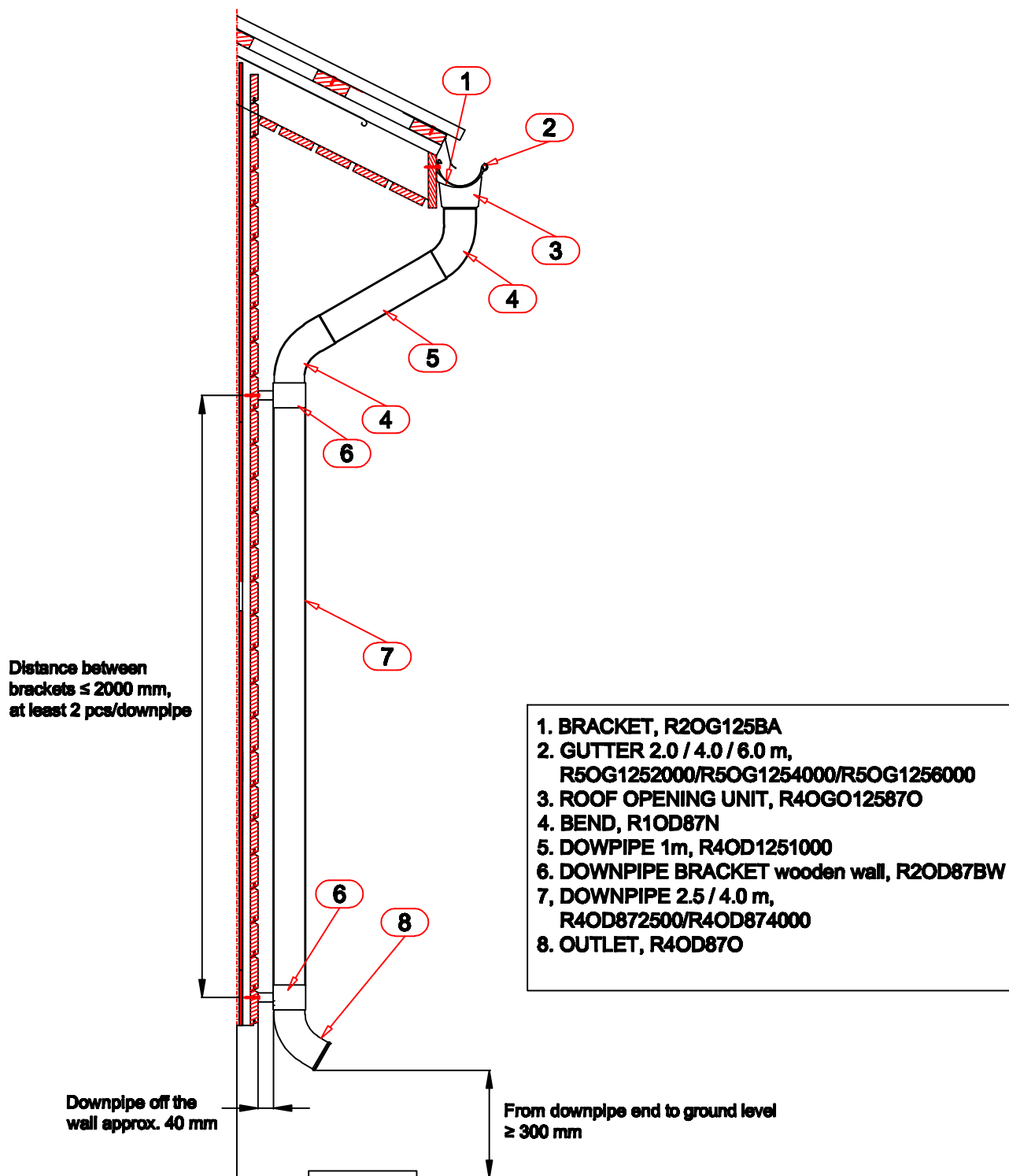


RUUKKI

Contents of drawing

RWS
Straight downpipe
CEE

Date 28.02.2006	Rev.date 24.08.2012	Work nr.	Drw. nr.	Rev.
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Scale 1:16	Building		File nr.	



Date 28.02.2006

Rev. date 24.08.2012

Work nr.

Drw. nr.

Rev.

Drawn by Ruukki

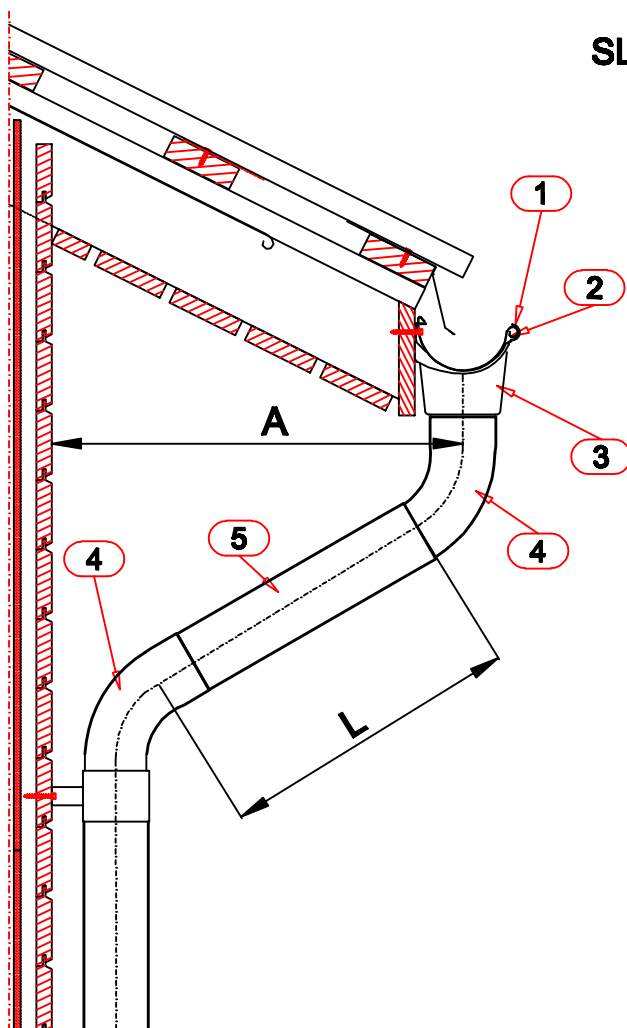
Rev.

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Building

File nr.

SLOPING DOWNPIPES CUTTING DIMENSION



A _(mm)	L _(mm)
500	390
520	410
540	430
560	460
580	480
600	500
620	530
640	550
660	570
680	590
700	620
720	640
740	660
760	690
780	710
800	730
820	760
840	780
860	800
880	830
900	850
920	870
940	890
960	920
980	940
1000	960

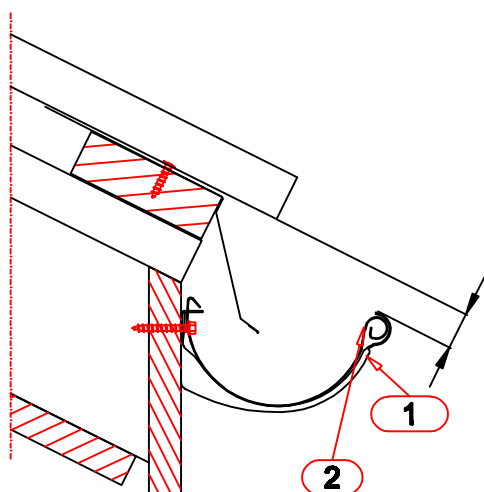
1. BRACKET, R2OG125BA
2. GUTTER 2.0 / 4.0 / 6.0 m,
R5OG1252000/R5OG1254000/R5OG1256000
3. ROOF OPENING UNIT, R4OGO12587O
4. BEND, R1OD87N
5. DOWNPIPE 1 m, R4OD1251000



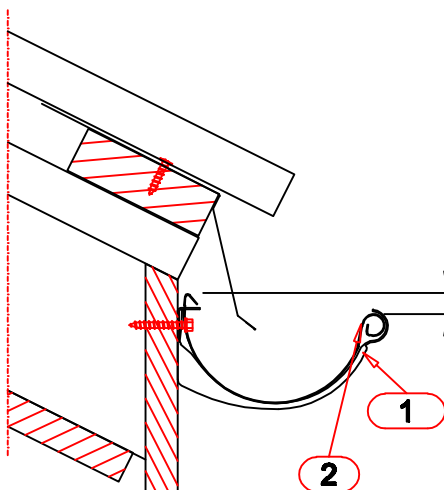
Contents of drawing

RWS Installing gutter CEE

Date 28.02.2006	Rev. date 24.08.2012	Work nr.	Drw. nr.	Rev.
Drawn by Ruukki	Rev.			
Scale 1:5	Building		File nr.	



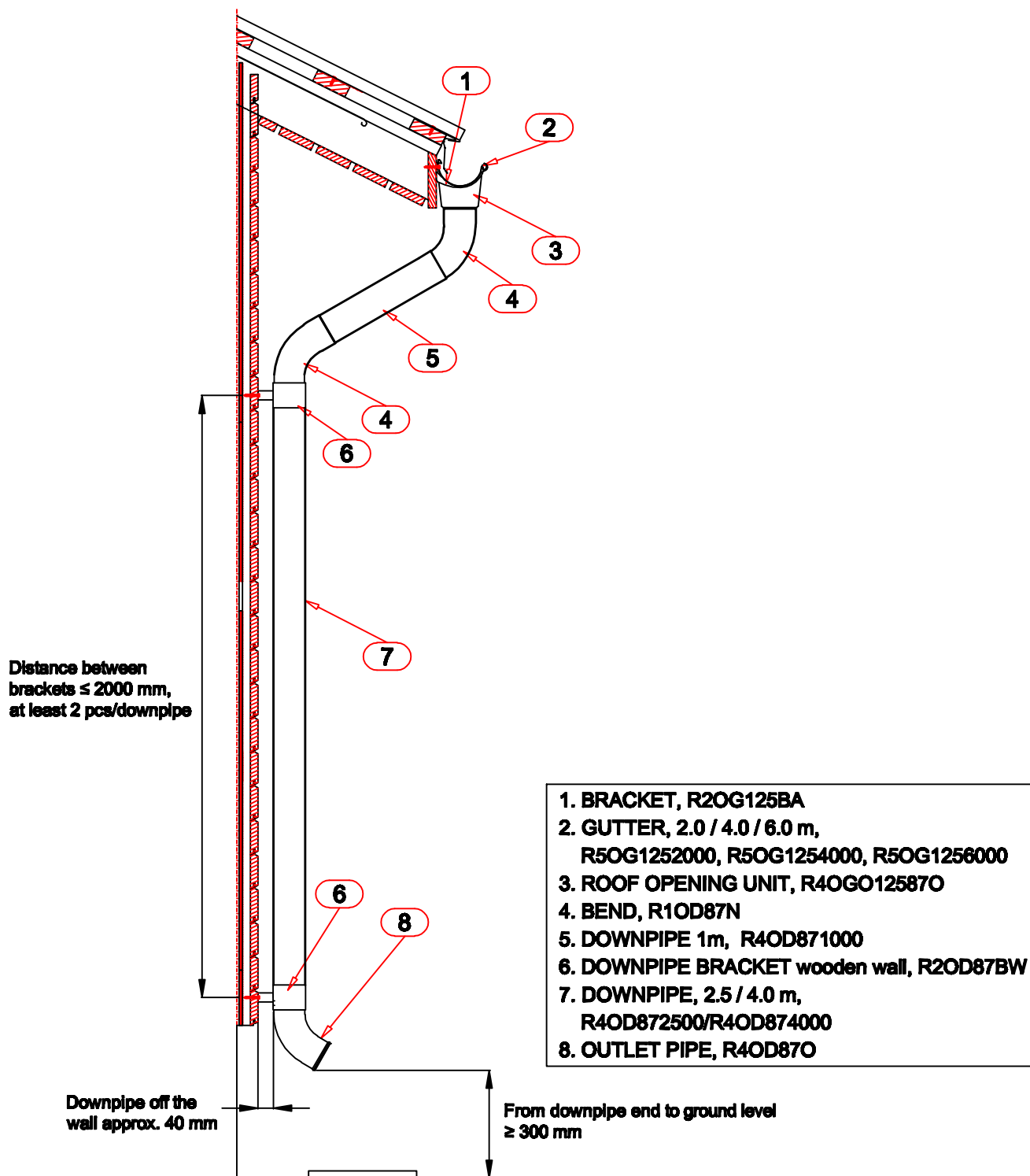
First bracket is fixed so that the height difference of supposed roof level and gutters outer edge is ≥ 25 mm.



Gutters rear end should be ≥ 8 mm higher than front edge.

1. BRACKET, R2OG125BA
2. GUTTER, 2.0 / 4.0 / 6.0 m, R5OG1252000, R5OG1254000, R5OG1256000

Date 28.02.2006	Rev.date 24.08.2012	Work nr.	Drw. nr.	Rev.
Drawn by Ruukki	Rev.			
Scale 1:16	Building		File nr.	



Date 28.02.2006

Rev. date 24.08.2012

Work nr.

Drw. nr.

Rev.

Drawn by Ruukki

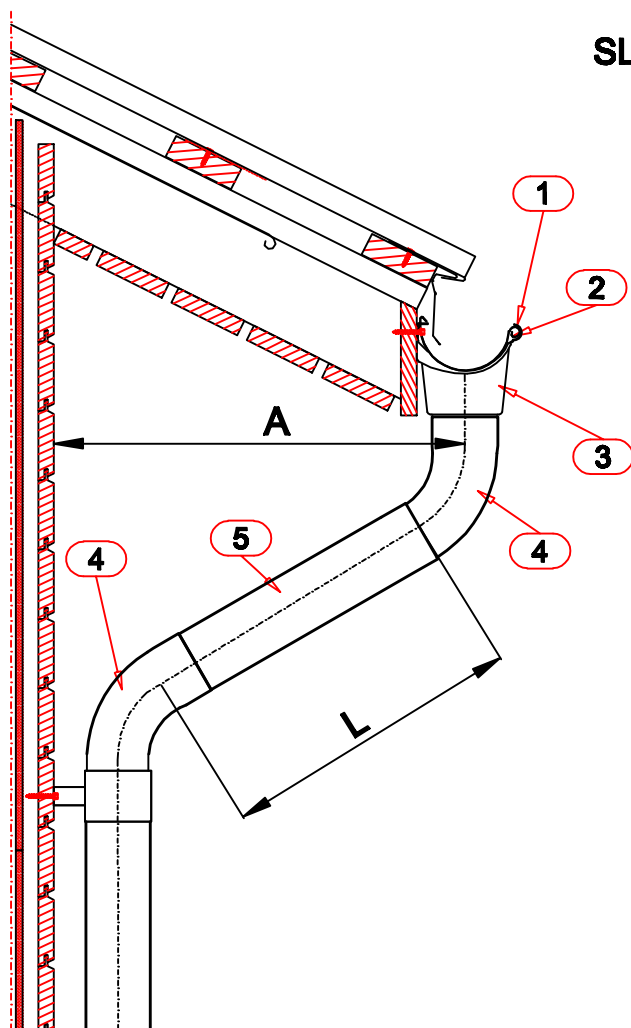
Rev.

Scale 1:10

Building

File nr.

SLOPING DOWNPIPES CUTTING DIMENSION



A _(mm)	L _(mm)
500	390
520	410
540	430
560	460
580	480
600	500
620	530
640	550
660	570
680	590
700	620
720	640
740	660
760	690
780	710
800	730
820	760
840	780
860	800
880	830
900	850
920	870
940	890
960	920
980	940
1000	960

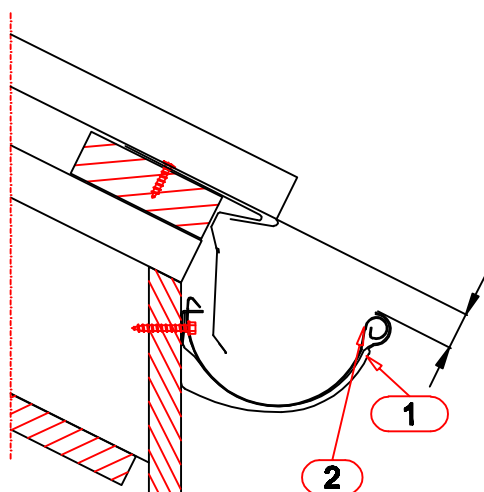
1. BRACKET, R2OG125BA
2. GUTTER, 2.0 / 4.0 / 6.0 m,
R5OG1252000, R5OG1254000, R5OG1256000
3. ROOF OPENING UNIT, R4OGO12587O
4. BEND, R1OD87N
5. DOWNPIPE 1m, R4OD871000



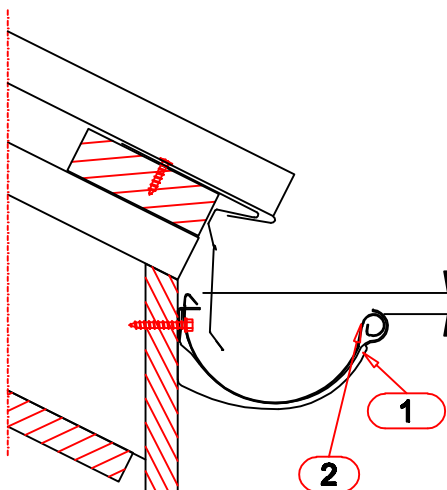
Contents of drawing

RWS Installing gutter CEE

Date 28.02.2006	Rev. date 24.08.2012	Work nr.	Drw. nr.	Rev.
Drawn by Ruukki	Rev.			
Scale 1:5	Building		File nr.	



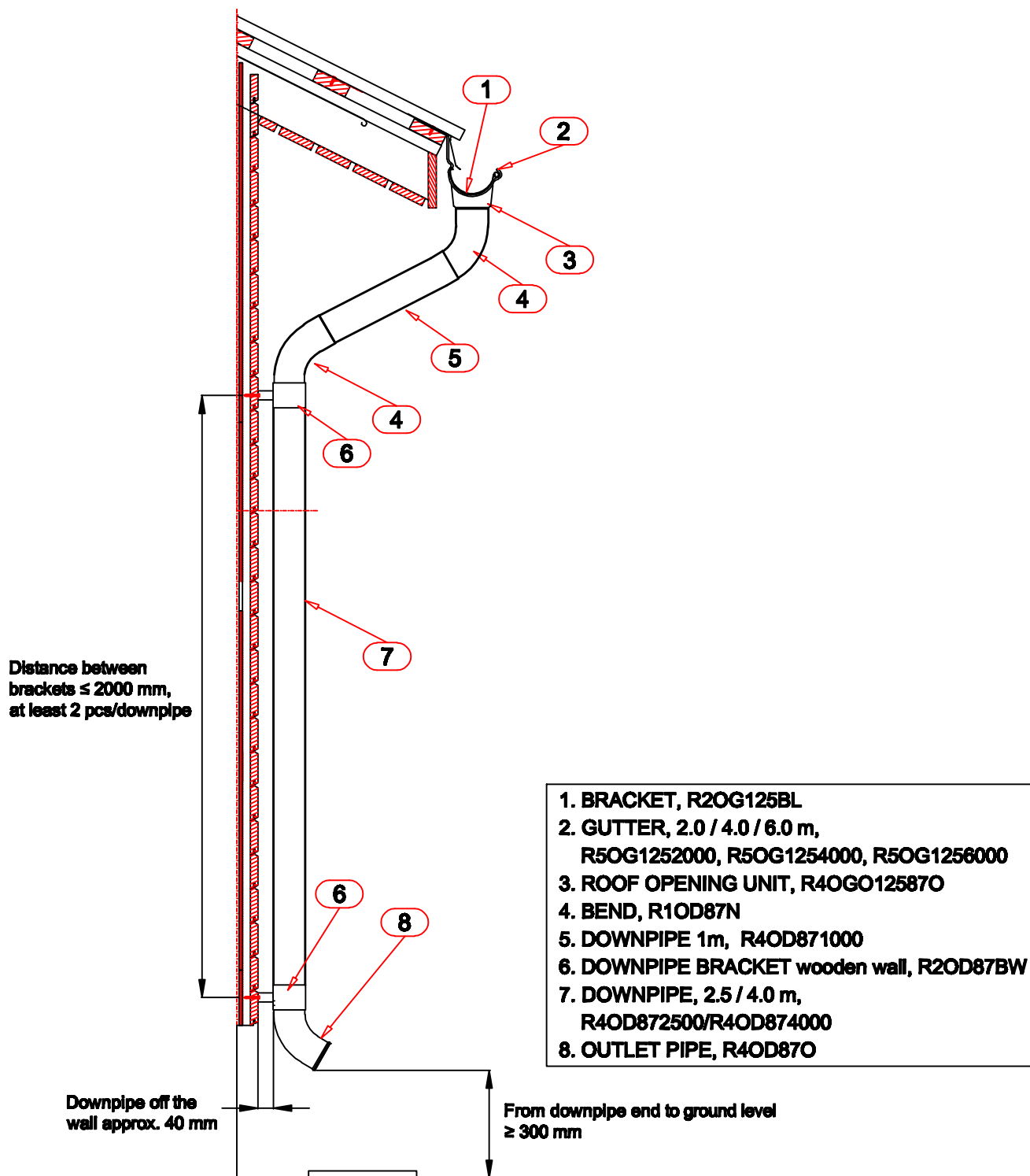
First bracket is fixed so that the height difference of supposed roof level and gutters outer edge is ≥ 25 mm.



Gutters rear end should be ≥ 8 mm higher than front edge.

1. BRACKET, R2OG125BA
2. GUTTER, 2.0 / 4.0 / 6.0 m,
R5OG1252000, R5OG1254000, R5OG1256000

Date 28.02.2006	Rev.date 24.08.2012	Work nr.	Drw. nr.	Rev.
Drawn by Ruukki	Rev.			
Scale 1:16	Building		File nr.	



Date 28.02.2006

Rev. date 24.08.2012

Work nr.

Drw. nr.

Rev.

Drawn by Ruukki

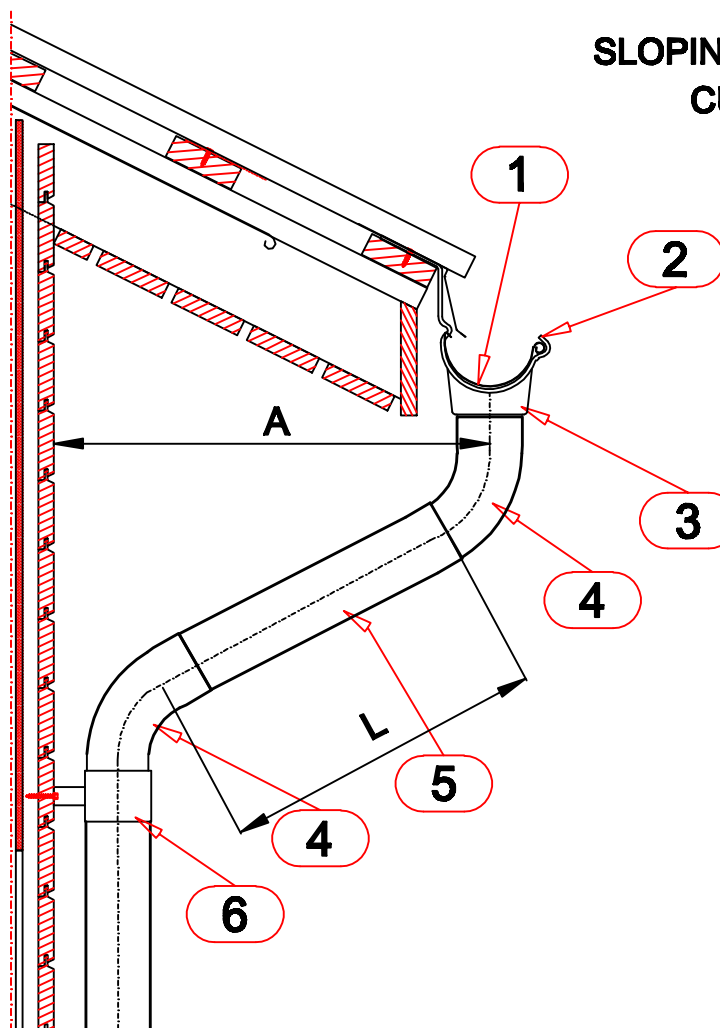
Rev.

Scale 1:10

Building

File nr.

SLOPING DOWNPIPES CUTTING DIMENSION



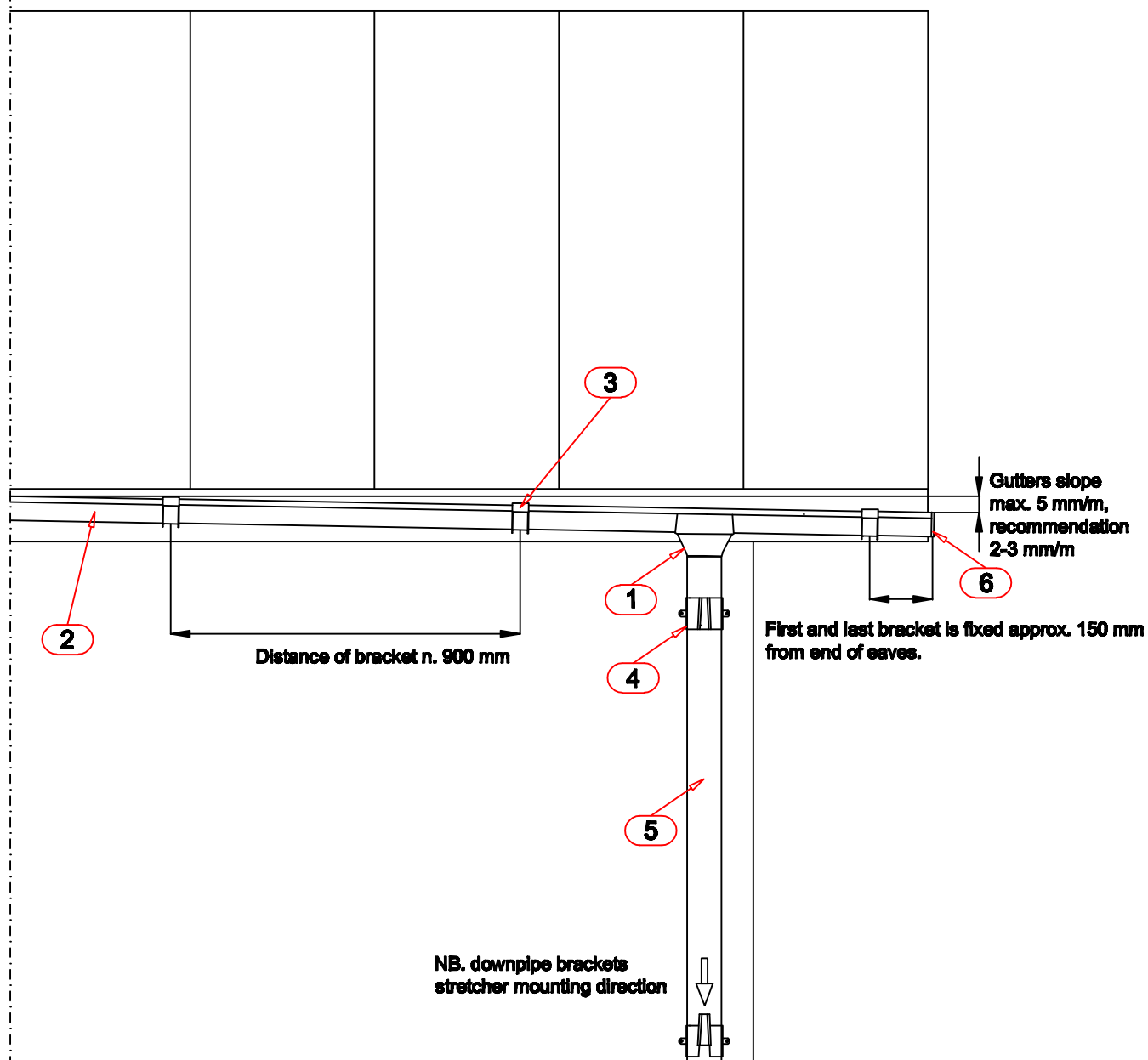
A _(mm)	L _(mm)
500	390
520	410
540	430
560	460
580	480
600	500
620	530
640	550
660	570
680	590
700	620
720	640
740	660
760	690
780	710
800	730
820	760
840	780
860	800
880	830
900	850
920	870
940	890
960	920
980	940
1000	960

1. BRACKET, R2OG125BL
2. GUTTER, 2.0 / 4.0 / 6.0 m,
R5OG1252000, R5OG1254000, R5OG1256000
3. ROOF OPENING UNIT, R4OGO12587O
4. BEND, R1OD87N
5. DOWNPIPE 1m, R4OD871000

**Contents of drawing**

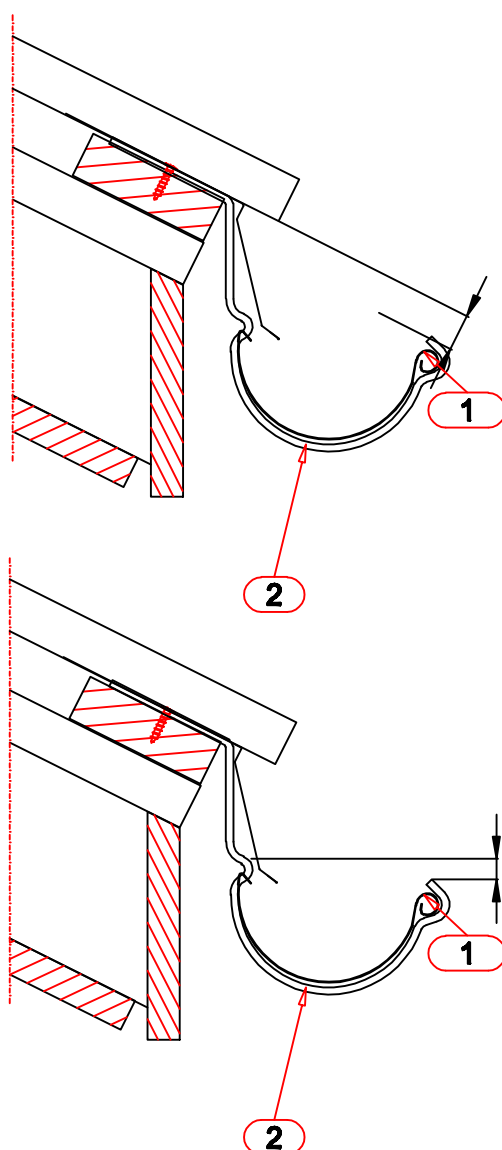
RWS
Gutter slope and installing brackets
CEE

Date 28.02.2006	Rev. date 24.08.2012	Work nr.	Drw. nr.	Rev.
Drawn by Ruukki	Rev.			
Scale 1:16	Building		File nr.	



1. ROOF OPENING UNIT, R4OGO12587O
2. GUTTER, 2.0 / 4.0 / 6.0 m, R5OG1252000, R5OG1254000, R5OG1256000
3. BRACKET, R2OG125BL
4. DOWNPIPE BRACKET wooden wall, R2OD87BW
5. DOWNPIPE 2.5 / 4.0 m, R4OD872500/R4OD874000
6. GUTTER END PIECE, R5OG125EU

Date 28.02.2006	Rev. date 24.08.2012	Work nr.	Drw. nr.	Rev.
Drawn by Ruukki	Rev.			
Scale 1:5	Building		File nr.	

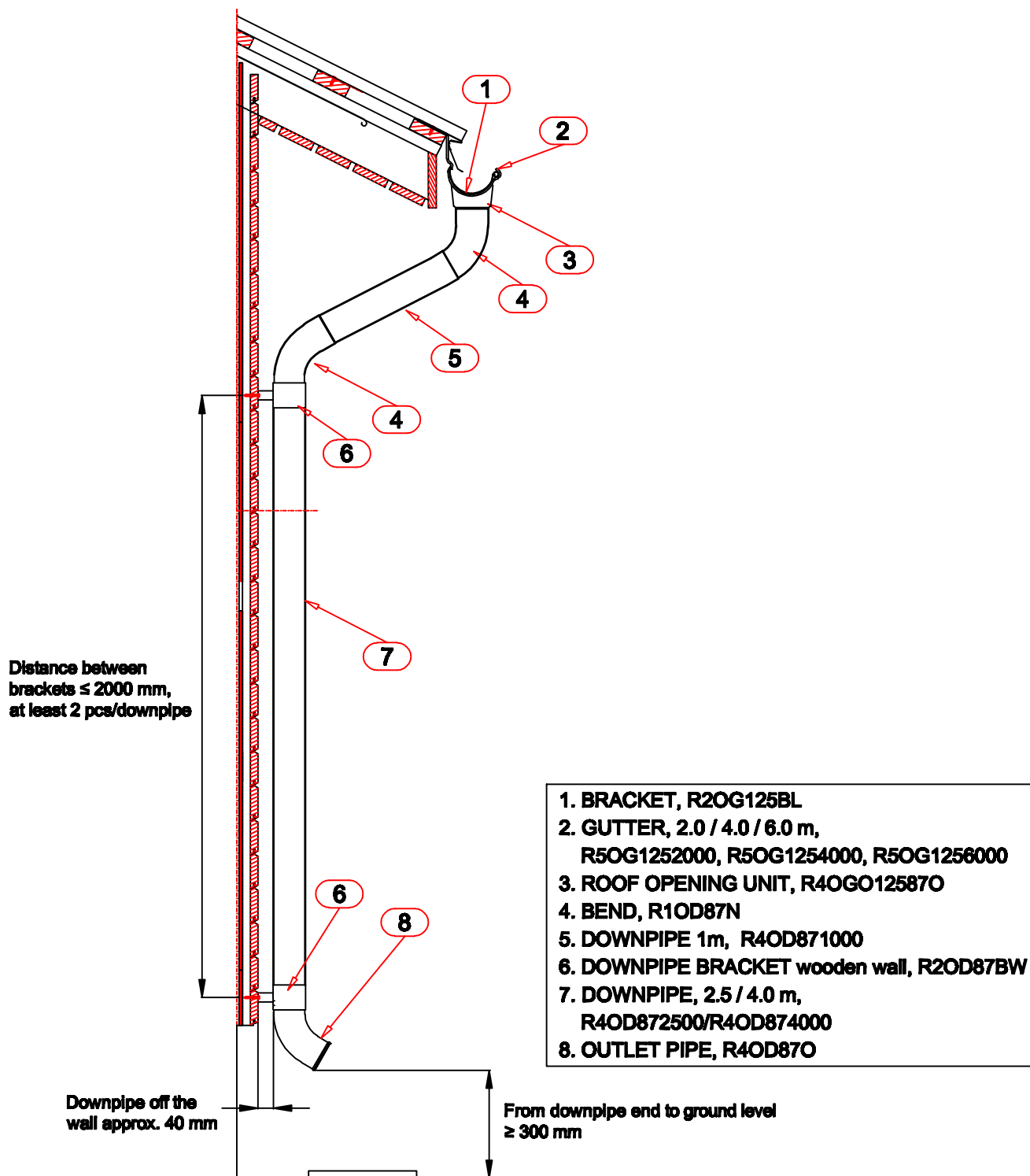


First bracket is fixed so that the height difference of supposed roof level and gutters outer edge is ≥ 25 mm.

Gutters rear end should be ≥ 8 mm higher than front edge.

- 1. BRACKET, R2OG125BL
- 2. GUTTER, 2.0 / 4.0 / 6.0 m,
R5OG1252000, R5OG1254000, R5OG1256000

Date 28.02.2006	Rev.date 24.08.2012	Work nr.	Drw. nr.	Rev.
Drawn by Ruukki	Rev.			
Scale 1:16	Building		File nr.	



Date
28.02.2006

Rev. date
24.08.2012

Work nr.

Drw. nr.

Rev.

Drawn by
Ruukki

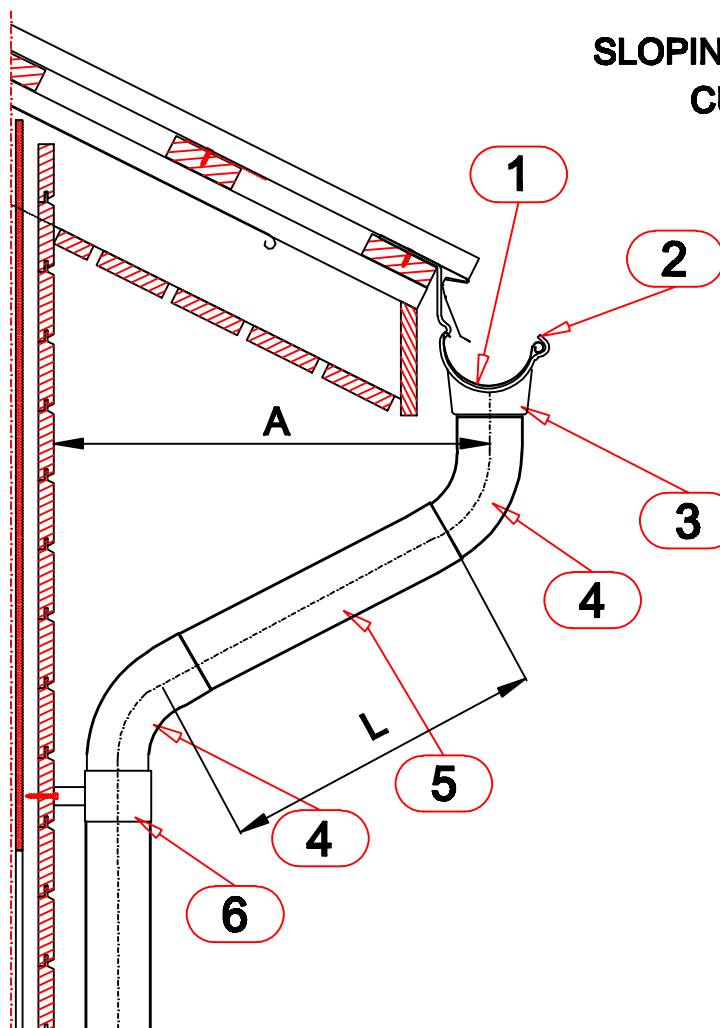
Rev.

Scale
1:10

Building

File nr.

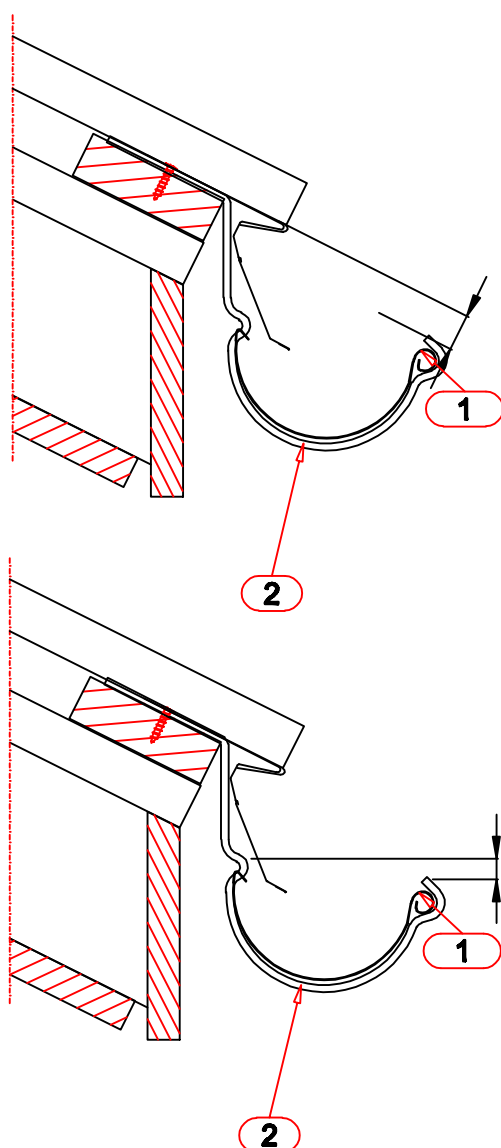
SLOPING DOWNPIPES CUTTING DIMENSION



A _(mm)	L _(mm)
500	390
520	410
540	430
560	460
580	480
600	500
620	530
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780	710
800	730
820	760
840	780
860	800
880	830
900	850
920	870
940	890
960	920
980	940
1000	960

1. BRACKET, R2OG125BL
2. GUTTER, 2.0 / 4.0 / 6.0 m,
R5OG1252000, R5OG1254000, R5OG1256000
3. ROOF OPENING UNIT, R4OGO12587O
4. BEND, R1OD87N
5. DOWNPIPE 1m, R4OD871000

Date 28.02.2006	Rev. date 24.08.2012	Work nr.	Drw. nr.	Rev.
Drawn by Ruukki	Rev.			
Scale 1:5	Building		File nr.	



First bracket is fixed so that the height difference of supposed roof level and gutters outer edge is ≥ 25 mm.

Gutters rear end should be ≥ 8 mm higher than front edge.

- 1. BRACKET, R2OG125BL
- 2. GUTTER, 2.0 / 4.0 / 6.0 m,
R5OG1252000, R5OG1254000, R5OG1256000