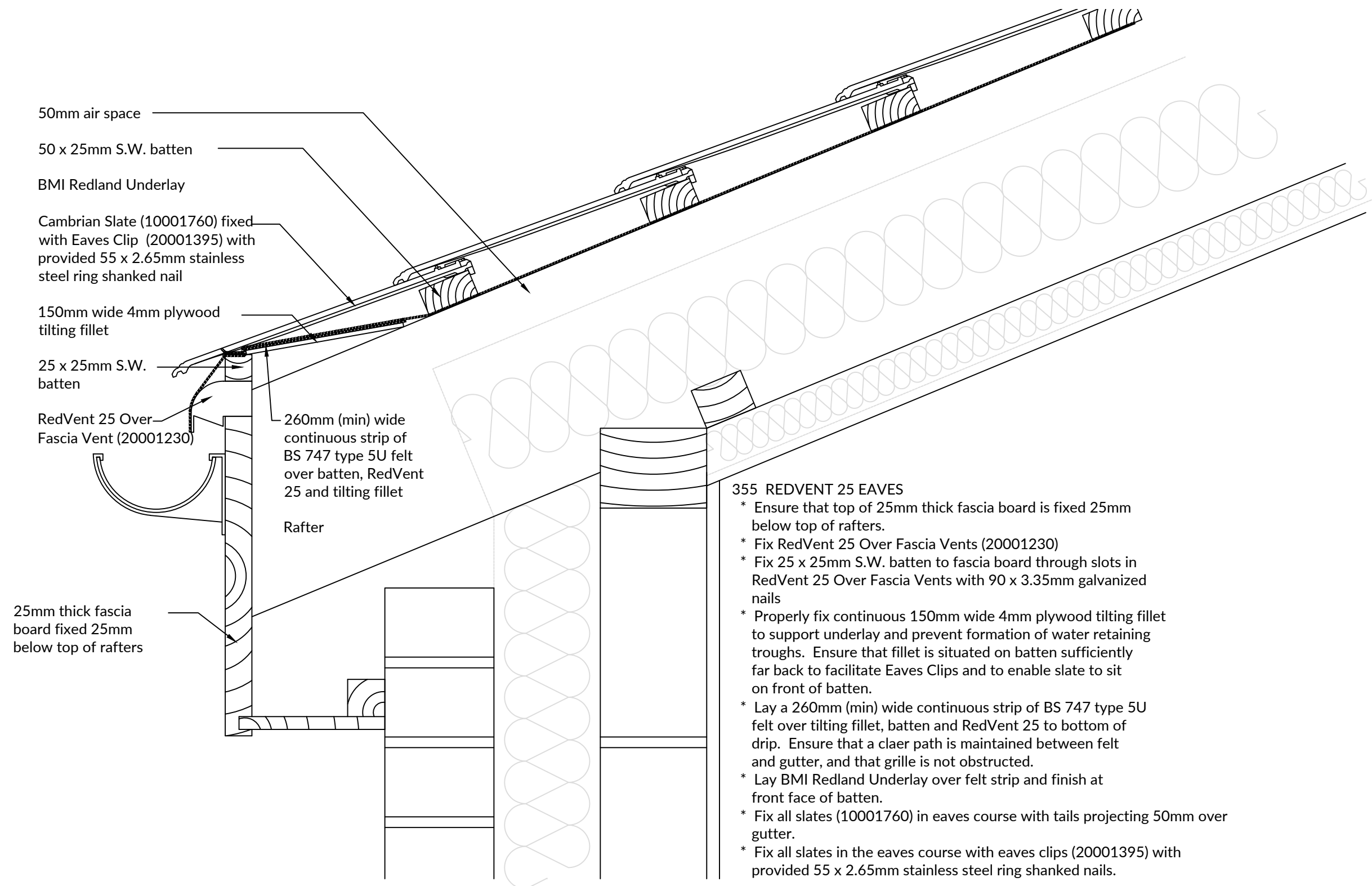


Cambrian Eaves.

Standard CAD Details





355 REDVENT 25 EAVES

- * Ensure that top of 25mm thick fascia board is fixed 25mm below top of rafters.
- * Fix RedVent 25 Over Fascia Vents (20001230)
- * Fix 25 x 25mm S.W. batten to fascia board through slots in RedVent 25 Over Fascia Vents with 90 x 3.35mm galvanized nails
- * Properly fix continuous 150mm wide 4mm plywood tilting fillet to support underlay and prevent formation of water retaining troughs. Ensure that fillet is situated on batten sufficiently far back to facilitate Eaves Clips and to enable slate to sit on front of batten.
- * Lay a 260mm (min) wide continuous strip of BS 747 type 5U felt over tilting fillet, batten and RedVent 25 to bottom of drip. Ensure that a clear path is maintained between felt and gutter, and that grille is not obstructed.
- * Lay BMI Redland Underlay over felt strip and finish at front face of batten.
- * Fix all slates (10001760) in eaves course with tails projecting 50mm over gutter.
- * Fix all slates in the eaves course with eaves clips (20001395) with provided 55 x 2.65mm stainless steel ring shanked nails.

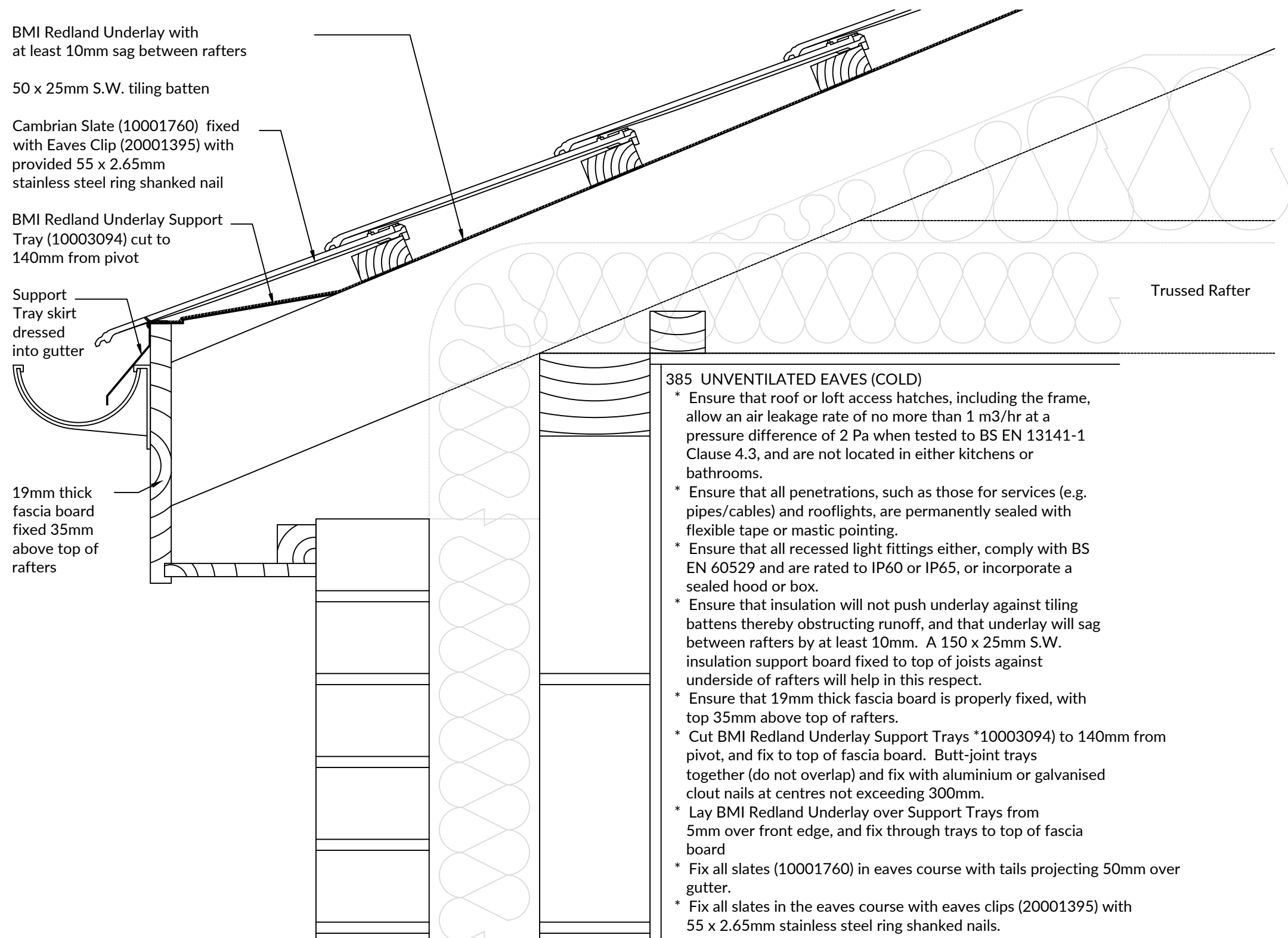


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Drawing Title:	Redvent 25 Eaves				
System:	Cambrian / Redvent 25				
Dwg. No:	CA22EVE2	Date:	31 March 2022	Scale	NTS

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- 385 UNVENTILATED EAVES (COLD)**
- * Ensure that roof or loft access hatches, including the frame, allow an air leakage rate of no more than 1 m³/hr at a pressure difference of 2 Pa when tested to BS EN 13141-1 Clause 4.3, and are not located in either kitchens or bathrooms.
 - * Ensure that all penetrations, such as those for services (e.g. pipes/cables) and rooflights, are permanently sealed with flexible tape or mastic pointing.
 - * Ensure that all recessed light fittings either, comply with BS EN 60529 and are rated to IP60 or IP65, or incorporate a sealed hood or box.
 - * Ensure that insulation will not push underlay against tiling battens thereby obstructing runoff, and that underlay will sag between rafters by at least 10mm. A 150 x 25mm S.W. insulation support board fixed to top of joists against underside of rafters will help in this respect.
 - * Ensure that 19mm thick fascia board is properly fixed, with top 35mm above top of rafters.
 - * Cut BMI Redland Underlay Support Trays *10003094) to 140mm from pivot, and fix to top of fascia board. Butt-joint trays together (do not overlap) and fix with aluminium or galvanised clout nails at centres not exceeding 300mm.
 - * Lay BMI Redland Underlay over Support Trays from 5mm over front edge, and fix through trays to top of fascia board
 - * Fix all slates (10001760) in eaves course with tails projecting 50mm over gutter.
 - * Fix all slates in the eaves course with eaves clips (20001395) with 55 x 2.65mm stainless steel ring shanked nails.



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Drawing Title:	Unventilated Eaves (Cold)				
System:	Cambrian				
Dwg. No:	CA22EVE3	Date:	31 March 2022	Scale	NTS

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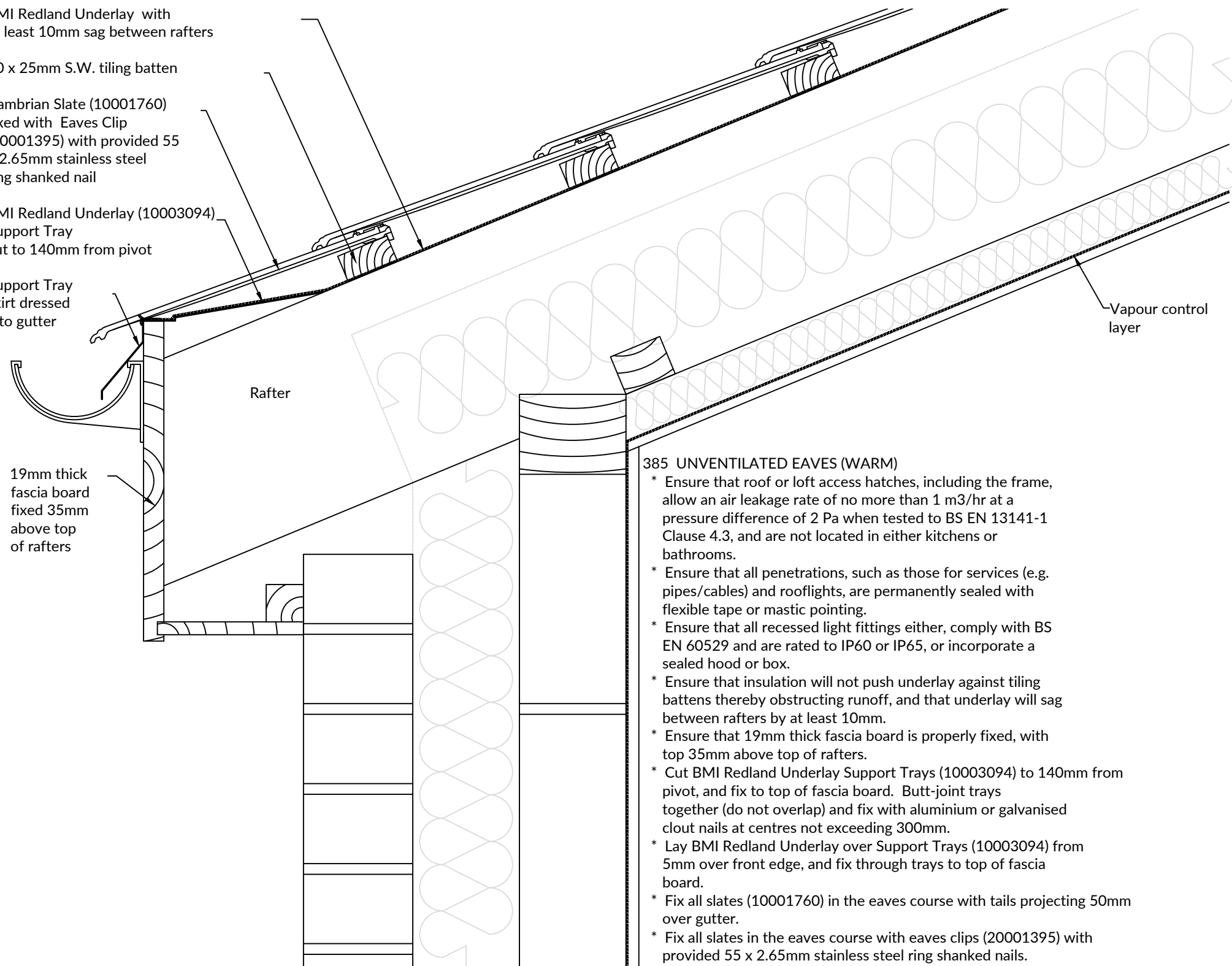
BMI Redland Underlay with at least 10mm sag between rafters

50 x 25mm S.W. tiling batten

Cambrian Slate (10001760) fixed with Eaves Clip (20001395) with provided 55 x 2.65mm stainless steel ring shanked nail

BMI Redland Underlay (10003094) Support Tray cut to 140mm from pivot

Support Tray skirt dressed into gutter



385 UNVENTILATED EAVES (WARM)

- * Ensure that roof or loft access hatches, including the frame, allow an air leakage rate of no more than 1 m³/hr at a pressure difference of 2 Pa when tested to BS EN 13141-1 Clause 4.3, and are not located in either kitchens or bathrooms.
- * Ensure that all penetrations, such as those for services (e.g. pipes/cables) and rooflights, are permanently sealed with flexible tape or mastic pointing.
- * Ensure that all recessed light fittings either, comply with BS EN 60529 and are rated to IP60 or IP65, or incorporate a sealed hood or box.
- * Ensure that insulation will not push underlay against tiling battens thereby obstructing runoff, and that underlay will sag between rafters by at least 10mm.
- * Ensure that 19mm thick fascia board is properly fixed, with top 35mm above top of rafters.
- * Cut BMI Redland Underlay Support Trays (10003094) to 140mm from pivot, and fix to top of fascia board. Butt-joint trays together (do not overlap) and fix with aluminium or galvanised clout nails at centres not exceeding 300mm.
- * Lay BMI Redland Underlay over Support Trays (10003094) from 5mm over front edge, and fix through trays to top of fascia board.
- * Fix all slates (10001760) in the eaves course with tails projecting 50mm over gutter.
- * Fix all slates in the eaves course with eaves clips (20001395) with provided 55 x 2.65mm stainless steel ring shanked nails.



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Drawing Title:	Unventilated Eaves (Warm)				
System:	Cambrian				
Dwg. No:	CA22EVE4	Date:	31 March 2022	Scale	NTS

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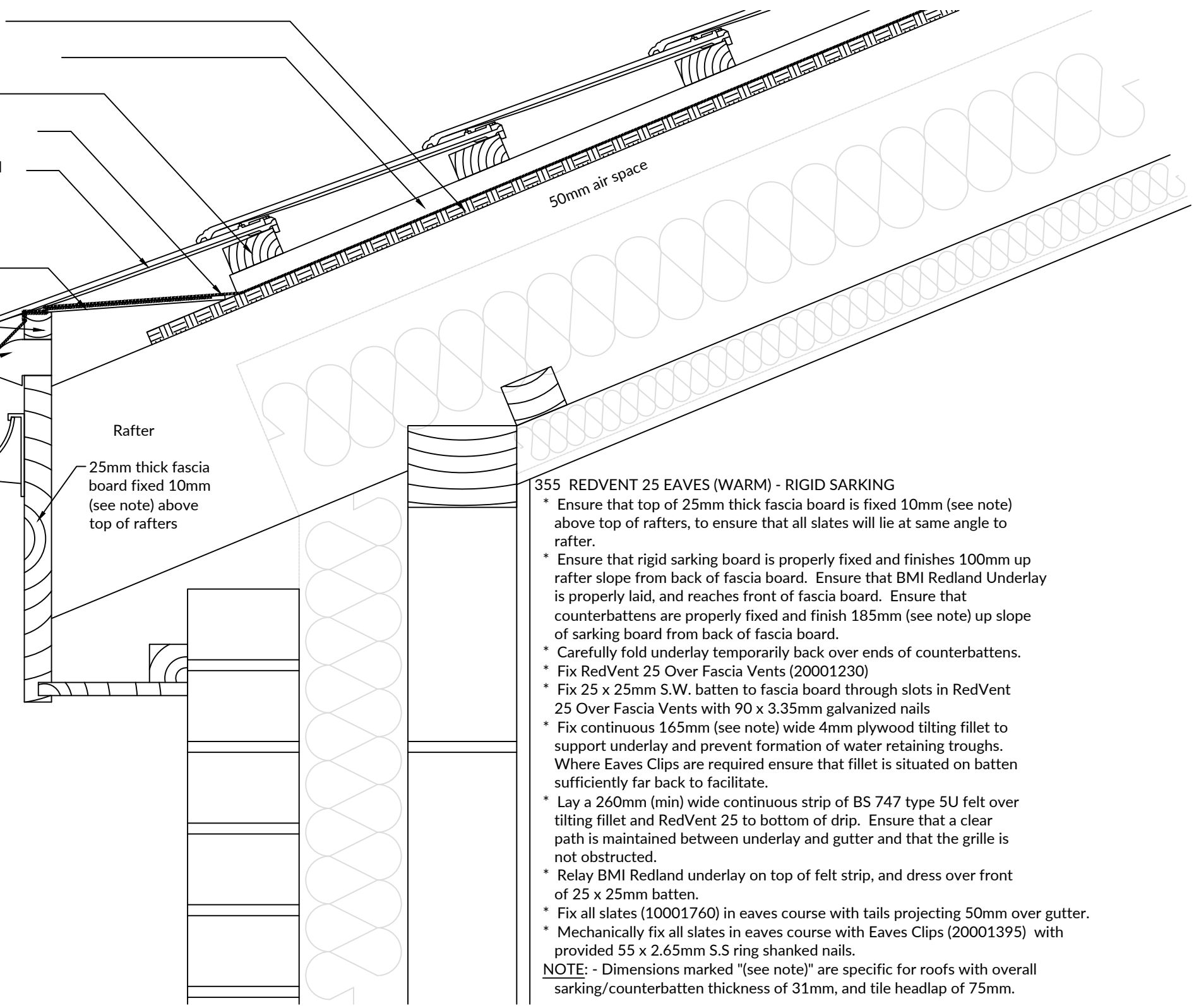
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12mm rigid sarking board
 38 x 19mm S.W. counterbattens
 50 x 25mm S.W. batten
 BMI Redland Underlay
 Cambrian Slate (10001760) fixed with Eaves Clip (20001395) with provided 50 x 2.65 S/S Ring Shankes Nail

165mm (see note) wide 4mm plywood tilting fillet
 25 x 25mm S.W. batten

RedVent 25 Over Fascia Vent (20001230)

260mm (min) wide continuous strip of BS 747 type 5U felt over RedVent 25 and tilting fillet



355 REDVENT 25 EAVES (WARM) - RIGID SARKING

- * Ensure that top of 25mm thick fascia board is fixed 10mm (see note) above top of rafters, to ensure that all slates will lie at same angle to rafter.
- * Ensure that rigid sarking board is properly fixed and finishes 100mm up rafter slope from back of fascia board. Ensure that BMI Redland Underlay is properly laid, and reaches front of fascia board. Ensure that counterbattens are properly fixed and finish 185mm (see note) up slope of sarking board from back of fascia board.
- * Carefully fold underlay temporarily back over ends of counterbattens.
- * Fix RedVent 25 Over Fascia Vents (20001230)
- * Fix 25 x 25mm S.W. batten to fascia board through slots in RedVent 25 Over Fascia Vents with 90 x 3.35mm galvanized nails
- * Fix continuous 165mm (see note) wide 4mm plywood tilting fillet to support underlay and prevent formation of water retaining troughs. Where Eaves Clips are required ensure that fillet is situated on batten sufficiently far back to facilitate.
- * Lay a 260mm (min) wide continuous strip of BS 747 type 5U felt over tilting fillet and RedVent 25 to bottom of drip. Ensure that a clear path is maintained between underlay and gutter and that the grille is not obstructed.
- * Relay BMI Redland underlay on top of felt strip, and dress over front of 25 x 25mm batten.
- * Fix all slates (10001760) in eaves course with tails projecting 50mm over gutter.
- * Mechanically fix all slates in eaves course with Eaves Clips (20001395) with provided 55 x 2.65mm S.S ring shanked nails.

NOTE: - Dimensions marked "(see note)" are specific for roofs with overall sarking/counterbatten thickness of 31mm, and tile headlap of 75mm.

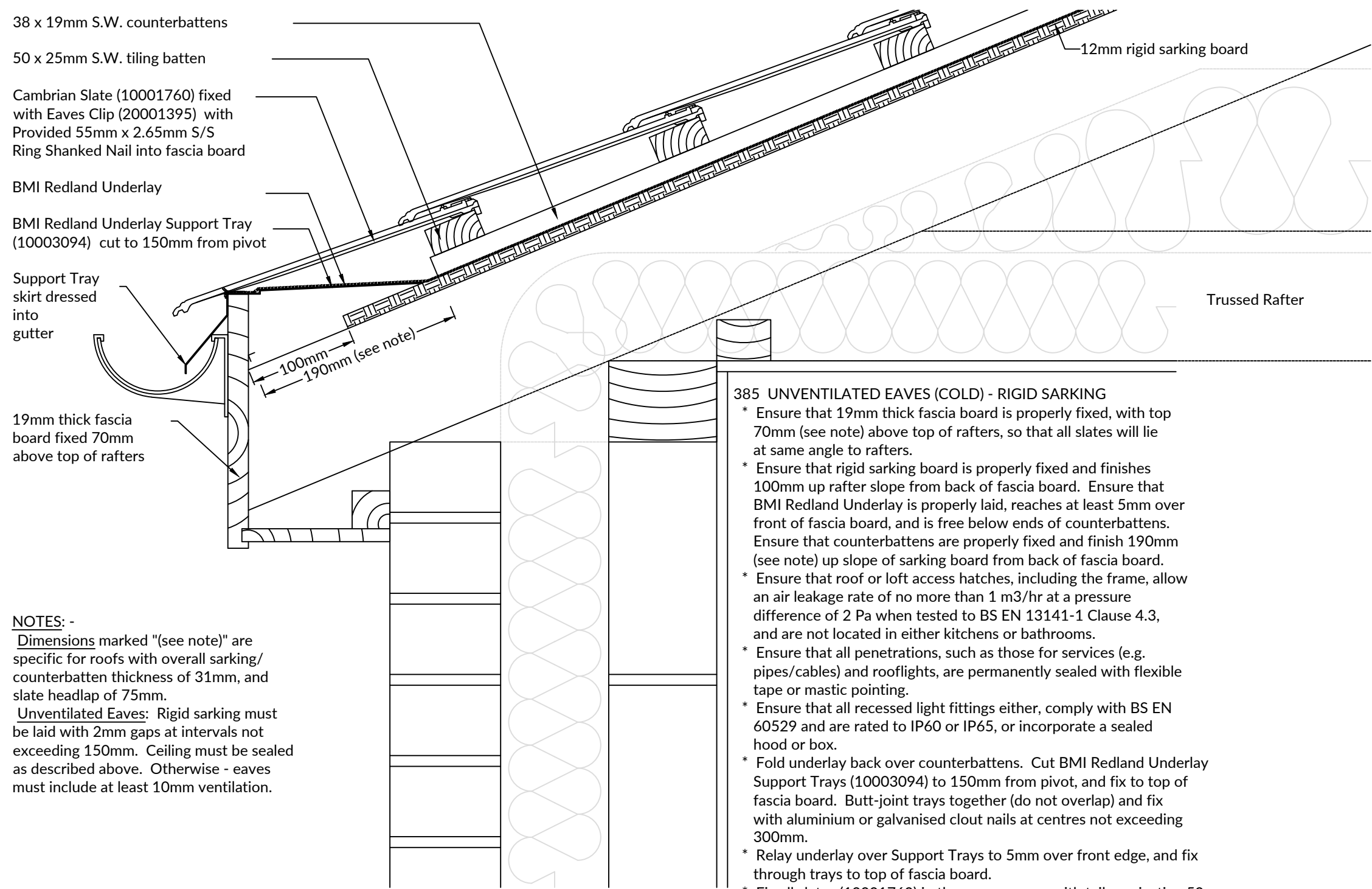


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Drawing Title:	Redvent 25 Eaves (Warm) - Rigid Sarking				
System:	Cambrian / Redvent 25				
Dwg. No:	CA22EVK2	Date:	31 March 2022	Scale	NTS

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NOTES: -
 Dimensions marked "(see note)" are specific for roofs with overall sarking/counterbatten thickness of 31mm, and slate headlap of 75mm.
Unventilated Eaves: Rigid sarking must be laid with 2mm gaps at intervals not exceeding 150mm. Ceiling must be sealed as described above. Otherwise - eaves must include at least 10mm ventilation.

- 385 UNVENTILATED EAVES (COLD) - RIGID SARKING**
- * Ensure that 19mm thick fascia board is properly fixed, with top 70mm (see note) above top of rafters, so that all slates will lie at same angle to rafters.
 - * Ensure that rigid sarking board is properly fixed and finishes 100mm up rafter slope from back of fascia board. Ensure that BMI Redland Underlay is properly laid, reaches at least 5mm over front of fascia board, and is free below ends of counterbattens. Ensure that counterbattens are properly fixed and finish 190mm (see note) up slope of sarking board from back of fascia board.
 - * Ensure that roof or loft access hatches, including the frame, allow an air leakage rate of no more than 1 m³/hr at a pressure difference of 2 Pa when tested to BS EN 13141-1 Clause 4.3, and are not located in either kitchens or bathrooms.
 - * Ensure that all penetrations, such as those for services (e.g. pipes/cables) and rooflights, are permanently sealed with flexible tape or mastic pointing.
 - * Ensure that all recessed light fittings either, comply with BS EN 60529 and are rated to IP60 or IP65, or incorporate a sealed hood or box.
 - * Fold underlay back over counterbattens. Cut BMI Redland Underlay Support Trays (10003094) to 150mm from pivot, and fix to top of fascia board. Butt-joint trays together (do not overlap) and fix with aluminium or galvanised clout nails at centres not exceeding 300mm.
 - * Relay underlay over Support Trays to 5mm over front edge, and fix through trays to top of fascia board.
 - * Fix all slates (10001760) in the eaves course with tails projecting 50mm over gutter.
 - * Fix all tiles in eaves course with Eaves Clips (20001395) with provided 55mm x 3.65mm S/S Ring Shanked Nails into fascia board.



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Drawing Title:	Unventilated Eaves (Cold) - Rigid Sarking				
System:	Cambrian				
Dwg. No:	CA22EVK3	Date:	31 March 2022	Scale:	NTS

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38 x 19mm S.W. counterbattens

50 x 25mm S.W. tiling batten

Cambrian Slate (10001760) fixed with Eaves Clip (20001395) with Provided 55mm x 2.65mm S/S Ring Shank Nail into fascia board

BMI Redland Underlay

BMI Redland Underlay Support Tray (10003094) cut to 150mm from pivot

Support Tray skirt dressed into gutter

19mm thick fascia board fixed 70mm above top of rafters

Rafter

100mm
190mm (see note)

12mm rigid sarking board

Vapour control layer

NOTES: -

Dimensions marked "(see note)" are specific for roofs with overall sarking/counterbatten thickness of 31mm, and slate headlap of 75mm.

Unventilated Eaves: Rigid sarking must be laid with 2mm gaps at intervals not exceeding 150mm. Ceiling must be sealed as described above. Otherwise - eaves must include at least 10mm ventilation.

385 UNVENTILATED EAVES (WARM) - RIGID SARKING

- * Ensure that 19mm thick fascia board is properly fixed, with top 70mm (see note) above top of rafters, so that all slates will lie at same angle to rafters.
- * Ensure that rigid sarking board is properly fixed and finishes 100mm up rafter slope from back of fascia board. Ensure that BMI Redland Underlay is properly laid, reaches at least 5mm over front of fascia board, and is free below ends of counterbattens. Ensure that counterbattens are properly fixed and finish 190mm (see note) up slope of sarking board from back of fascia board.
- * Ensure that roof or loft access hatches, including the frame, allow an air leakage rate of no more than 1 m³/hr at a pressure difference of 2 Pa when tested to BS EN 13141-1 Clause 4.3, and are not located in either kitchens or bathrooms.
- * Ensure that all penetrations, such as those for services (e.g. pipes/cables) and rooflights, are permanently sealed with flexible tape or mastic pointing.
- * Ensure that all recessed light fittings either, comply with BS EN 60529 and are rated to IP60 or IP65, or incorporate a sealed hood or box.
- * Fold Underlay back over counterbattens. Cut BMI Redland Underlay Support Trays (10003094) to 150mm from pivot, and fix to top of fascia board. Butt-joint trays together (do not overlap) and fix with aluminium or galvanised clout nails at centres not exceeding 300mm.
- * Relay underlay over Support Trays to 5mm over front edge, and fix through trays to top of fascia board.
- * Fix all slates (10001760) in the eaves course with tails projecting 50mm over gutter.
- * Fix all tiles in eaves course with Eaves Clips (20001395) with provided 55mm x 3.65mm S/S Ring Shank Nails into fascia board.



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Drawing Title:	Unventilated Eaves (Warm) - Rigid Sarking				
System:	Cambrian				
Dwg. No:	CA22EVK4	Date:	31 March 2022	Scale:	NTS

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