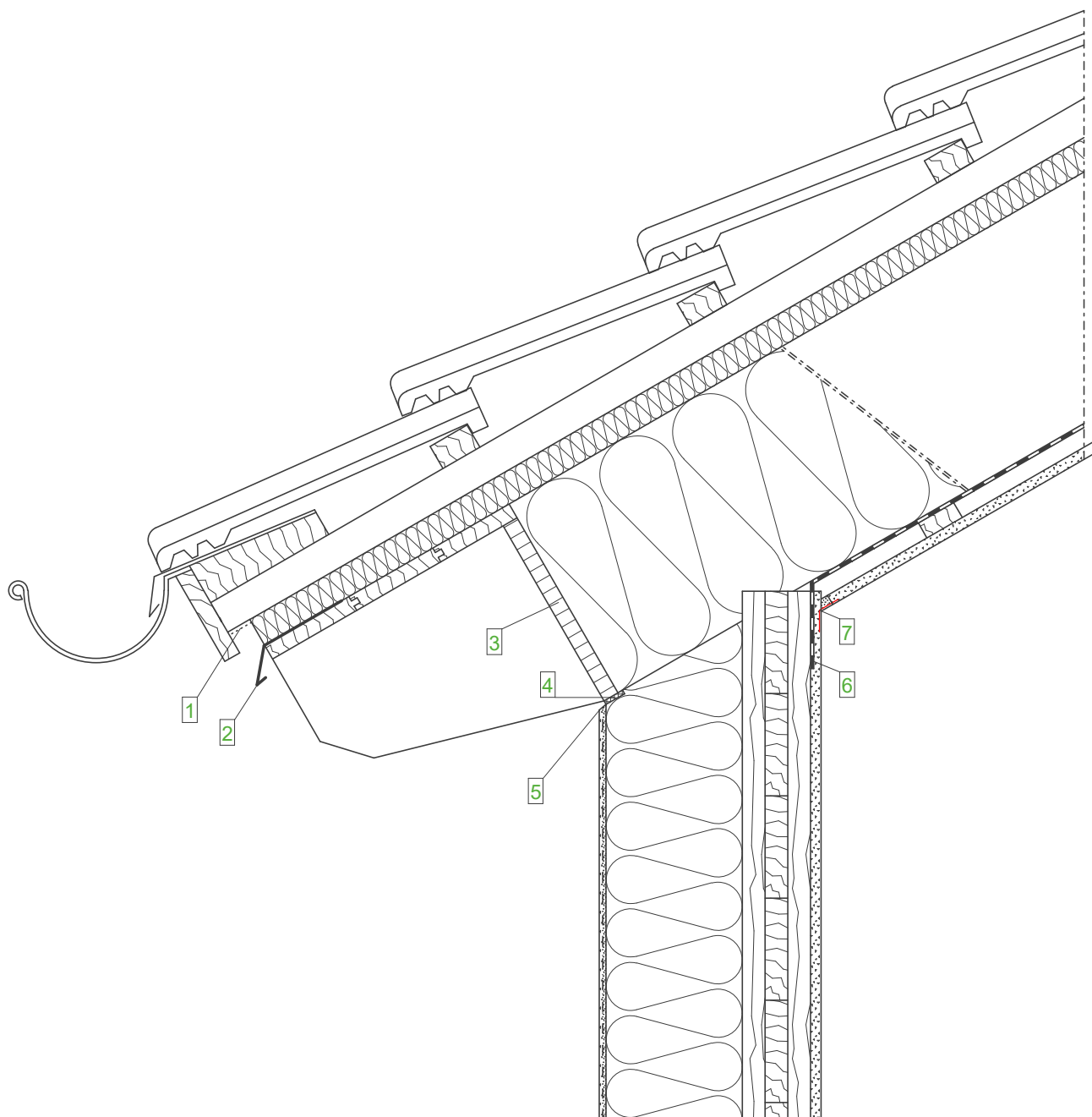
Detailnummer: AW-WDVS-MH-6-20

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOPROTECT/ STEICOPROTECT dry,
fixed with plate washers
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOFLEX/ zell/ floc
- solid wood rafter (glulam)
- STEICOUNIVERSAL
- Counter batten
- Support batten
- Roof covering

Legend:

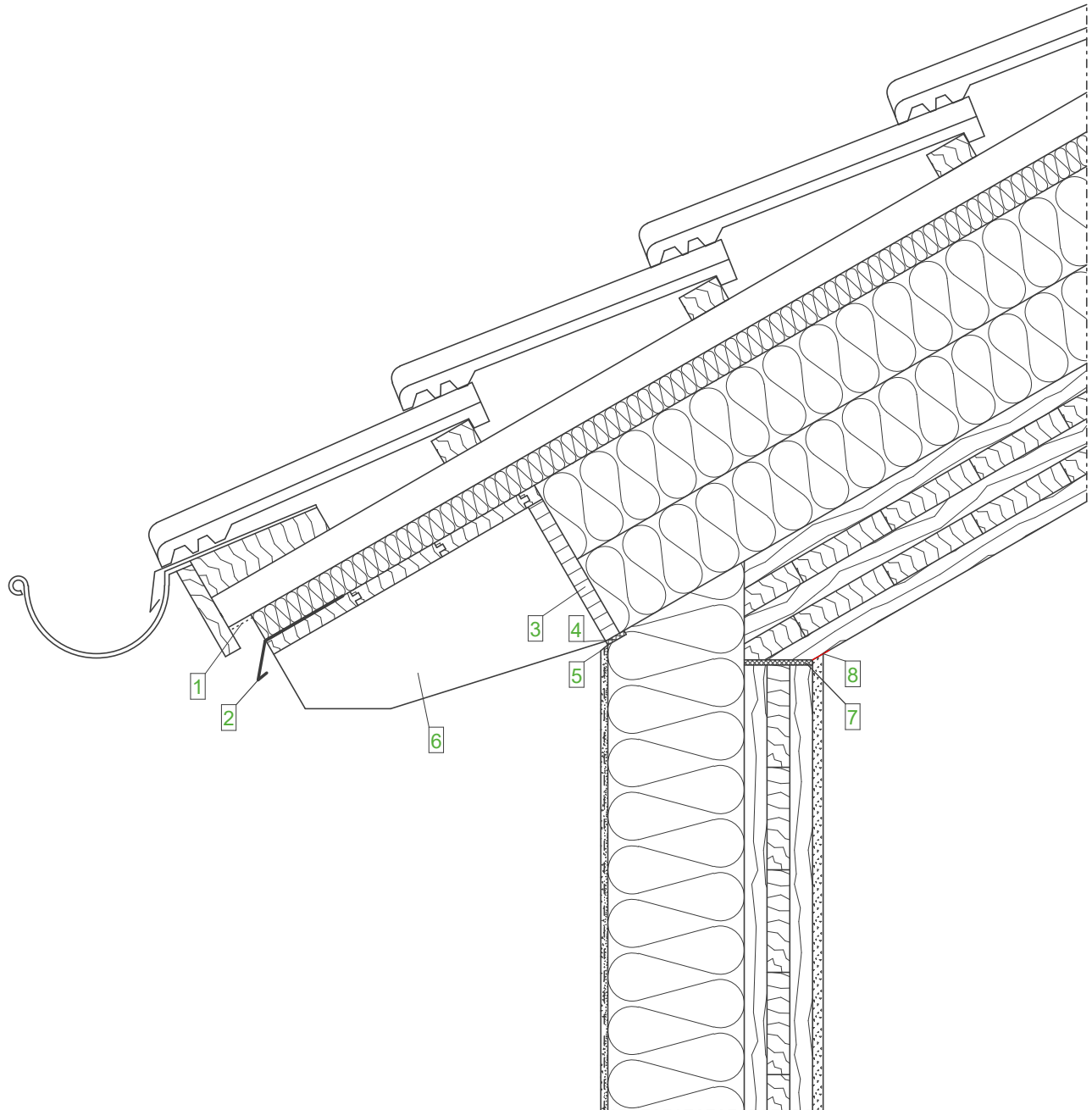
- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOMulti tape |
| 7 | Paper joint re-inforcement band filled |

Important Note:

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Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02.04.2015	Detailnummer: AW-WDVS-MH-6-30	
Änderung: 23.08.2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5



**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect/ STEICOprotect dry,
fixed with plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Visible CLT
element
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Tilting fillet |
| 7 | Sealing tape |
| 8 | Separating strips |

Important Note:

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Roof - Transitions - Eaves, CLT element, ETICS on blocking panels

Datum: 02.04.2015

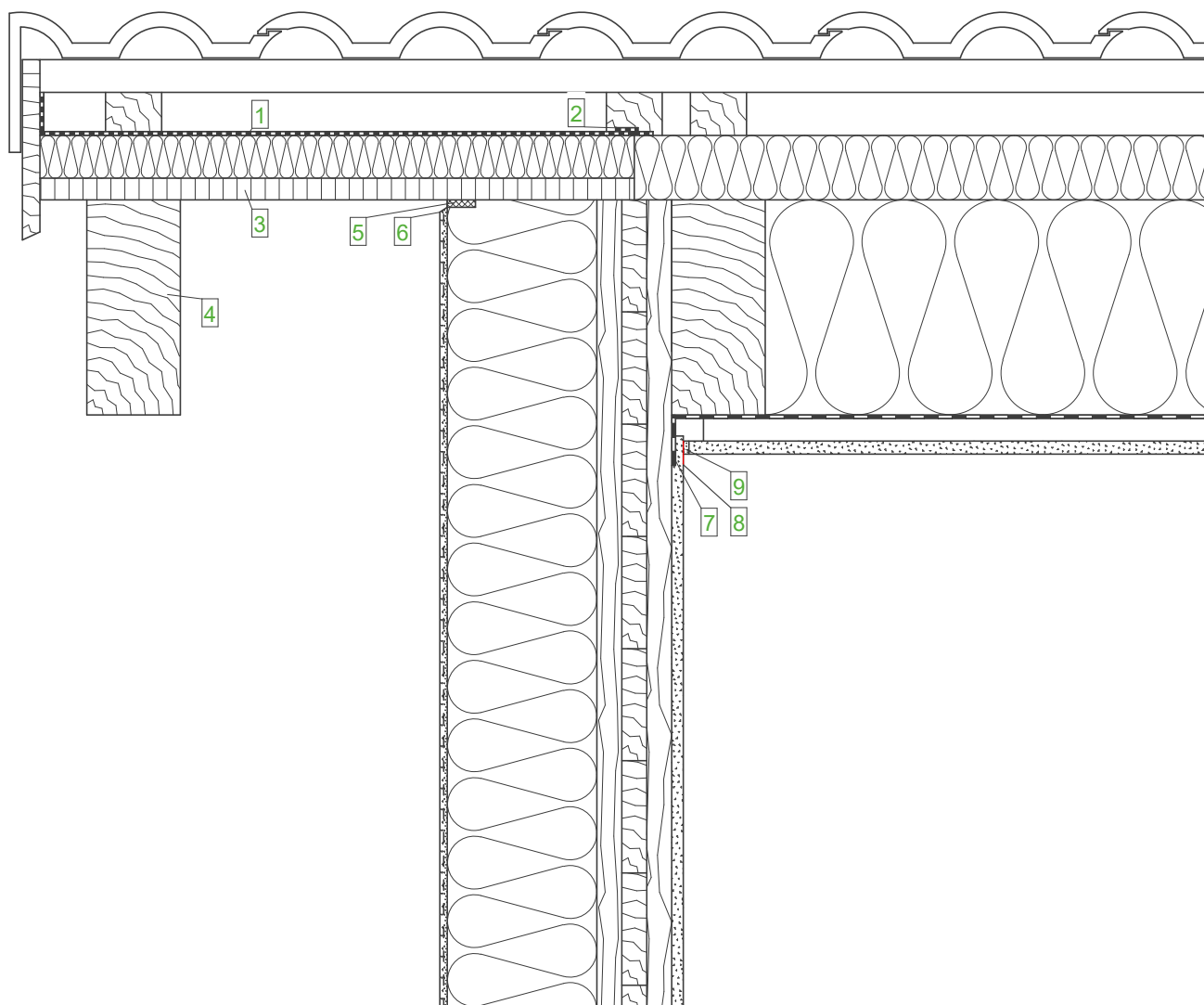
Detailnummer: AW-WDVS-MH-6-40

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOProtect/ STEICOProtect dry,
fixed with plate washers
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- solid wood rafter
- STEICUniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | STEICOMulti tape + STEICOMulti primer |
| 3 | Visible whitewood - three layer panels |
| 4 | Visible projecting roof rafter |
| 5 | Joint sealing tape |
| 6 | Trowelled joist |
| 7 | STEICOMulti tape |
| 8 | Separating strips |
| 9 | Joint trowel |

Important Note:

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Roof - Transitions - Verge, visible projecting roof rafter

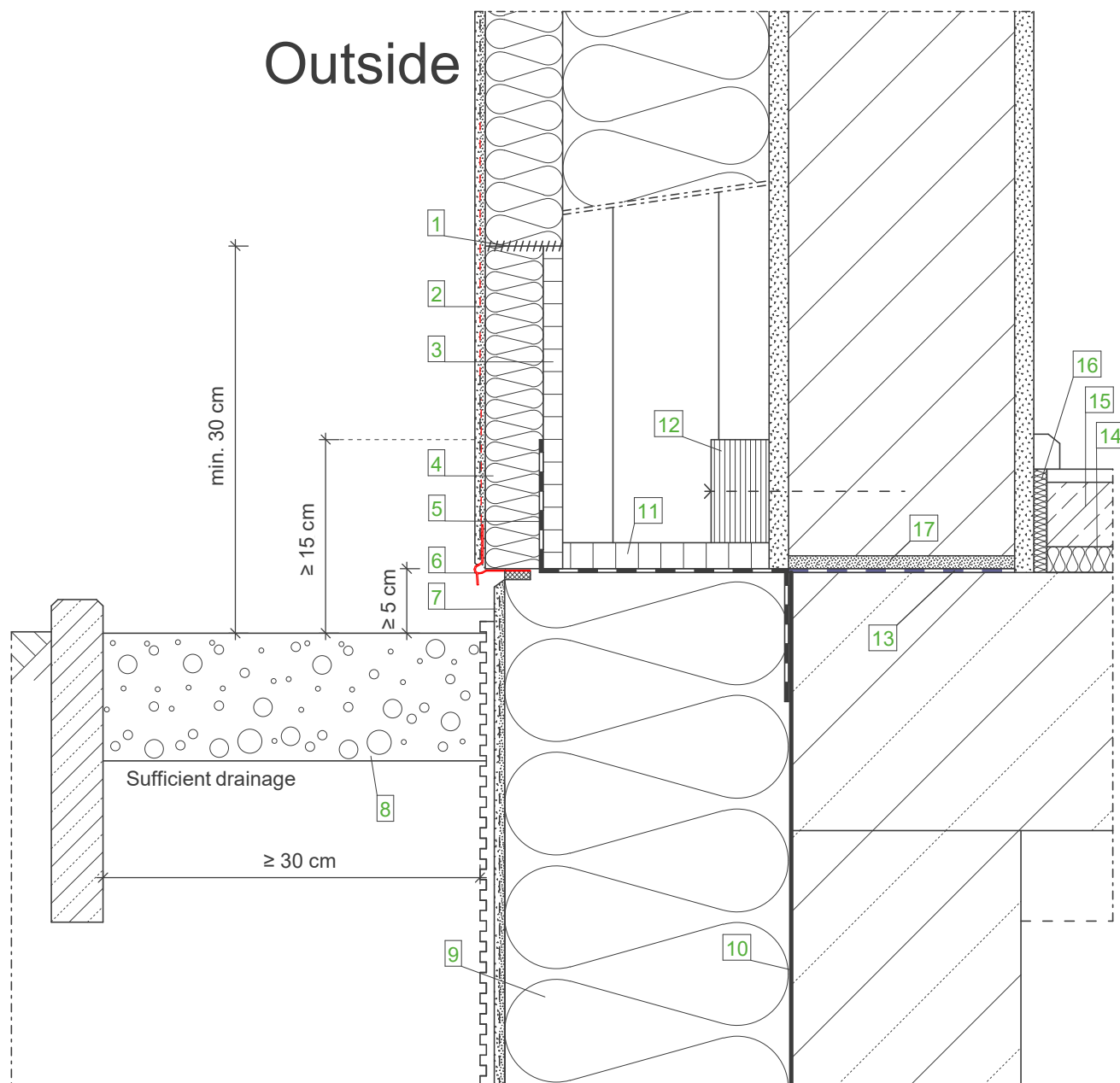
Datum: 02.04.2015	Detailnummer: AW-WDVS-MH-6-50
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 7.5

External wall - ETICS - Masonry wall with timber

Wall construction
(from inside to outside)

Nr.	Material	Thickness in cm
1	Render layer	1.50
2	Masonry wall	17.50
3	Render layer	1.50
4	STEICOflex with STEICO wall 60/160	16.00
5	STEICOprotect	6.00
6	Approved plaster system	0.80

Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex/ zell/ floc
- STEICOPROTECT/ STEICOPROTECT dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | STEICOMulti fill |
| 2 | Additional mesh tape with sufficient coverage to ensure surface re-inforcement |
| 3 | Cement bonded board |
| 4 | EPS insulation with textured surface |
| 5 | Sealing in accordance with DIN 18195-4 |
| 6 | DPC edge profile |
| 7 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 8 | Gravel bed, grain size min. 16/32 |
| 9 | Perimeter insulation |
| 10 | Building weathering protection, min. 15 cm above ground level |
| 11 | Timber based panel product |
| 12 | Laminated Veneer Lumber STEICO LVL for vertical transfer loads |
| 13 | Bituminous sheeting |
| 14 | STEICOtherm/ STEICObase |
| 15 | Wet screed |
| 16 | STEICOSoundstrip |
| 17 | Mortar levelling layer |

Important Note:

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DPC - Level threshold, continuous render layer

Datum: 12.03.2015

Detailnummer: AW-WDVS-MWHU-1-10

Änderung: 23.08.2017

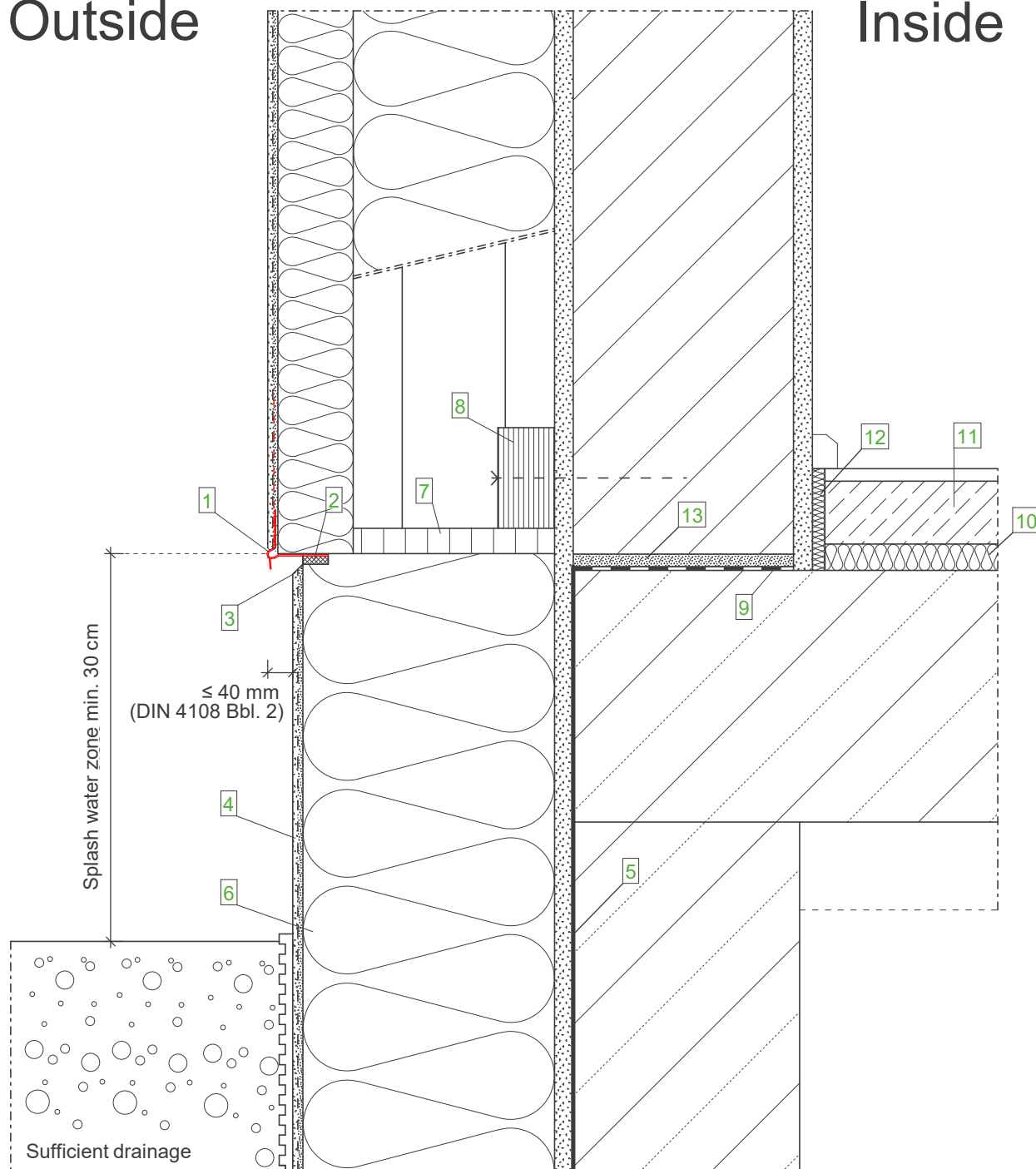
Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside

Inside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timer
- STEICOflex/ zell/ floc
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | DPC edge profile |
| 2 | Joint sealing tape |
| 3 | Trowelled joist |
| 4 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 5 | Building weathering protection, min. 15 cm above ground level |
| 6 | Perimeter insulation |
| 7 | Timber based panel product |
| 8 | Laminated Veneer Lumber STEICO LVL for vertical transfer loads |
| 9 | Bituminous sheeting |
| 10 | STEICOtherm/ STEICObase |
| 11 | Wet screed |
| 12 | STEICOsoundstrip |
| 13 | Mortar levelling layer |

Important Note:

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DPC - Elevated threshold (splashback free)

Datum: 12.03.2015

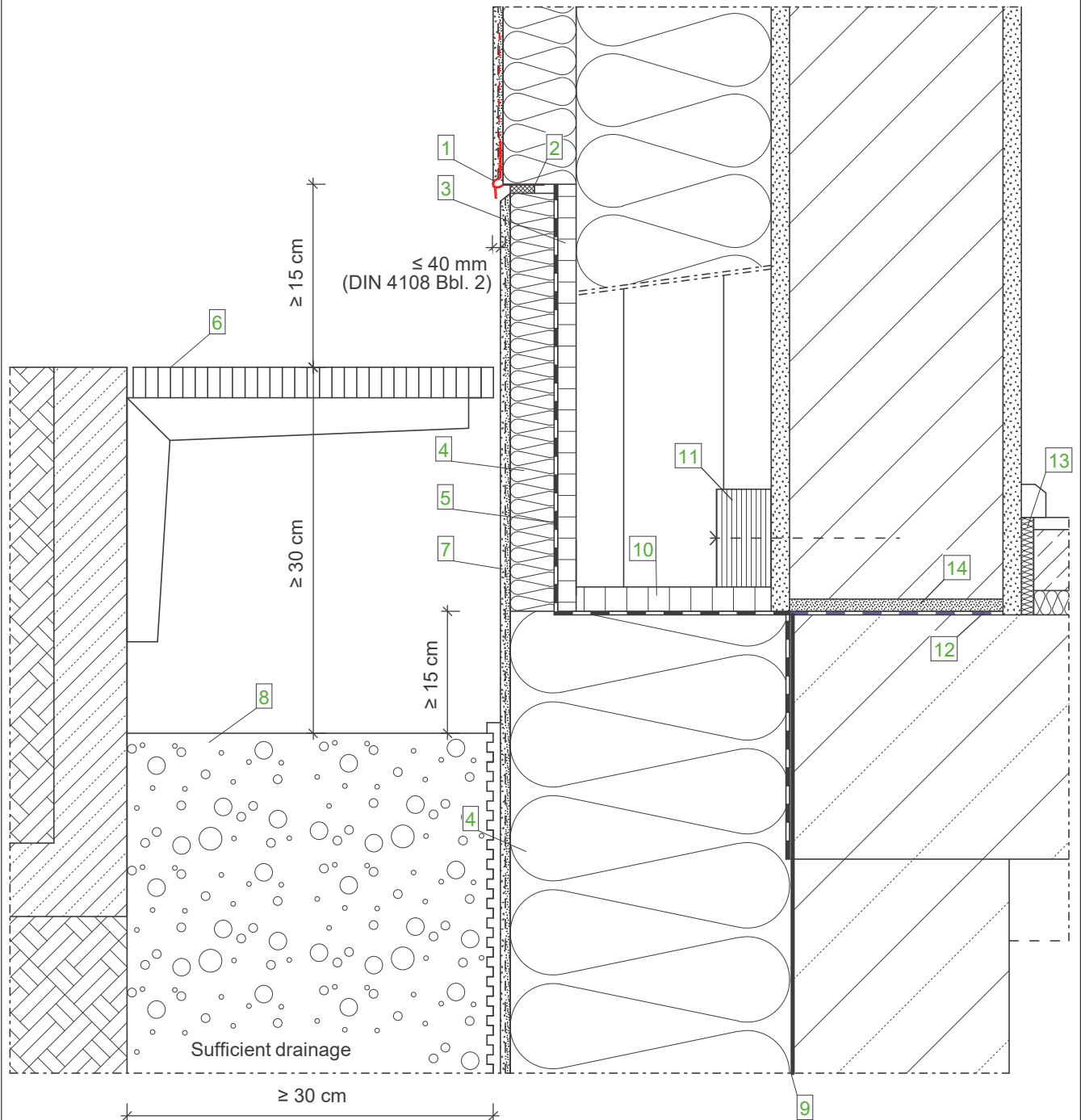
Detailnummer: AW-WDVS-MWHU-1-20

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex/ zell/ floc
- STEICOp Protect/ STEICOp Protect dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | DPC edge profile |
| 2 | Joint sealing tape |
| 3 | Cement bonded board |
| 4 | Perimeter insulation |
| 5 | Sealing in accordance with DIN 18195-4 |
| 6 | Grating |
| 7 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 8 | Gravel bed, grain size min. 16/32 mm |
| 9 | Building weathering protection, min. 15 cm above ground level |
| 10 | Timber based panel product |
| 11 | Laminated Veneer Lumber STEICO LVL for vertical transfer loads |
| 12 | Bituminous sheeting |
| 13 | STEICOSoundstrip |
| 14 | Mortar levelling layer |

Important Note:

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DPC - Level threshold, grating (terrace)

Datum: 12.03.2015

Detailnummer: AW-WDVS-MWHU-1-30

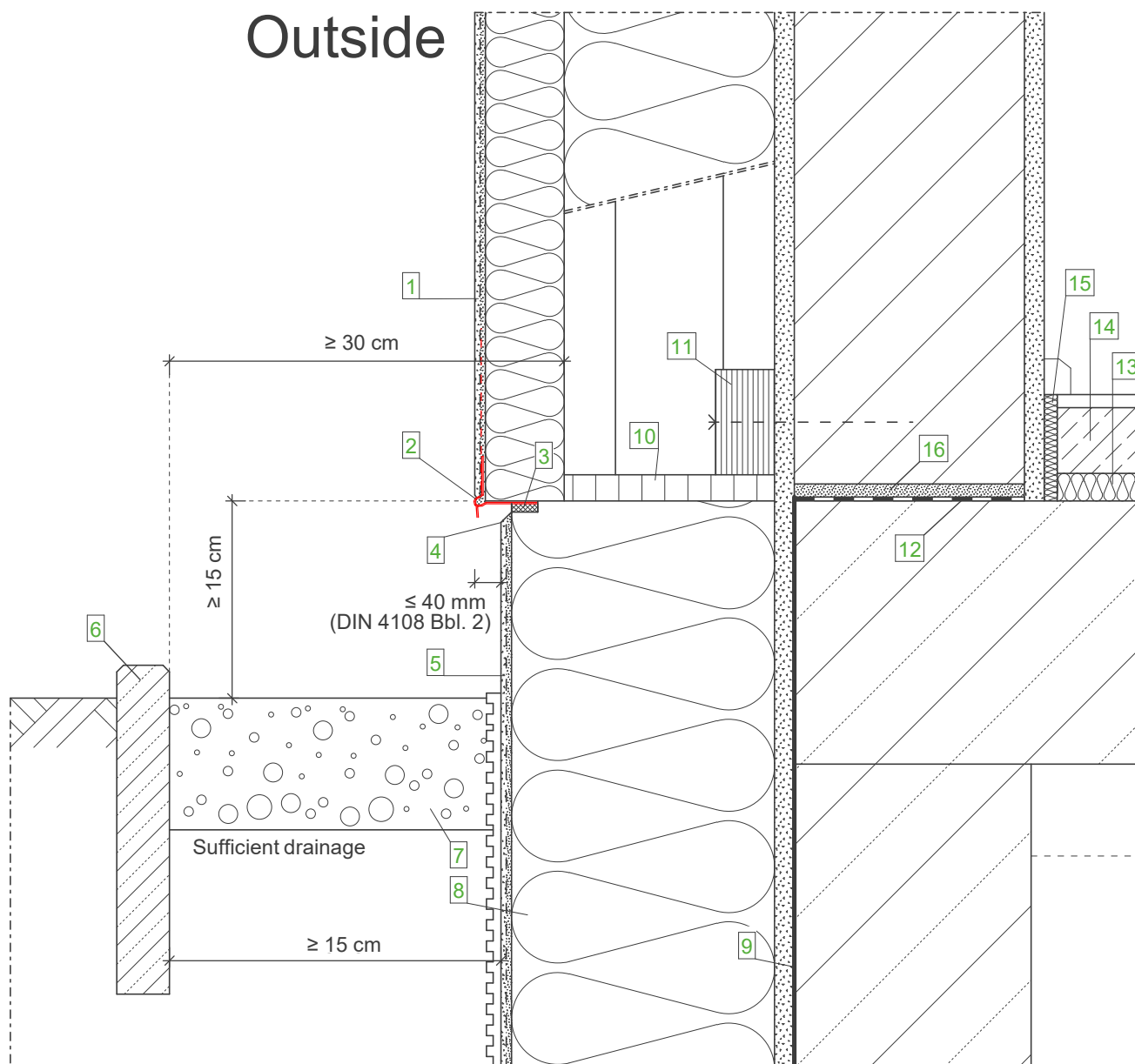
Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex/ zell/ floc
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | In splash water zone (up to min. 30 cm over ground level) apply cementitious tanking slurry as moisture protection layer between upper and lower render |
| 2 | DPC edge profile |
| 3 | Joint sealing tape |
| 4 | Trowelled joist |
| 5 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 6 | Garden edging |
| 7 | Gravel bed, grain size min. 16/32 |
| 8 | Perimeter insulation |
| 9 | Building weathering protection, min. 15 cm above ground level |
| 10 | Timber based panel product |
| 11 | Laminated Veneer Lumber STEICO LVL for vertical transfer loads |
| 12 | Bituminous sheeting |
| 13 | STEICOtherm/ STEICObase |
| 14 | Wet screed |
| 15 | STEICOsoundstrip |
| 16 | Mortar levelling layer |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - Lower edge threshold min. 15 cm over terrain top edge (gravel bed)

Datum: 12.03.2015

Detailnummer: AW-WDVS-MWHU-1-40

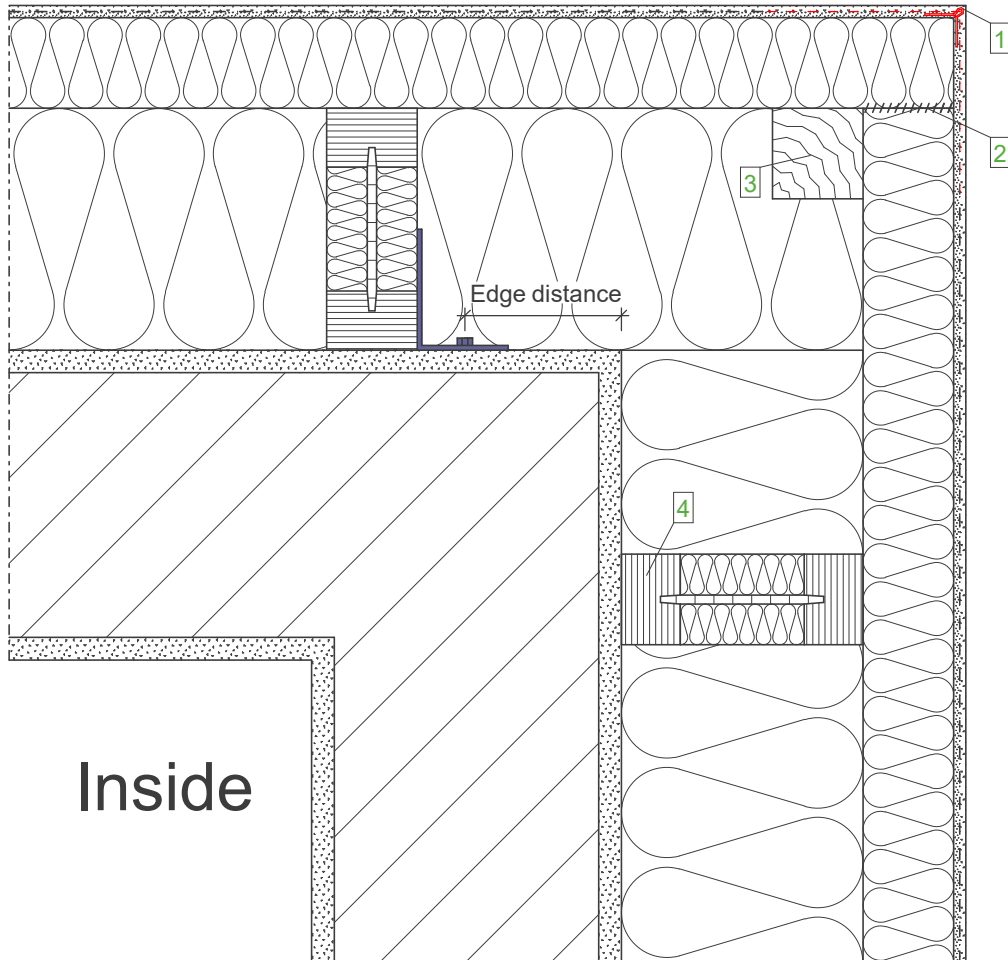
Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Wall construction (from inside to outside)


- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
solid timber
STEICOflex/ zell/ floc
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | Mesh corner angle |
| 2 | STEICOMulti fill glueing |
| 3 | Square timber
Broad back staples: min. 6 x 6 cm
Fixed with plate washers: min. 8 x 8 cm |
| 4 | STEICOWall with web insulation
optional solid timber possible |

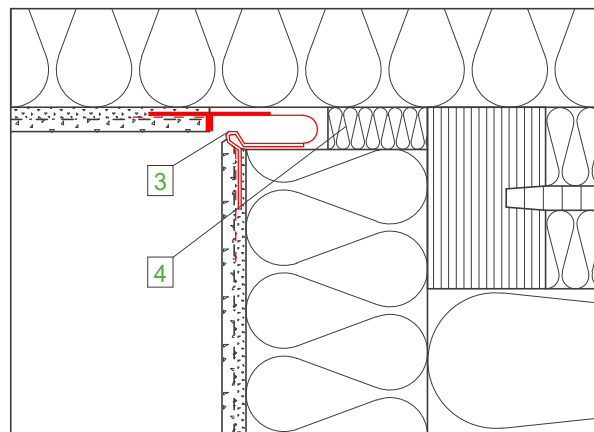
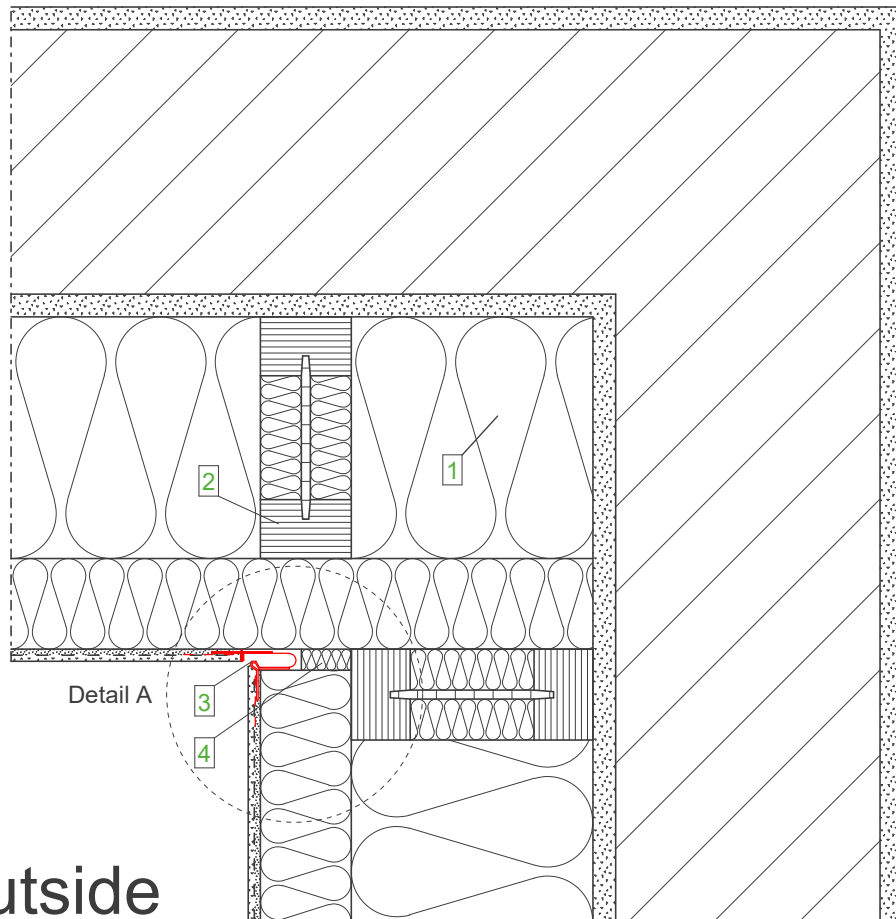
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Outside corner with STEICOWall edge beam			
Datum: 12.03.2015	Detailnummer: AW-WDVS-MWHU-2-10		
Änderung: 23.08.2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0	

Inside

Outside



Detail A, M 1:2,5

Wall construction
(from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex/ zell/ floc
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- 1 STEICOflex installed in advance
- 2 STEICOWall with web insulation
- optional solid timber possible
- 3 Expansion joint profile
- 4 STEICOflex

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Inside corner with STEICOWall edge beam

Datum: 12.03.2015

Detailnummer: AW-WDVS-MWHU-2-20

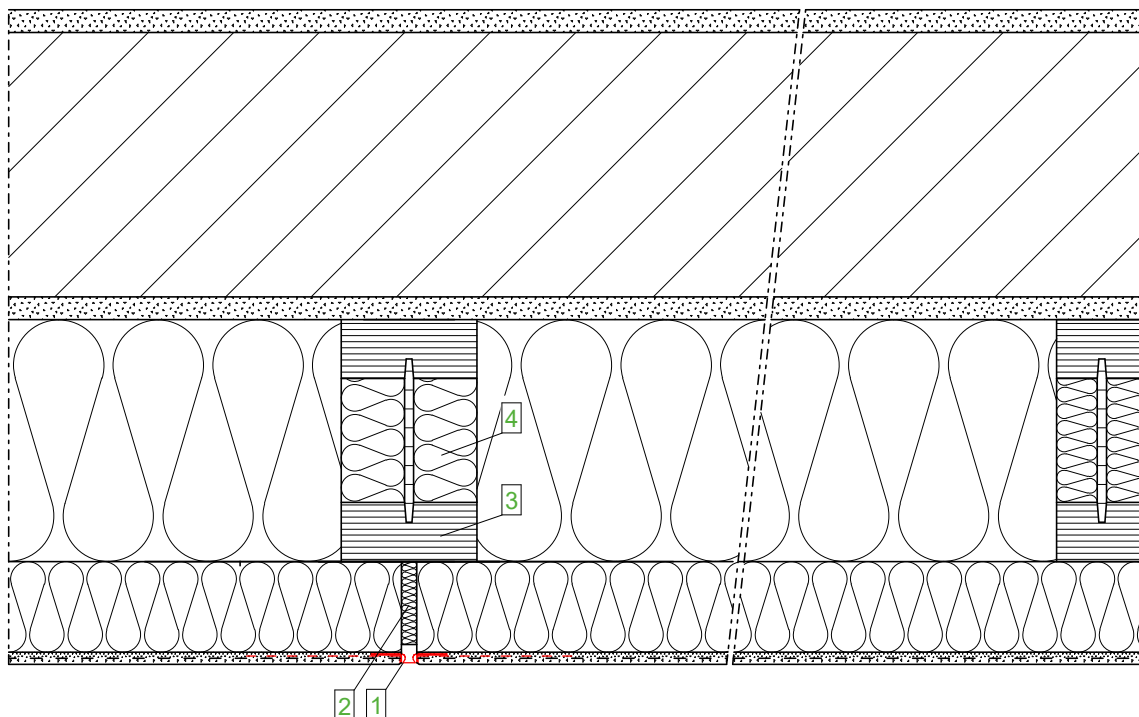
Änderung: 23.08.2017

Bearbeiter: A. Luz

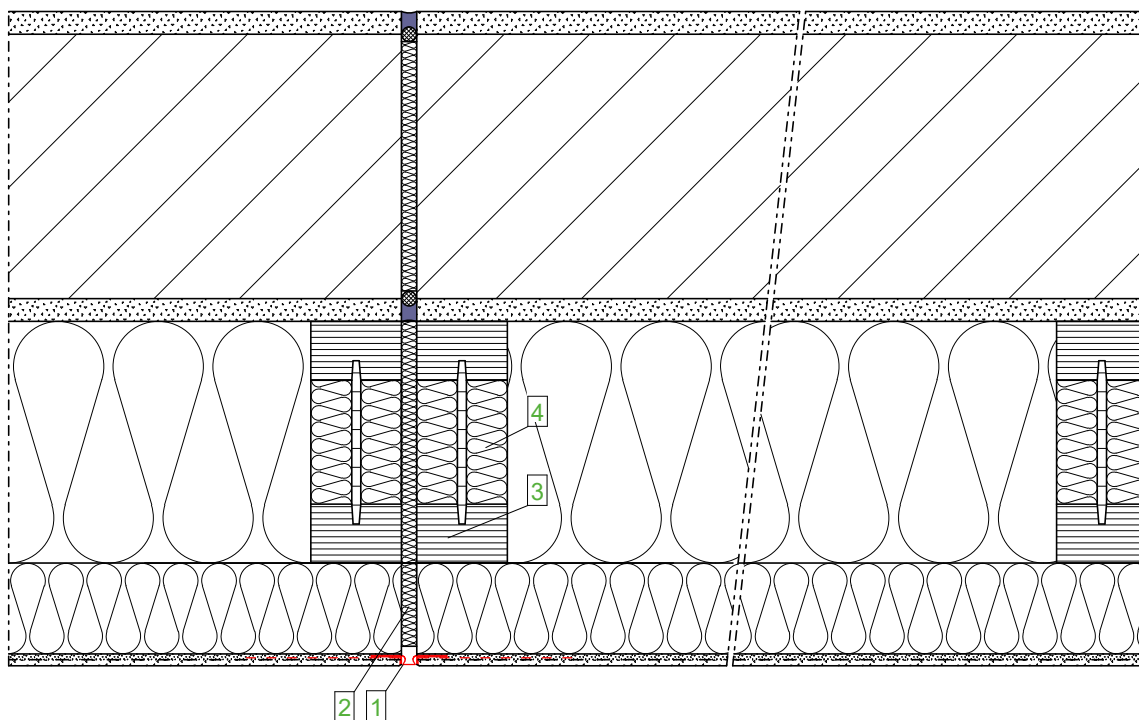
Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Variation 1: without expansion joint in masonry wall



Variation 2: with expansion joint in masonry wall



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex/ zell/ floc
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | Expansion joint profile
up to 12 mm flexible |
| 2 | STEICOflex |
| 3 | STEICOWall |
| 4 | Web insulation |

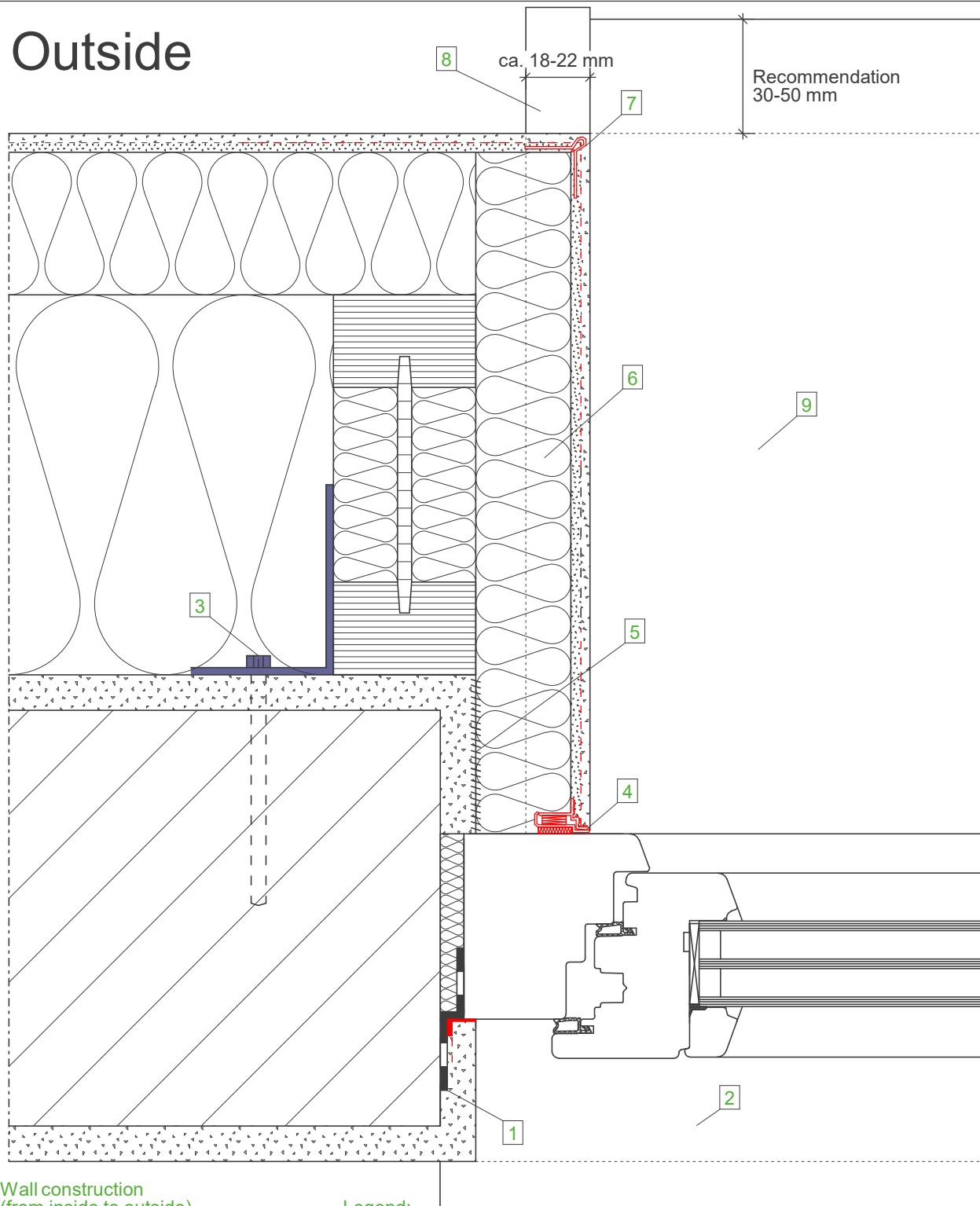
Important Note:

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External wall - Transitions - Expansion joint

Datum: 06.03.2015	Detailnummer: AW-WDVS-MWHU-2-30
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 5.0

Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex/ zell/ floc
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Window sill inside |
| 3 | Fix at the side due to edge distance |
| 4 | AN 100 mesh profile for plastering over |
| 5 | STEICOMulti fill |
| 6 | STEICOprotect H reveal board |
| 7 | Mesh corner angle |
| 8 | End profile for ETICS suitable |
| 9 | Aluminium window sill |

Inside

Important Note:

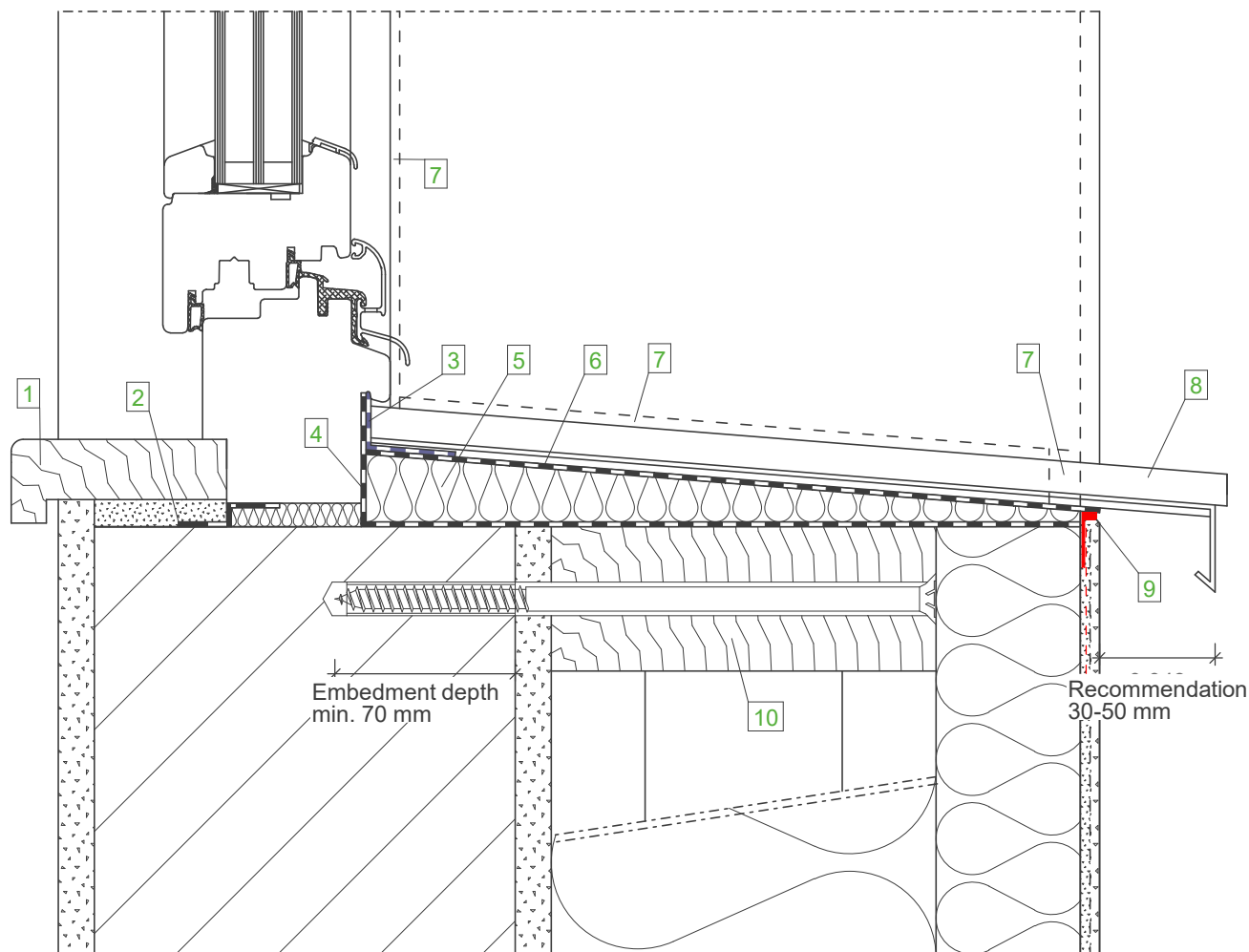
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - Side connection with reveal board, horizontal section

Datum: 06.03.2015	Detailnummer: AW-WDVS-MWHU-3-10
Änderung: 28.05.2019	Bearbeiter: A. Luz
	Maßstab: 1 : 2.5

Inside

Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex/ zell/ floc
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Window sill inside |
| 2 | Airtight window installation (DIN 4108-7) |
| 3 | STEICOMulti tape |
| 4 | STEICOMulti UDB |
| 5 | STEICOfix wood fibre insulation fillet |
| 6 | Bonded membrane on insulation fillet |
| 7 | Joint sealing tape |
| 8 | Aluminium window sill |
| 9 | Render stop profile |
| 10 | Timber connected with frame plugs (pre drilled) and fixed according to masonry construction (follow manufacturers guidance) |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - Bottom connection with reveal board, vertical section

Datum: 12.03.2015

Detailnummer: AW-WDVS-MWHU-3-20

Änderung: 23.08.2017

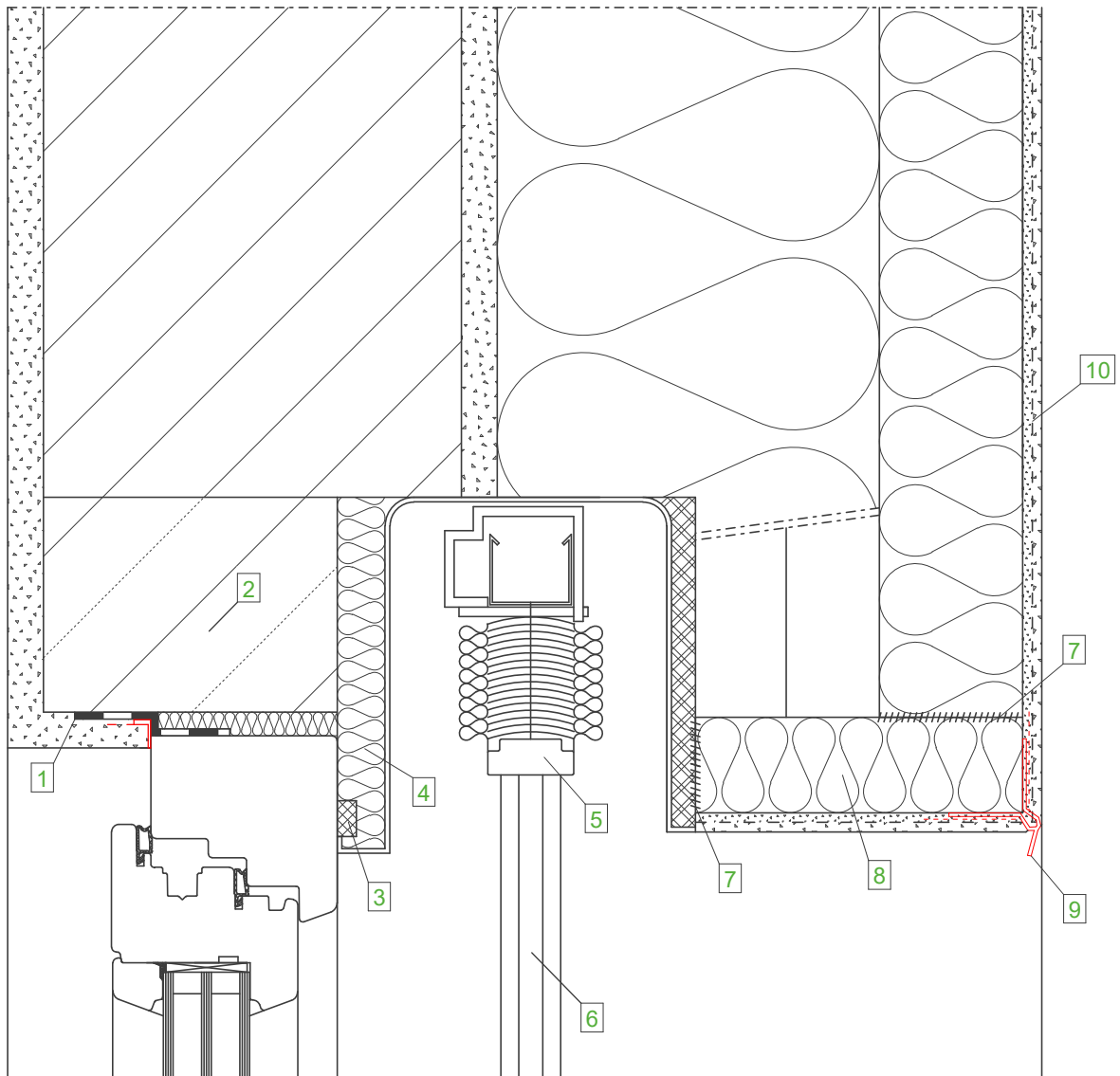
Bearbeiter: A. Luz

Maßstab: 1 : 3.0

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex/ zell/ floc
- STEICOprotect/ STEICOprotect dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Window lintel |
| 3 | Joint sealing tape |
| 4 | STEICOprotect H reveal board |
| 5 | Raffstore |
| 6 | Raffstore- guide rail |
| 7 | STEICOmulti fill |
| 8 | STEICOprotect H reveal board |
| 9 | Drip edge profile |
| 10 | Surface mesh |

Important Note:

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Raffstore - Window - Upper connection with reveal board, vertical section

Datum: 12.03.2015

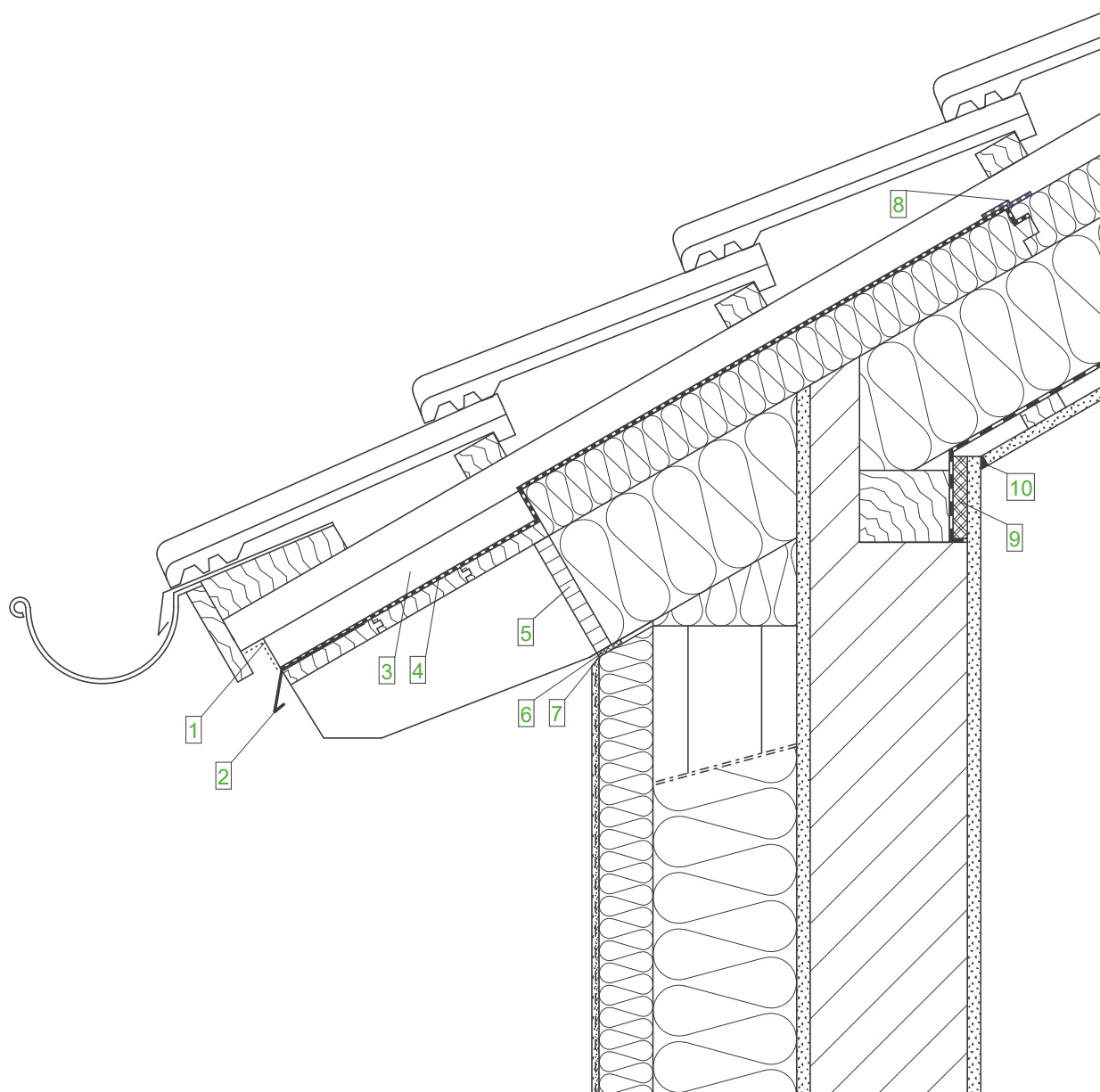
Detailnummer: AW-WDVS-MWHU-5-10

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 3.0

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex/ zell/ floc
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- solid timber rafter
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

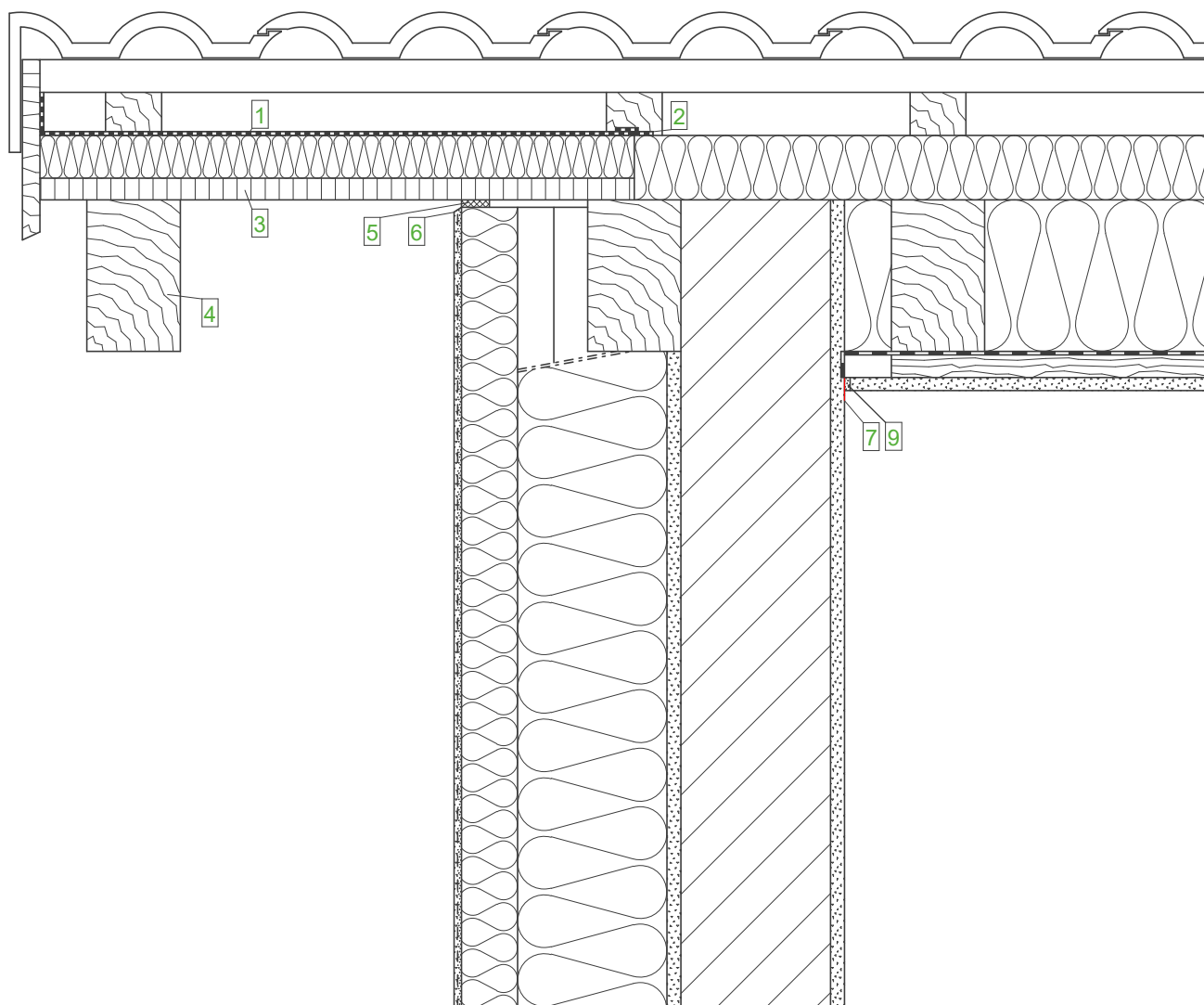
- | | |
|----|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Rafter doubling |
| 4 | STEICOMulti UDB (only in eaves zone) |
| 5 | Blocking panels |
| 6 | Joint sealing tape |
| 7 | Trowelled joist |
| 8 | STEICOMulti tape + STEICOMulti primer |
| 9 | Render board |
| 10 | Permanent elastic joint |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02.04.2015	Detailnummer: AW-WDVS-MWHU-6-10	
Änderung: 23.08.2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5



External wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex/ zell/ floc
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- solid timber rafter
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | STEICOMulti tape + STEICOMulti primer |
| 3 | Visible whitewood - three layer panels |
| 4 | Visible projecting roof rafter |
| 5 | Joint sealing tape |
| 6 | Trowelled joint |
| 7 | Separating strips |
| 8 | Joint trowel |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Verge, visible projecting roof rafter

Datum: 02.04.2015

Detailnummer: AW-WDVS-MWHU-6-20

Änderung: 23.08.2017

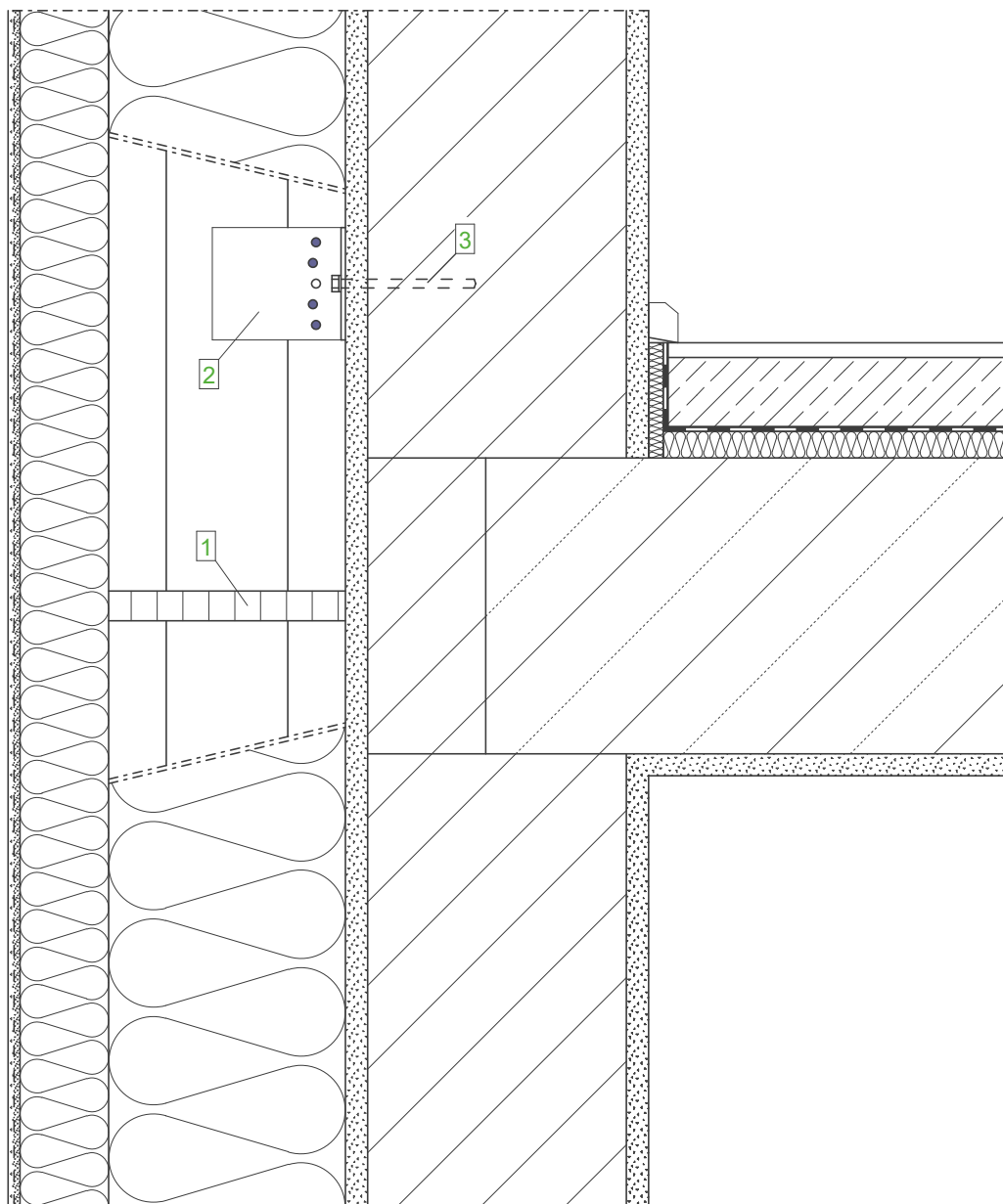
Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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Outside

Inside



External wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
STEICOflex/ zell/ floc
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Ceiling construction (from top to bottom)

- Floor covering
- Screeds
- Sheeting
- Impact sound insulation
- Reinforced concrete ceiling
- Render layer

Legend:

- | | |
|---|---|
| 1 | Timber based board for separating the insulation zone
Note:
Vertical insulation zones should be separated at each storey or a minimum of every 3m with a structural separation. The separation of the insulation zone increases the installation quality when using air injected insulations. |
| 2 | Approved angle connector
e.g. 90 mm x 48 mm x 76 mm
fixed with min. 4 CSA screws per angle |
| 3 | Approved frame plug |

Important Note:

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Ceiling - Transitions - I-Joist joint horizontal

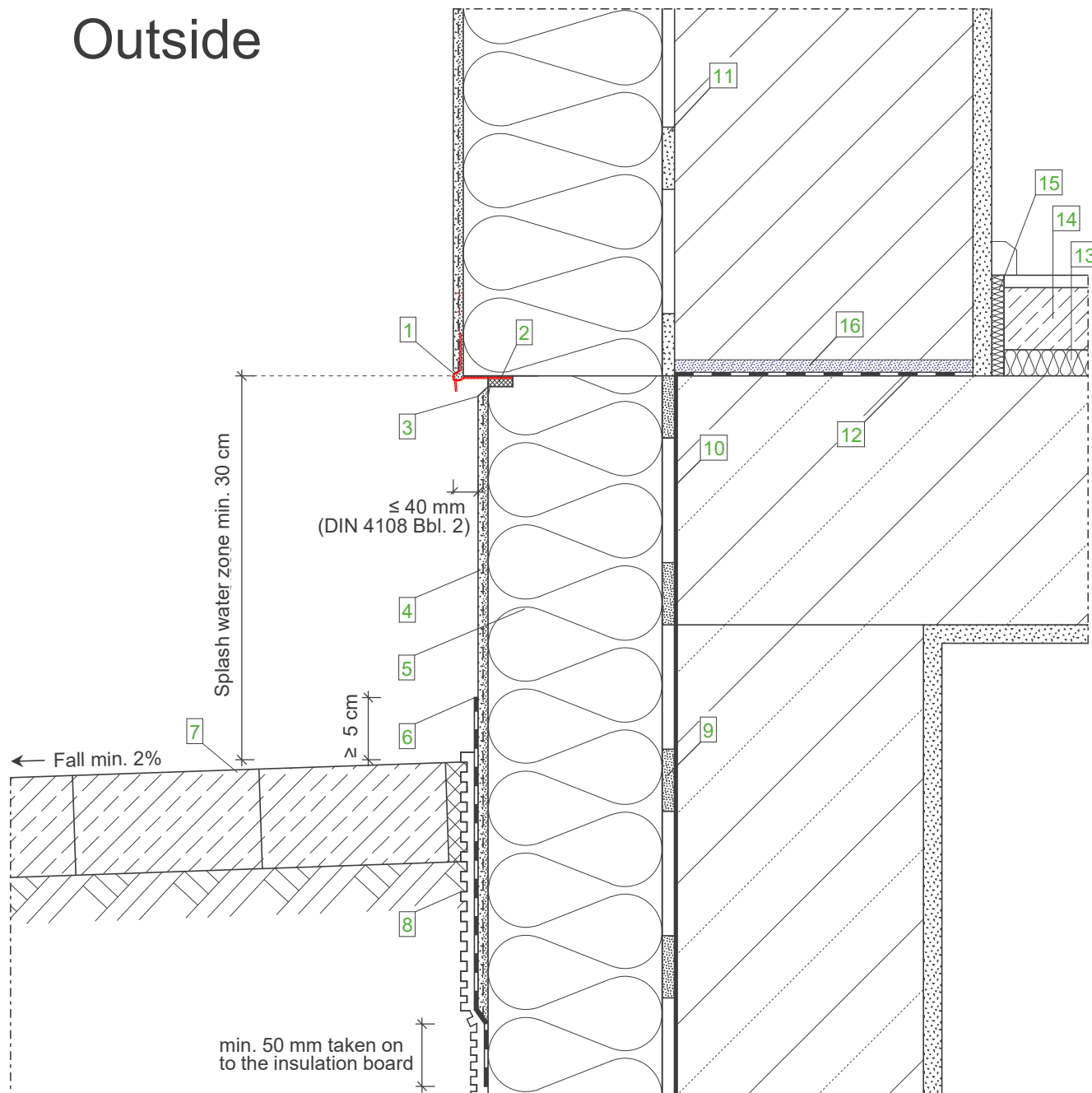
Datum: 12.03.2015	Detailnummer: AW-WDVS-MWHU-7-10
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 5.0

Enternal wall - ETICS - Masonry wall glued and plugged

Wall construction (New build)
(from inside to outside)

Nr.	Material	Thickness in cm
1	Inside render	1.50
2	Masonry wall	24.00
3	Mortar resin	1.00
4	STEICOprotect L dry	16.00
5	Approved plaster system	0.80

Outside



Legend:

Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Mortar resin
- STEICOprotect L dry
- Approved plaster system

- | | |
|----|---|
| 1 | DPC edge profile |
| 2 | Joint sealing tape |
| 3 | Trowelled joist |
| 4 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 5 | Perimeter insulation |
| 6 | Flexible, mineral render sealing |
| 7 | Finished floor covering (= water-carrying layer) min. 2% fall |
| 8 | Protective layer, e.g. dimpled drainage layer |
| 9 | Mortar resin suitable for weathering protection |
| 10 | Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level |
| 11 | Mortar resin |
| 12 | Bituminous sheeting |
| 13 | STEICOtherm/ STEICObase |
| 14 | Wet screed |
| 15 | STEICOsoundstrip |
| 16 | Mortar levelling layer |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - New build - Heated basement - Ground level below top edge of concrete ceiling

Datum: 12.03.2015

Detailnummer: AW-WDVS-MWG-1-10

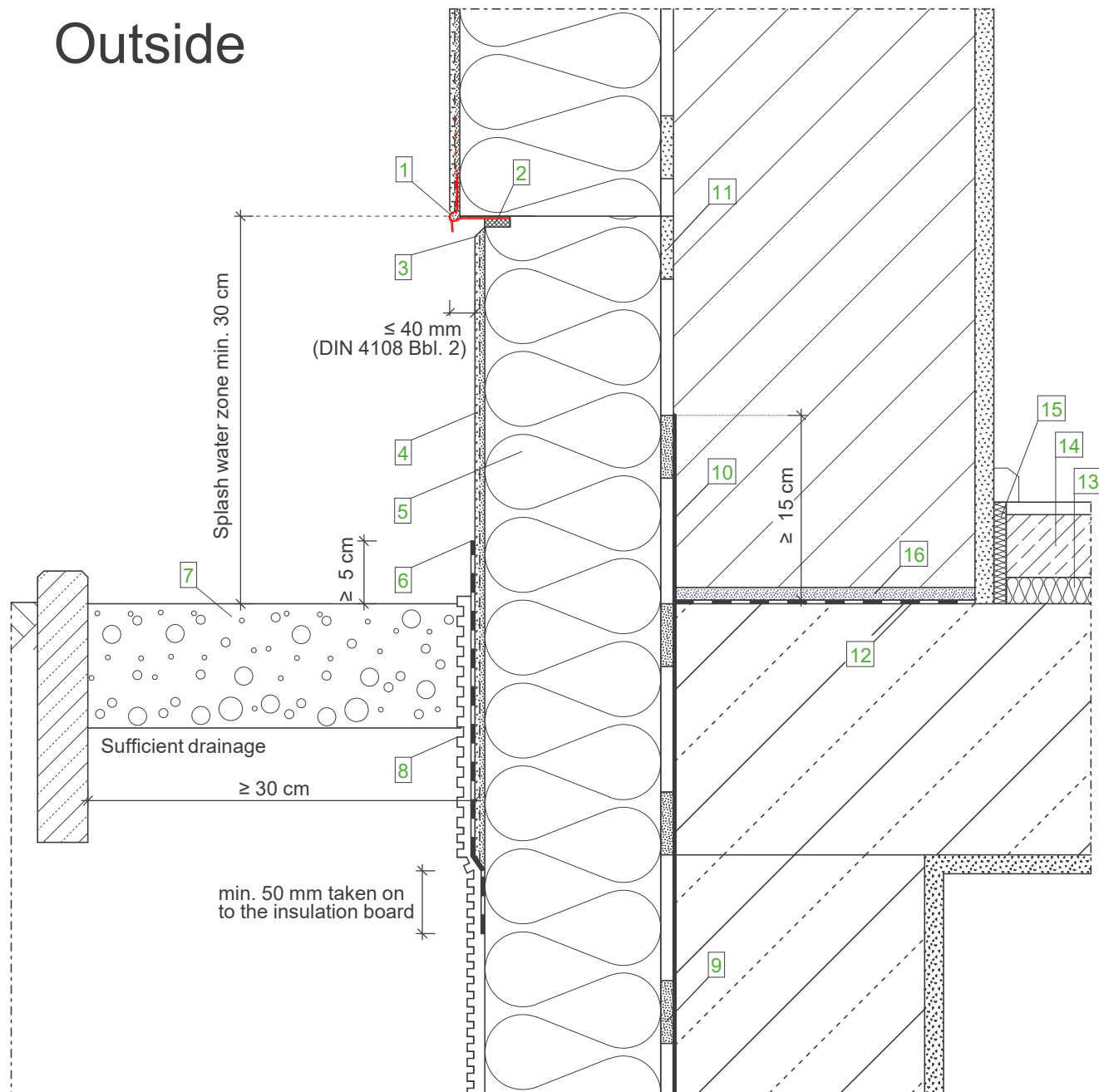
Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Mortar resin
- STEICOPROTECT L dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | DPC edge profile |
| 2 | Joint sealing tape |
| 3 | Trowelled joist |
| 4 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 5 | Perimeter insulation |
| 6 | Flexible, mineral render sealing |
| 7 | Gravel bed, grain size min. 16/32 |
| 8 | Protective layer, e.g. dimpled drainage layer |
| 9 | Mortar resin suitable for weathering protection |
| 10 | Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level |
| 11 | Mortar resin |
| 12 | Bituminous sheeting |
| 13 | STEICOtherm/ STEICObase |
| 14 | Wet screed |
| 15 | STEICOSoundstrip |
| 16 | Mortar levelling layer |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - New build - Heated basement - Ground level on top edge of concrete ceiling

Datum: 12.03.2015

Detailnummer: AW-WDVS-MWG-1-20

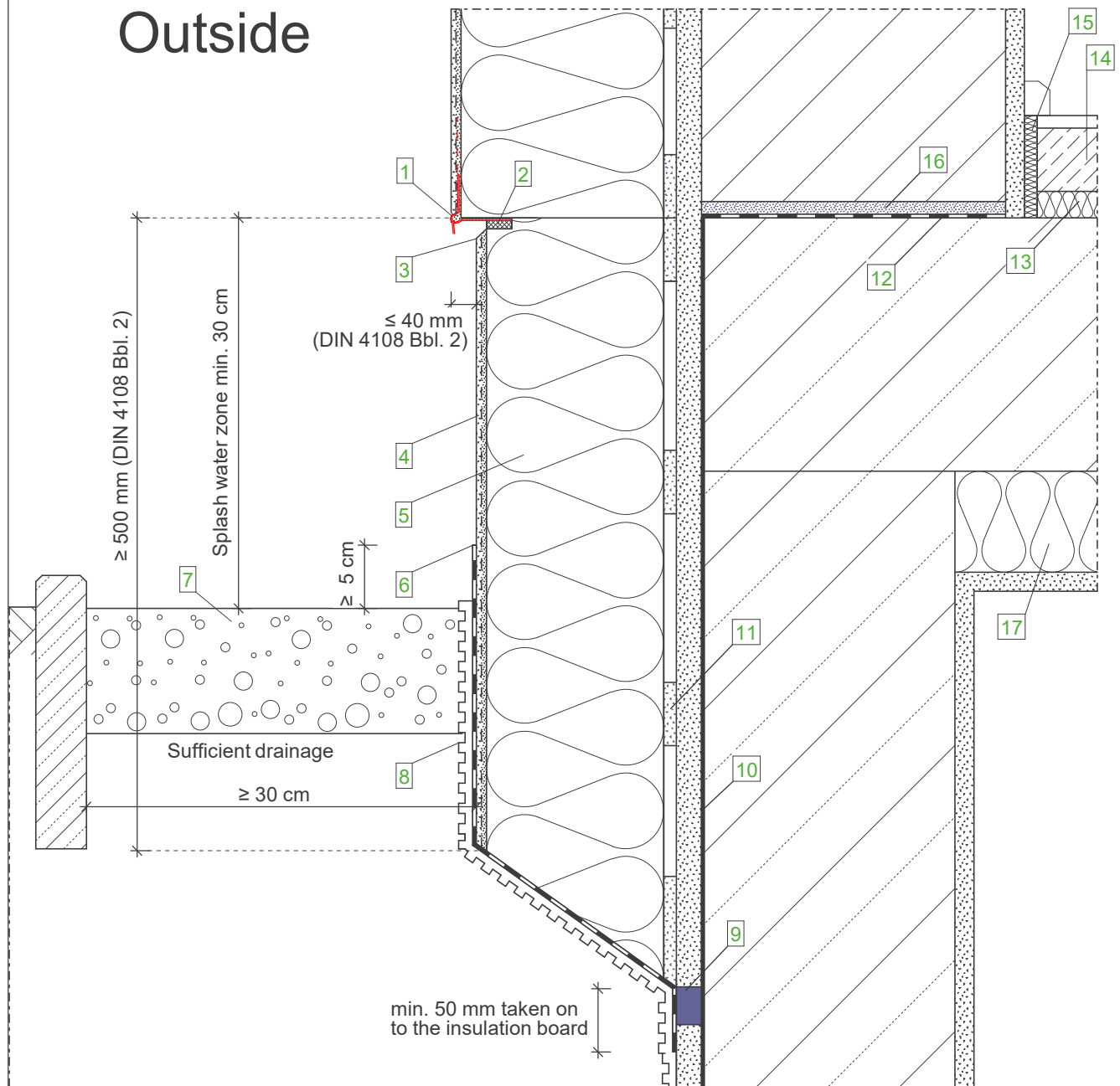
Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Legend:

Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Mortar resin
- STEICOprotect L dry
- Approved plaster system

- | | |
|----|--|
| 1 | DPC edge profile |
| 2 | Joint sealing tape |
| 3 | Trowelled joist |
| 4 | Below DPC render in accordance with render recommendation in ground enviroment with flexible, mineral render sealing |
| 5 | Perimeter insulation |
| 6 | Flexible, mineral render sealing |
| 7 | Gravel bed, grain size min. 16/32 |
| 8 | Protective layer, e.g. dimpled drainage layer |
| 9 | Capillary breaking seperation approx. 20mm wide, sealed with a flexible mineral sealant |
| 10 | Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level |
| 11 | Mortar resin suitable for old render |
| 12 | Bituminous sheeting |
| 13 | STEICOtherm/ STEICObase |
| 14 | Wet screed |
| 15 | STEICOsoundstrip |
| 16 | Mortar levelling layer |
| 17 | Basement ceiling insulation in accordance with requirements |

Important Note:

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DPC - Existing - Un-heated basement - Ground level below top edge of concrete ceiling

Datum: 12.03.2015

Detailnummer: AW-WDVS-MWG-1-30

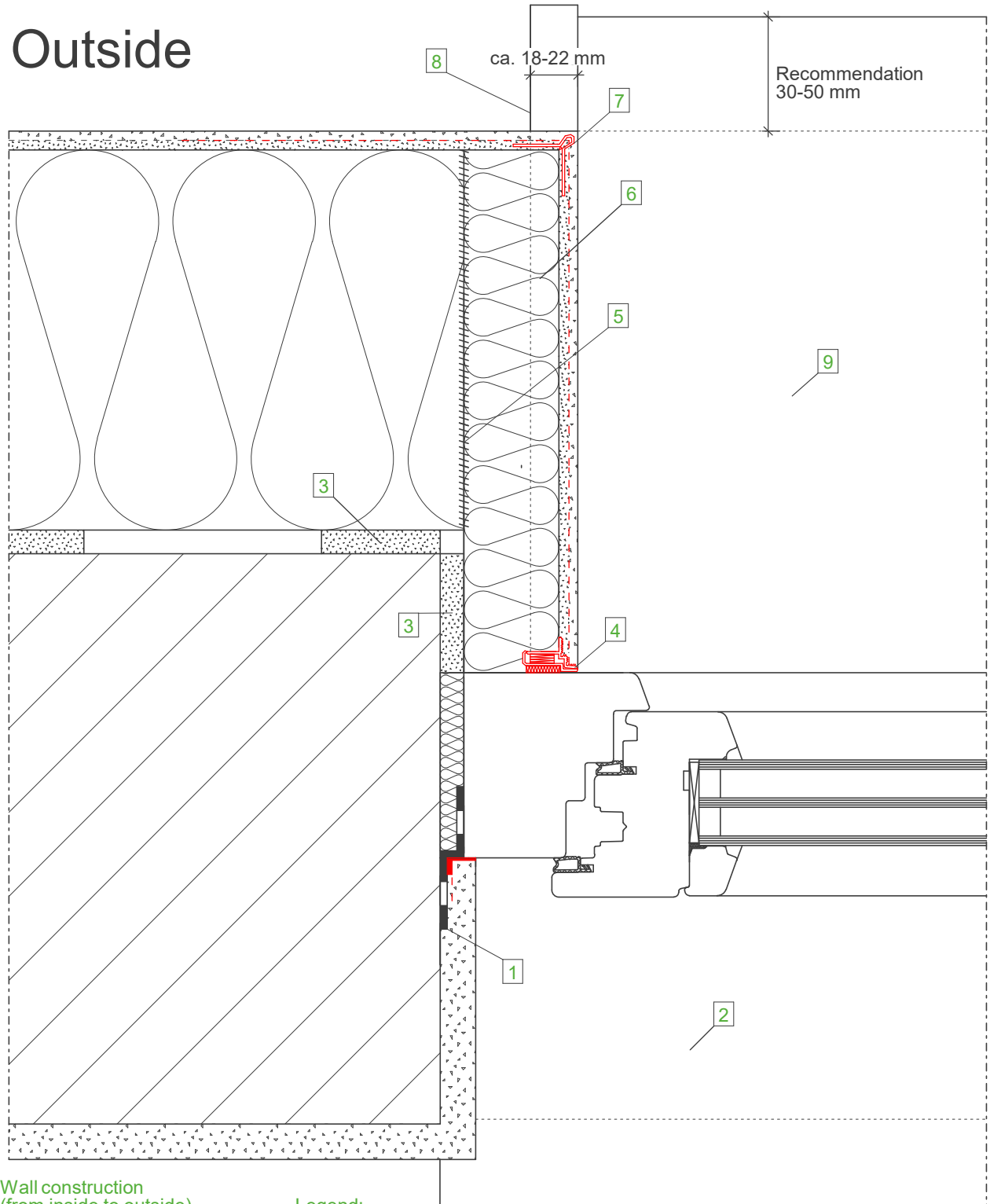
Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Mortar resin
- STEICOprotect L dry
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Window sill inside |
| 3 | Mortar resin |
| 4 | AN 100 mesh profile for plastering over |
| 5 | STEICOMulti fill glueing |
| 6 | STEICOprotect reveal board 40 mm |
| 7 | Mesh corner angle |
| 8 | End profile for ETICS suitable |
| 9 | Aluminium window sill |

Important Note:

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Window - New build - Side connection with reveal board, horizontal section

Datum: 06.03.2015

Detailnummer: AW-WDVS-MWG-3-10

Änderung: 28.05.2019

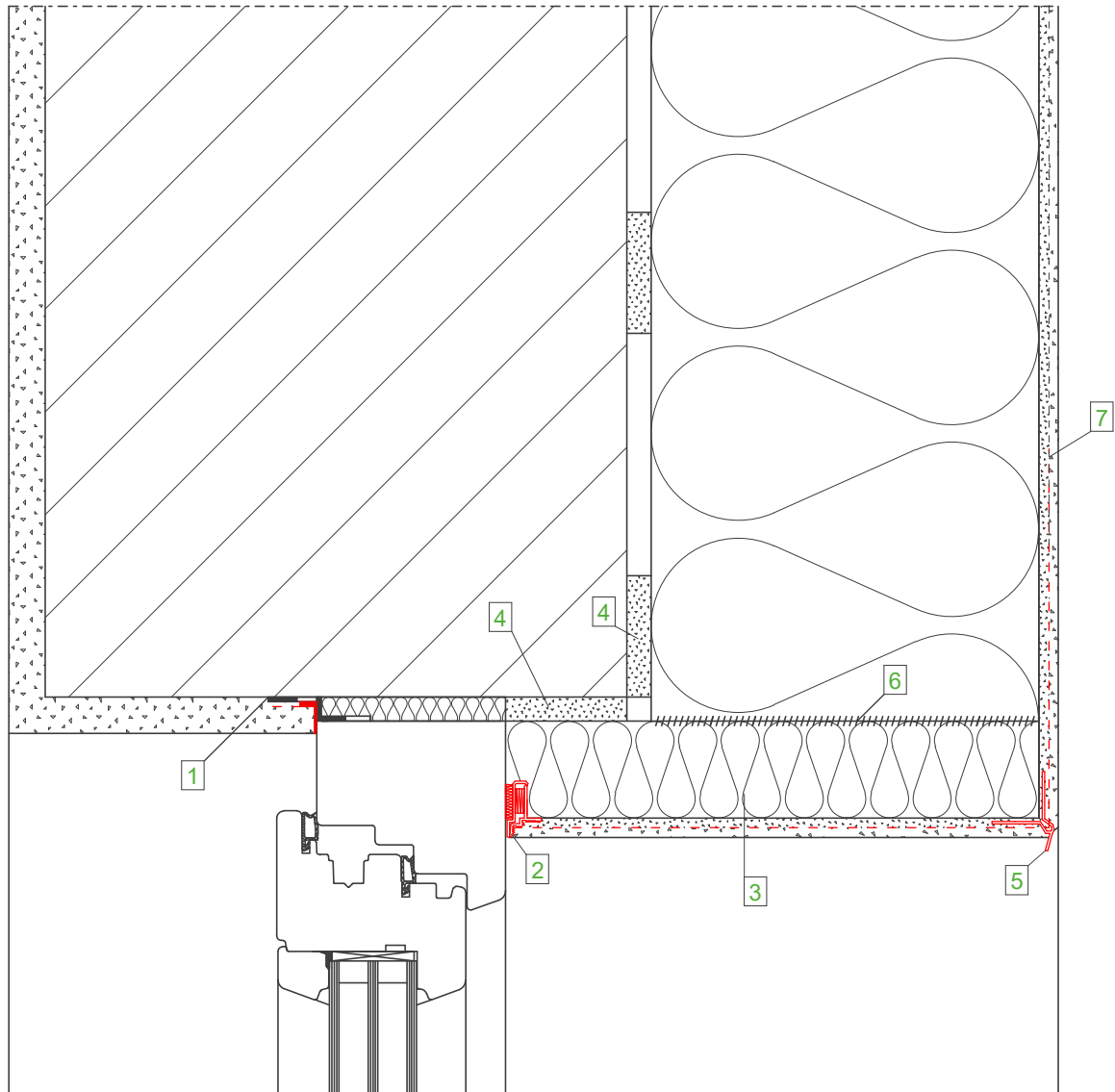
Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Mortar resin
- STEICOprotect L dry
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | AN 100 mesh profile for plastering over |
| 3 | STEICOprotect reveal board 40 mm |
| 4 | Mortar resin |
| 5 | Drip edge profile |
| 6 | STEICOMulti fill glueing |
| 7 | Surface mesh |

Important Note:

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Window - New build - Upper connection with reveal board, vertical section

Datum: 11.03.2015

Detailnummer: AW-WDVS-MWG-3-20

Änderung: 28.05.2019

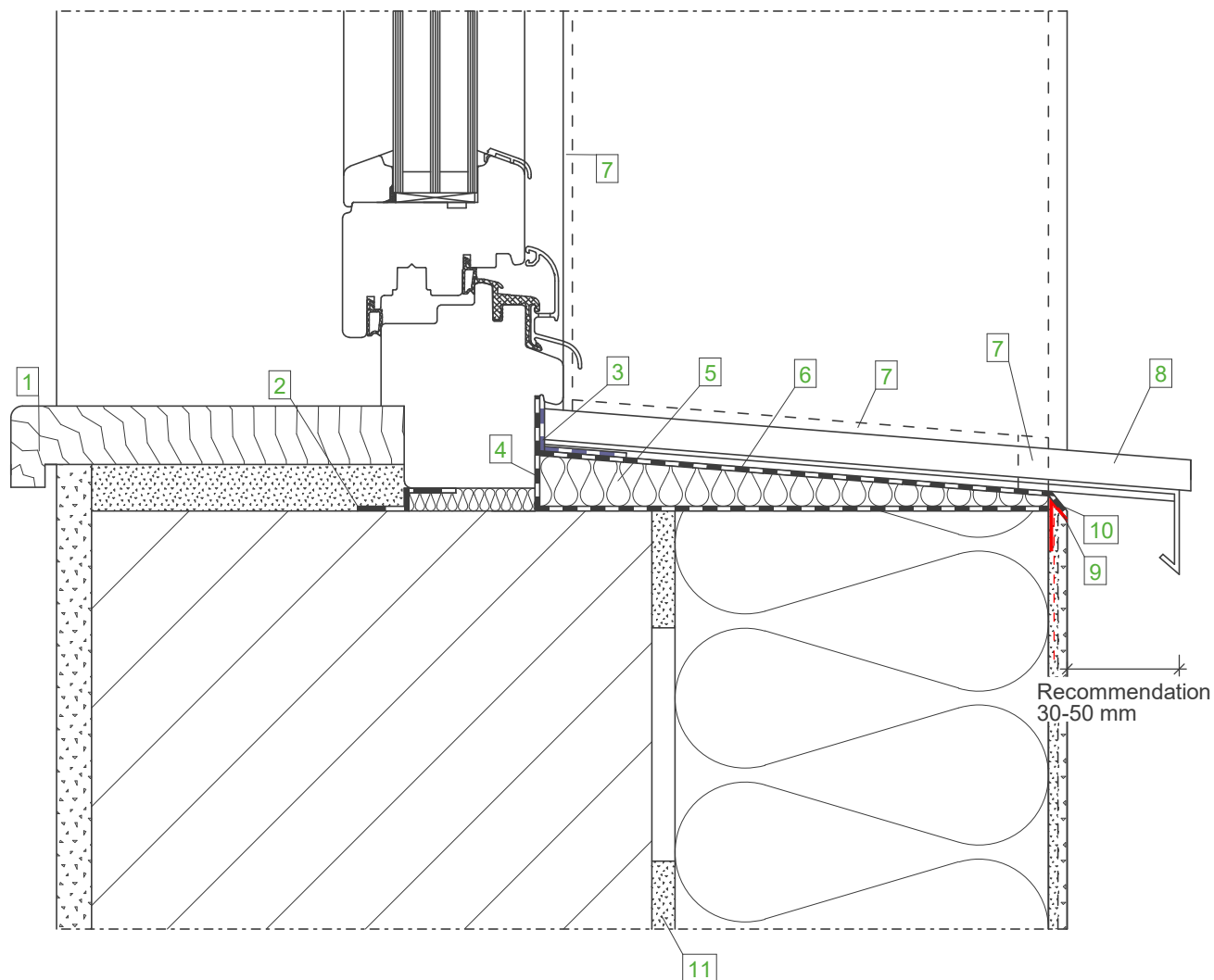
Bearbeiter: A. Luz

Maßstab: 1 : 3.0

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Mortar resin
- STEICOPROTECT L dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Window sill inside |
| 2 | Airtight window installation (DIN 4108-7) |
| 3 | STEICOMulti tape |
| 4 | STEICOMulti UDB |
| 5 | STEICOfix wood fibre insulation fillet |
| 6 | Bonded membrane on wood fibre insulation fillet |
| 7 | Joint sealing tape |
| 8 | Aluminium window sill |
| 9 | Parapet profile |
| 10 | STEICOMulti fill glueing |
| 11 | Mortar resin |

Important Note:

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Window - New building - Bottom connection with reveal board, vertical section

Datum: 12.03.2015

Detailnummer: AW-WDVS-MWG-3-30

Änderung: 04.04.2017

Bearbeiter: A. Luz

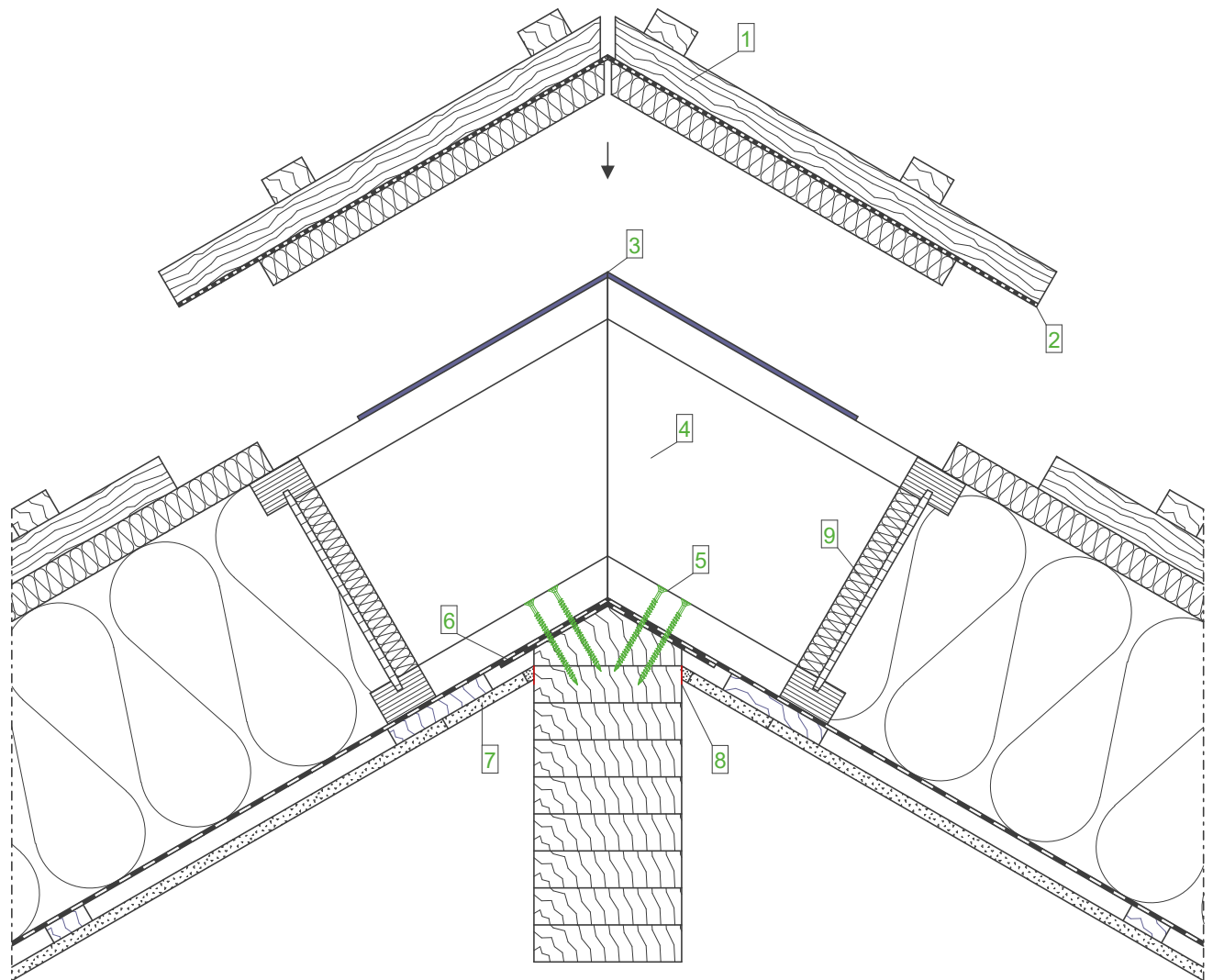
Maßstab: 1 : 3.0

STEICO
natürlich besser dämmen

Roof - Pitched roof - Between rafter insulation

Roof construction
(from inside to outside)

Nr.	Material	Thickness in cm
1	Plasterboard	1.25
2	Batten 24 x 48	2.40
3	Vapour barrier	-
4	STEICOflex with STEICO joist 60/300	30.00
5	STEICUniversal	3.50
6	Counter batten 40 x 60	4.00
7	Support batten 30 x 50	3.00
8	Roof covering	



Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

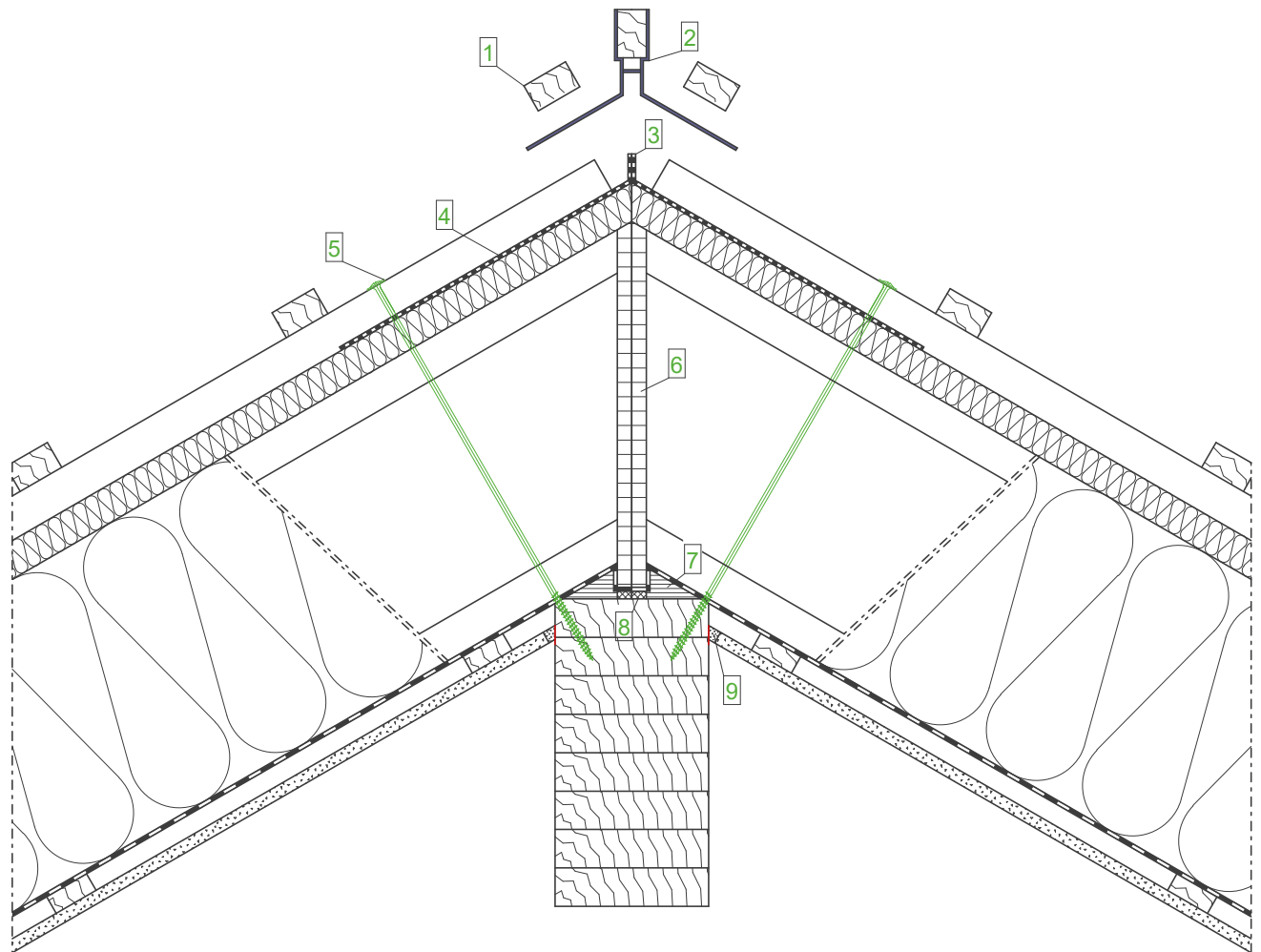
- | | |
|---|--|
| 1 | Mounting cover fixed after screwing of the STEICO joist on the ridge purlin and filling of the insulation zone |
| 2 | STEICOMulti UDB |
| 3 | Possibly tension strap (DN > 30°) |
| 4 | Ridge area after element assembly filled with STEICOflex |
| 5 | Fully threaded screws max. t = 6 mm (pre-drilled). |
| 6 | Place sheeting strips (vapour barrier) above ridge purlin before assembly of the roof elements and then connect together |
| 7 | Plasterboard mounting cover |
| 8 | Filling with separating strips on the ridge purlin |
| 9 | Web insulation |

Important Note:

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Ridge - Sloped purlin - Element assembly with fixing point

Datum: 23.03.2015	Detailnummer: DA-SD-ZSD-1-10
Änderung: 11.06.2019	Bearbeiter: A. Luz
	Maßstab: 1 : 7.5



Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

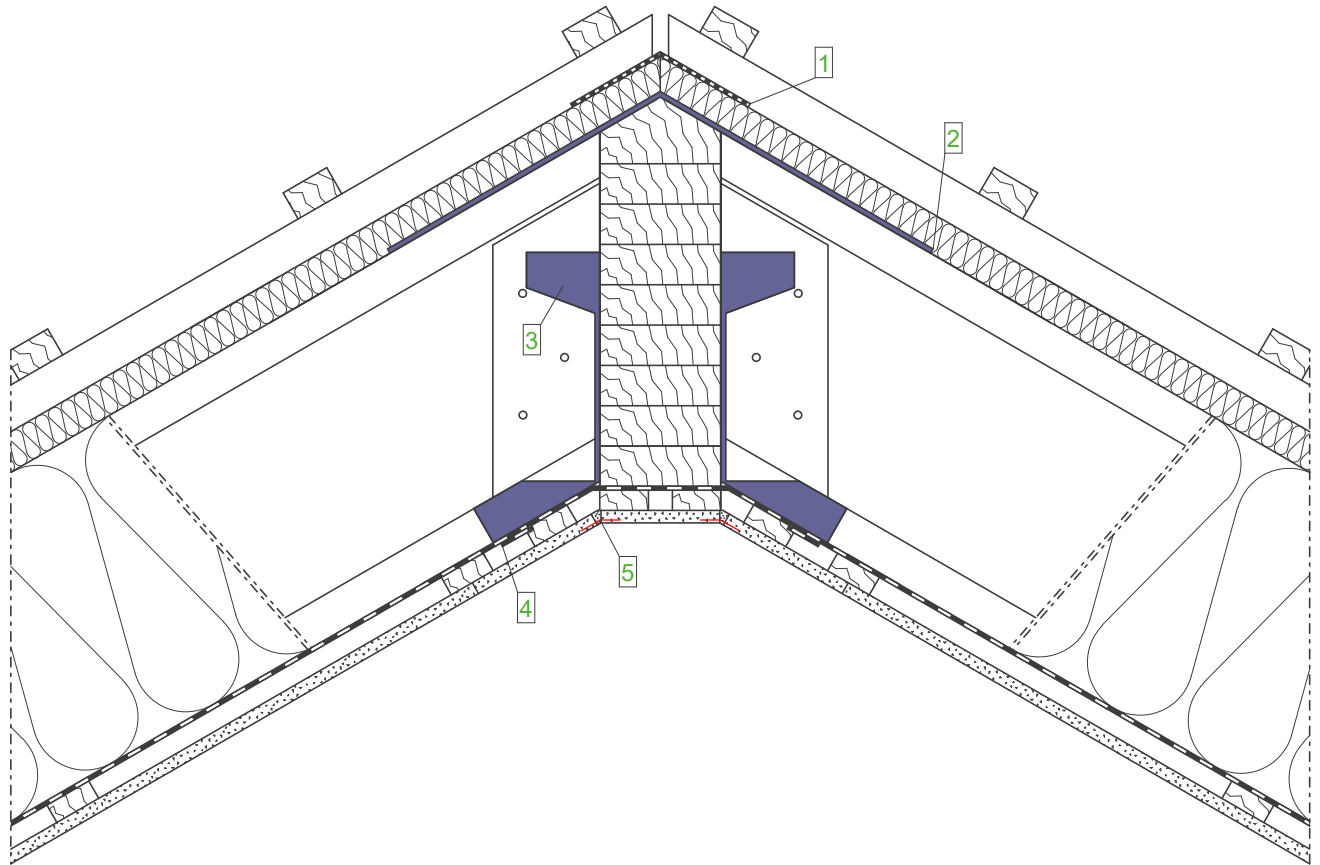
- | | |
|---|---|
| 1 | Last support batten, on-site assembled |
| 2 | Ridge batten holder, on-site assembled |
| 3 | Roofing felt taped on the ridge |
| 4 | STEICOMulti UDB, only in ridge area |
| 5 | Part thread screw (mushroom top), (pre-drilled) |
| 6 | Element end e.g. 15 mm OSB,
if required consider insulating between elements |
| 7 | Support fillet, Laminated Veneer Lumber STEICO LVL R |
| 8 | Pre-compressed sealing tape connected to element |
| 9 | Filling with separating strips on the ridge purlin
(separating strips cut off after filling) |

Important Note:

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Ridge - Rectangular purlin - Element assembly

Datum: 23.03.2015	Detailnummer: DA-SD-ZSD-1-20
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 7.5



**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

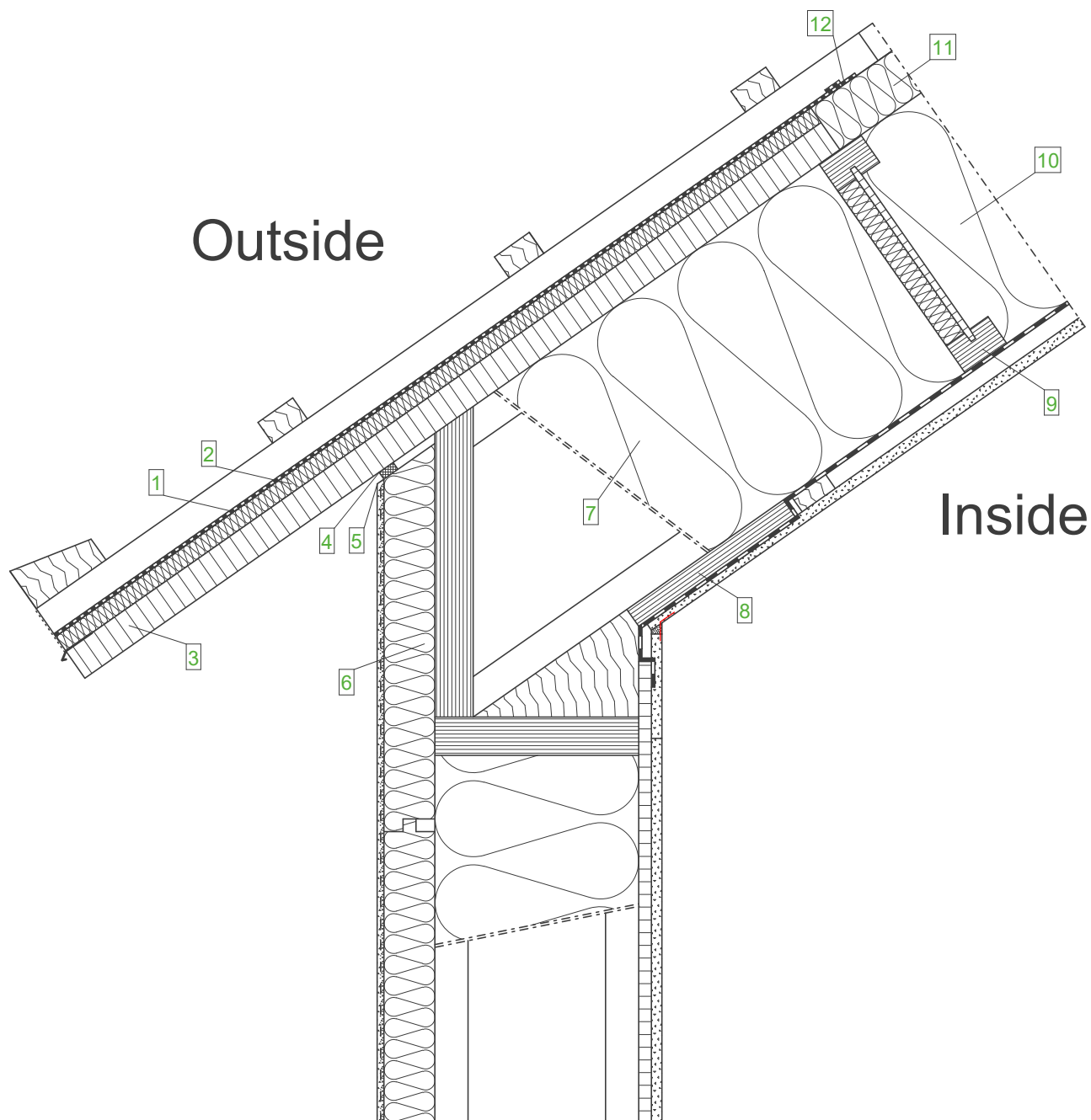
Legend:

- | | |
|---|--|
| 1 | STEICOMulti tape + STEICOMulti primer |
| 2 | Possibly tension strap (DN > 30°) |
| 3 | Steel sheet e.g. LSSUI 35 "Simpson Strong-Tie" |
| 4 | Taping (vapour barrier stripe), airtight tape |
| 5 | Paper joint re-inforcement band filled |

Important Note:

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Ridge - Side connection with metalwork		
Datum: 23.03.2015	Detailnummer: DA-SD-ZSD-1-30	
Änderung: 23.08.2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/
- STEICOprotect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | STEICOmulti UDB (only in eaves zone) |
| 2 | STEICOuniversal 22 mm, assembled on site |
| 3 | STEICO LVL-X 39 mm with surface treatment, on site fitted projecting roof board |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOprotect/ STEICOprotect dry, adjusted on site |
| 7 | STEICOflex in assembled frame |
| 8 | STEICO LVL X sheat cleat |
| 9 | I-Joist as studs |
| 10 | STEICOflex/ zell/ floc in insulation zone |
| 11 | STEICOuniversal 60 mm, factory assembled |
| 12 | STEICOmulti tape + STEICOmulti primer |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)

Datum: 02.04.2015

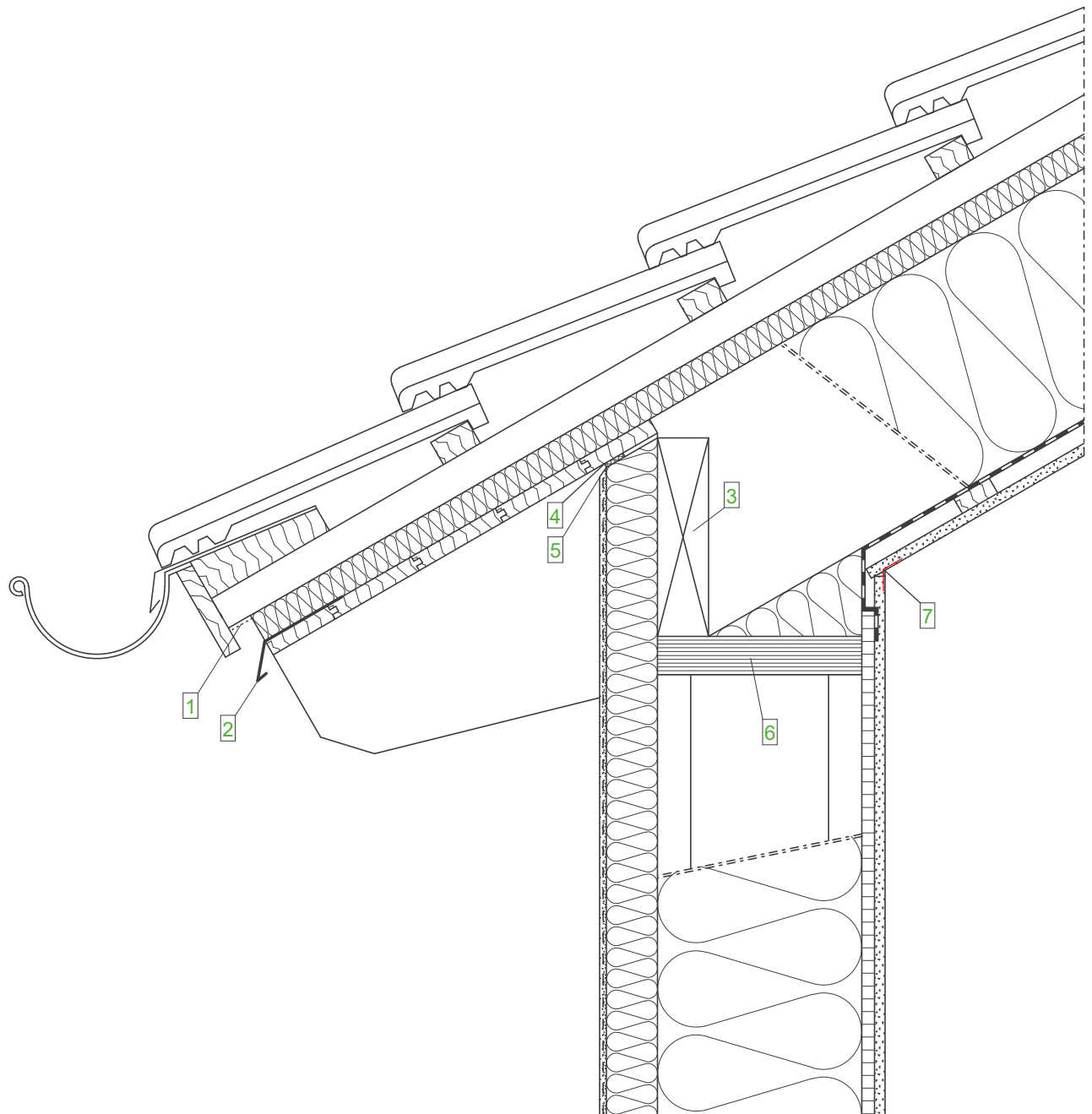
Detailnummer: AW-WDVS-HRB-6-10

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- Solid wood rafter (Glulam)
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking between the rafters |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Paper joint re-inforcement band filled |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter

Datum: 02.04.2015

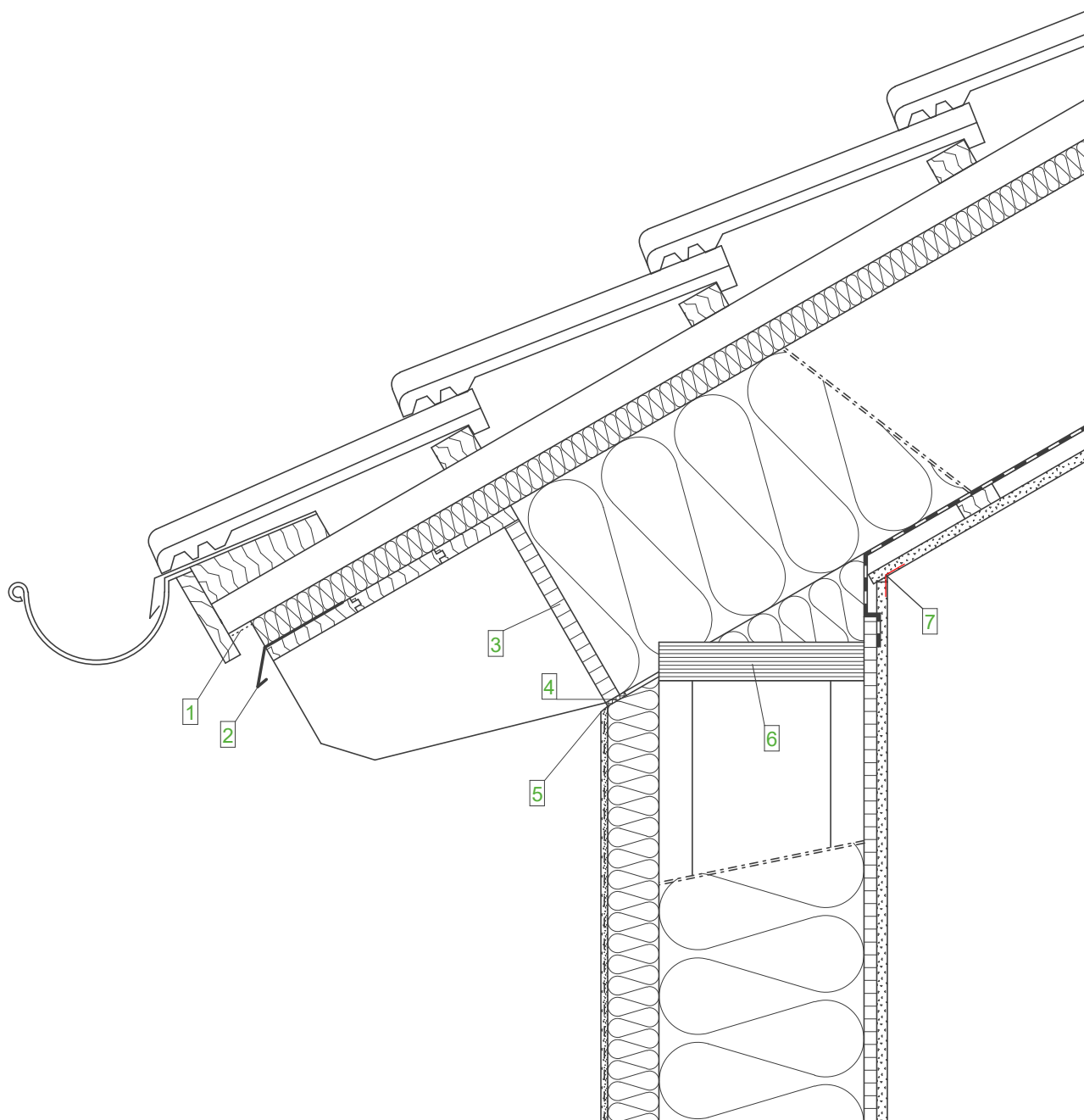
Detailnummer: AW-WDVS-HRB-6-30

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- Solid wood rafter (Glulam)
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

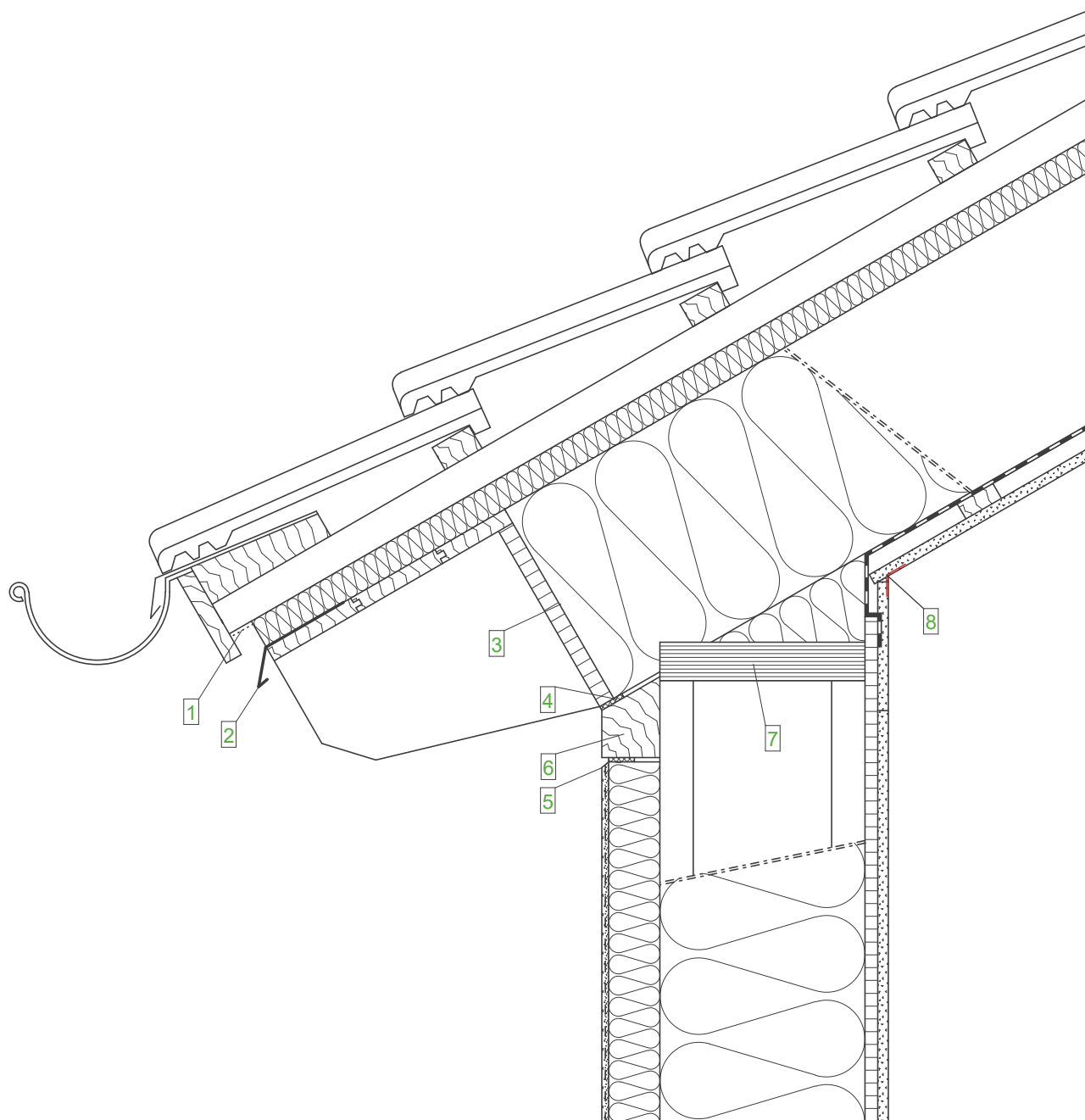
- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Paper joint re-inforcement band fille |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02.04.2015	Detailnummer: AW-WDVS-HRB-6-40	
Änderung: 23.08.2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- Solid wood rafter (Glulam)
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | End timber |
| 7 | STEICO LVL Laminated Veneer Lumber |
| 8 | Paper joint re-inforcement band |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, with end timber (element assembly)

Datum: 02.04.2015

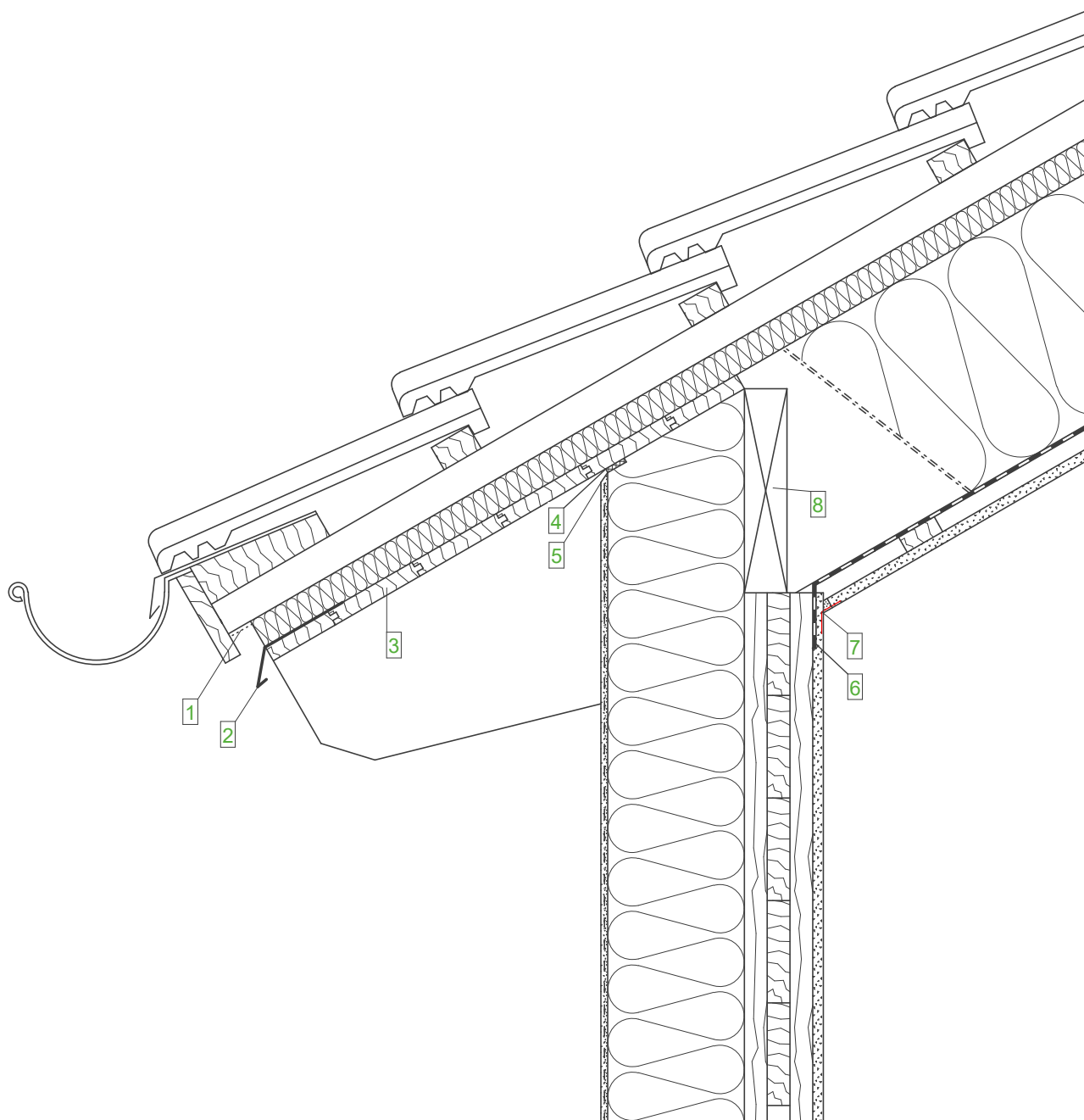
Detailnummer: AW-WDVS-HRB-6-50

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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External wall construction (from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect/ STEICOprotect dry,
fixed with plate washers
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- solid wood rafter (glulam)
- STEICUniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Visible eaves sheathing |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOmultiplex tape |
| 7 | Paper joint re-inforcement band filled |
| 8 | Batten between the rafter |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter

Datum: 02.04.2015

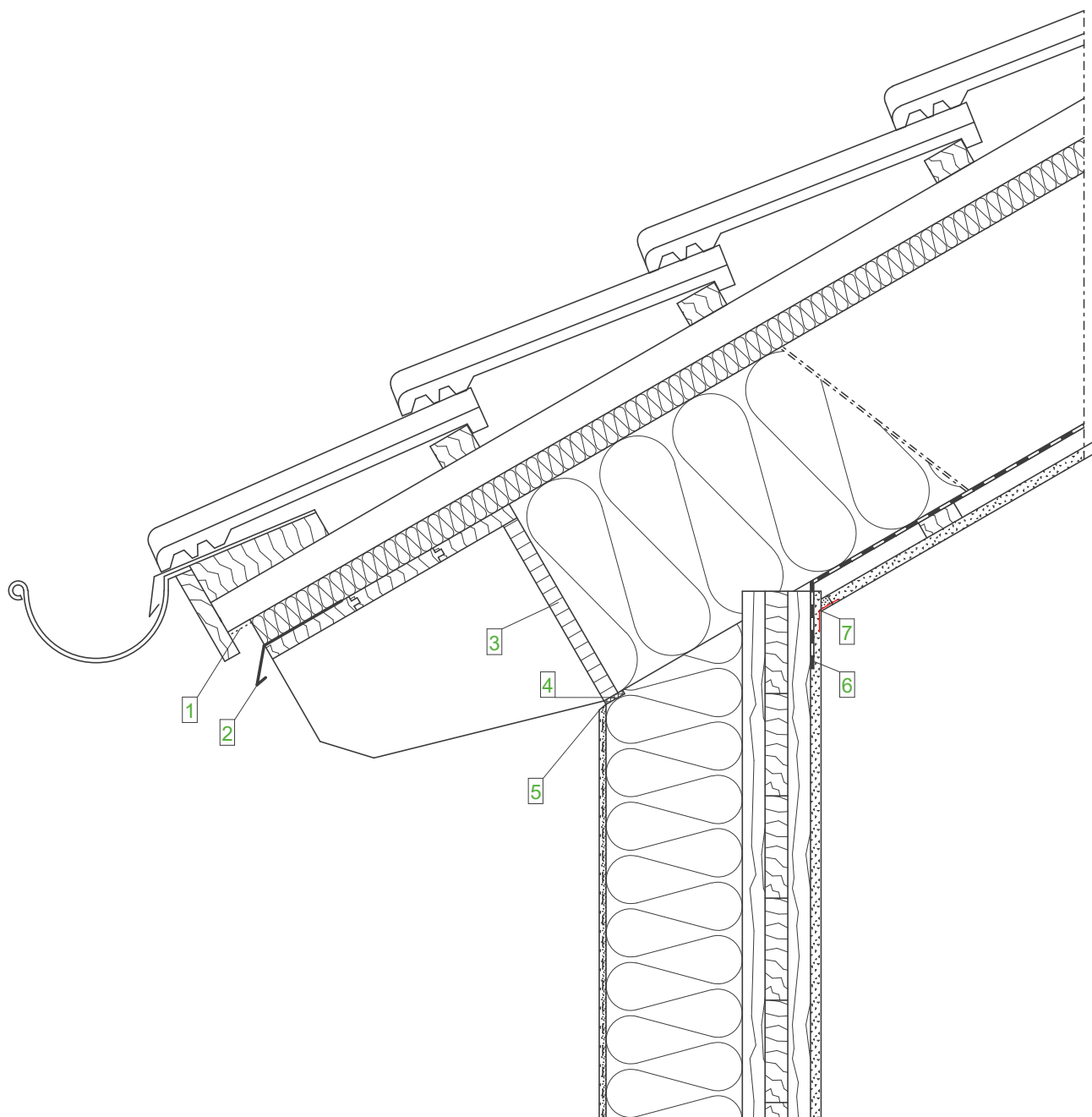
Detailnummer: AW-WDVS-MH-6-20

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOPROTECT/ STEICOPROTECT dry,
fixed with plate washers
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOFLEX/ zell/ floc
- solid wood rafter (glulam)
- STEICOUNIVERSAL
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOMulti tape |
| 7 | Paper joint re-inforcement band filled |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02.04.2015

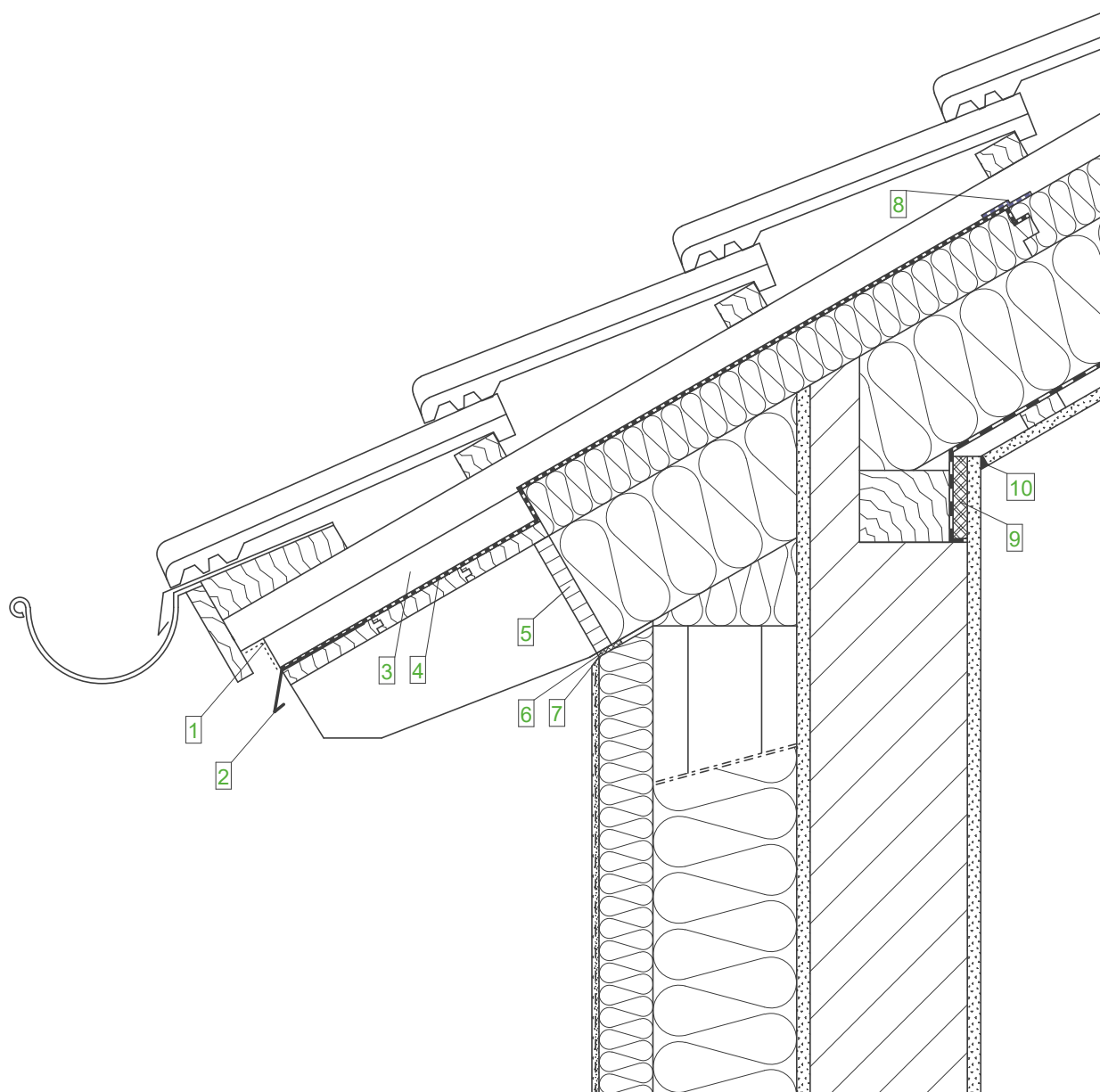
Detailnummer: AW-WDVS-MH-6-30

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex/ zell/ floc
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- solid timber rafter
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

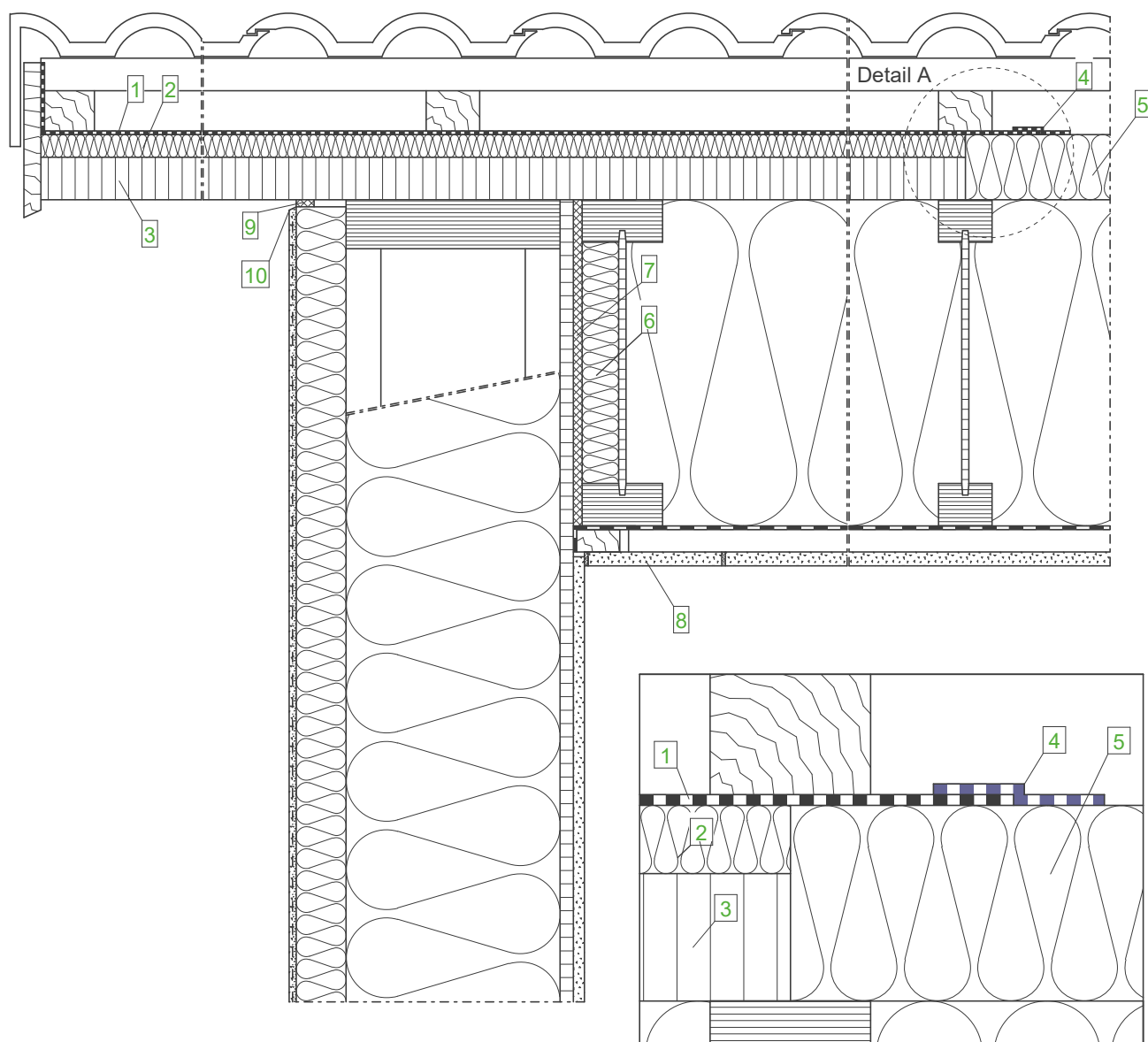
- | | |
|----|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Rafter doubling |
| 4 | STEICOMulti UDB (only in eaves zone) |
| 5 | Blocking panels |
| 6 | Joint sealing tape |
| 7 | Trowelled joist |
| 8 | STEICOMulti tape + STEICOMulti primer |
| 9 | Render board |
| 10 | Permanent elastic joint |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02.04.2015	Detailnummer: AW-WDVS-MWHU-6-10
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 7.5



Detail A, M 1:2,5

External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

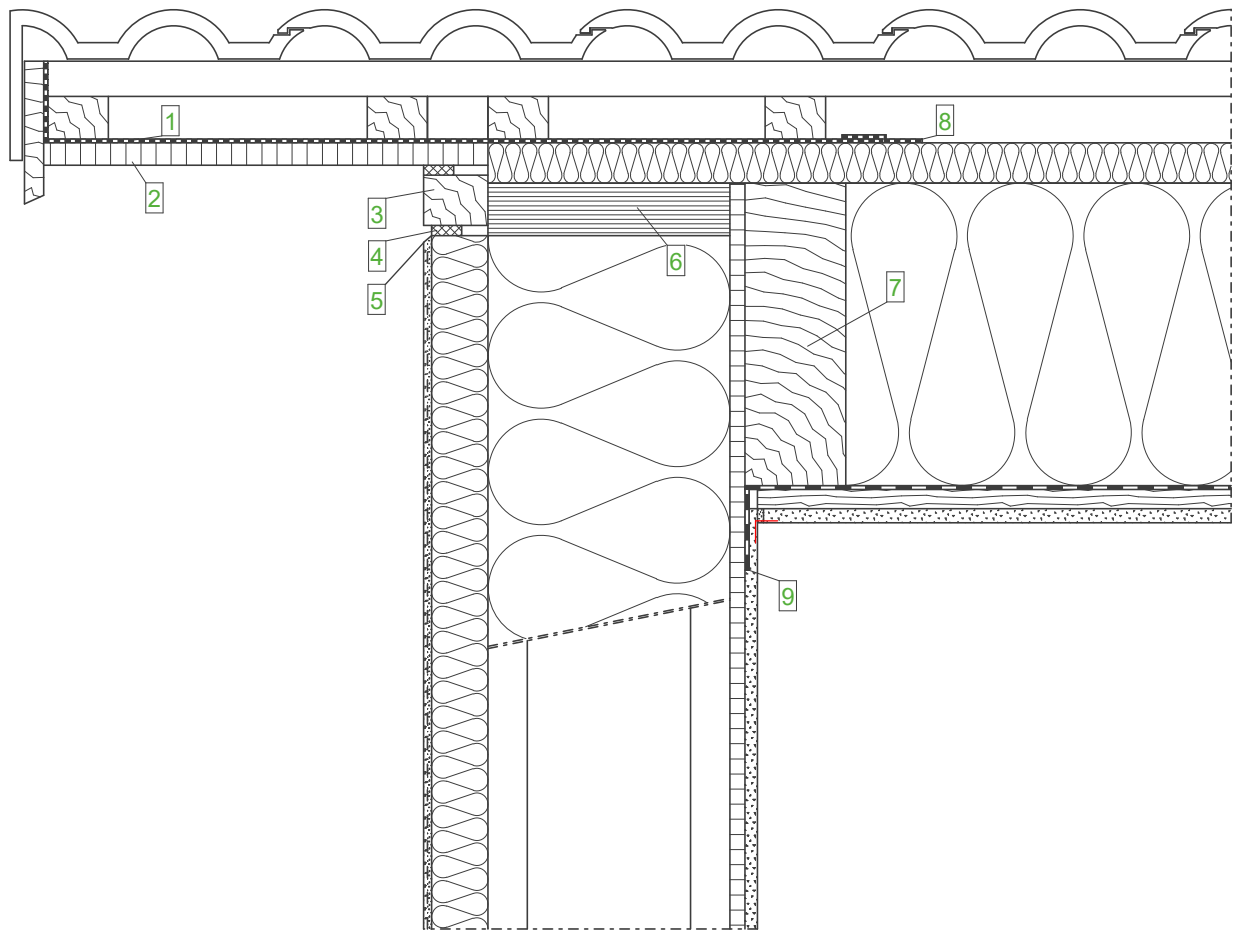
- | | |
|----|---|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | STEICOuniversal 22 mm |
| 3 | STEICO LVL-X 39 mm with surface treatment |
| 4 | STEICOMulti tape + STEICOMulti primer |
| 5 | STEICOuniversal 60 mm on the roof surface |
| 6 | Web insulation |
| 7 | Compressable insulation at connection |
| 8 | Mounting cover |
| 9 | Joint sealing tape |
| 10 | Trowelled joist |

Important Note:

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Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)

Datum: 02.04.2015	Detailnummer: AW-WDVS-HRB-6-60
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 7.5



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- Solid wood rafter (Glulam)
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

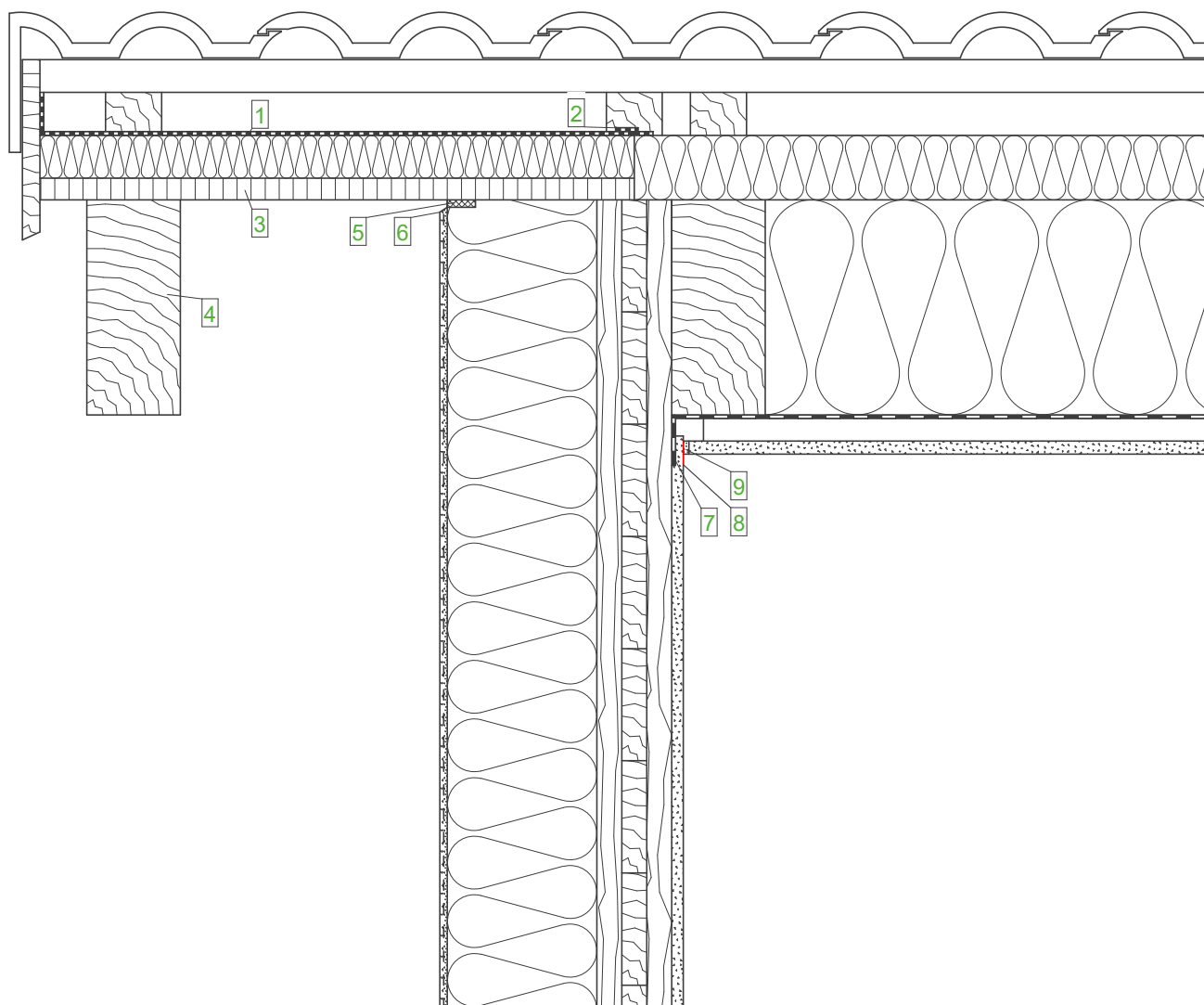
- | | |
|---|---|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | Visible soffit board |
| 3 | End timber |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Solid wood rafter or optional STEICOjoist |
| 8 | STEICOMulti tape + STEICOMulti primer |
| 9 | STEICOMulti tape |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Verge, with end timber (element assembly)

Datum: 02.04.2015	Detailnummer: AW-WDVS-HRB-6-80
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 7.5



External wall construction (from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOPROTECT/ STEICOPROTECT dry,
fixed with plate washers
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOFLEX/ zell/ floc
- solid wood rafter
- STEICO universal
- Counter batten
- Support batten
- Roof covering

Legend:

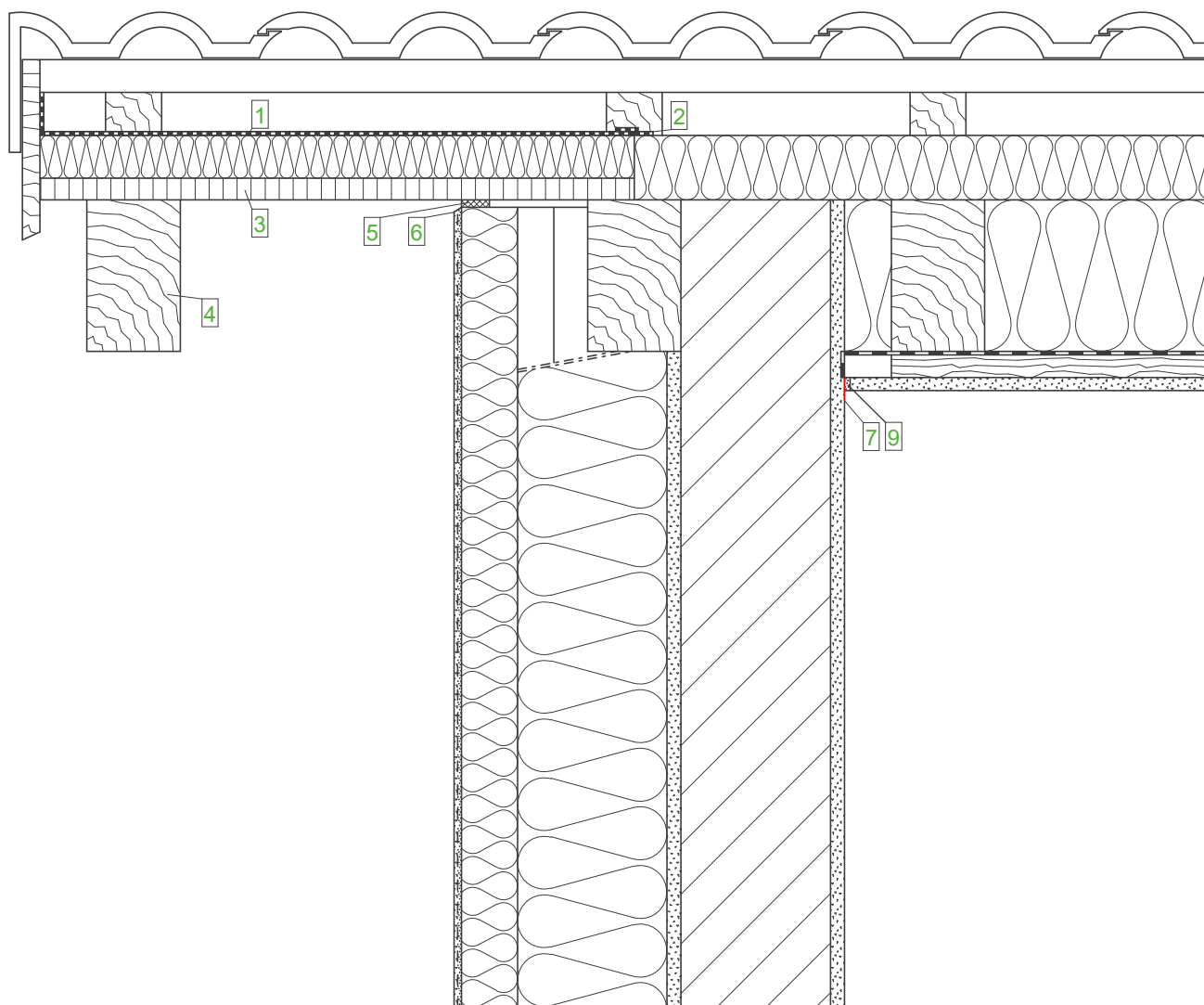
- | | |
|---|--|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | STEICOMulti tape + STEICOMulti primer |
| 3 | Visible whitewood - three layer panels |
| 4 | Visible projecting roof rafter |
| 5 | Joint sealing tape |
| 6 | Trowelled joist |
| 7 | STEICOMulti tape |
| 8 | Separating strips |
| 9 | Joint trowel |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Verge, visible projecting roof rafter

Datum: 02.04.2015	Detailnummer: AW-WDVS-MH-6-50
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 7.5



External wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex/ zell/ floc
- STEICOp Protect/
- STEICOp Protect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- solid timber rafter
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | STEICOMulti tape + STEICOMulti primer |
| 3 | Visible whitewood - three layer panels |
| 4 | Visible projecting roof rafter |
| 5 | Joint sealing tape |
| 6 | Trowelled joist |
| 7 | Separating strips |
| 8 | Joint trowel |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Verge, visible projecting roof rafter

Datum: 02.04.2015

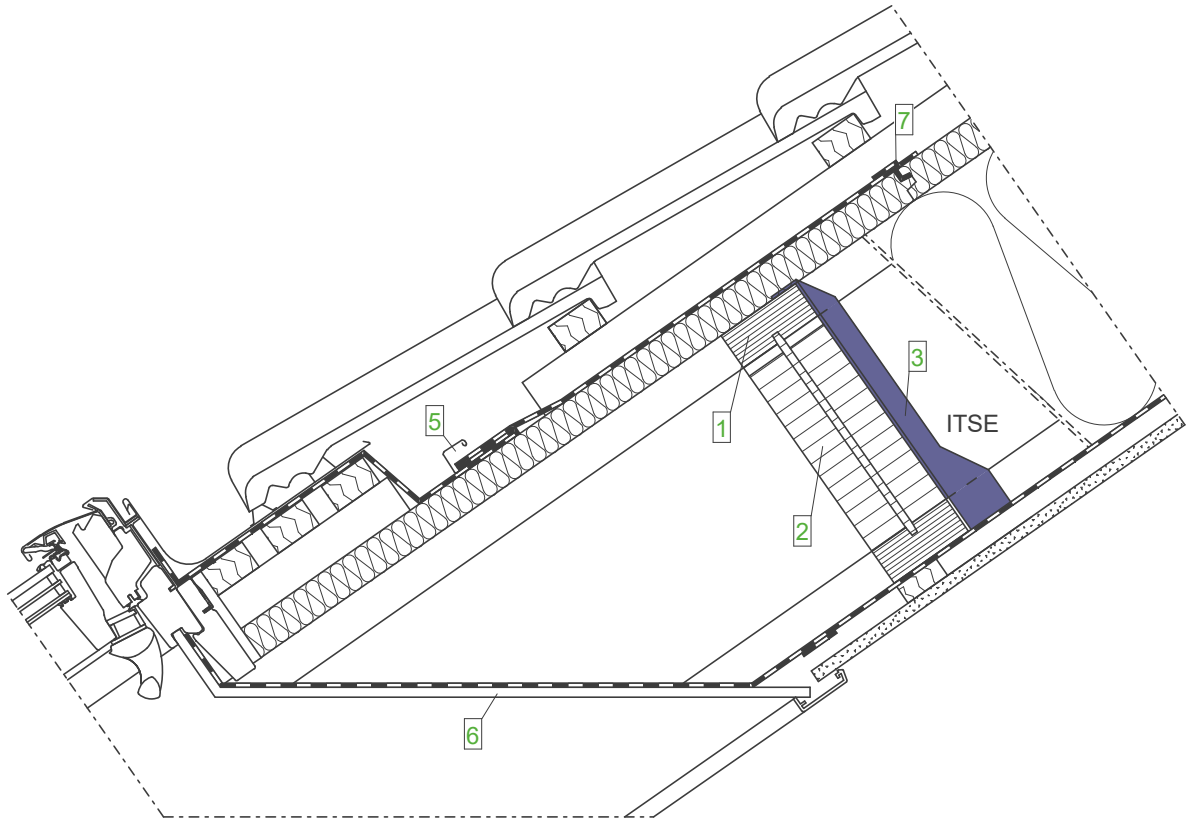
Detailnummer: AW-WDVS-MWHU-6-20

Änderung: 23.08.2017

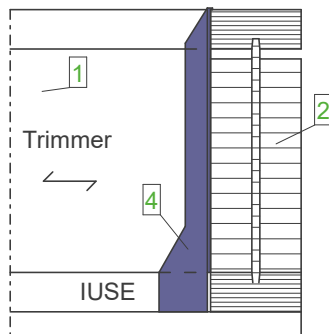
Bearbeiter: A. Luz

Maßstab: 1 : 7.5

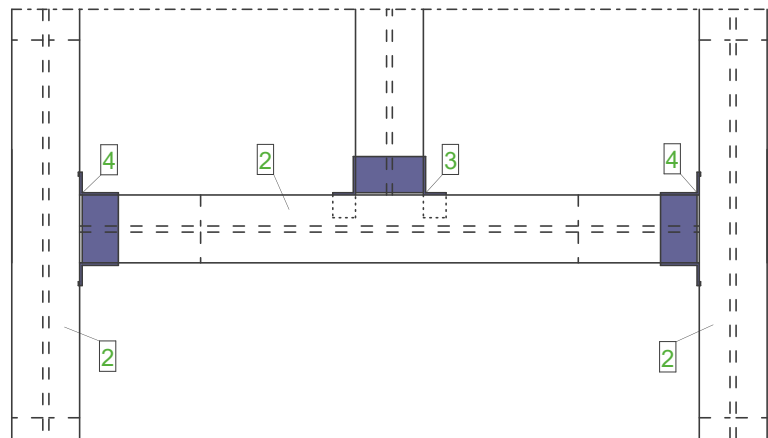
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Connection
trimmer on rafter



Bottom view M 1:10



Roof construction
(from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

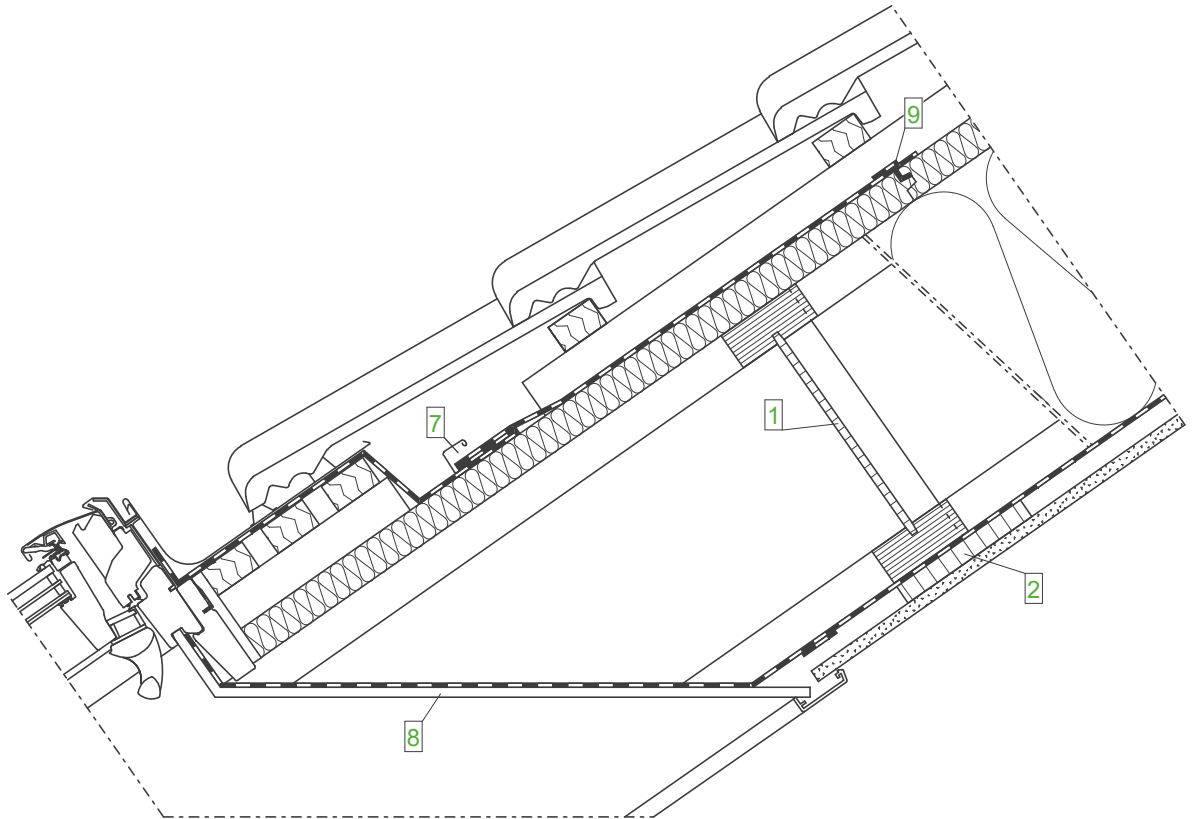
- | | |
|---|---------------------------------------|
| 1 | Timmer I-Joist STEICOjoist |
| 2 | Filling timber |
| 3 | Metal sheet Simpson Strong-Tie ITSE |
| 4 | Metal sheet Simpson Strong-Tie IUSE |
| 5 | Flashing and water drainage channel |
| 6 | Interior lining rooflight |
| 7 | STEICOMulti tape + STEICOMulti primer |

Important Note:

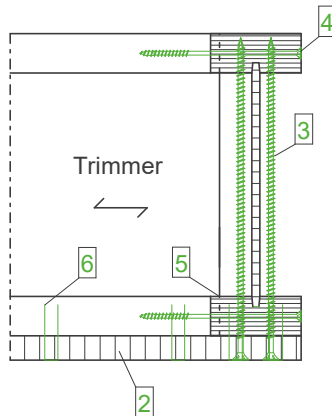
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Rooflight - Trimmer connection with metalwork

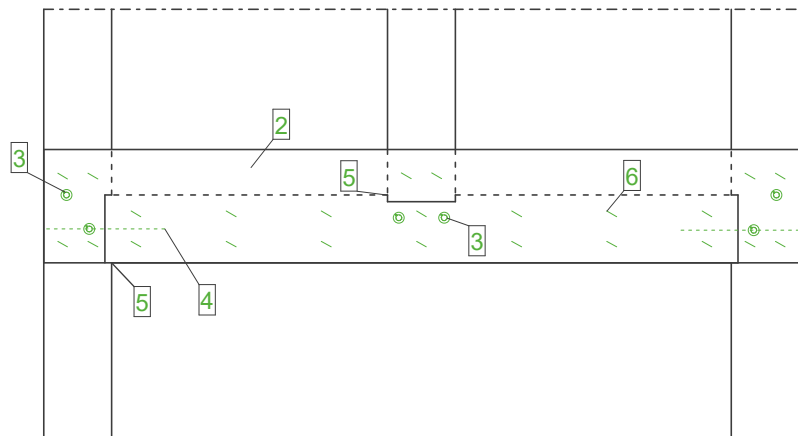
Datum: 23.03.2015	Detailnummer: DA-SD-ZSD-4-10	
Änderung: 23.08.2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5



Connection
trimmer on rafter



Bottom view M 1:10



Roof construction
(from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Trimmer I-Joist STEICOjoist |
| 2 | Laminated Veneer Lumber plate STEICO LVL X |
| 3 | Fully threaded screws, 2 piece per connection |
| 4 | Part threaded screw, only structural, 2 piece per connection |
| 5 | Notch on rafter |
| 6 | Staples only structural |
| 7 | Flashing and water drainage channel |
| 8 | Interior lining rooflight |
| 9 | STEICOMulti tape + STEICOMulti primer |

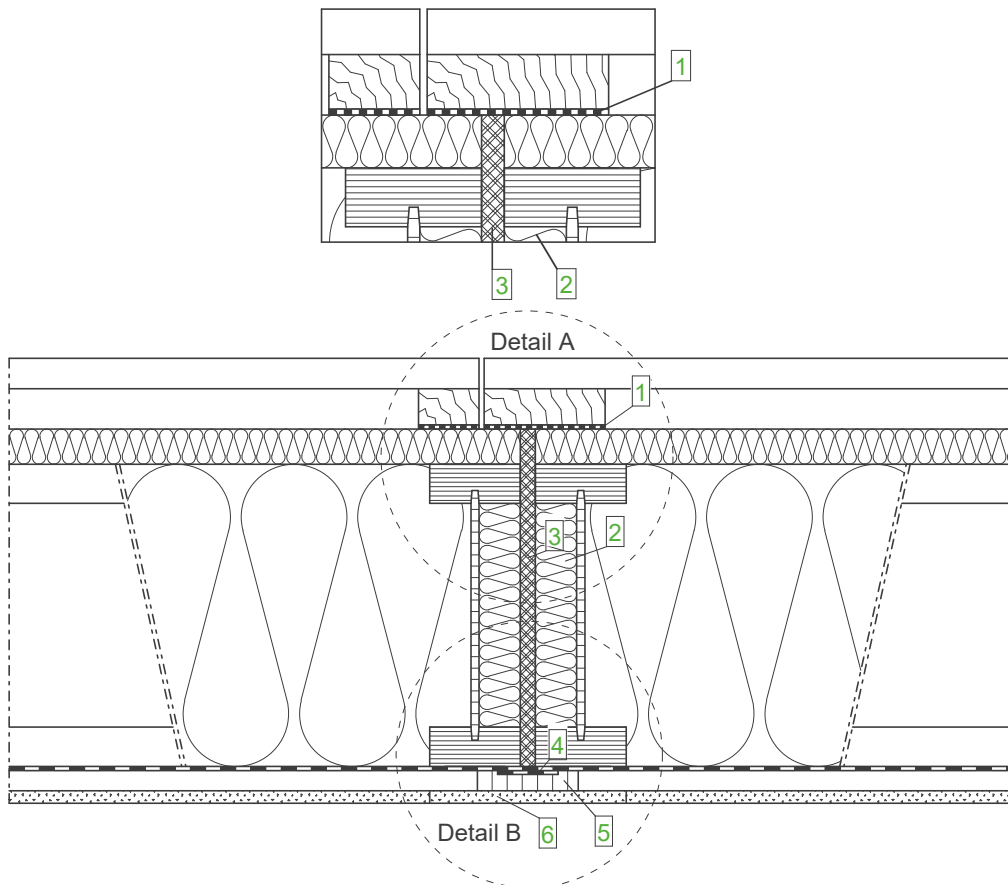
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

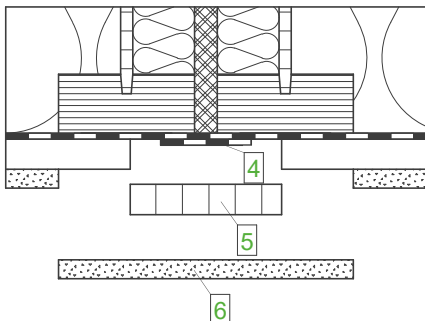
Rooflight - Trimmer connection without metalwork

Datum: 23.03.2015	Detailnummer: DA-SD-ZSD-4-20	
Änderung: 23.08.2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5

Detail A, M 1:5

 $\geq 30 \text{ mm}$


Detail B, M 1:5



Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

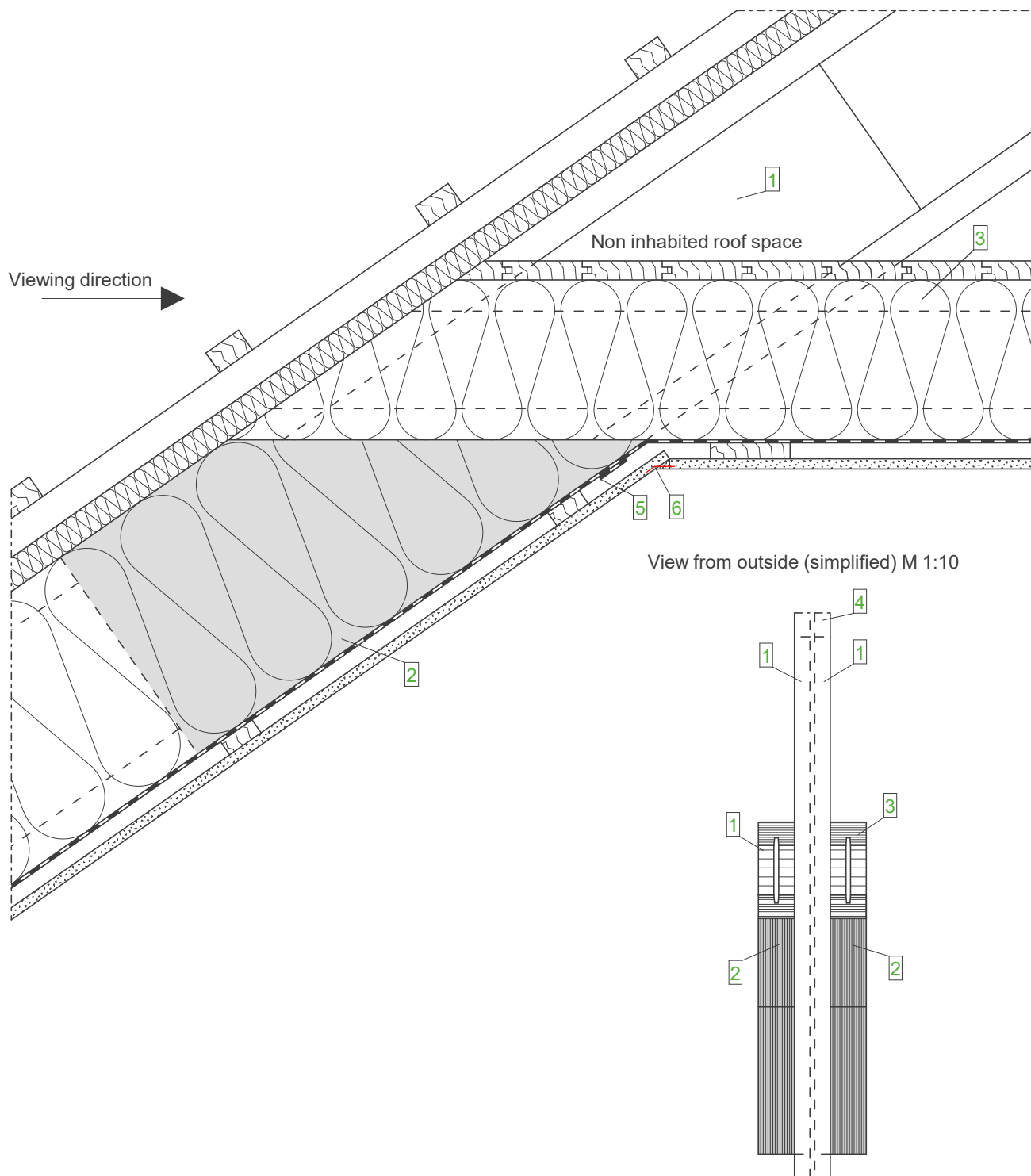
- | | |
|---|---|
| 1 | Nail tight tape |
| 2 | Web insulation |
| 3 | Compressable insulation at connection |
| 4 | STEICOmultip tape |
| 5 | Connection plate STEICO LVL X Laminated Veneer Lumber |
| 6 | Plasterboard mounting cover |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Element joint - Roof element joint

Datum: 02.04.2015	Detailnummer: DA-SD-ZSD-5-10	
Änderung: 23.08.2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5



Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Intermediate floor construction (from top to bottom)

- Floorboard
- STEICOflex/ zell/ floc
- STEICOjoist
- Vapour barrier
- Batten
- Plasterboard

Legend:

- | | |
|---|---|
| 1 | Filling timber |
| 2 | Laminated Veneer Lumber STEICO LVL angle timber |
| 3 | Collar beam |
| 4 | Rafter, STEICOjoist |
| 5 | STEICOmultip tape, airtight tape |
| 6 | Paper re-inforcement band filled |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Collar tie connection

Datum: 23.03.2015

Detailnummer: DA-SD-ZSD-6-10

Änderung: 23.08.2017

Bearbeiter: A. Luz

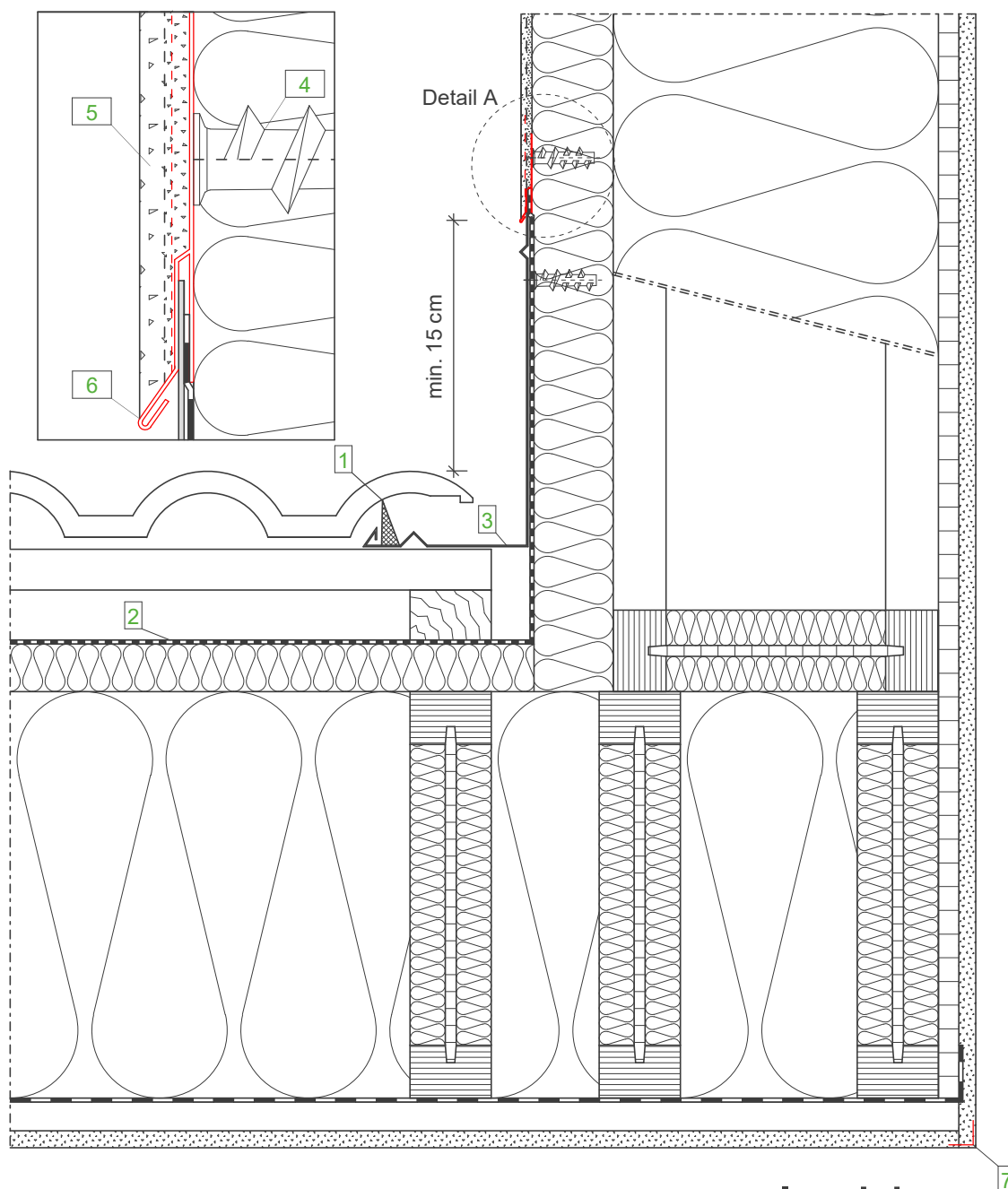
Maßstab: 1 : 7.5

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Detail A, M 1:1

Outside

Inside



Wall construction (Gable) (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/ STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Foam wedge |
| 2 | Taping, roofing felt in connection area |
| 3 | Metal sheet as gutter |
| 4 | Screw plug |
| 5 | Re-inforced render including mesh with water repellent highly cured, cementitious tanking membrane |
| 6 | Metal connection profile |
| 7 | Corner angle |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

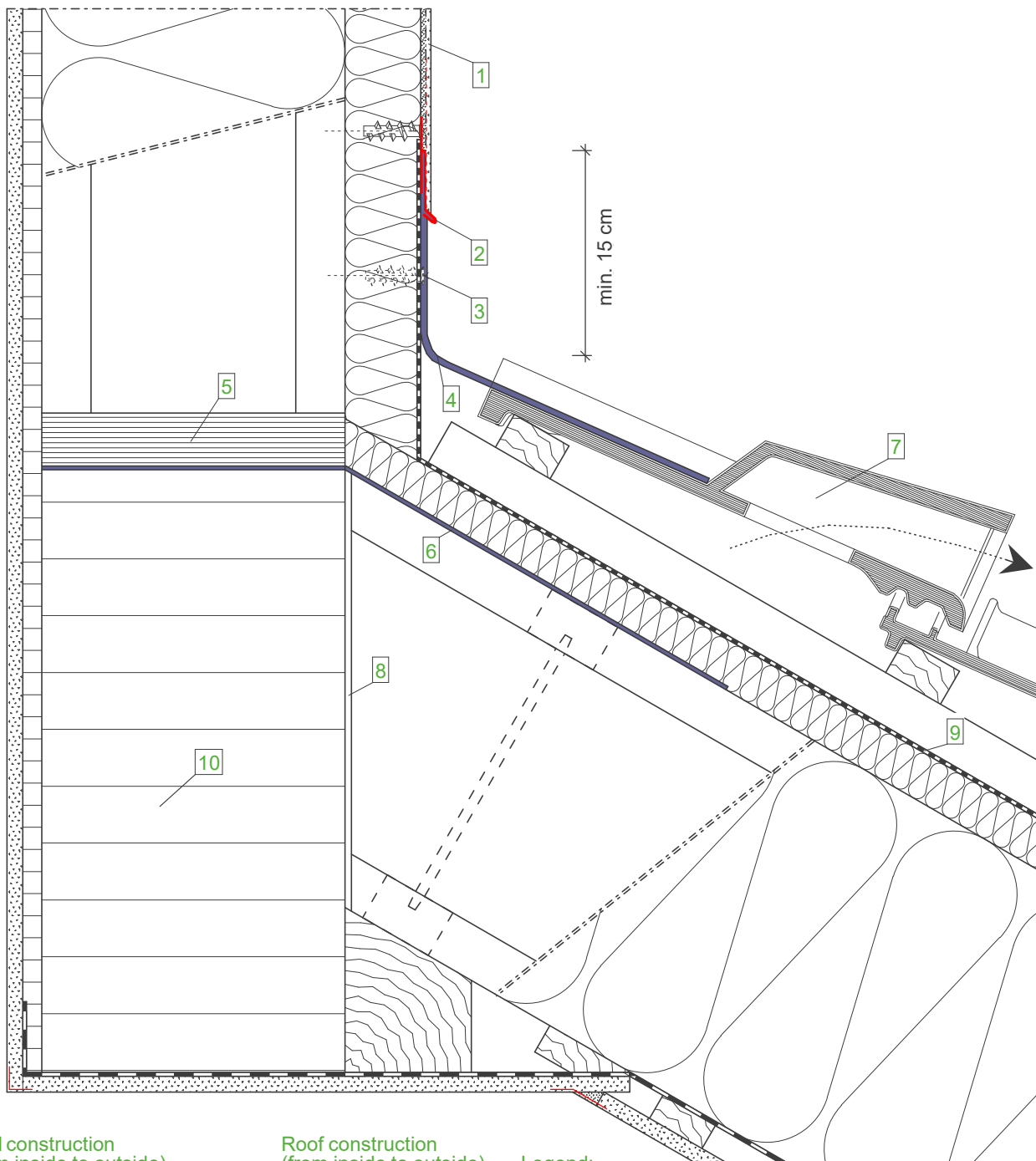
Roof - Transitions - Gable cheek, continuous wall

Datum: 23.03.2015	Detailnummer: AW-WDVS-HRB-6-90
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 5.0

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Inside

Outside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOprotect/
- STEICOprotect dry
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOjoist
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|--|
| 1 | Re-inforced render including mesh with water repellent highly cured, cementitious tanking membrane |
| 2 | Metal connection profile |
| 3 | Screw plug |
| 4 | Wall connection tape |
| 5 | metal sheet upstand with lapped lead |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Tension strap (14° - 45°) |
| 8 | Vented tile |
| 9 | Air gap ca. 5 mm |
| 10 | Roofing felt in connection area, taped with STEICOMulti tape |
| | Glulam beam |

Important Note:

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Roof - Transitions - Connection to single pitch roof without rear ventilation

Datum: 23.03.2015

Detailnummer: AW-WDVS-HRB-6-100

Änderung: 23.08.2017

Bearbeiter: A. Luz

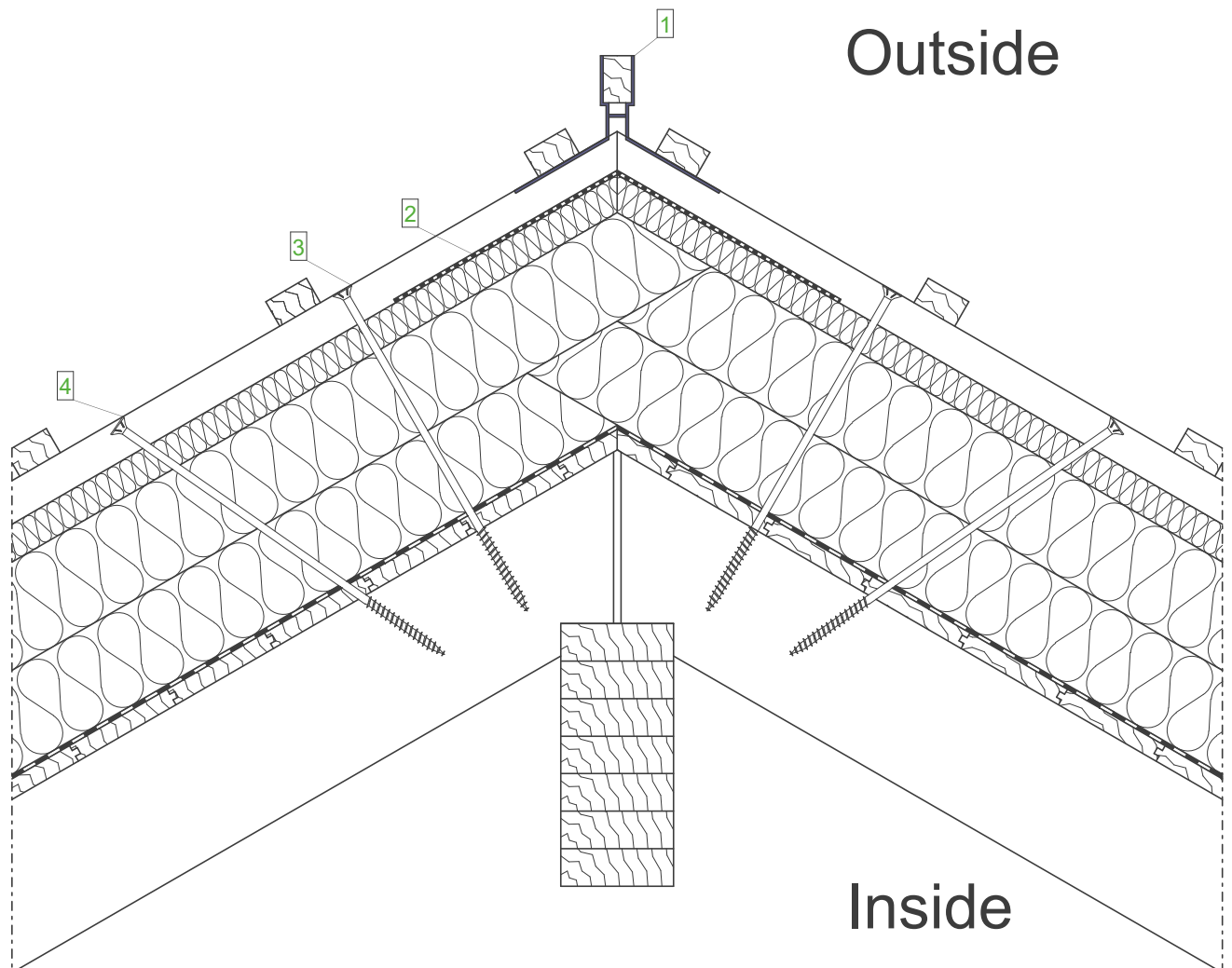
Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Roof - Pitched roof - Above rafter insulation

Roof construction
(from inside to outside)

Nr.	Material	Thickness in cm
1	Visible rafter	16.00
2	Timber cladding	1.90
3	Vapour barrier	-
4	STEICOftherm	20.00
5	STEICUniversal (below roof covering)	3.50
6	Counter batten 40 x 60	4.00
7	Support batten 30 x 50	3.00
8	Roof covering	



**Roof construction
(from inside to outside)**

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOtherm
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Ridge batten support |
| 2 | STEICOMulti UDB, only in ridge zone
if required STEICOMulti tape + STEICOMulti primer |
| 3 | Single thread screw to secure for wind suction loads |
| 4 | Single thread screw to secure against shear loads |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Ridge - Purlin roof truss

Datum: 23.03.2015

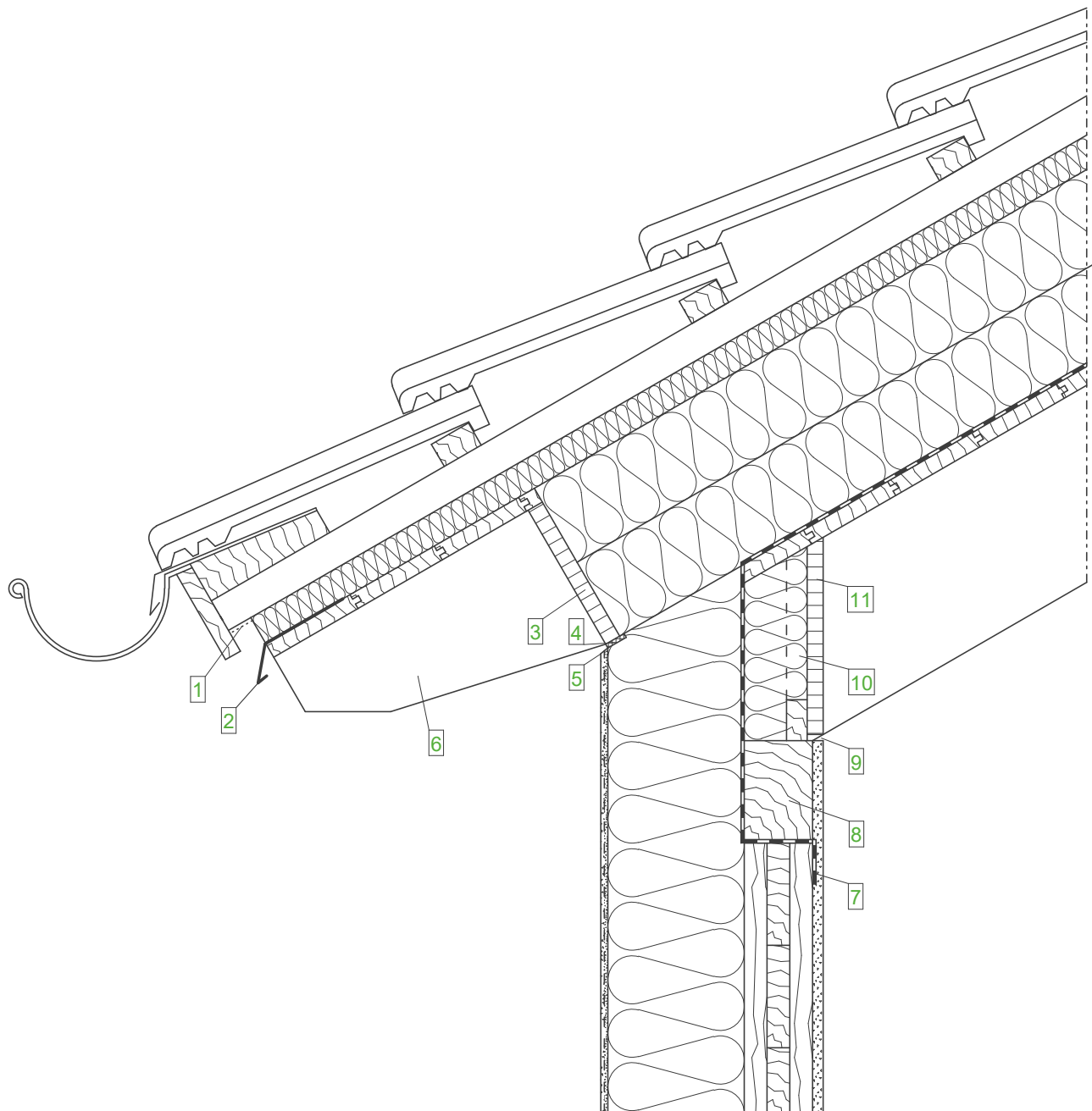
Detailnummer: DA-SD-ADD-1-10

Änderung: 04.04.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- CLT wall,
- in connection area airtight tape
- STEICOprotect/ STEICOprotect dry,
- fixed with plate washers
- Approved plaster system

Roof construction (from inside to outside)

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOUNiversal
- (below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Tilting fillet |
| 7 | STEICOMulti tape |
| 8 | Threshold |
| 9 | Shadow joint |
| 10 | Angled timber for connecting the blocking panel |
| 11 | Blocking panels on room side |

Important Note:

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Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels

Datum: 02.04.2015

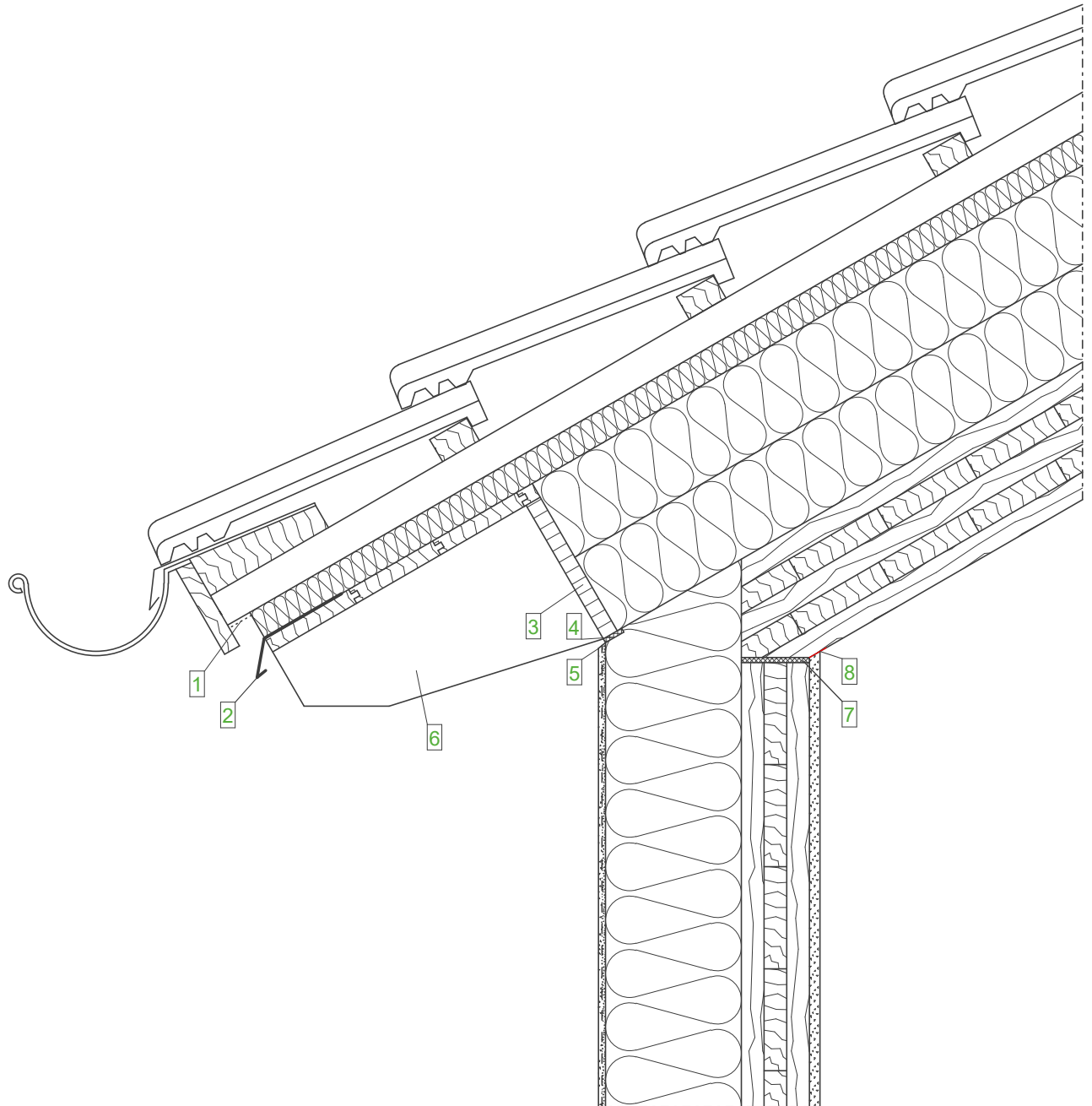
Detailnummer: AW-WDVS-MH-6-10

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect/ STEICOprotect dry,
fixed with plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Visible CLT
element
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Tilting fillet |
| 7 | Sealing tape |
| 8 | Separating strips |

Important Note:

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Roof - Transitions - Eaves, CLT element, ETICS on blocking panels

Datum: 02.04.2015

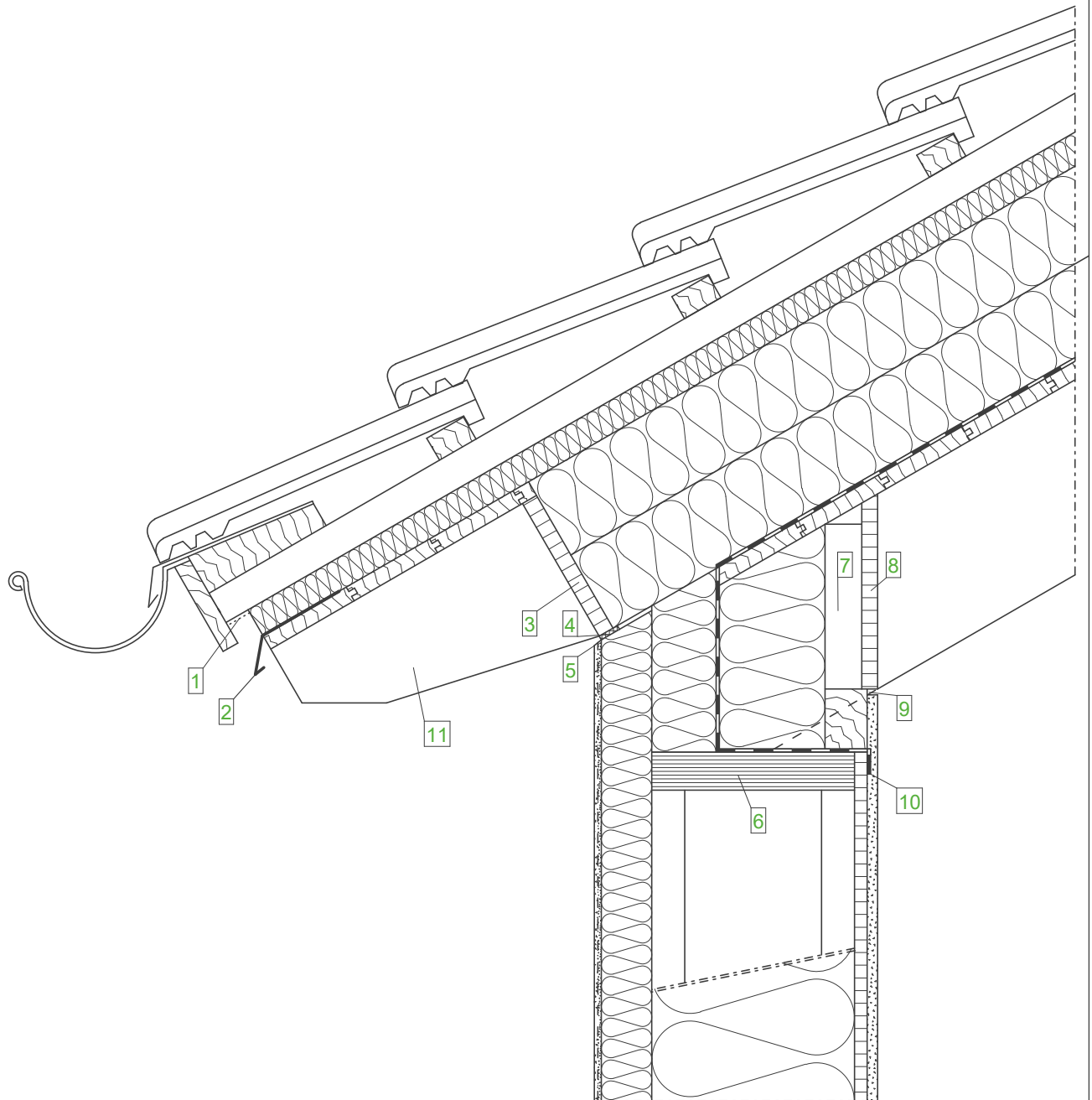
Detailnummer: AW-WDVS-MH-6-40

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panel (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Angled timber for connecting the blocking panel |
| 8 | Blocking panel on room side |
| 9 | Shadow joint |
| 10 | STEICOMulti tape |
| 11 | Tilting fillet |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels

Datum: 02.04.2015

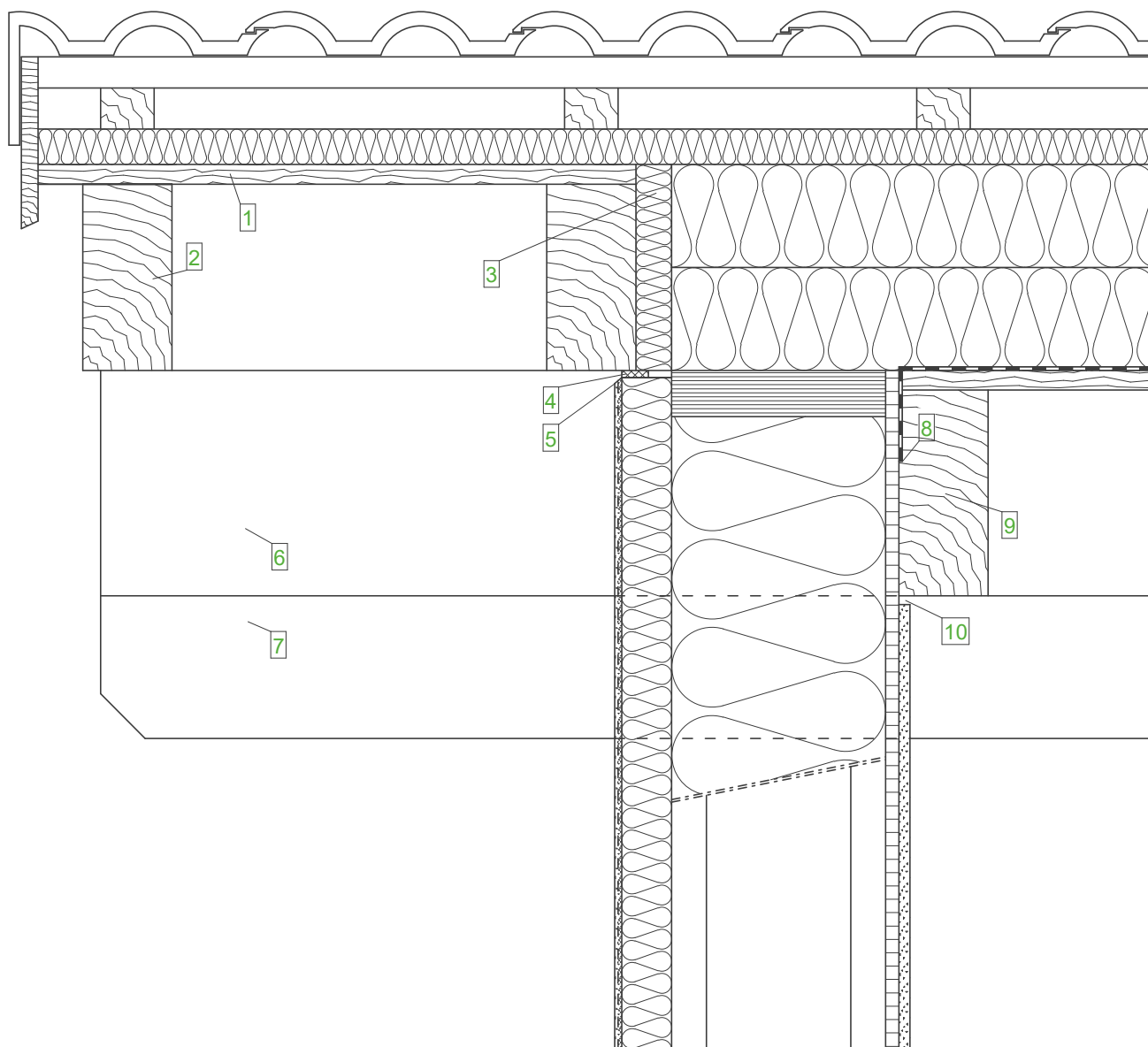
Detailnummer: AW-WDVS-HRB-6-20

Änderung: 23.08.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex/ zell/ floc
- STEICOWall
- STEICOProtect/
- STEICOProtect dry
- Approved plaster system

Roof construction (from inside to outside)

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|--|
| 1 | Visible verge sheathing |
| 2 | Visible projecting roof rafter |
| 3 | End of insulation layer, windproofness |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Purlin doubling |
| 7 | Purlin |
| 8 | STEICOMulti tape |
| 9 | Visible rafter |
| 10 | Shadow joint |

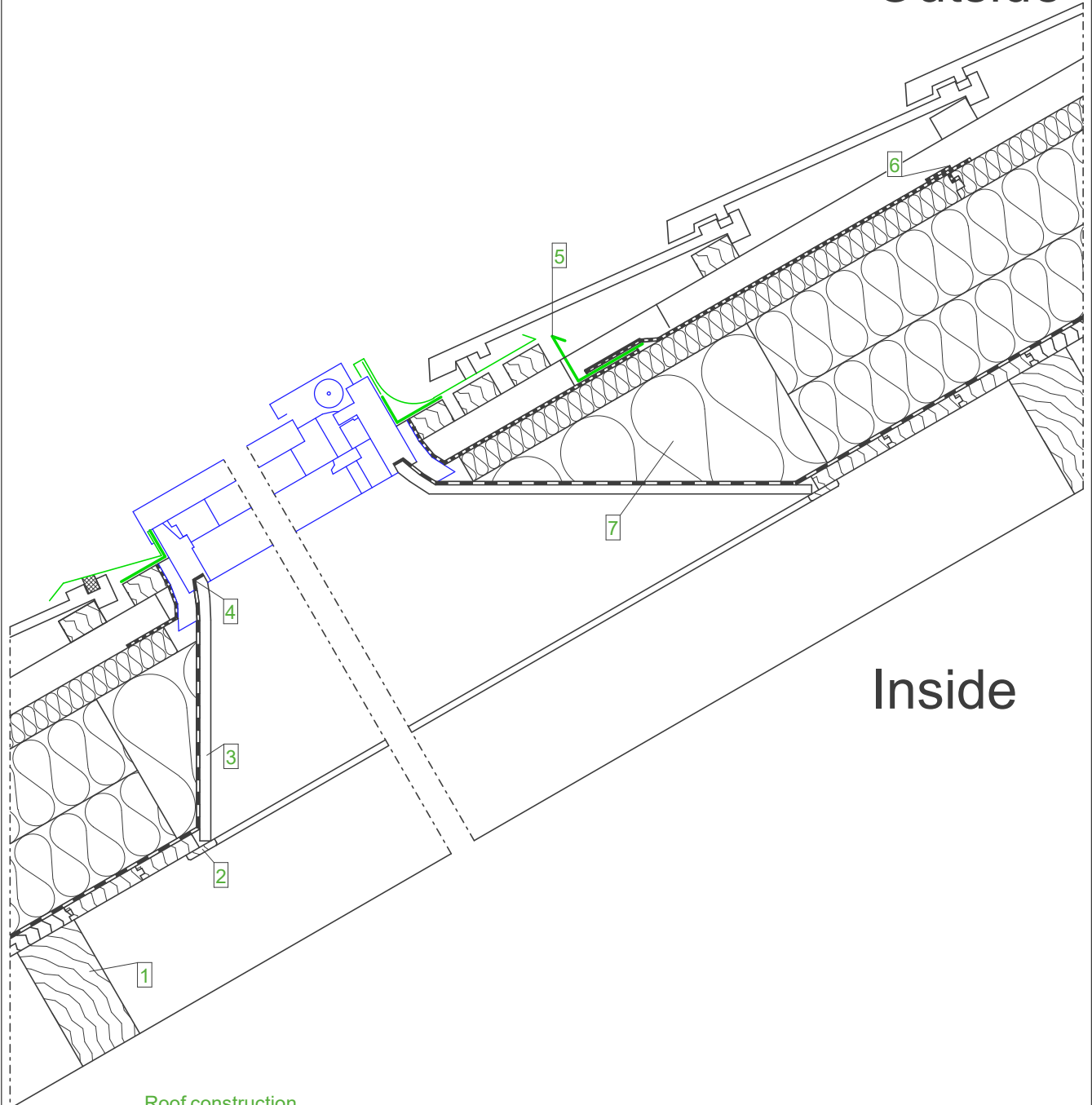
Important Note:

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Roof - Transitions - Verge, visible projecting roof rafter, above rafter insulation

Datum: 02.04.2015	Detailnummer: AW-WDVS-HRB-6-70
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 7.5

Outside



Inside

Roof construction
(from inside to outside)

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOtherm
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

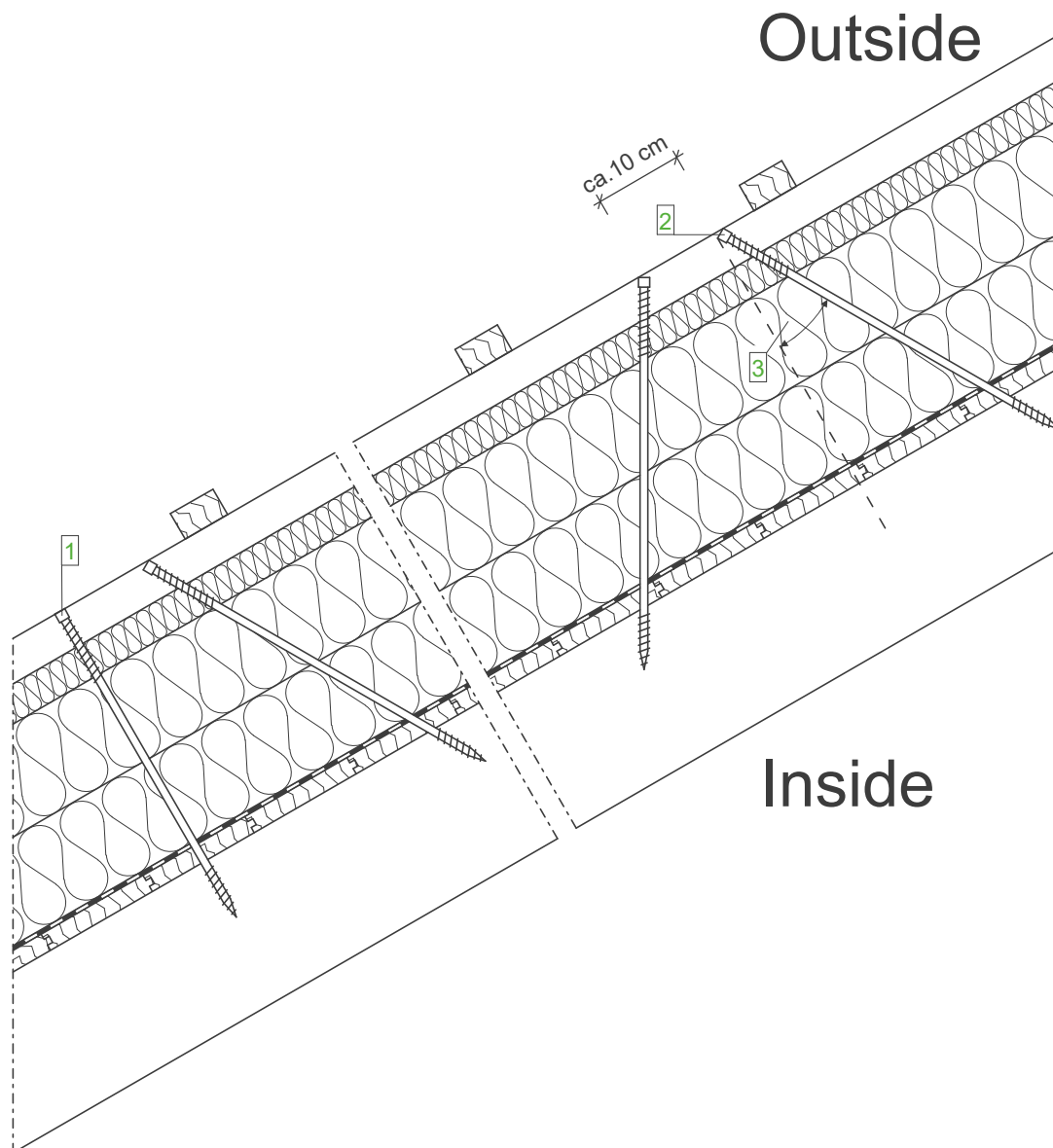
- | | |
|---|---------------------------------------|
| 1 | Trimmer |
| 2 | Cover strip interior lining |
| 3 | Interior lining |
| 4 | Airtight tape |
| 5 | Flashing and water drainage channel |
| 6 | STEICOMulti tape + STEICOMulti primer |
| 7 | STEICOflex |

Important Note:

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Rooflight		
Datum: 23.03.2015	Detailnummer: DA-SD-ADD-4-10	
Änderung: 04.04.2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



Roof construction (from inside to outside)

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOtherm
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---|
| 1 | Dual threaded screw to secure for wind suction loads in 90° angle to rafter axis (spacing based on structural requirements) |
| 2 | Dual threaded screw (v-screwing) in default angle to rafter axis to secure against shear loads (spacing based on structural requirements) |
| 3 | Details in accordance with screw manufacturer |

Note:

The safe long term load transfer and connection for Wind and Suction loads must be in line with requirements of the STEICO woodfibre insulation. Structurally approved fasteners, which specifically make reference to the compressive strength of the insulation material allow the creation of a structural recommendation.

Data entry sheets for the creation of a structural recommendation are available on our homepage at: www.steico.com under Download / Technik-Verarbeitung/Eingabebblätter

Important Note:

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Fixed with dual threaded screws, v-screwing, above rafter insulation

Datum: 23.03.2015

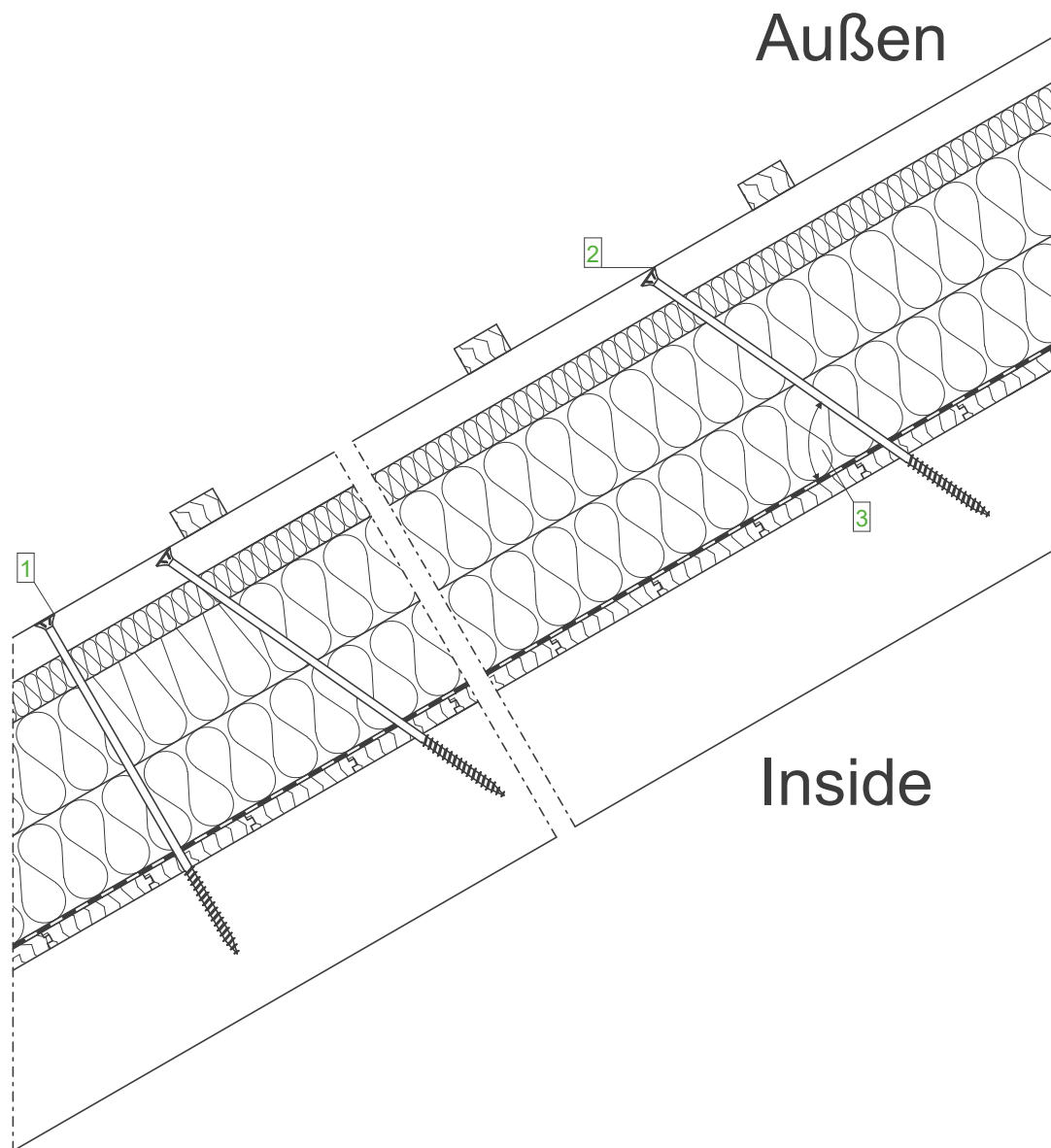
Detailnummer: DA-SD-ADD-7-10

Änderung: 04.04.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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**Roof construction
(from inside to outside)**

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOtherm
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Single threaded screw to secure for wind suction loads in 90° angle to rafter axis (spacing based on structural requirements) |
| 2 | Single threaded screw in default angle to rafter axis to secure against shear loads (spacing based on structural requirements) |
| 3 | Details in accordance with screw manufacturer |

Note:

The safe long term load transfer and connection for Wind and Suction loads must be in line with requirements of the STEICO woodfibre insulation. Structurally approved fasteners, which specifically make reference to the compressive strength of the insulation material allow the creation of a structural recommendation.

Data entry sheets for the creation of a structural recommendation are available on our homepage at: www.steico.com under Download / Technik-Verarbeitung/Eingabeblätter

Important Note:

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Fixed with single threaded screw, above rafter insulation

Datum: 23.03.2015

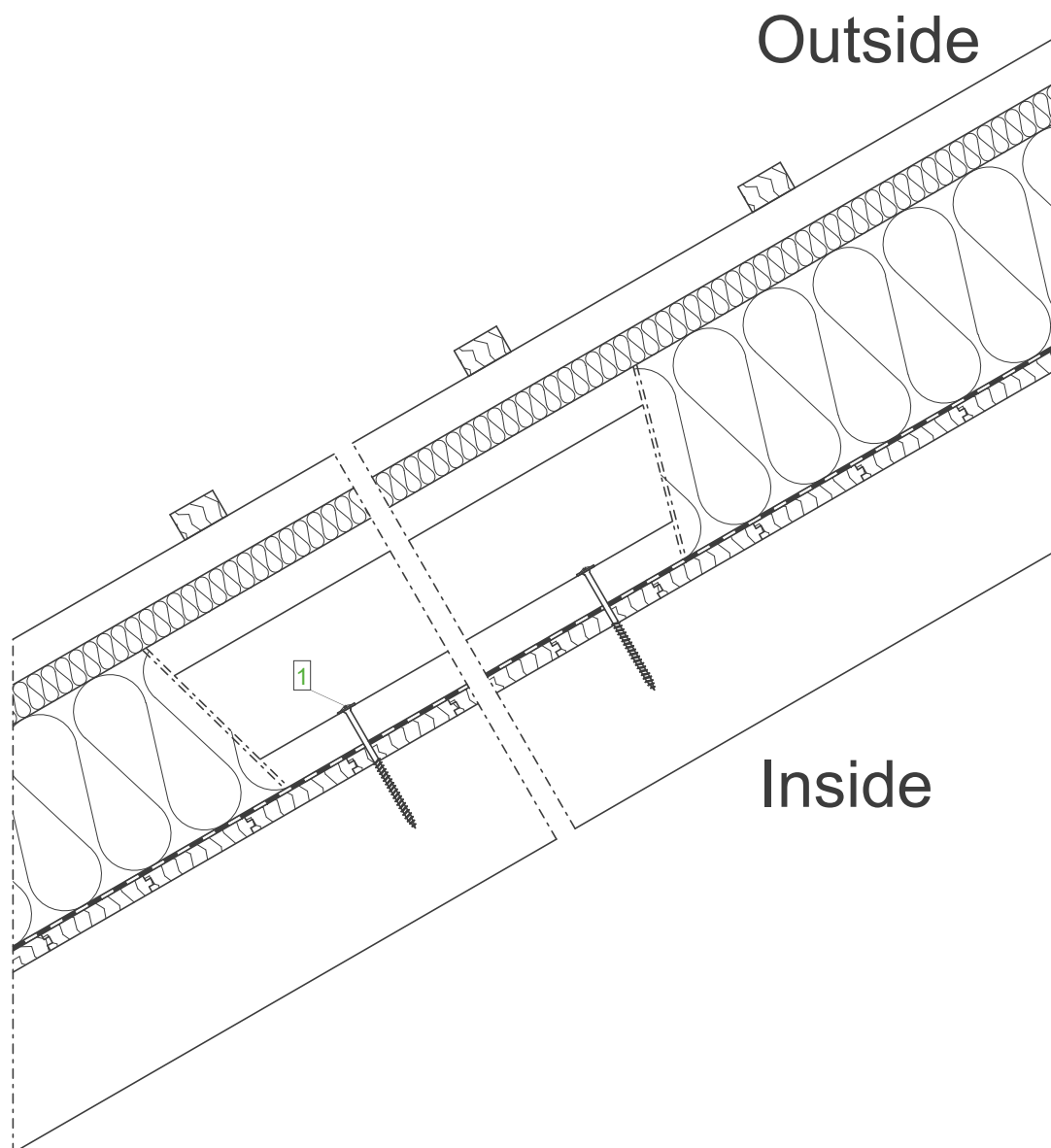
Detailnummer: DA-SD-ADD-7-20

Änderung: 04.04.2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**Roof construction
(from inside to outside)**

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOflex/ zell/ floc
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

1	Single thread screw (Spacing based on structural requirements)
---	---

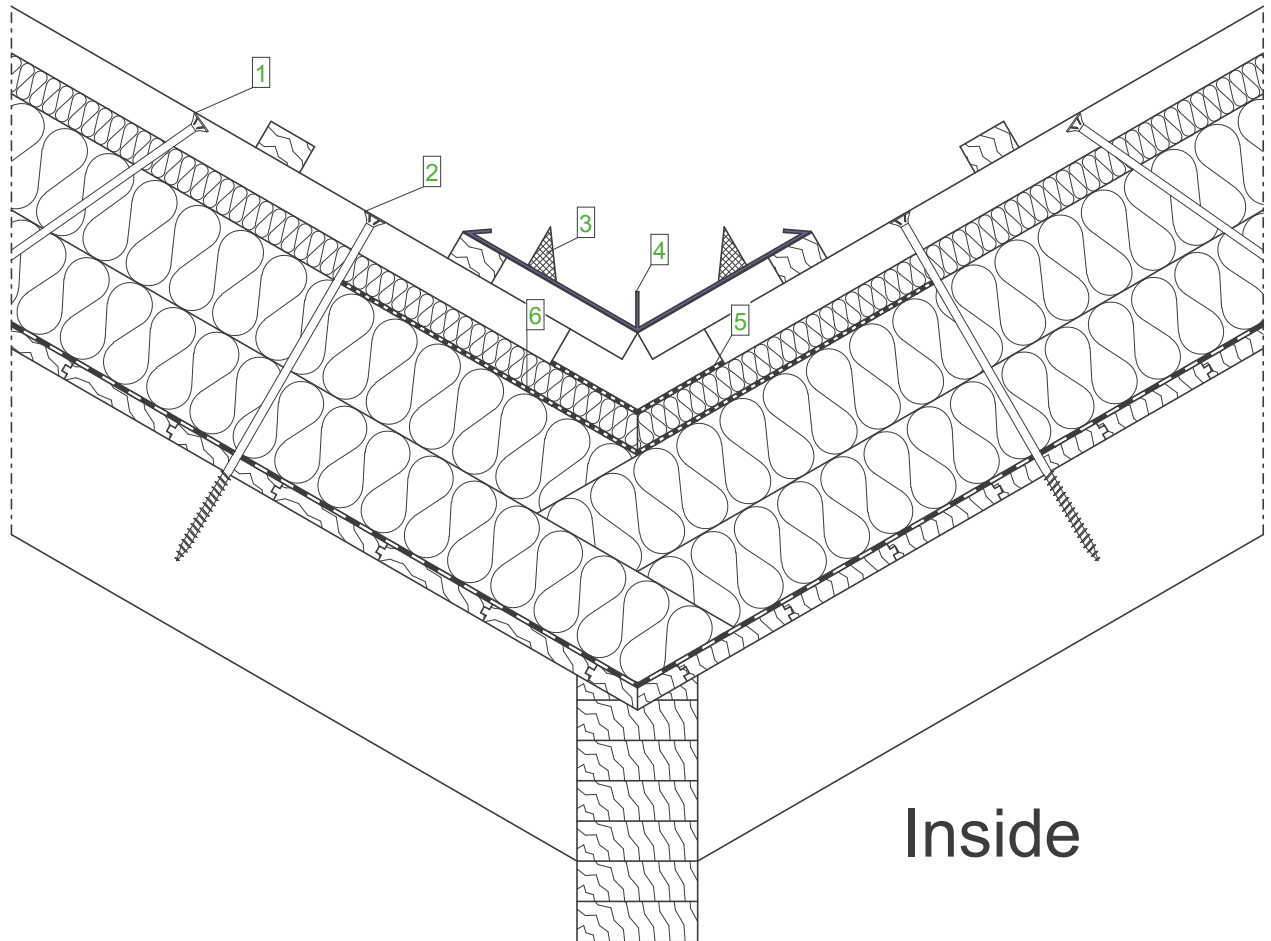
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Rafter doubling with STEICO joist, above rafter insulation

Datum: 23.03.2015	Detailnummer: DA-SD-ADD-7-30
Änderung: 23.08.2017	Bearbeiter: A. Luz
	Maßstab: 1 : 7.5

Outside



Inside

Roof construction
(from inside to outside)

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOtherm
- STEICUniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Single threaded screw to secure against shear loads |
| 2 | Single threaded screw to secure for wind suction loads |
| 3 | Foam wedge to secure against water pressure |
| 4 | Valley plate on timber cladding |
| 5 | STEICOMulti tape + STEICOMulti primer |
| 6 | STEICOMulti UDB, only in valley zone |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Valley - Purlin roof truss

Datum: 23.03.2015

Detailnummer: DA-SD-ADD-7-40

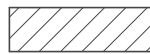
Änderung: 04.04.2017

Bearbeiter: A. Luz

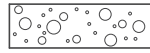
Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen

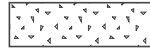
Legend hatching



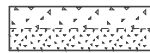
Masonry wall



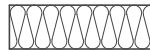
Gravel, broken stones



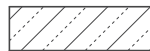
Render layer, plasterboard



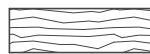
System render (consisting from re-inforced render, re-inforcement mesh, finish render)



Insulation: e.g. STEICO protect



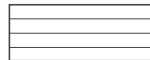
Concrete re-inforced



Timber surface side



Timber face side



STEICO Laminated Veneer Lumber



Timber based panel product e.g. OSB



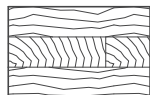
Sealing e.g. joint sealing tape



Sealing diffusion open roofing felt



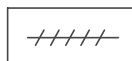
Sealing diffusion open + retardant + diffusion resistant Vapour barrier



Cross Laminated Timber (CLT)



Insulation materials



STEICOmulti fill



Insect screen



Thick full line - visible edges, edges



Thin full line - dimension line, reference line, light edges, hatching, projected line




Dashed line - hide edges



Chain line - section plane, symmetry line, movement line

Legend hatching		
Datum: 10-03-2015	Detailnummer: -	
Änderung: 07-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 2.5



STEICO
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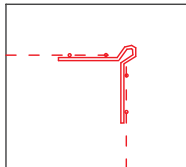
Legend profiles



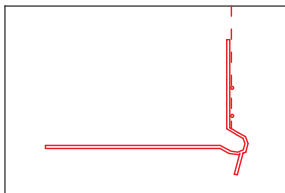
Expansion joint profile (10 mm - 20 mm flexible)



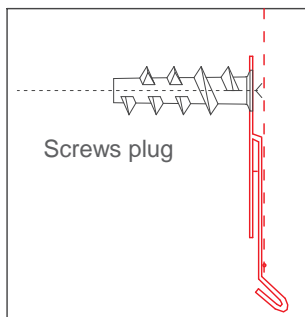
End profile
(End of render layer on mesh component)



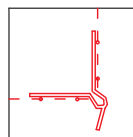
Mesh corner angle



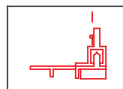
DPC edge profile
(edge side glueing)



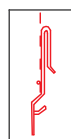
Metal connection profile




Drip edge profile



Clean finish render stop bead = STEICO protect
clean finish render stop bead



DPC metal connection profile = STEICO protect
DPC metal connection profile

Legend profiles			
Datum: 10-03-2015	Detailnummer: -		
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0	