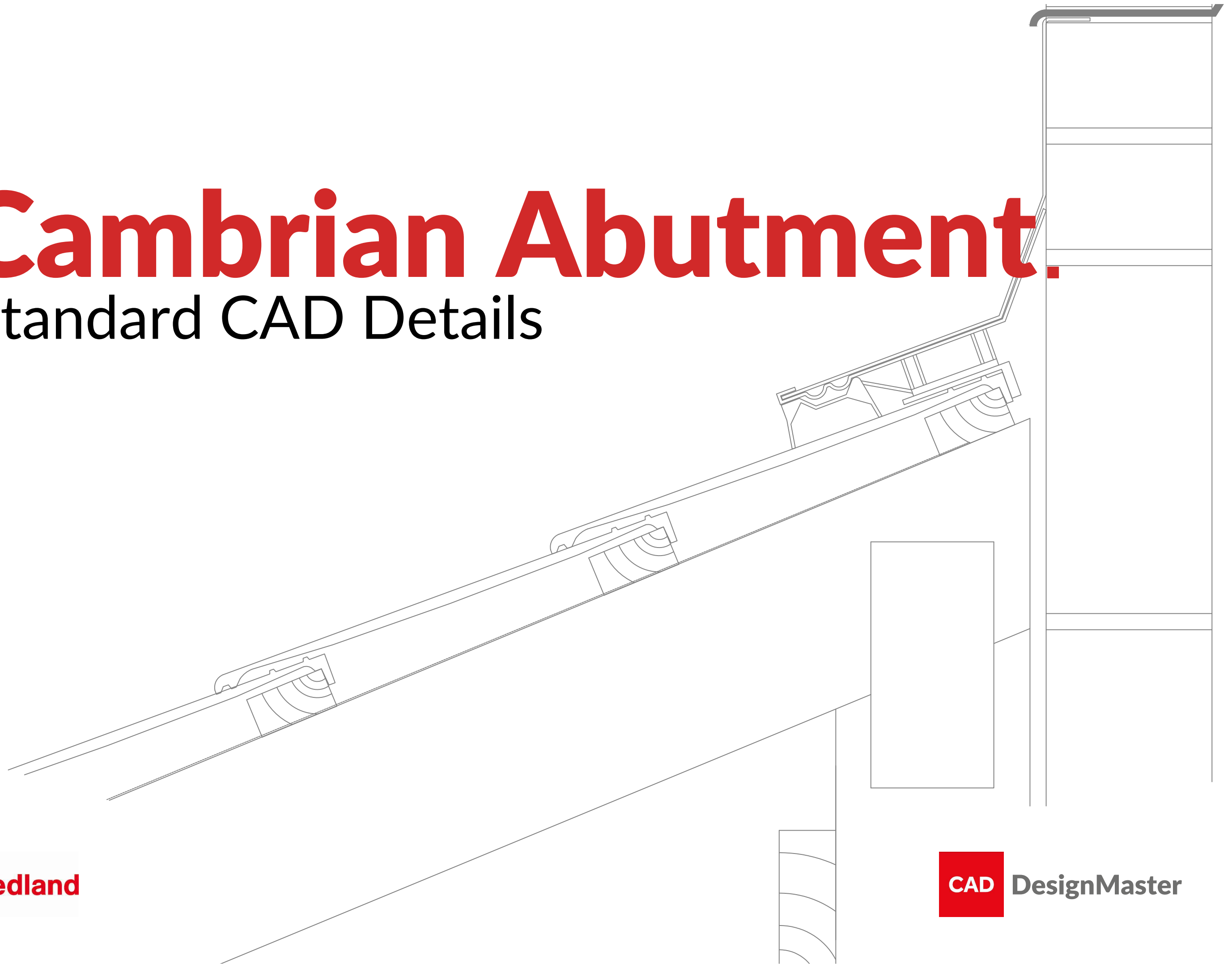
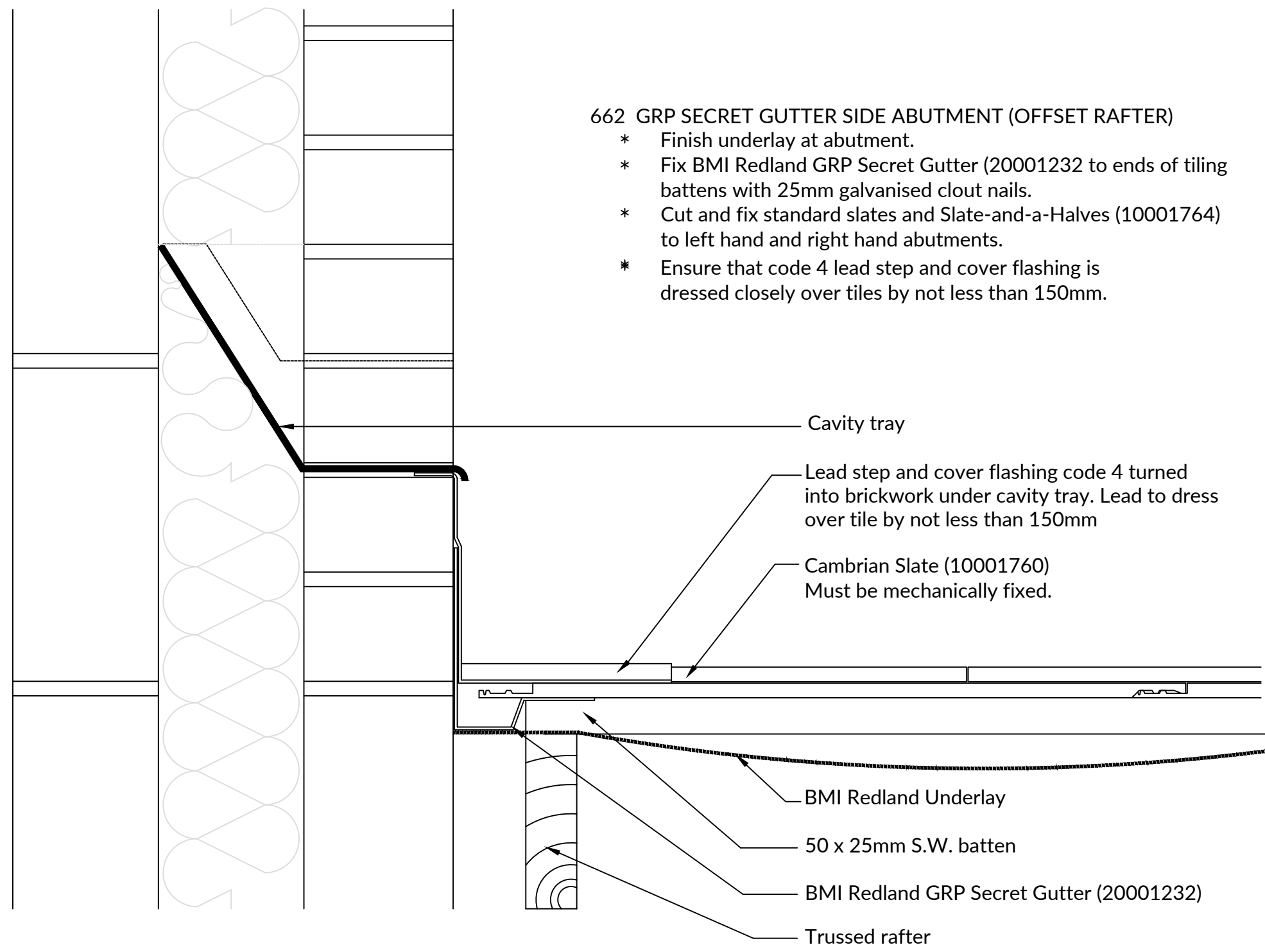


Cambrian Abutment.

Standard CAD Details





662 GRP SECRET GUTTER SIDE ABUTMENT (OFFSET RAFTER)

- * Finish underlay at abutment.
- * Fix BMI Redland GRP Secret Gutter (20001232 to ends of tiling battens with 25mm galvanised clout nails.
- * Cut and fix standard slates and Slate-and-a-Halves (10001764) to left hand and right hand abutments.
- * Ensure that code 4 lead step and cover flashing is dressed closely over tiles by not less than 150mm.

Cavity tray

Lead step and cover flashing code 4 turned into brickwork under cavity tray. Lead to dress over tile by not less than 150mm

Cambrian Slate (10001760)
Must be mechanically fixed.

BMI Redland Underlay

50 x 25mm S.W. batten

BMI Redland GRP Secret Gutter (20001232)

Trussed rafter

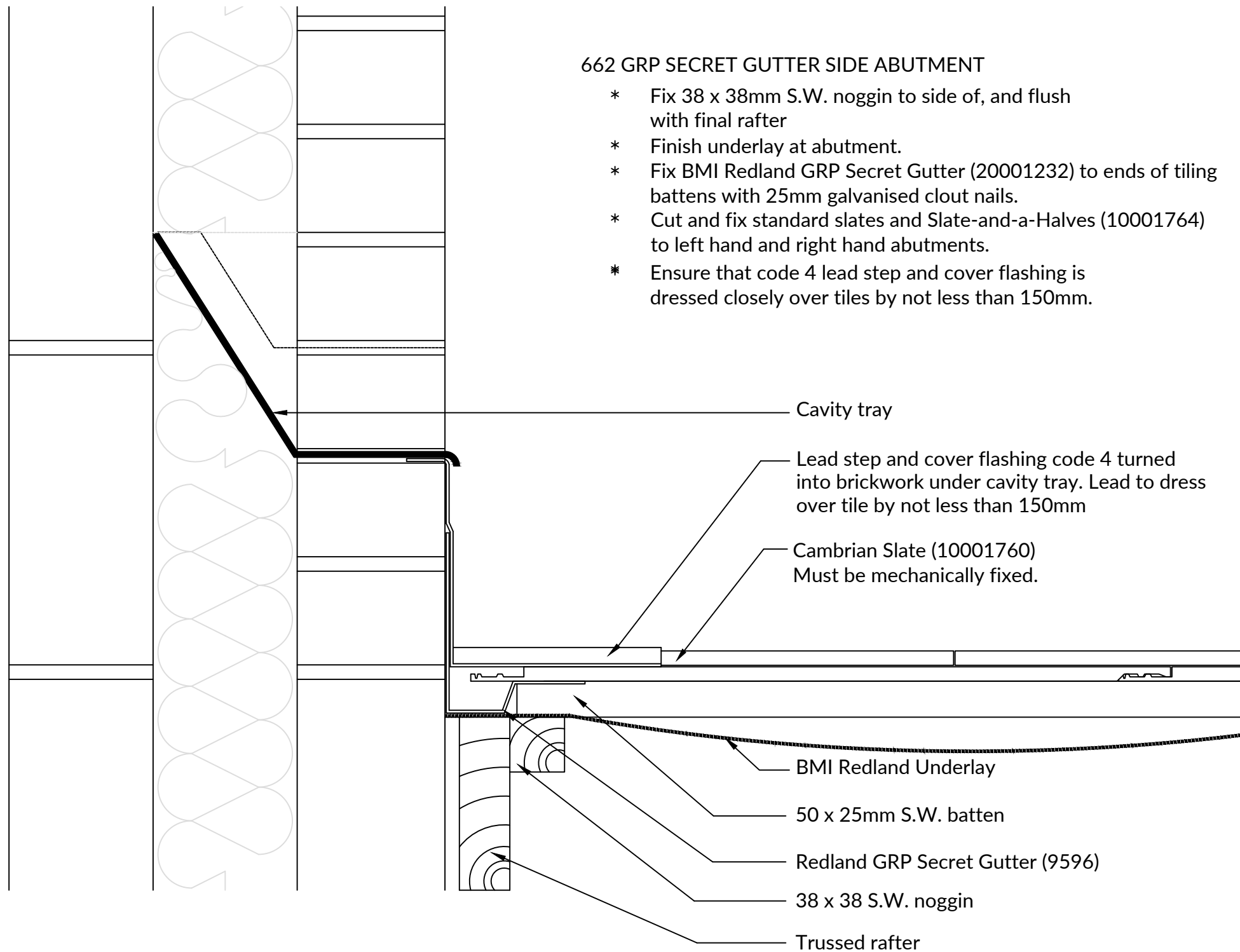


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Drawing Title:	GRP Secret Gutter Side Abutment (Offset Rafter)				
System:	Cambrian / GRP Secret Gutter				
Dwg. No:	CA22EVE2	Date:	09 May 2022	Scale	NTS

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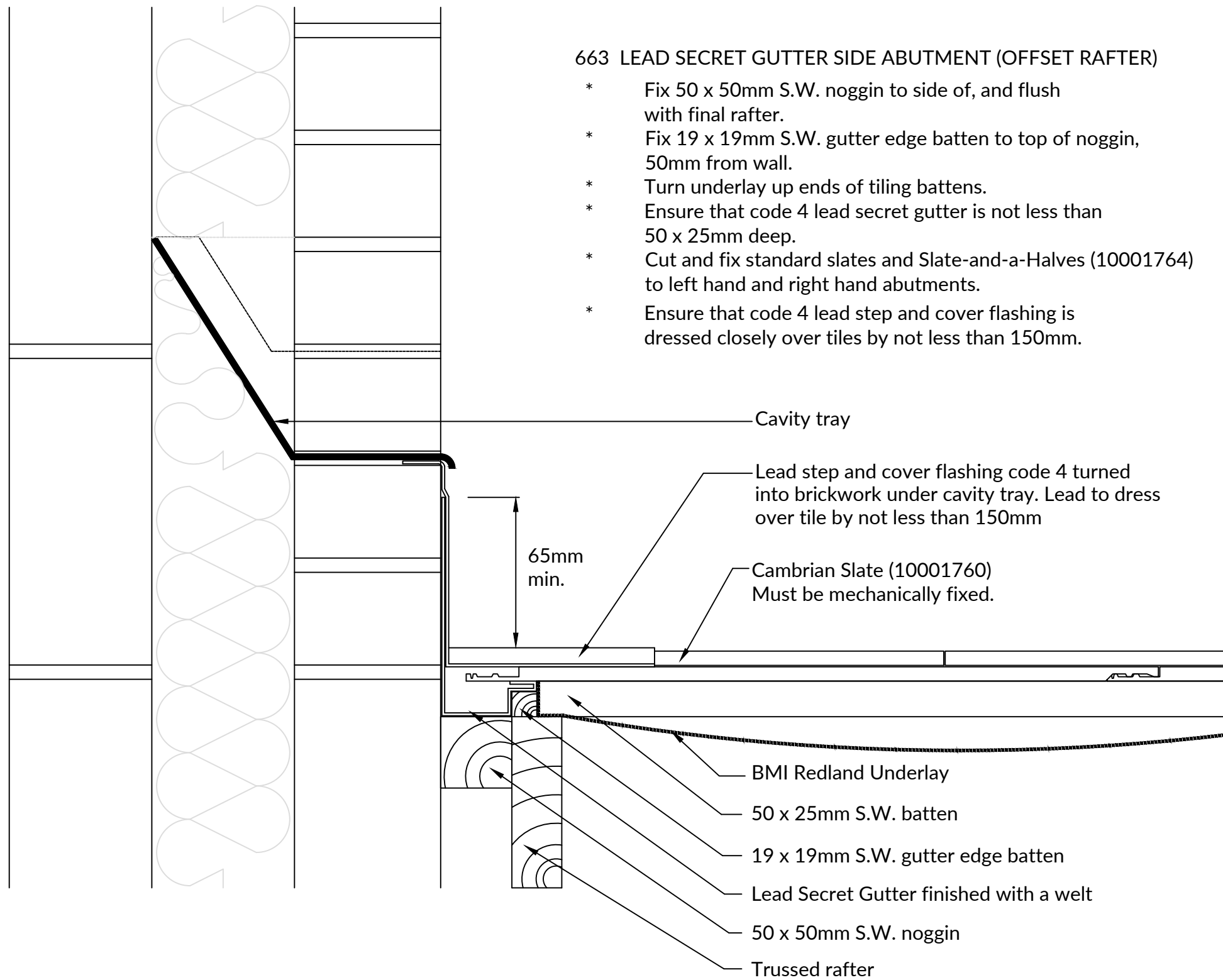


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Drawing Title:	GRP Secret Gutter Side Abutment				
System:	Cambrian / GRP Secret Gutter				
Dwg. No:	CA00SDE4	Date:	09 May 2022	Scale	NTS

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663 LEAD SECRET GUTTER SIDE ABUTMENT (OFFSET RAFTER)

- * Fix 50 x 50mm S.W. noggin to side of, and flush with final rafter.
- * Fix 19 x 19mm S.W. gutter edge batten to top of noggin, 50mm from wall.
- * Turn underlay up ends of tiling battens.
- * Ensure that code 4 lead secret gutter is not less than 50 x 25mm deep.
- * Cut and fix standard slates and Slate-and-a-Halves (10001764) to left hand and right hand abutments.
- * Ensure that code 4 lead step and cover flashing is dressed closely over tiles by not less than 150mm.

Cavity tray

Lead step and cover flashing code 4 turned into brickwork under cavity tray. Lead to dress over tile by not less than 150mm

65mm min.

Cambrian Slate (10001760)
Must be mechanically fixed.

BMI Redland Underlay

50 x 25mm S.W. batten

19 x 19mm S.W. gutter edge batten

Lead Secret Gutter finished with a welt

50 x 50mm S.W. noggin

Trussed rafter

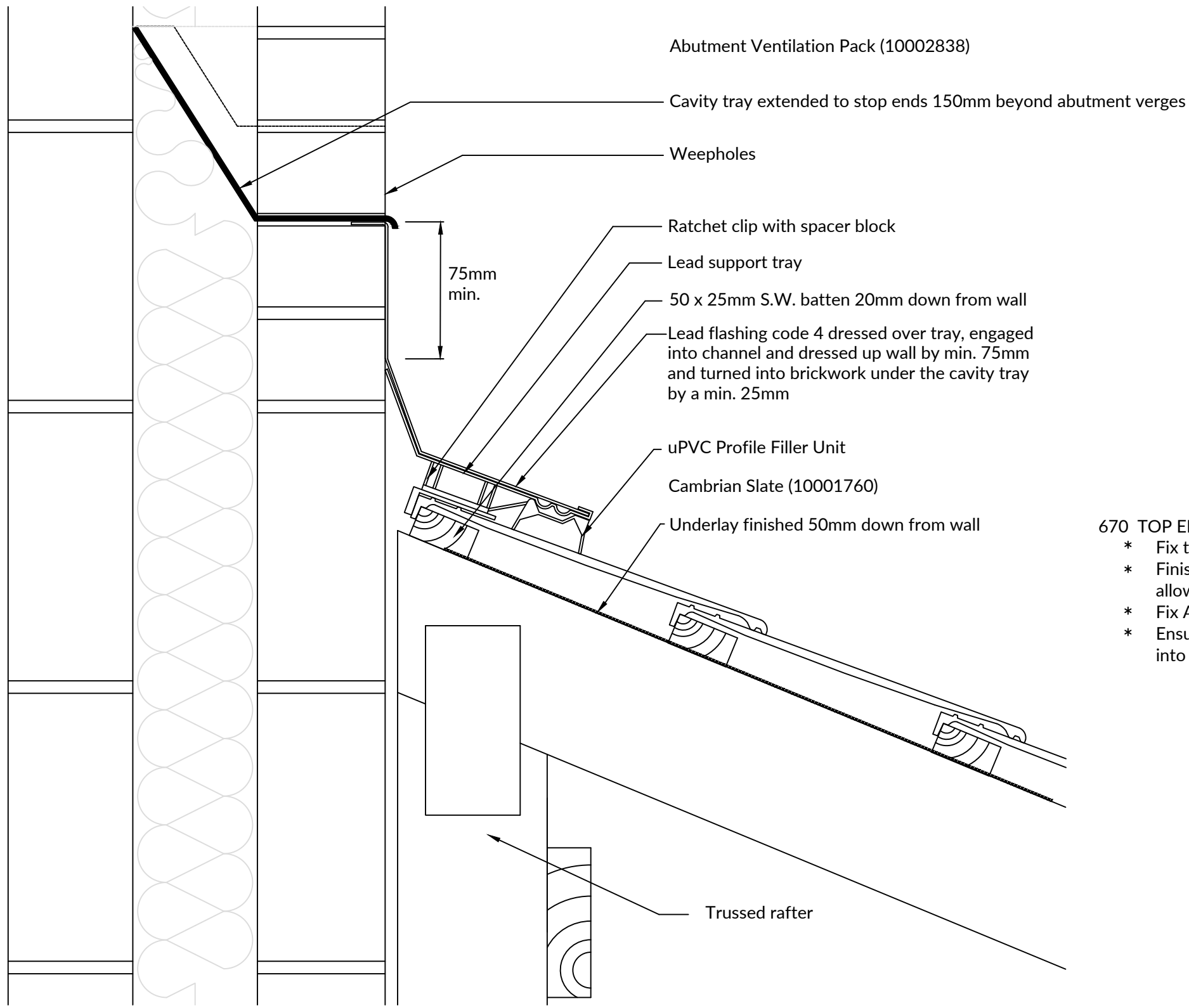


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Drawing Title:	Lead Secret Gutter Side Abutment (Offset Rafter)				
System:	Cambrian / Lead Secret Gutter				
Dwg. No:	CA00SDE5	Date:	09 May 2022	Scale	NTS

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Abutment Ventilation Pack (10002838)

Cavity tray extended to stop ends 150mm beyond abutment verges

Weepholes

75mm
min.

Ratchet clip with spacer block

Lead support tray

50 x 25mm S.W. batten 20mm down from wall

Lead flashing code 4 dressed over tray, engaged into channel and dressed up wall by min. 75mm and turned into brickwork under the cavity tray by a min. 25mm

uPVC Profile Filler Unit

Cambrian Slate (10001760)

Underlay finished 50mm down from wall

Trussed rafter

670 TOP EDGE VENTILATED ABUTMENT

- * Fix top tiling batten 20mm down from wall
- * Finish underlay 50mm down slope from wall allowing not less than 10mm air gap to abutment
- * Fix Abutment Ventilation Pack (10002838) over slates.
- * Ensure that code 4 lead apron flashing is securely engaged into the channel on the leading edge of the support tray provided.

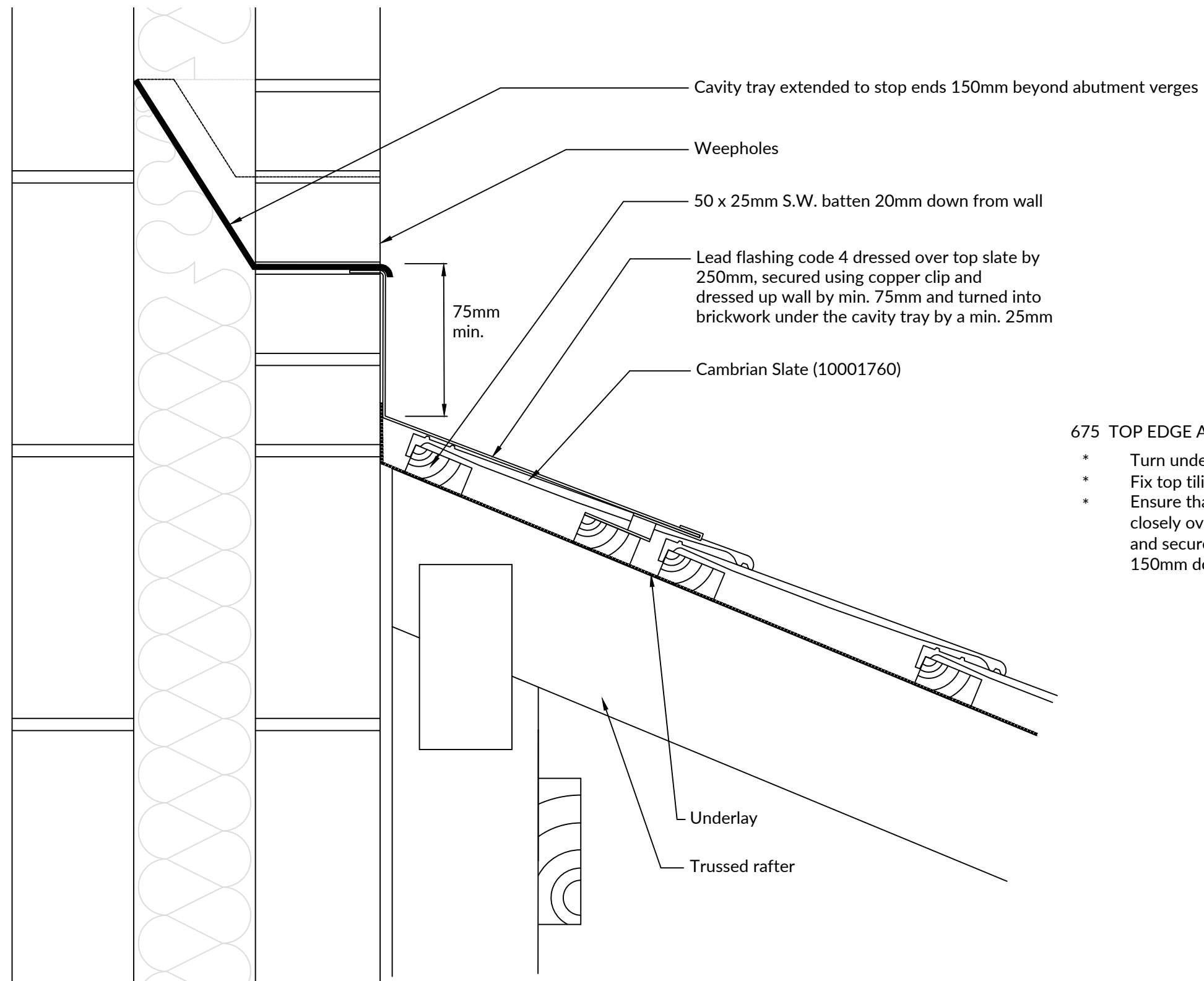


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Drawing Title:	Top Edge Ventilated Abutment				
System:	Cambrian / Top Edge Abutment Ventilator				
Dwg. No:	CA22TOP1	Date:	09 May 2022	Scale	NTS

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675 TOP EDGE ABUTMENT

- * Turn underlay not less than 50mm up abutment.
- * Fix top tiling batten 20mm down from wall.
- * Ensure that lead flashing Code 4 is dressed closely over tile profile by not less than 250mm. and secured using copper clip fixed to batten 150mm down from top tiling batten.

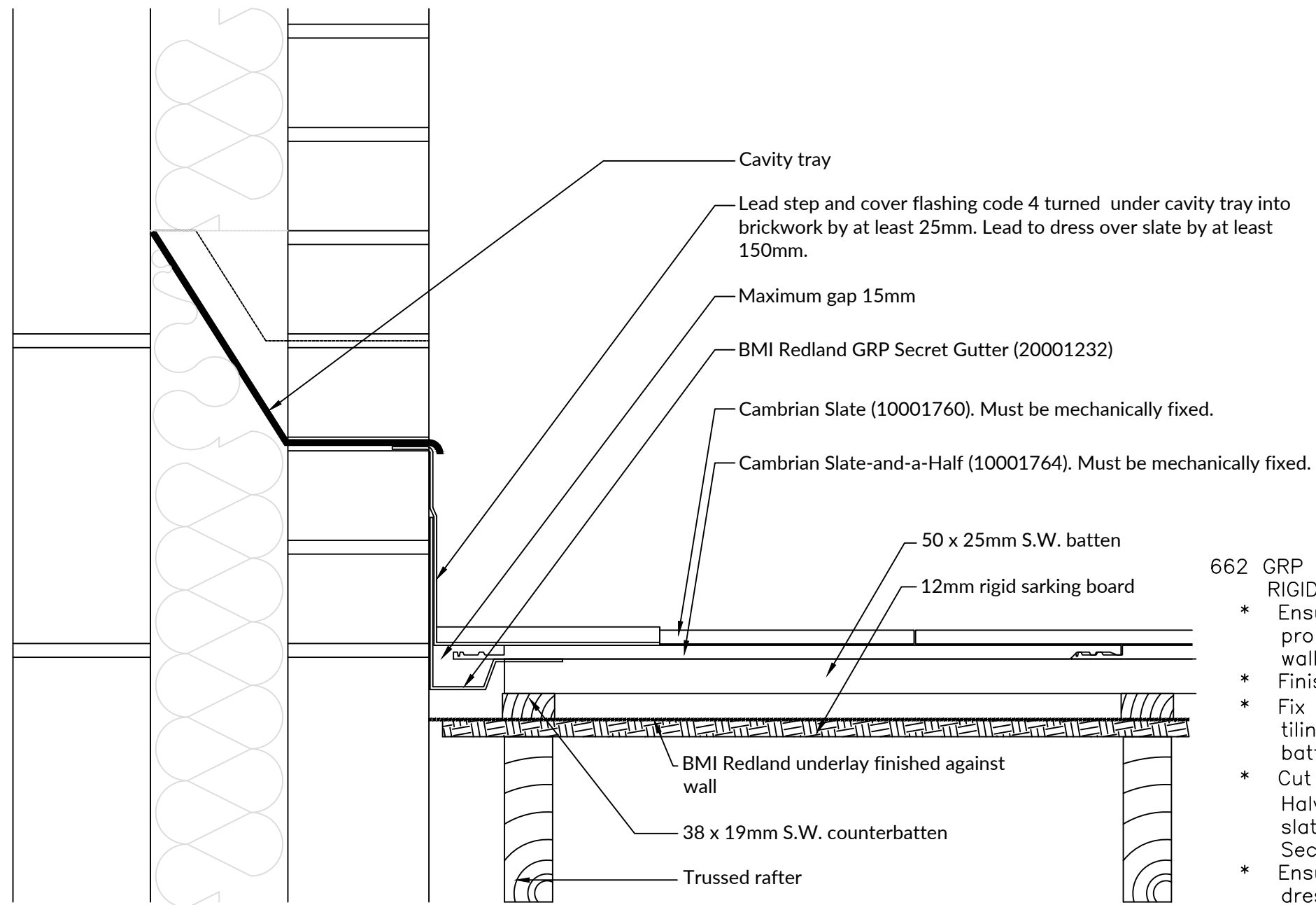


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Drawing Title:	Top Edge Abutment				
System:	Cambrian				
Dwg. No:	CA22TOP2	Date:	09 May 2022	Scale	NTS

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- 662 GRP SECRET GUTTER SIDE ABUTMENT (OFFSET RAFTER) – RIGID SARKING
- * Ensure that rigid sarking board and counterbattens are properly fixed, rigid sarking board finishes 10mm from wall and BMI Redland underlay finishes at wall.
 - * Finish 50 x 25mm S.W. tiling battens 55mm short of wall.
 - * Fix BMI Redland GRP Secret Gutter (20001232) to ends of tiling with 25mm galvanised clout nails.
 - * Cut and fix Cambrian slates (10001760) and Slate-and-a-Halves (10001764) to left and/or right hand abutments, with slate edge not more than 15mm from abutment face of Secret Gutter.
 - * Ensure that code 4 lead step and cover flashing is dressed closely over slates by at least 150mm, turned up wall by at least 65mm, and turned under cavity tray into brickwork by at least 25mm.

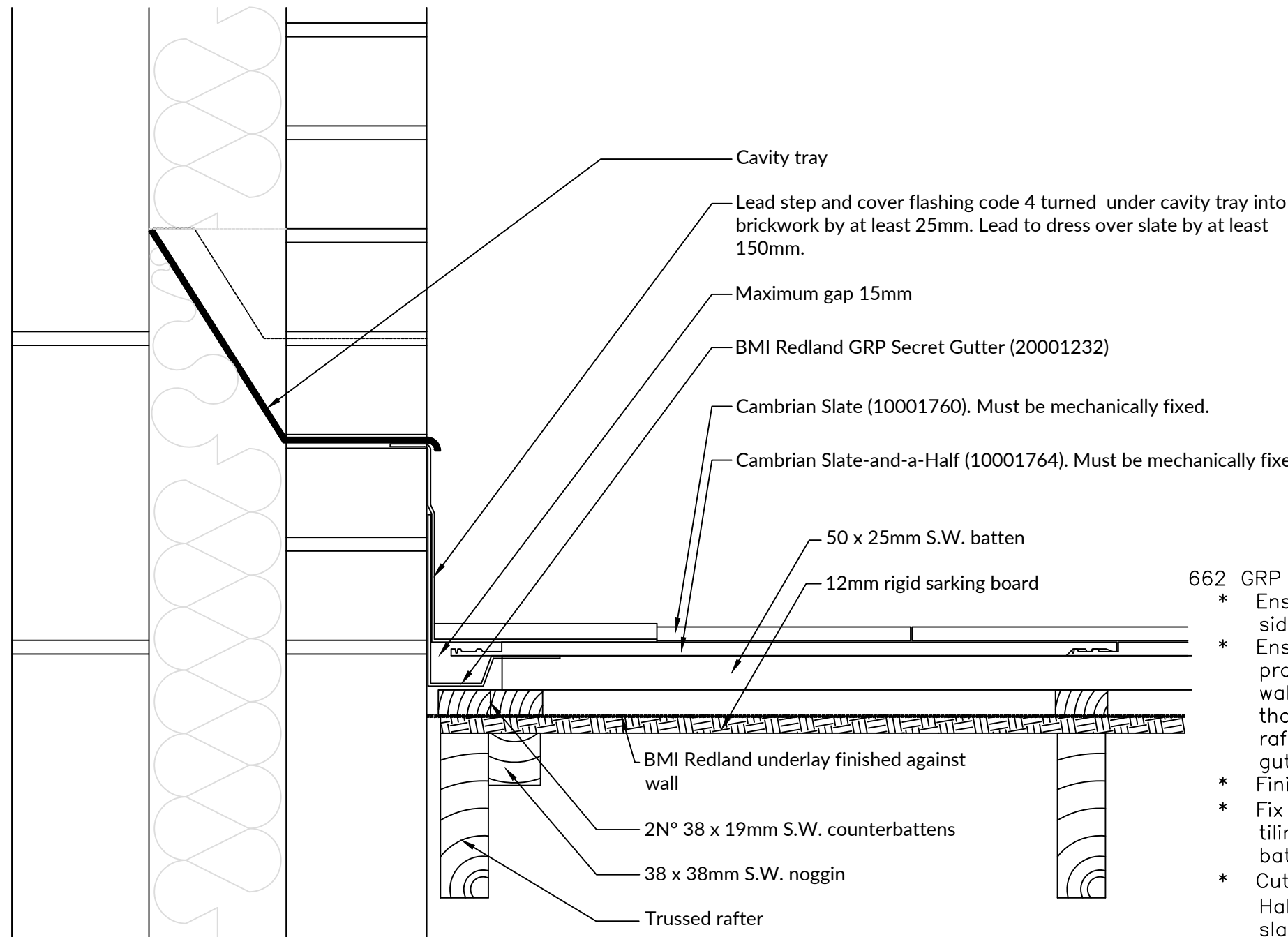


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Drawing Title:	GRP Secret Gutter Side Abutment (Offset Rafter) - Rigid Sarking				
System:	Cambrian / GRP Secret Gutter				
Dwg. No:	CA00SDK3	Date:	09 May 2022	Scale	NTS

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- 662 GRP SECRET GUTTER SIDE ABUTMENT – RIGID SARKING
- * Ensure that 38 x 38mm S.W. noggin is properly fixed to side of, and flush with top of, final rafter.
 - * Ensure that rigid sarking board and counterbattens are properly fixed, rigid sarking board finishes 10mm from wall and BMI Redland underlay finishes at wall. Ensure that double counterbattens at abutment are fixed to rafter and noggin and provide adequate support for secret gutter and ends of tiling battens.
 - * Finish 50 x 25mm S.W. tiling battens 55mm short of wall.
 - * Fix BMI Redland GRP Secret Gutter (20001232) to ends of tiling battens with 25mm galvanised clout nails.
 - * Cut and fix Cambrian slates (10001760) and Slate-and-a-Halves (10001764) to left and/or right hand abutments, with slate edge not more than 15mm from abutment face of Secret Gutter.
 - * Ensure that code 4 lead step and cover flashing is dressed closely over slates by at least 150mm, turned up wall by at least 65mm, and turned under cavity tray into brickwork by at least 25mm.

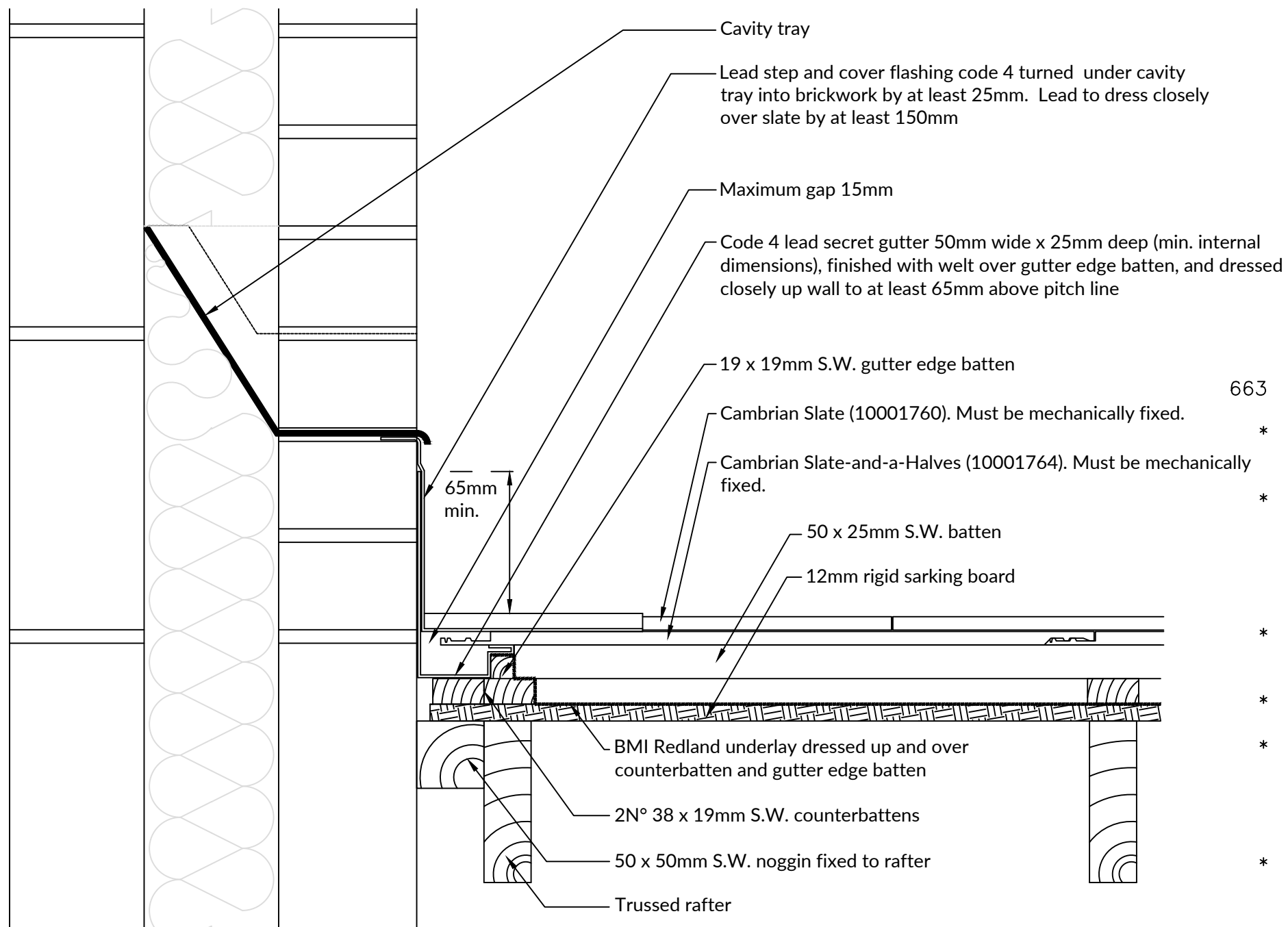


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Drawing Title:	GRP Secret Gutter Side Abutment - Rigid Sarking				
System:	Cambrian / GRP Secret Gutter				
Dwg. No:	CA00SDK4	Date:	09 May 2022	Scale:	NTS

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- 663 LEAD SECRET GUTTER SIDE ABUTMENT (OFFSET RAFTER) – RIGID SARKING
- * Ensure that 50 x 50mm S.W. noggin is properly fixed to side of, and flush with top of, final rafter, between rafter and wall.
 - * Ensure that rigid sarking board is properly fixed and finishes 10mm from wall, and that double counterbattens at abutment are fixed to rafter and noggin and provide adequate support for gutter edge batten, secret gutter and ends of tiling battens. Ensure that BMI Redland underlay is dressed up and over counterbattens.
 - * Lift underlay and fix 19 x 19mm S.W. gutter edge batten to counterbatten, 55mm from wall. Dress underlay over gutter edge batten.
 - * Finish 50 x 25mm S.W. tiling battens at gutter edge batten.
 - * Ensure that code 4 lead secret gutter is at least 50mm wide x 25mm deep (min. internal dimensions), finished with welt over gutter edge batten and underlay edge, and dressed closely up wall to at least 65mm above pitch line
 - * Cut and fix Cambrian slates (10001760) and Slate-and-a-Halves (10001764) to left and/or right hand abutments, with slate edge not more than 15mm from abutment face of Secret Gutter.
 - * Ensure that code 4 lead step and cover flashing is dressed closely over slates by at least 150mm, turned up wall by at least 65mm, and turned under cavity tray into brickwork by at least 25mm.

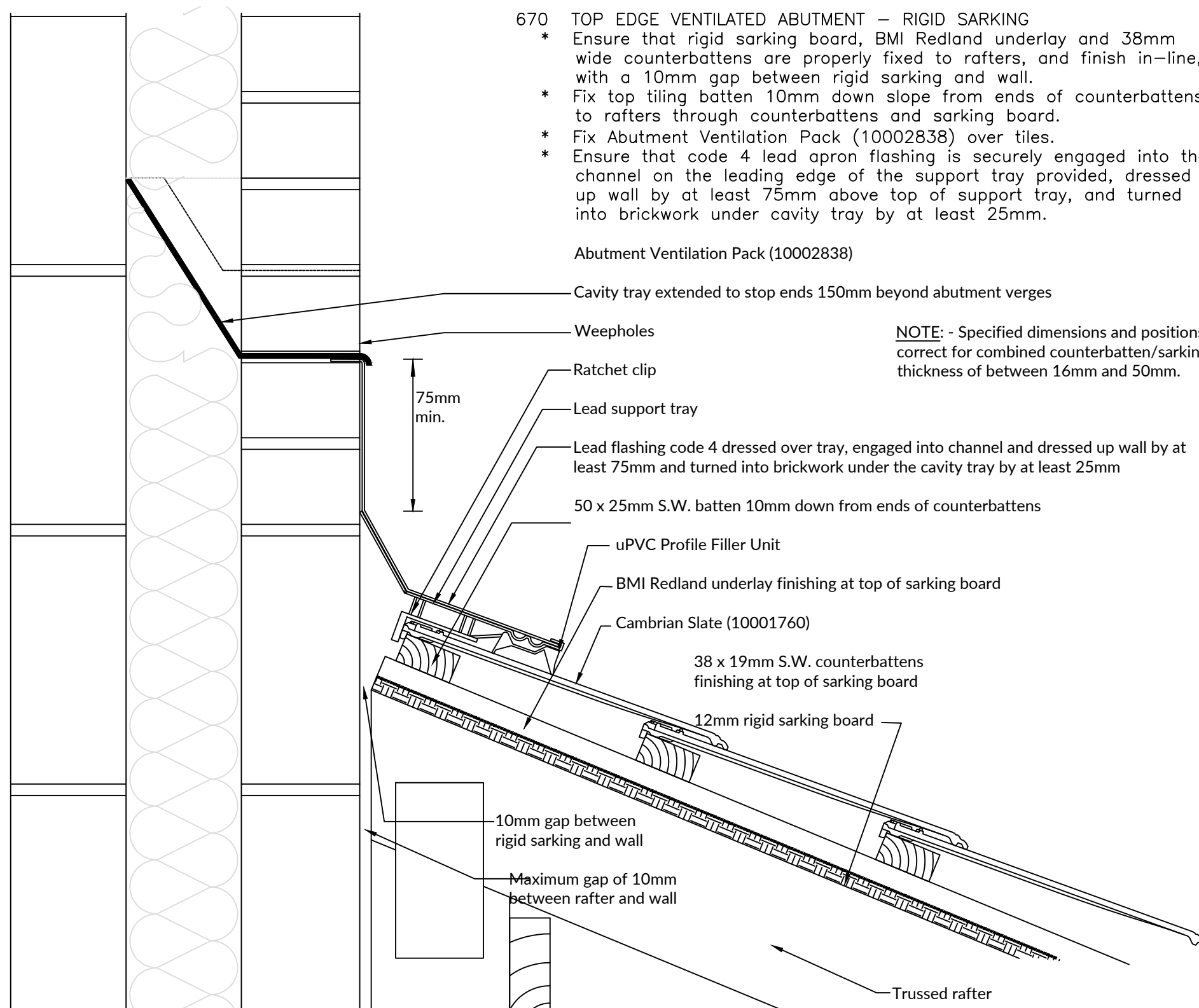


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Drawing Title:	Lead Secret Gutter Side Abutment (Offset Rafter) - Rigid Sarking				
System:	Cambrian / Lead Secret Gutter				
Dwg. No:	CA00SDK5	Date:	09 May 2022	Scale	NTS

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- 670 TOP EDGE VENTILATED ABUTMENT – RIGID SARKING
- * Ensure that rigid sarking board, BMI Redland underlay and 38mm wide counterbattens are properly fixed to rafters, and finish in-line, with a 10mm gap between rigid sarking and wall.
 - * Fix top tiling batten 10mm down slope from ends of counterbattens, to rafters through counterbattens and sarking board.
 - * Fix Abutment Ventilation Pack (10002838) over tiles.
 - * Ensure that code 4 lead apron flashing is securely engaged into the channel on the leading edge of the support tray provided, dressed up wall by at least 75mm above top of support tray, and turned into brickwork under cavity tray by at least 25mm.

Abutment Ventilation Pack (10002838)

Cavity tray extended to stop ends 150mm beyond abutment verges

Weepholes

Ratchet clip

Lead support tray

Lead flashing code 4 dressed over tray, engaged into channel and dressed up wall by at least 75mm and turned into brickwork under the cavity tray by at least 25mm

50 x 25mm S.W. batten 10mm down from ends of counterbattens

uPVC Profile Filler Unit

BMI Redland underlay finishing at top of sarking board

Cambrian Slate (10001760)

38 x 19mm S.W. counterbattens finishing at top of sarking board

12mm rigid sarking board

10mm gap between rigid sarking and wall

Maximum gap of 10mm between rafter and wall

NOTE: - Specified dimensions and positions correct for combined counterbatten/sarking thickness of between 16mm and 50mm.

Trussed rafter

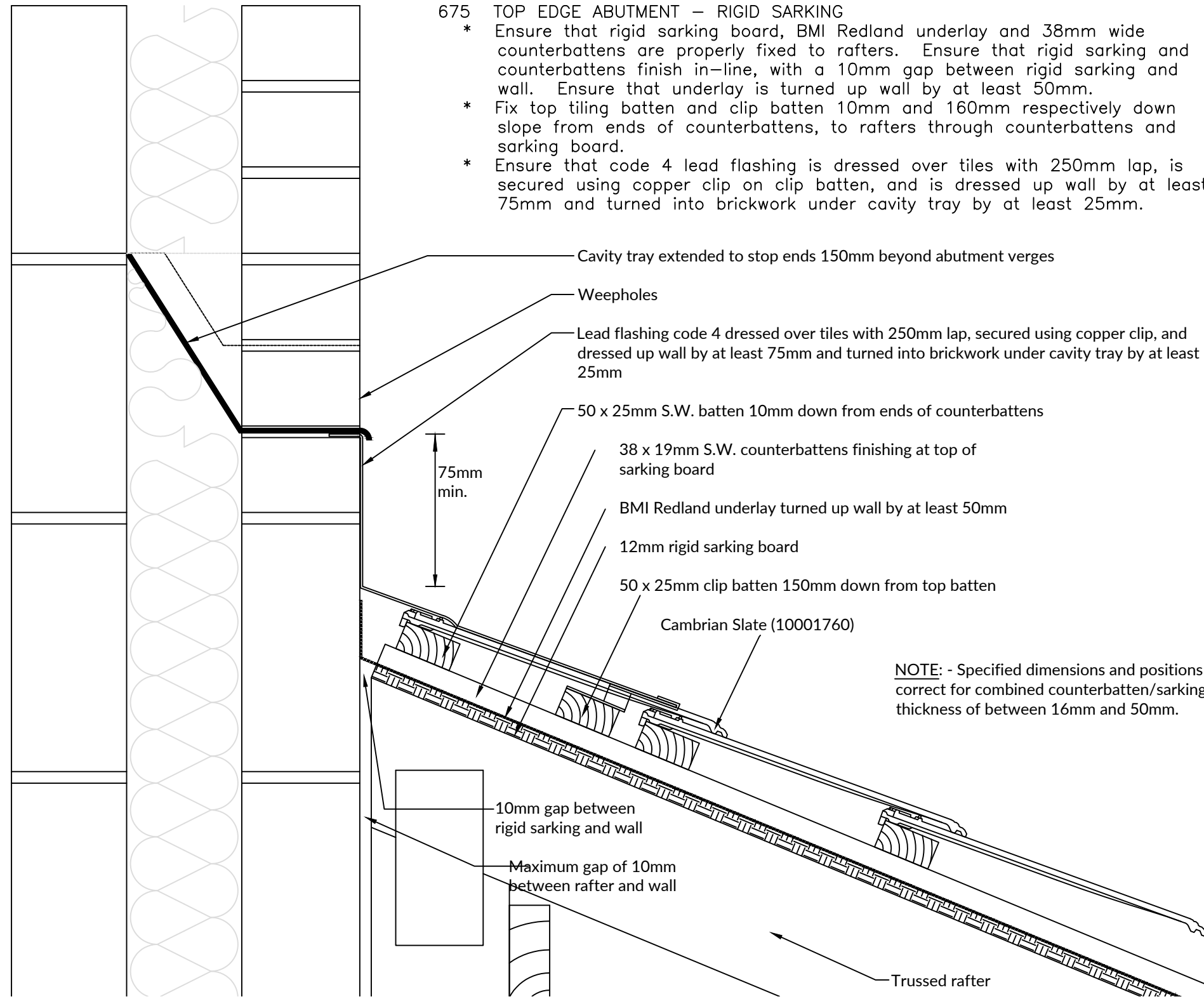


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Drawing Title:	Top Edge Ventiladed Abutment - Rigid Sarking				
System:	Cambrian / Top Edge Abutment Ventilator				
Dwg. No:	CA22TPK1	Date:	09 May 2022	Scale	NTS

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- 675 TOP EDGE ABUTMENT – RIGID SARKING
- * Ensure that rigid sarking board, BMI Redland underlay and 38mm wide counterbattens are properly fixed to rafters. Ensure that rigid sarking and counterbattens finish in-line, with a 10mm gap between rigid sarking and wall. Ensure that underlay is turned up wall by at least 50mm.
 - * Fix top tiling batten and clip batten 10mm and 160mm respectively down slope from ends of counterbattens, to rafters through counterbattens and sarking board.
 - * Ensure that code 4 lead flashing is dressed over tiles with 250mm lap, is secured using copper clip on clip batten, and is dressed up wall by at least 75mm and turned into brickwork under cavity tray by at least 25mm.

NOTE: - Specified dimensions and positions correct for combined counterbatten/sarking thickness of between 16mm and 50mm.



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Drawing Title:	Top Edge Abutment - Rigid Sarking				
System:	Cambrian				
Dwg. No:	CA22TPK2	Date:	09 May 2022	Scale	NTS

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