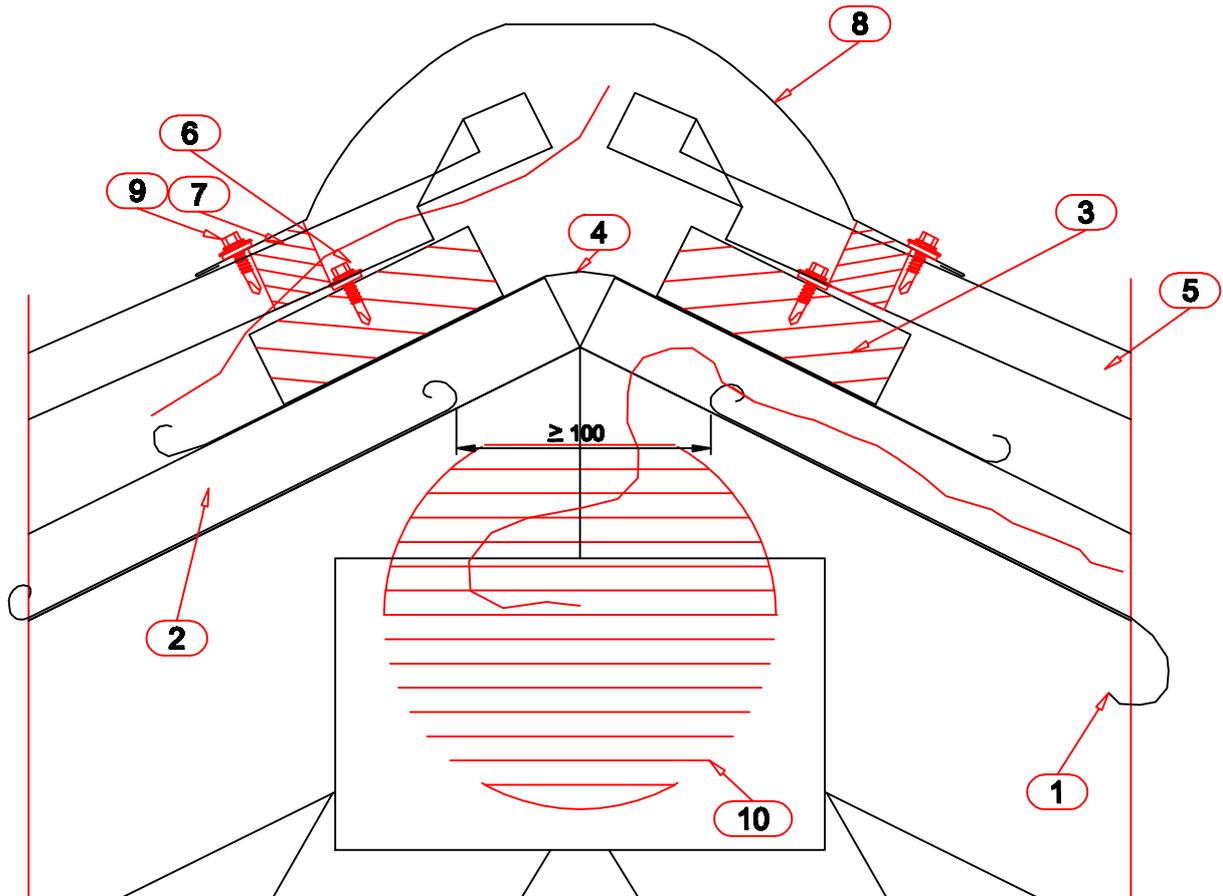


Date 23.02.2011	Rev.date .	Work nr. .	Drw. nr. TSDFI03-01	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:3	Building .		File nr. .	



1. UNDERLAY
2. BATTEN, e.g. 32*50
3. WOODEN BATTEN 32*100
4. UNDERLAY
5. TILE SHEET e.g. MONTERREY
6. FASTENER
7. UNIVERSAL SEALING
8. RIDGE CAPPING, RA1BRO
9. FASTENER
10. VENTILATING GRATES IN BUILDING GABLE ROOF

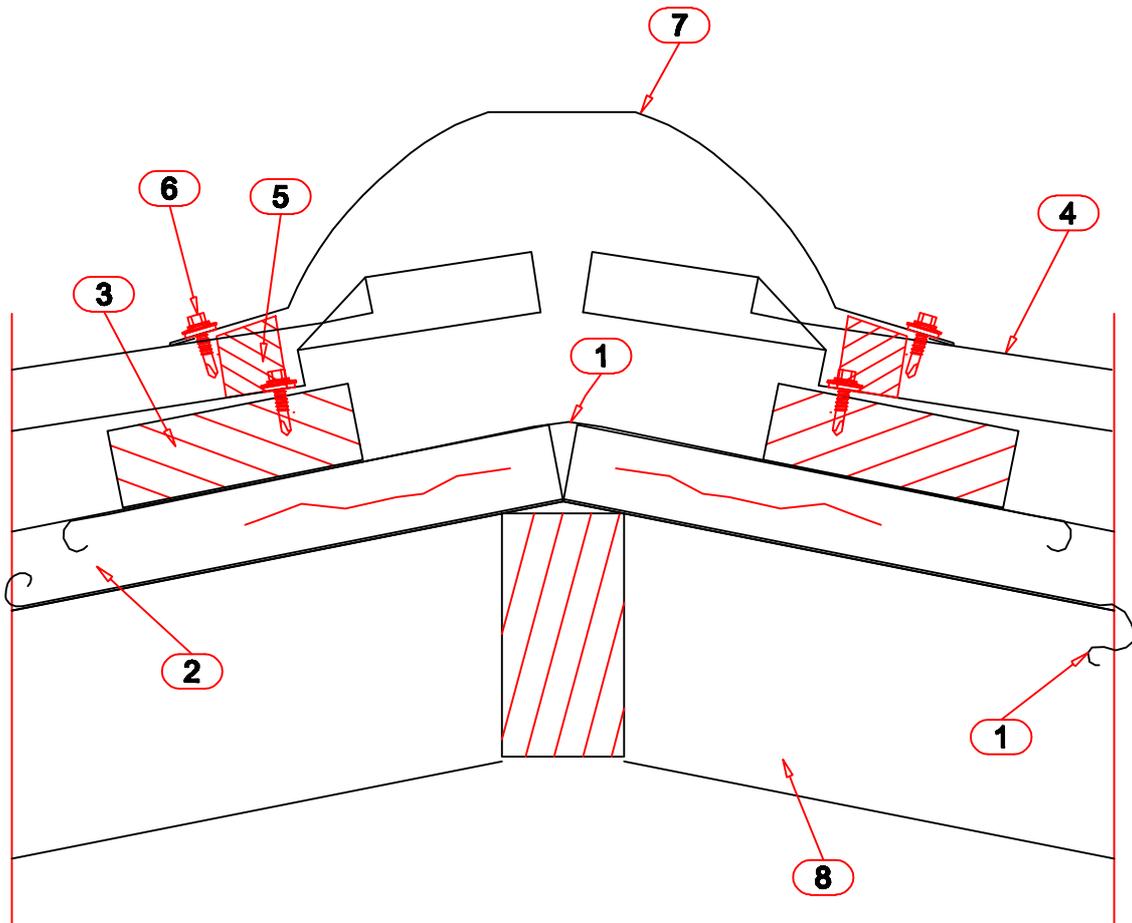
When using breathable underlay the strip of underlay (4) can be excluded and draw underlay (1) continuously over the ridge.

RUUKKI

Contents of drawing

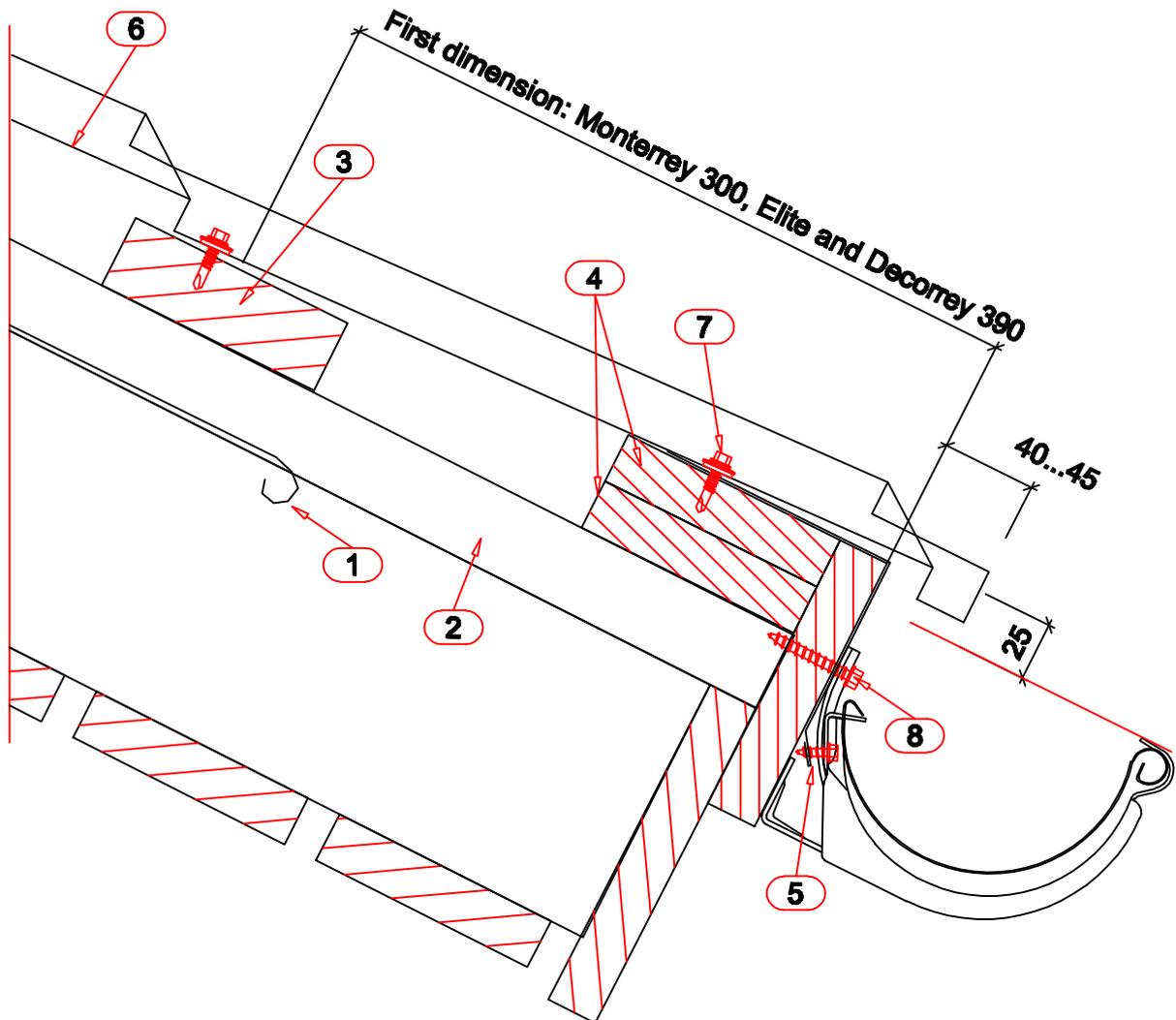
Tile sheet
Wooden batten
Ridge

Date 23.02.2011	Rev.date	Work nr.	Drw. nr. TSDFI06-01	Rev.
Drawn by Ruukki	Rev.	.	.	.
Scale 1:3	Building	.	File nr.	.



1. UNDERLAY
2. BATTEN, e.g. 32*50
3. WOODEN BATTEN 32*100
4. TILE SHEET, e.g. MONTERREY
5. UNIVERSAL SEALING
6. FASTENER
7. RIDGE CAPPING, RA1BRO
8. TIMBER JOISTS e.g. wooden grids extension rafter

Date	23.02.2011	Rev.date		Work nr.		Drw. nr.	TSDFI01-01	Rev.	.
Drawn by	Ruukki	Rev.	.						
Scale	1:3	Building	.			File nr.			



- 1. UNDERLAY
- 2. BATTEN, e.g. 32*50
- 3. WOODEN BATTEN 32*100
- 4. WOOD, 2 PIECE 22*100
- 5. EAVES FLASHING, RA1BE
- 6. TILE SHEET, e.g. MONTERREY
- 7. FASTENER
- 8. FASTENER

Underlay must always come over external wall!

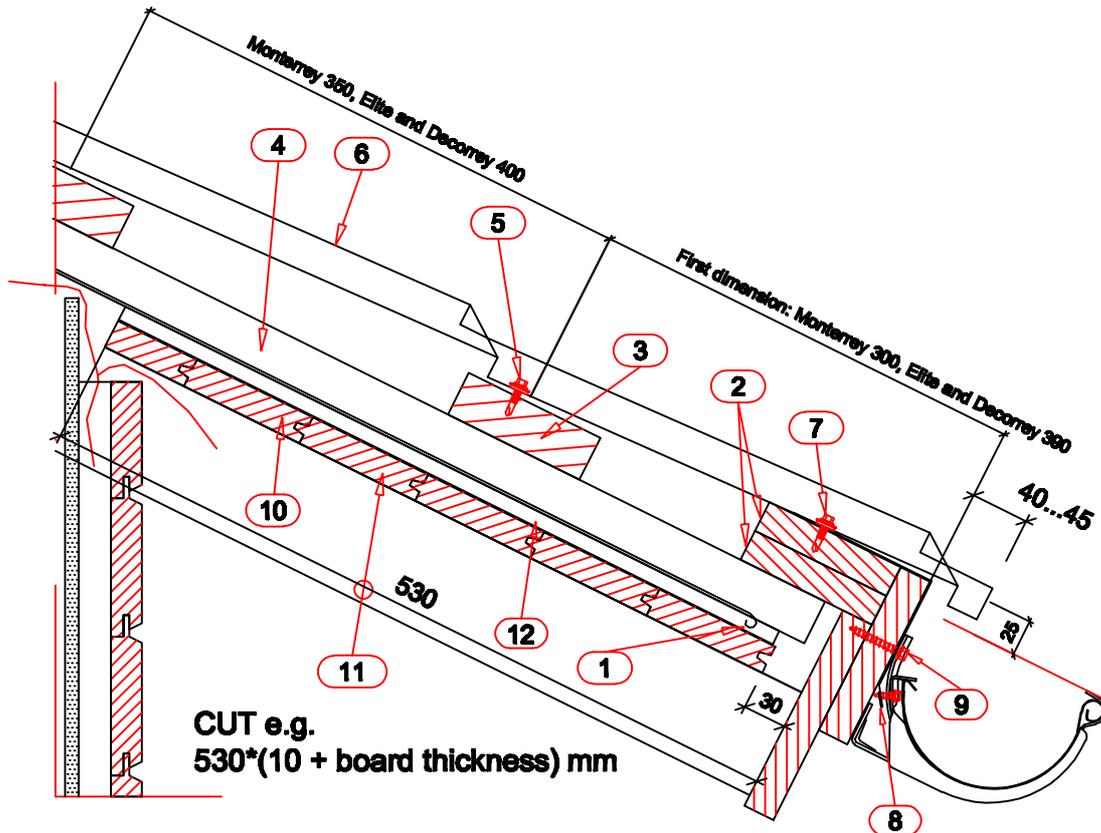
Eaves flashing RA1BE can be installed either under the gutter or over it.

RUUKKI

Contents of drawing

Tile sheet
Wooden battens
Side eaves
Overhead fascia board, notched roof struss

Date 23.02.2011	Rev. date	Work nr.	Drw nr. TSDFI01-03	Rev.
Drawn by Ruukki	Rev.			
Scale 1:5	Building		File nr.	

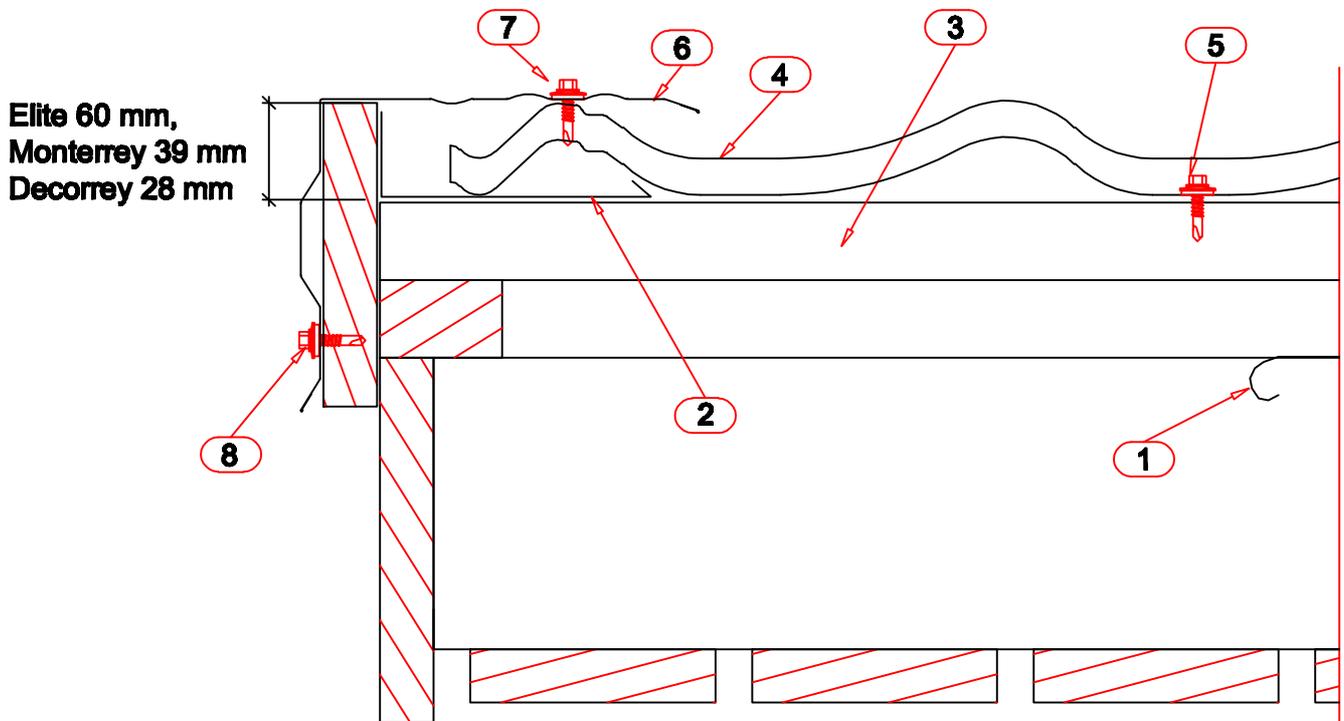


1. UNDERLAY
2. WOOD, 2 PIECE 22*100
3. WOODEN BATTEN 32*100
4. BATTEN, e.g. 32*50
5. FASTENER
6. TILE SHEET, e.g. MONTERREY
7. FASTENER
8. EAVES FLASHING, RA1BE
9. FASTENER
10. PANEL, e.g. 21*95
11. NOTCHED ROOF STRUSS
12. E.G. PLYWOOD BATTEN 10*50

Underlay must always come over external wall!

Eaves flashing RA1BE can be installed either under the gutter or over it.

Date 23.02.2011	Rev.date .	Work nr. .	Drw. nr. TSDFI02-01	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:3	Building .		File nr. .	



Elite 60 mm,
Monterrey 39 mm
Decorrey 28 mm

1. UNDERLAY
2. VERGE BOTTOM PROFILE RA1BB, (when necessary)
3. WOODEN BATTEN 32*100
4. TILE SHEET, e.g. MONTERREY
5. FASTENER
6. VERGE TRIM, RA1BG
7. FASTENER
8. FASTENER

Underlay must always come over external wall!

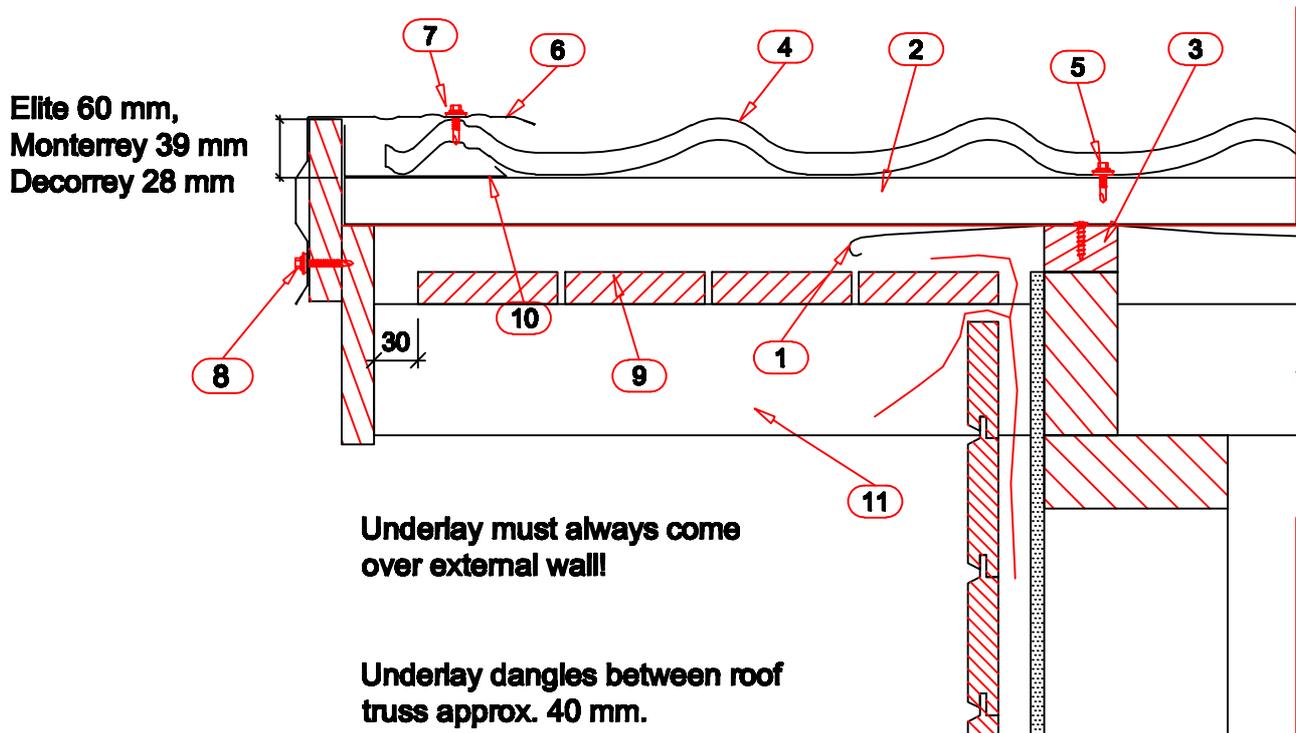
Underlay dangles between roof truss approx. 40 mm.

RUUKKI

Contents of drawing

Tile sheet
Wooden battens
Gable eaves
Overhead fascia board, notched roof struss

Date 23.02.2011	Rev. date .	Work nr. .	Drw nr. TSDFI02-03	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:5	Building .		File nr. .	



Elite 60 mm,
Monterrey 39 mm
Decorrey 28 mm

**Underlay must always come
over external wall!**

**Underlay dangles between roof
truss approx. 40 mm.**

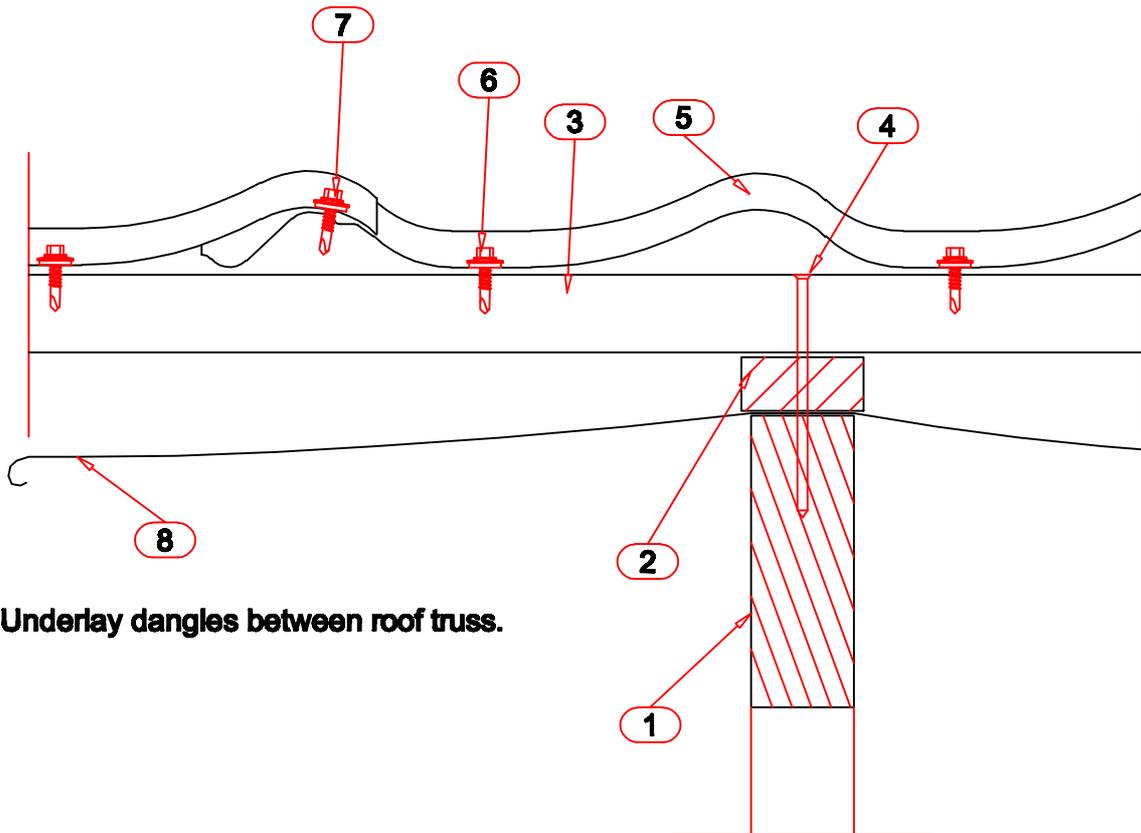
1. UNDERLAY
2. WOODEN BATTEN 32*100
3. BATTEN, E.G. 32*50
4. TILE SHEET, e.g. MONTERREY
5. FASTENER
6. VERGE TRIM, RA1BG
7. FASTENER
8. FASTENER
9. PANEL, e.g. 21*95
10. VERGE BOTTOM PROFILE RA1BB, (when necessary)
11. CONTINUOUS BEAMS

RUUKKI

Contents of drawing

Tile sheet
Wooden batten
Pane of roof

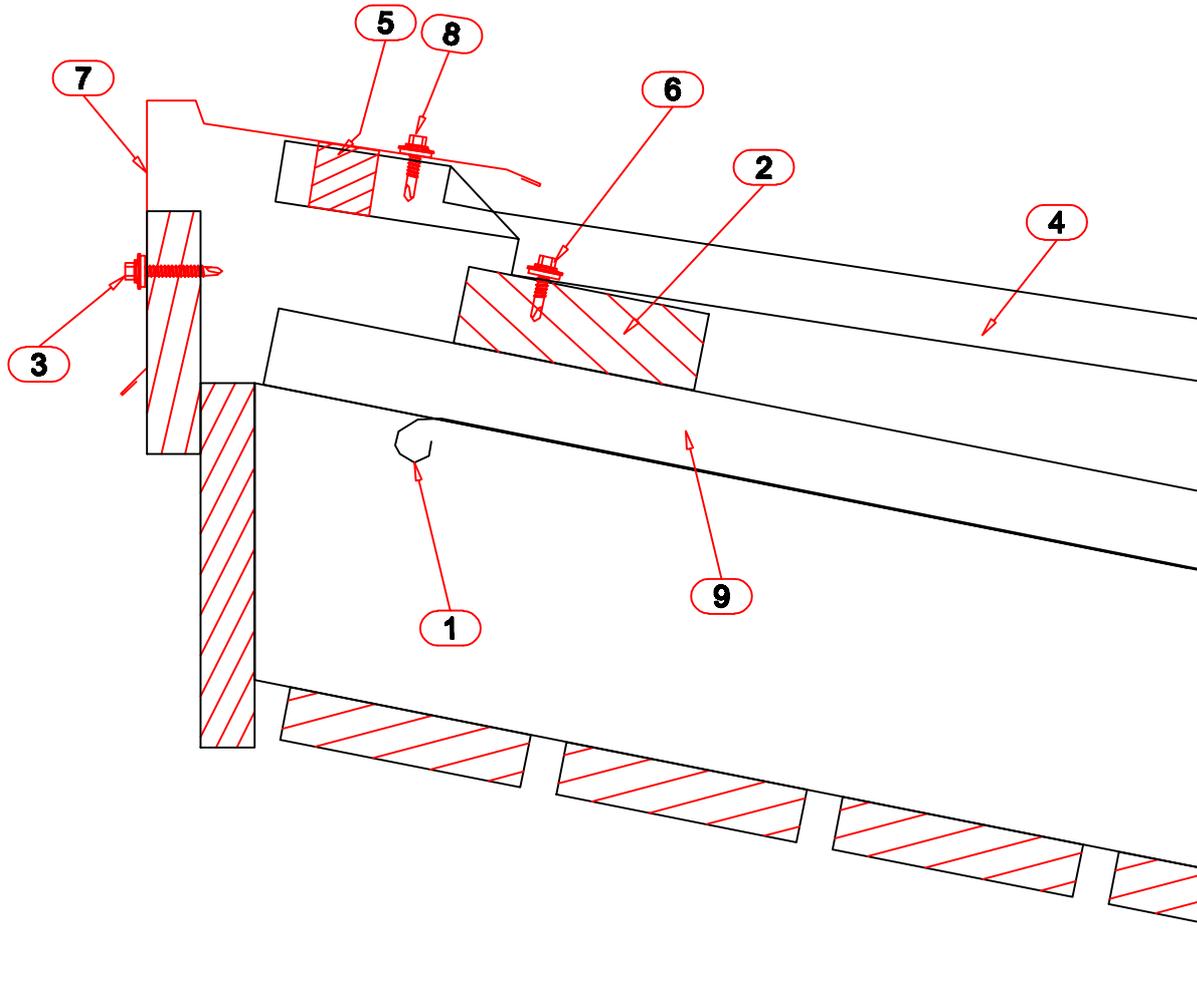
Date 23.02.2011	Rev.date	Work nr.	Drw. nr. TSDFI07-01	Rev.
Drawn by Ruukki	Rev.	.	.	.
Scale 1:3	Building	.	File nr.	.



Underlay dangles between roof truss.

1. ROOF RAIL
2. BATTEN, e.g. 32*50
3. WOODEN BATTEN 32*100
4. FASTENER
5. TILE SHEET, e.g. MONTERREY
6. FASTENER
7. OVERLAPPING SCREW
8. UNDERLAY

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Drawn by Ruukki	Rev. .			
Scale 1:3	Building .		File nr. .	



- 1. UNDERLAY
- 2. WOODEN BATTEN 32*100
- 3. FASTENER,
- 4. TILE SHEET e.g. MONTERREY
- 5. UNIVERSAL SEALING
- 6. FASTENER
- 7. UPPER EAVES FLASHING, RA1AEU
- 8. FASTENER
- 9. BATTEN, e.g 32*50

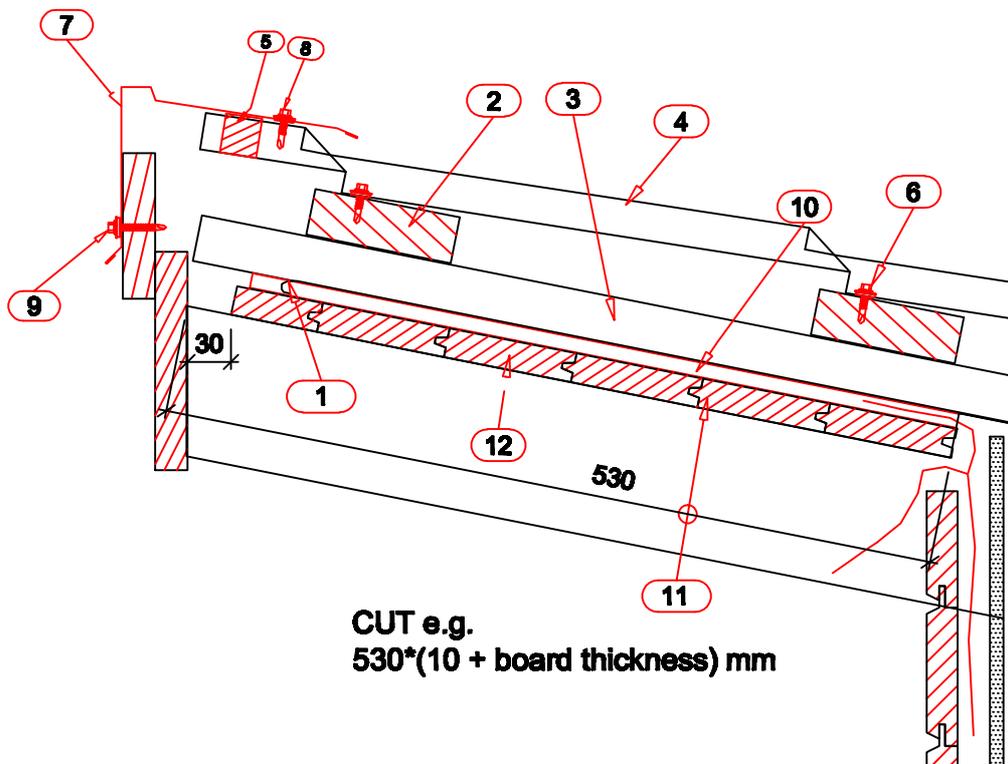
Underlay must always come over external wall!

RUUKKI

Contents of drawing

**Tile sheet
Wooden battens
Upper eaves for monopitch roof
Overhead fascia board, notched roof struss**

Date 23.02.2011	Rev. date	Work nr.	Drw nr. TSDFI04-03	Rev.
Drawn by Ruukki	Rev.			
Scale 1:5	Building		File nr.	



**CUT e.g.
530*(10 + board thickness) mm**

1. UNDERLAY
2. WOODEN BATTEN 32*100
3. BATTEN, e.g. 32*50
4. TILE SHEET, e.g. MONTERREY
5. UNIVERSAL SEALING
6. FASTENER
7. UPPER EAVES FLASHING, RA1AEU
8. FASTENER
9. FASTENER
10. E.G. PLYWOOD BATTEN 10*50
11. NOTCHED ROOF STRUSS
12. PANEL, E.G. 21*95

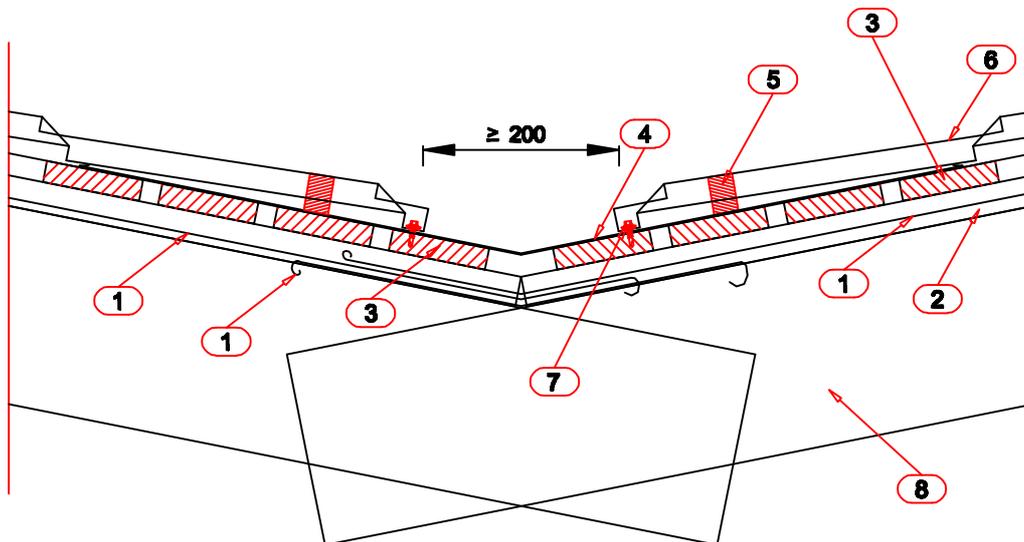
**Underlay must always come
over external wall!**

RUUKKI

Contents of drawing

**Tile sheet
Wooden batten
Roof valley straight**

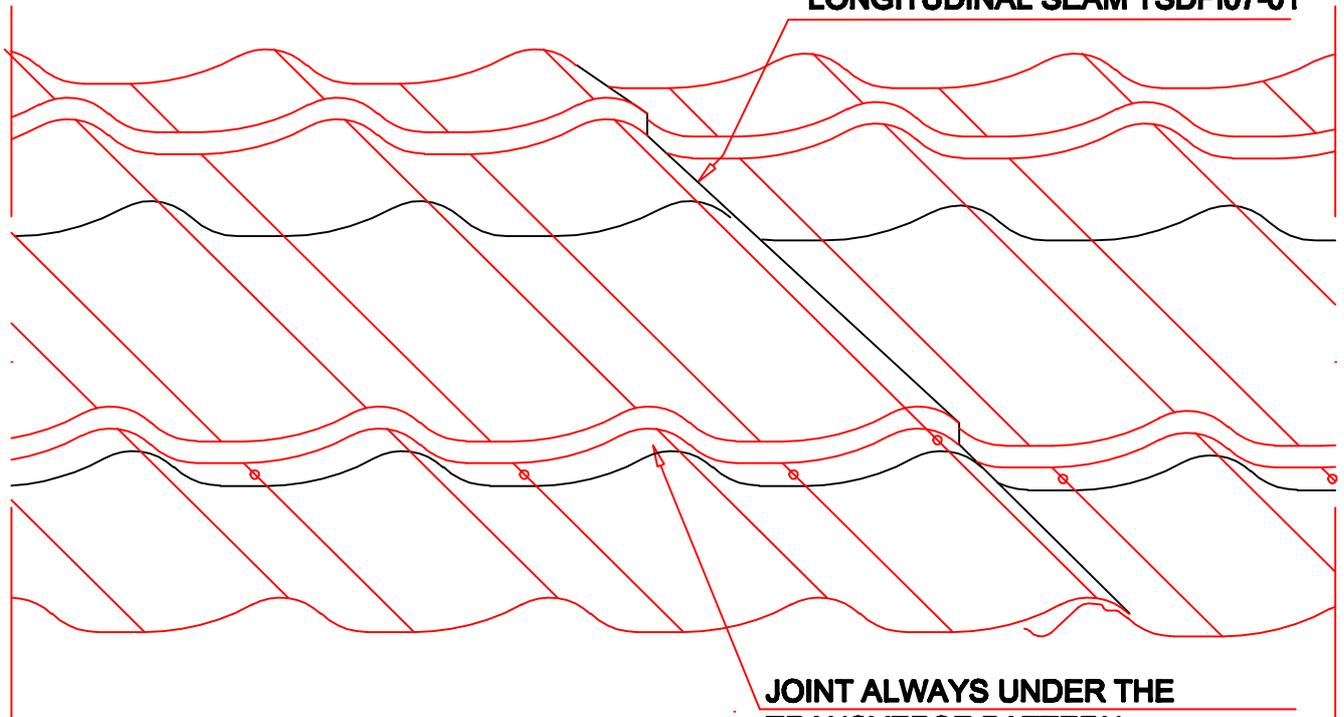
Date 23.02.2011	Rev. date .	Work nr. .	Drw. nr. TSDFI05-01	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:7.5	Building .		File nr. .	



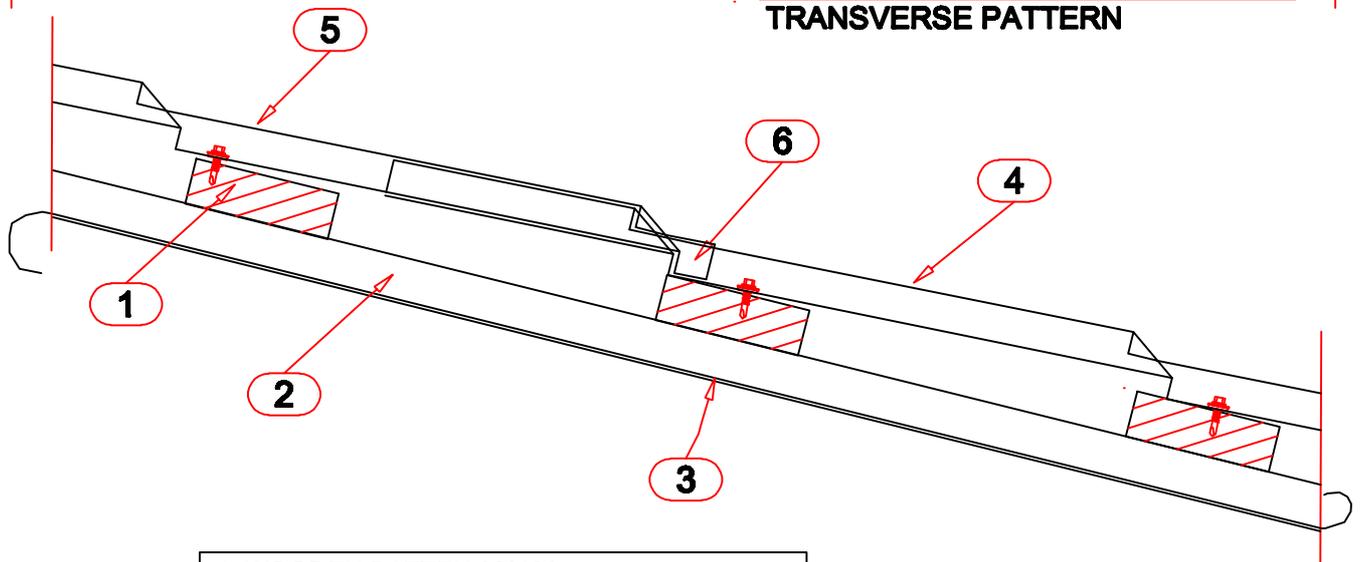
- | |
|--|
| <p>1. UNDERLAY
Lower strip of underlay parallel with roof valley, underlays from pane of the roof over it.</p> <p>2. BATTEN, e.g. 22*100</p> <p>3. BOARDING 22*100</p> <p>4. VALLEY FLASHING, RA1BV</p> <p>5. FILLER FOR ROOF VALLEY</p> <p>6. TILE SHEET, e.g. MONTERREY</p> <p>7. FASTENER</p> <p>8. ROOF RAIL, e.g. wooden grids extension rafter</p> |
|--|

Date 23.02.2011	Rev. date .	Work nr. .	Drw nr. TSDFI07-02	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:5	Building .		File nr. .	

LONGITUDINAL SEAM TSDFI07-01



**JOINT ALWAYS UNDER THE
TRANSVERSE PATTERN**



- 1. WOODEN BATTEN 32*100
- 2. BATTEN, e.g. 32*50
- 3. UNDERLAY
- 4. TILE SHEET, e.g. MONTERREY, LOWER
- 5. TILE SHEET, e.g. MONTERREY, UPPER
- 6. FASTENER, bottom in every wave

Date 23.02.2011	Rev. date	Work nr.	Drw nr. TSDFI07-03	Rev.
Drawn by Ruukki	Rev.	.	.	.
Scale 1:5	Building	.	File nr.	.

1. Eaves, on the bottom of every second wave.
2. Ridge, on the bottom of every second wave.
3. Flat joint, on the bottom of every wave.
4. Gable eaves, bottom of the outermost wave in every batten.
5. Logngitudinal seam, every transverse patterns wave lower ridge.
6. Mid range, every second batten, every 3. wave bottom.

