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MASONS
Designed Smart, Built Tough.

Option 1 - 6800mm2 / lm Cross Ventilation

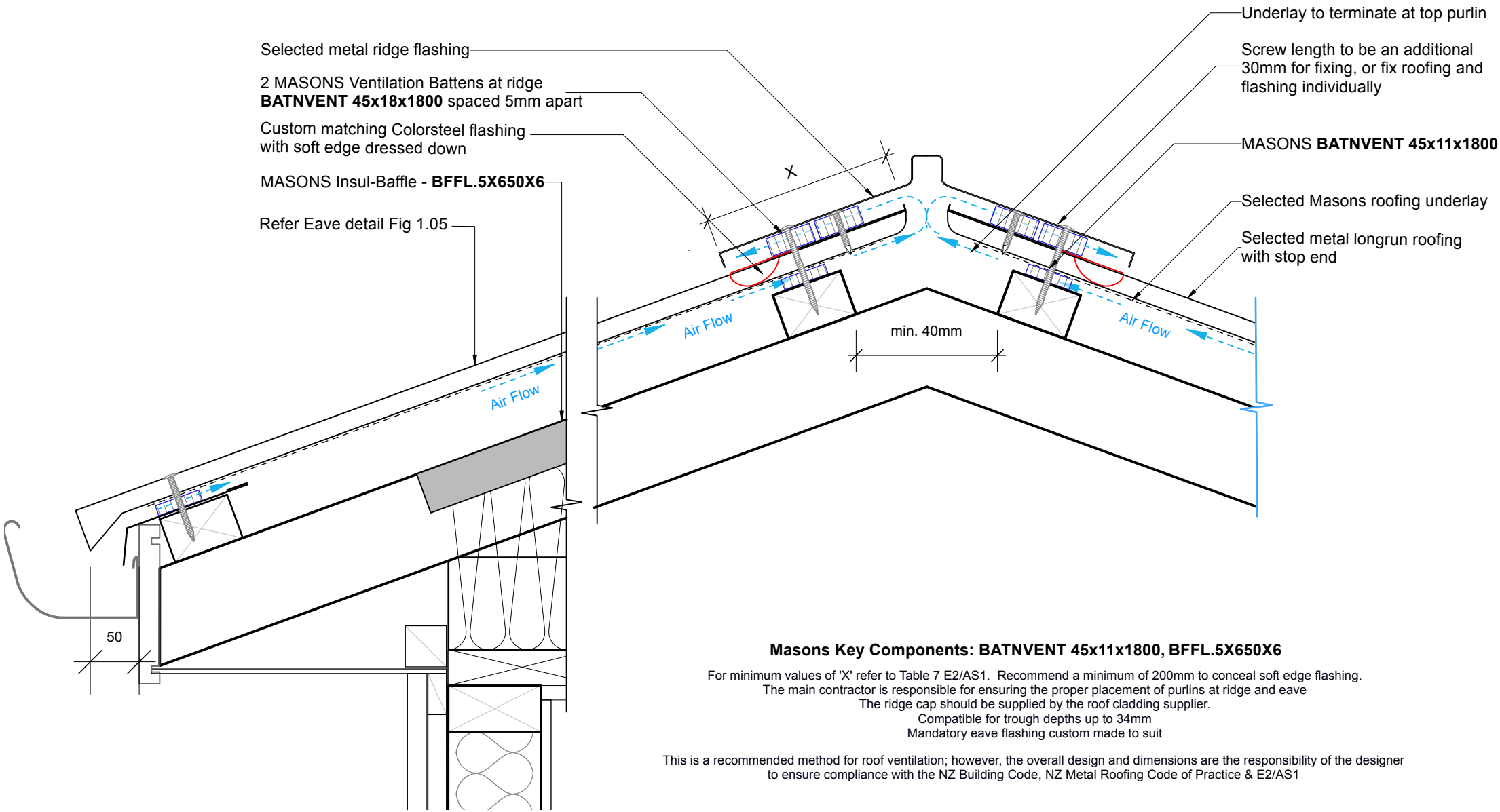
Masons Roof Ventilation

Trussed Roof- Steel Longrun

Scale: 1:5

Date: 27/11/25

Drawing No. **Fig.1.03**



Masons Key Components: BATNVENT 45x11x1800, BFFL.5X650X6

For minimum values of 'X' refer to Table 7 E2/AS1. Recommend a minimum of 200mm to conceal soft edge flashing.
The main contractor is responsible for ensuring the proper placement of purlins at ridge and eave
The ridge cap should be supplied by the roof cladding supplier.
Compatible for trough depths up to 34mm
Mandatory eave flashing custom made to suit

This is a recommended method for roof ventilation; however, the overall design and dimensions are the responsibility of the designer to ensure compliance with the NZ Building Code, NZ Metal Roofing Code of Practice & E2/AS1

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MASONS
Designed Smart, Built Tough.

Option 1 - 6800mm2 / lm Cross Ventilation

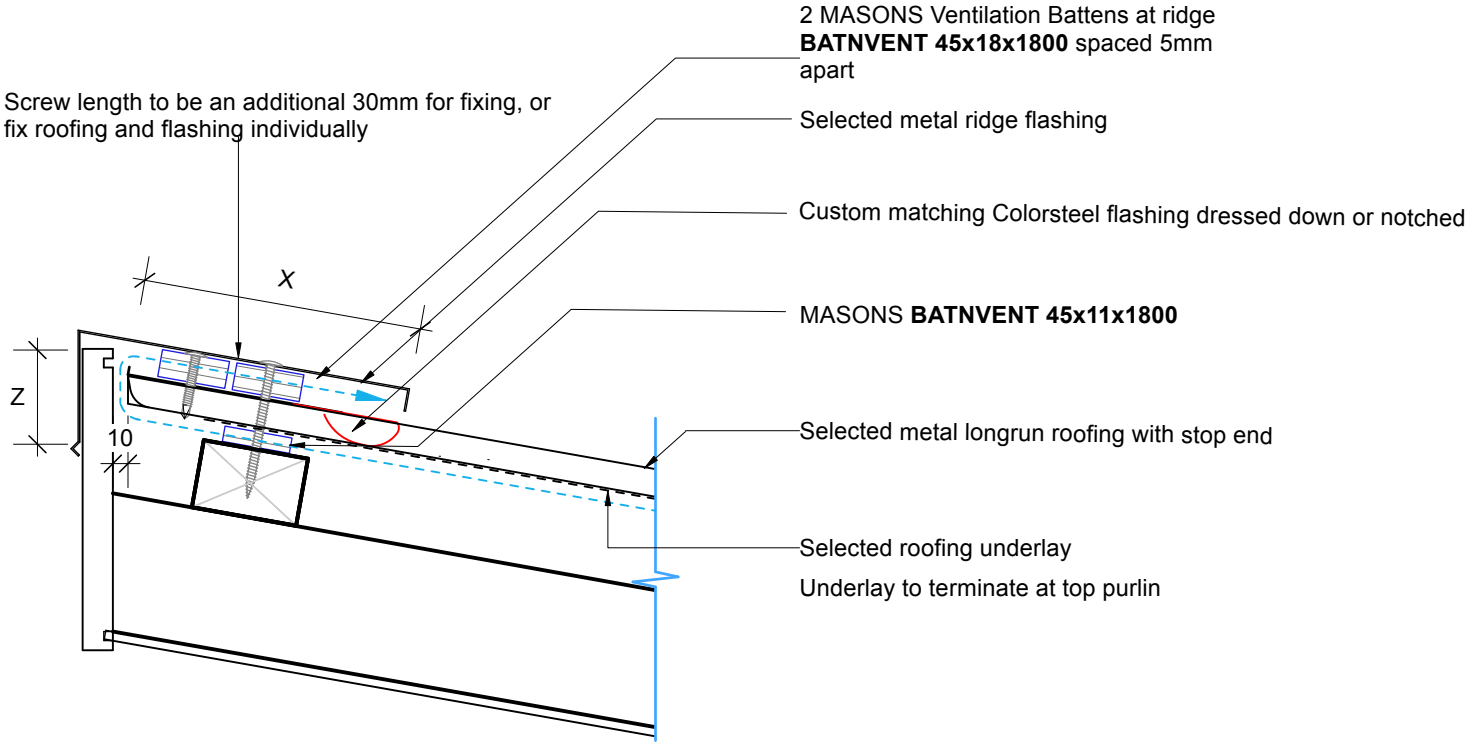
Masons Mono Ridge/Barge Ventilation

Trussed Roof - Steel Longrun

Scale: 1:5

Date: 27/11/25

Drawing No. **Fig.1.04**



Masons Key Components: BATNVENT 45x11x1800

For minimum values of 'X' & 'Z' refer to Table 7 E2/AS1. Recommend a minimum of 200mm for 'X' to conceal soft edge flashing
The main contractor is responsible for ensuring the proper placement of purlins for fixing of the ridge vent.
The ridge cap should be supplied by the roof cladding supplier.

This is a recommended method for roof ventilation; however, the overall design and dimensions are the responsibility of the designer to ensure compliance with the NZ Building Code, NZ Metal Roofing Code of Practice & E2/AS1

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MASONS
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Option 1 - 6800mm2 / lm Cross Ventilation

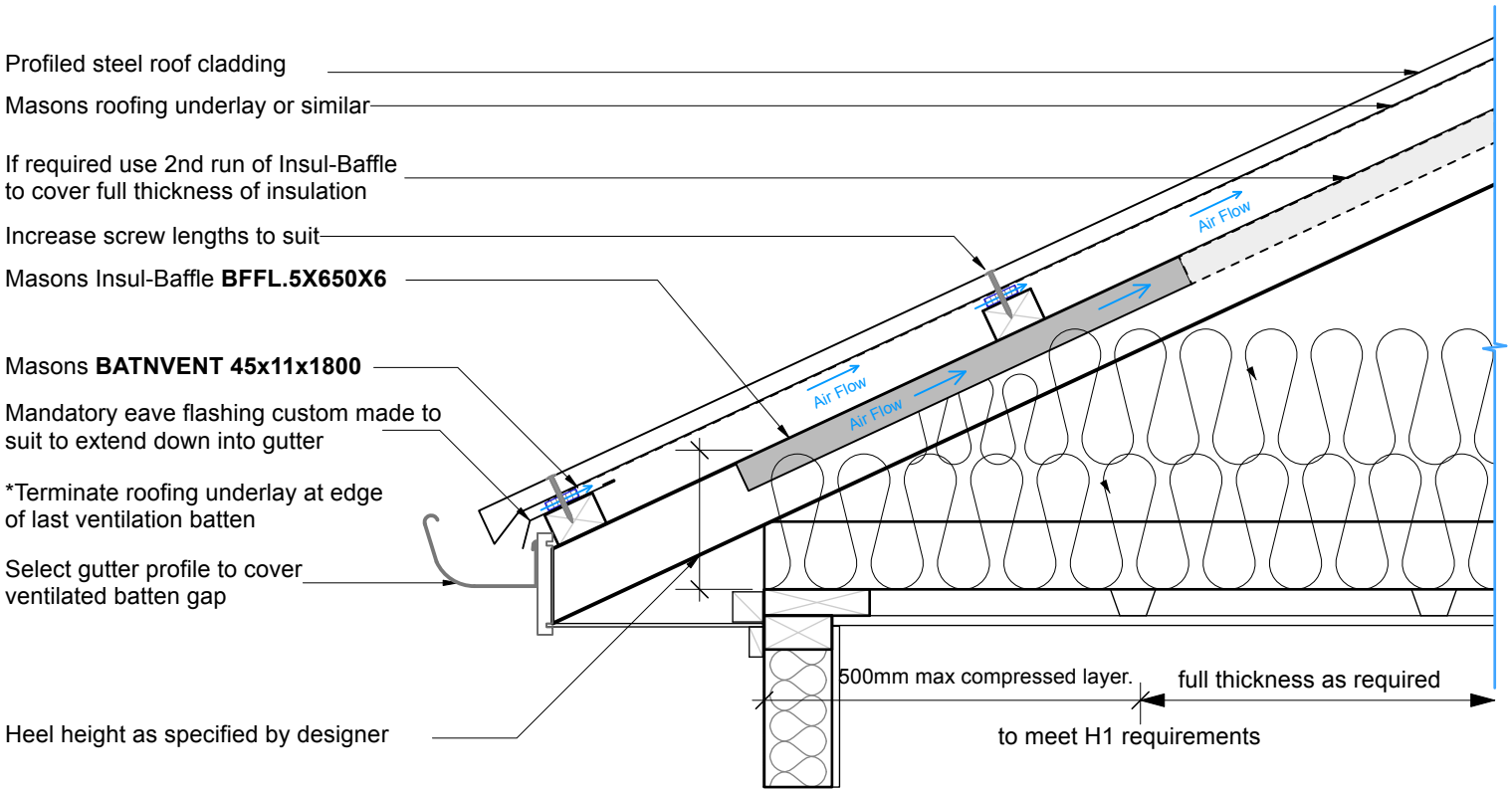
Masons Eave Ventilation

Trussed Roof - Steel Longrun

Scale: 1:10

Date: 27/11/25

Drawing No. **Fig.1.05**



Masons Key Components: BFFL.5X650X6, BATNVENT 45x11x1800

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MASONS
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Option 2 - 12300mm2 / lm

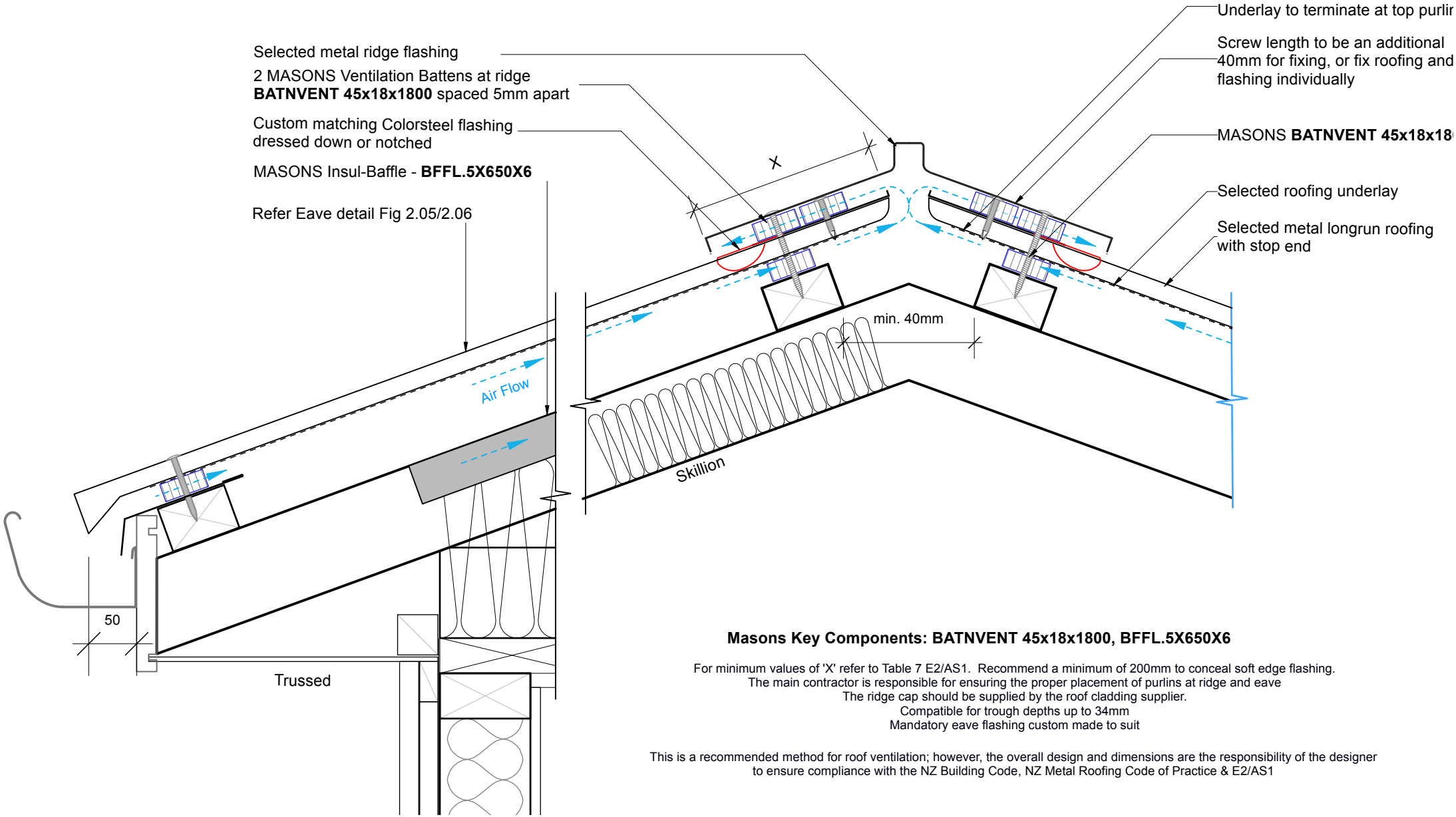
Masons Roof Ventilation

Trussed / Skillion Roof - Steel Longrun

Scale: 1:5

Date: 27/11/25

Drawing No. **Fig.2.03**



Masons Key Components: BATNVENT 45x18x1800, BFFL.5X650X6

For minimum values of 'X' refer to Table 7 E2/AS1. Recommend a minimum of 200mm to conceal soft edge flashing.
The main contractor is responsible for ensuring the proper placement of purlins at ridge and eave
The ridge cap should be supplied by the roof cladding supplier.
Compatible for trough depths up to 34mm
Mandatory eave flashing custom made to suit

This is a recommended method for roof ventilation; however, the overall design and dimensions are the responsibility of the designer to ensure compliance with the NZ Building Code, NZ Metal Roofing Code of Practice & E2/AS1

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MASONS
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Option 2 - 12300mm2 / lm

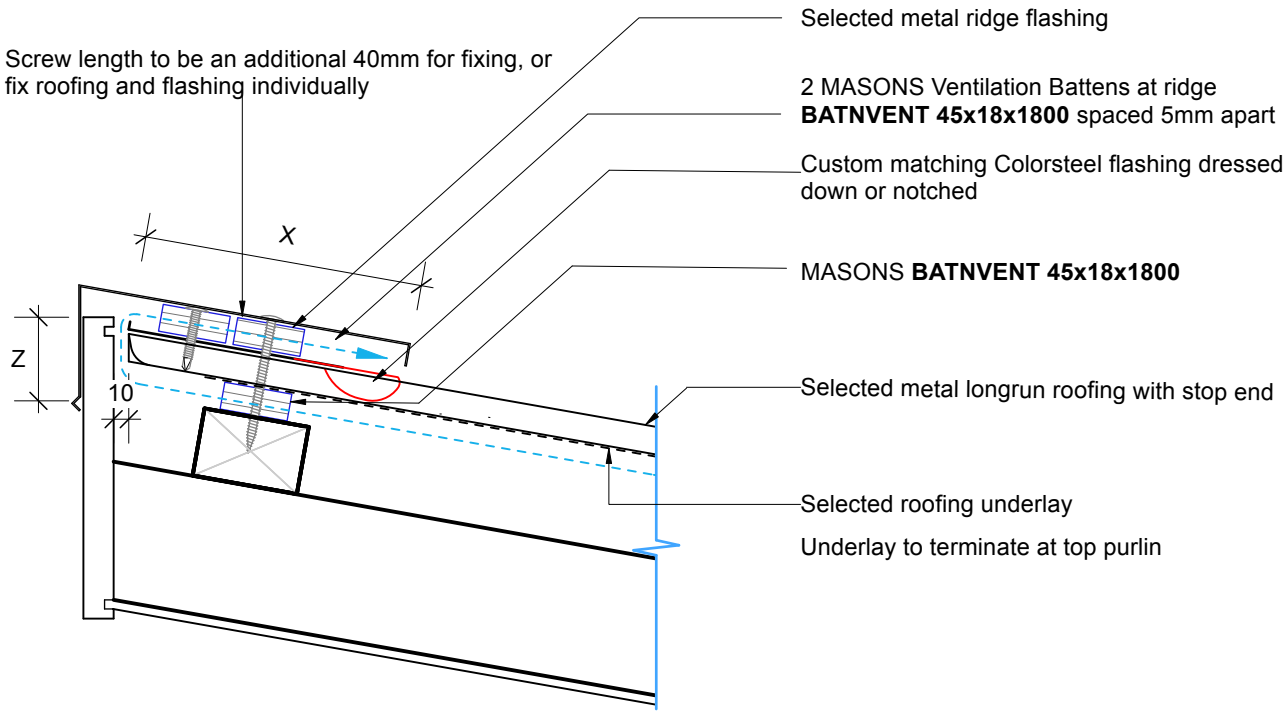
Masons Ridge/Barge Ventilation

Trussed / Skillion Roof - Steel Longrun

Scale: 1:5

Date: 27/11/25

Drawing No. **Fig.2.04**



Masons Key Components: BATNVENT 45x18x1800

For minimum values of 'X' & 'Z' refer to Table 7 E2/AS1. Recommend a minimum of 200mm for 'X' to conceal soft edge flashing
The main contractor is responsible for ensuring the proper placement of purlins for fixing of the ridge vent.
The ridge cap should be supplied by the roof cladding supplier.

This is a recommended method for roof ventilation; however, the overall design and dimensions are the responsibility of the designer to ensure compliance with the NZ Building Code, NZ Metal Roofing Code of Practice & E2/AS1

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MASONS
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Option 2 - 12300mm2 / lm Cross Ventilation

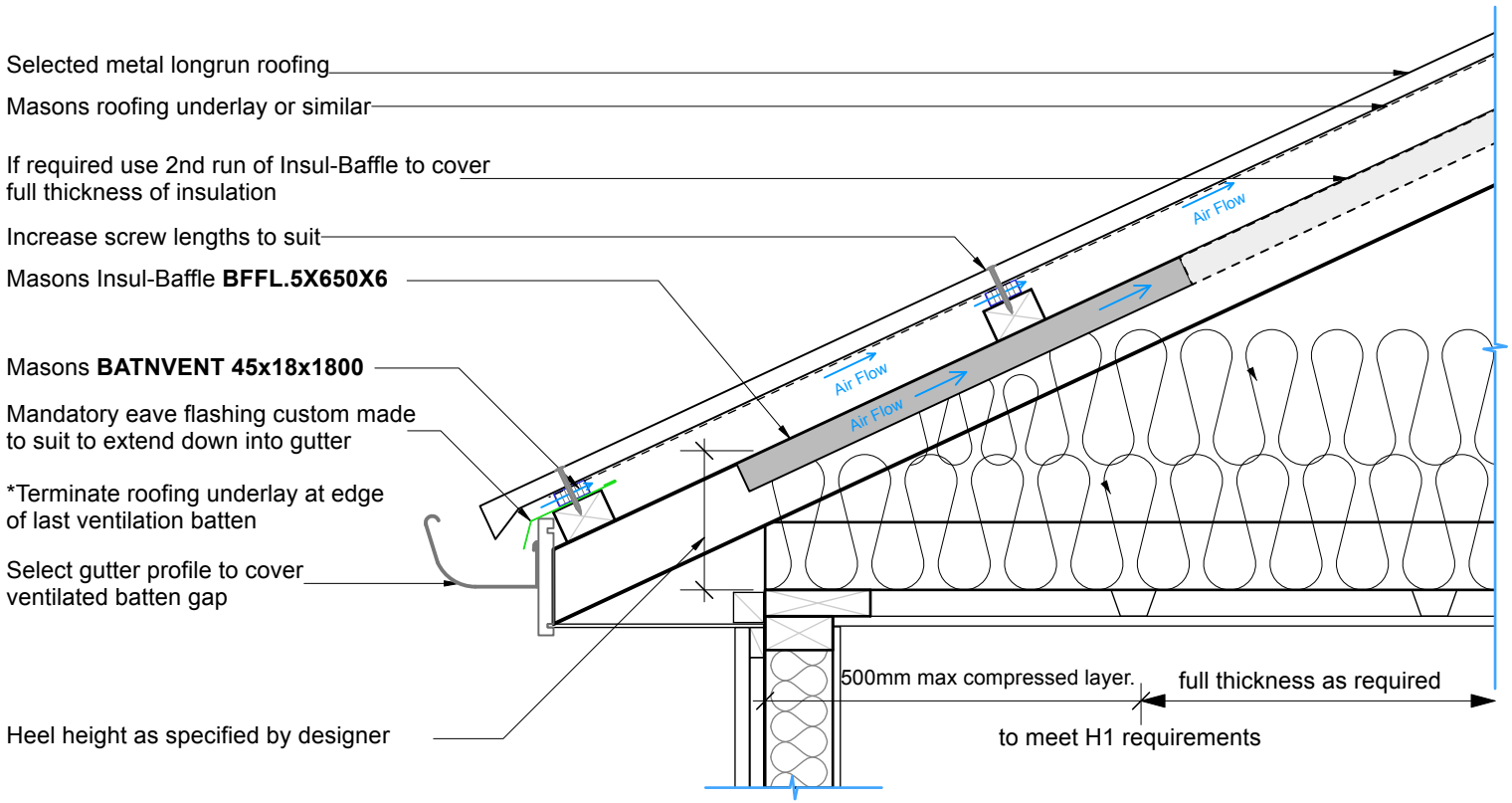
Masons Eave Ventilation

Trussed Roof - Steel Longrun

Scale: 1:5

Date: 27/11/25

Drawing No. **Fig.2.05**



Masons Key Components: BFFL.5X650X6, BATNVENT 45x18x1800

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MASONS
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Option 2 - 12300mm2 / lm Cross Ventilation

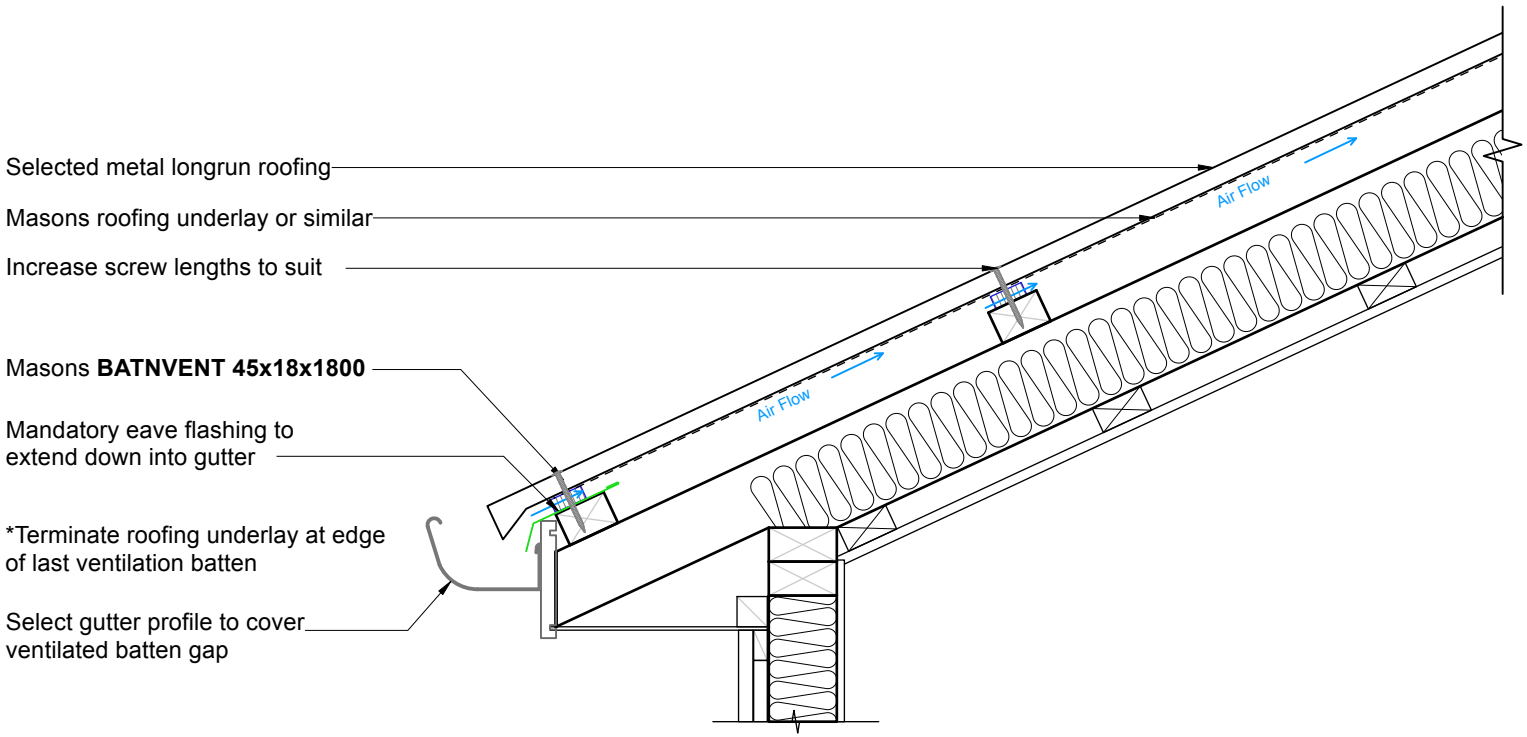
Masons Eave Ventilation

Skillion Roof - Steel Longrun

Scale: 1:5

Date: 27/11/25

Drawing No. **Fig.2.06**



Masons Key Components: BATNVENT 45x18x1800

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MASONS
Designed Smart, Built Tough.

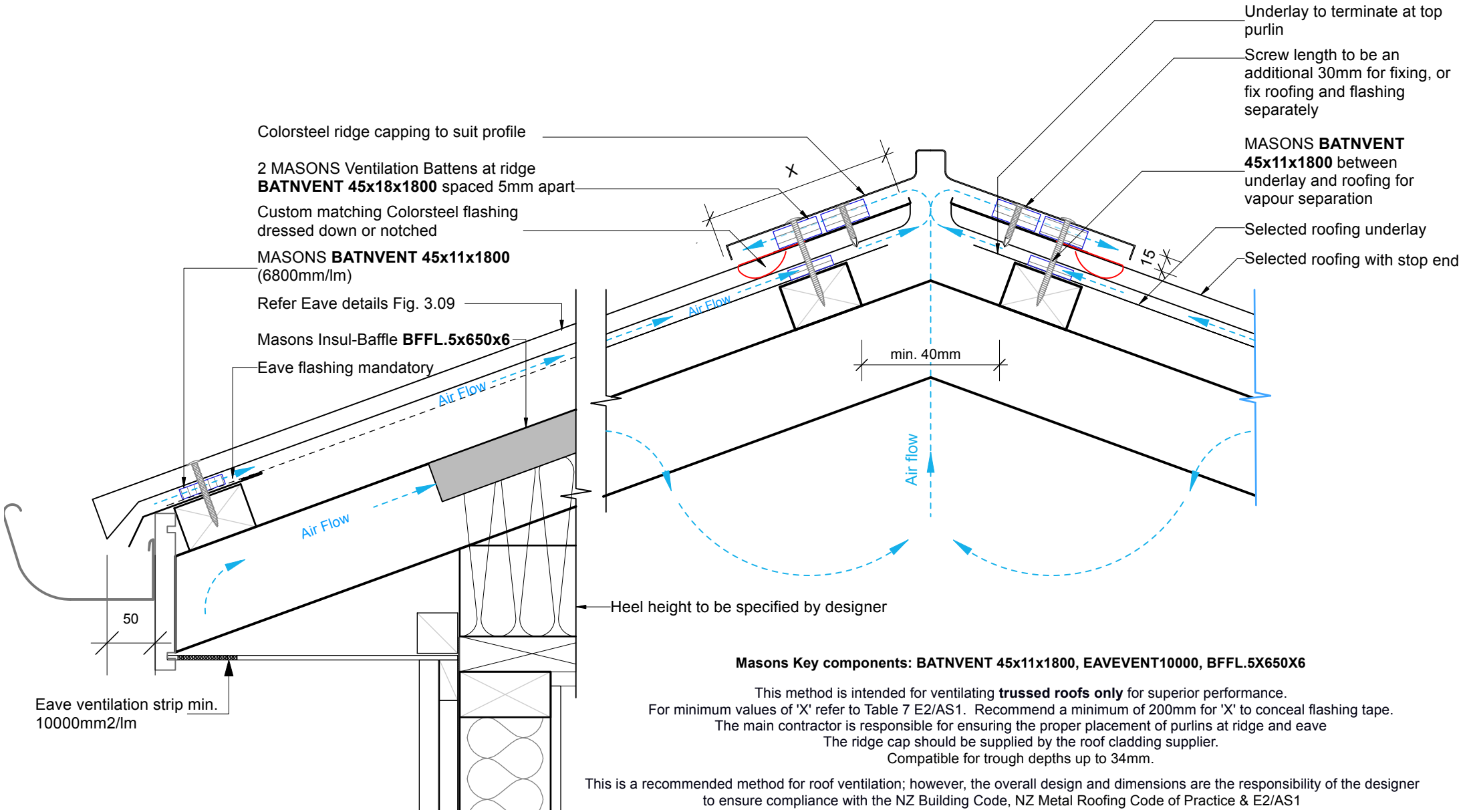
Option 3 - 10000mm2 / lm Cross Ventilation to Attic Space + vapour separation between roof and underlay - Trussed Roof

Masons Roof Ventilation

Scale: 1:5

Date: 27/11/25

Drawing No. **Fig.3.03**



Masons Key components: BATNVENT 45x11x1800, EAVEVENT10000, BFFL.5X650X6

This method is intended for ventilating **trussed roofs only** for superior performance.
For minimum values of 'X' refer to Table 7 E2/AS1. Recommend a minimum of 200mm for 'X' to conceal flashing tape.
The main contractor is responsible for ensuring the proper placement of purlins at ridge and eave
The ridge cap should be supplied by the roof cladding supplier.
Compatible for trough depths up to 34mm.

This is a recommended method for roof ventilation; however, the overall design and dimensions are the responsibility of the designer to ensure compliance with the NZ Building Code, NZ Metal Roofing Code of Practice & E2/AS1

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MASONS
Designed Smart, Built Tough.

Option 3 - 24600mm2 / lm Cross Ventilation + vapour separation between roof and underlay

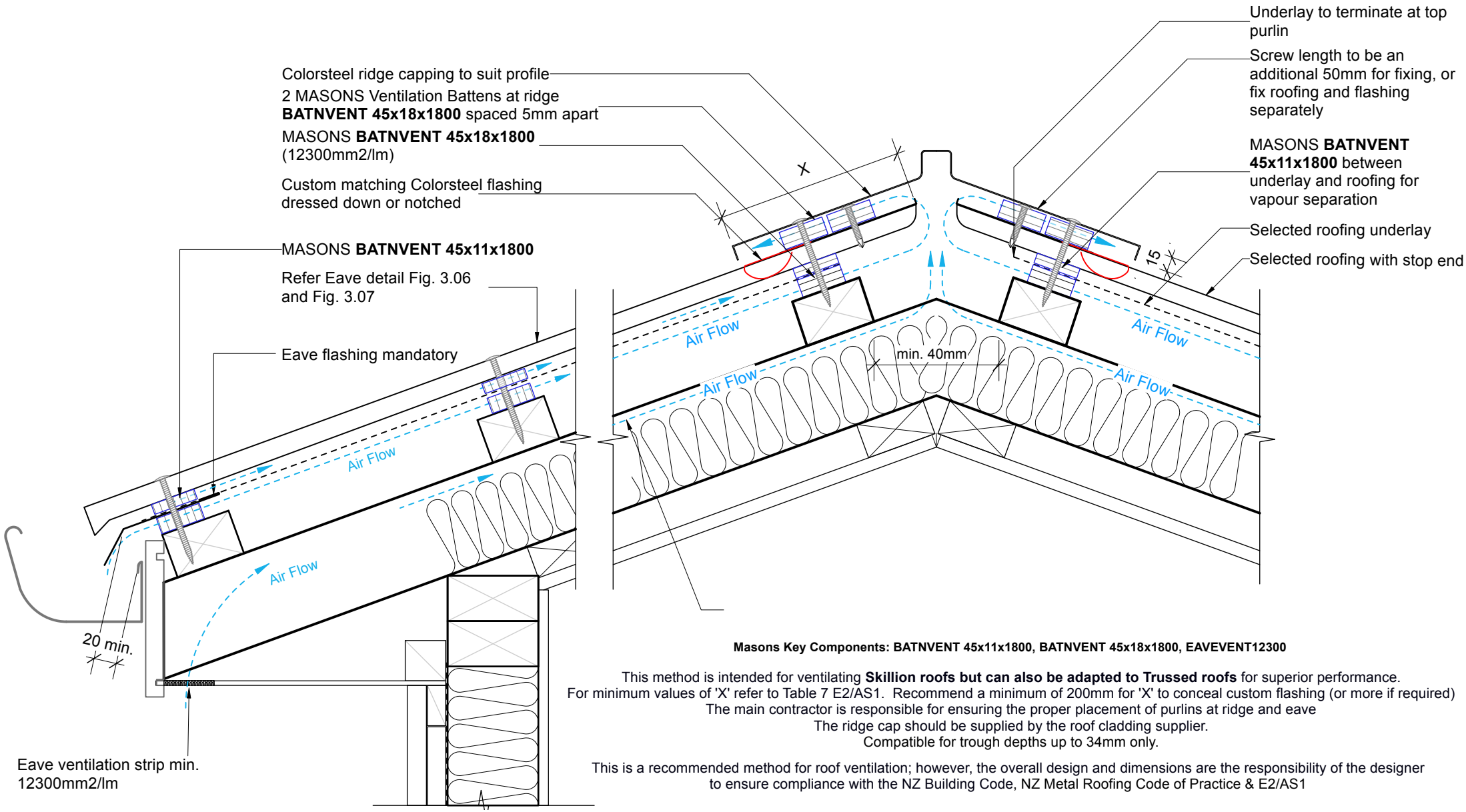
Masons Roof Ventilation

Trussed roof <15º or Skillion Roof all pitches - Steel Longrun

Scale: 1:5

Date: 27/11/25

Drawing No. **Fig.3.04**



Masons Key Components: BATNVENT 45x11x1800, BATNVENT 45x18x1800, EAVEVENT12300

This method is intended for ventilating **Skillion roofs but can also be adapted to Trussed roofs** for superior performance.
For minimum values of 'X' refer to Table 7 E2/AS1. Recommend a minimum of 200mm for 'X' to conceal custom flashing (or more if required)
The main contractor is responsible for ensuring the proper placement of purlins at ridge and eave
The ridge cap should be supplied by the roof cladding supplier.
Compatible for trough depths up to 34mm only.

This is a recommended method for roof ventilation; however, the overall design and dimensions are the responsibility of the designer to ensure compliance with the NZ Building Code, NZ Metal Roofing Code of Practice & E2/AS1

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MASONS
Designed Smart, Built Tough.

Option 3 - Cross ventilation as stated + vapour separation between roof and underlay

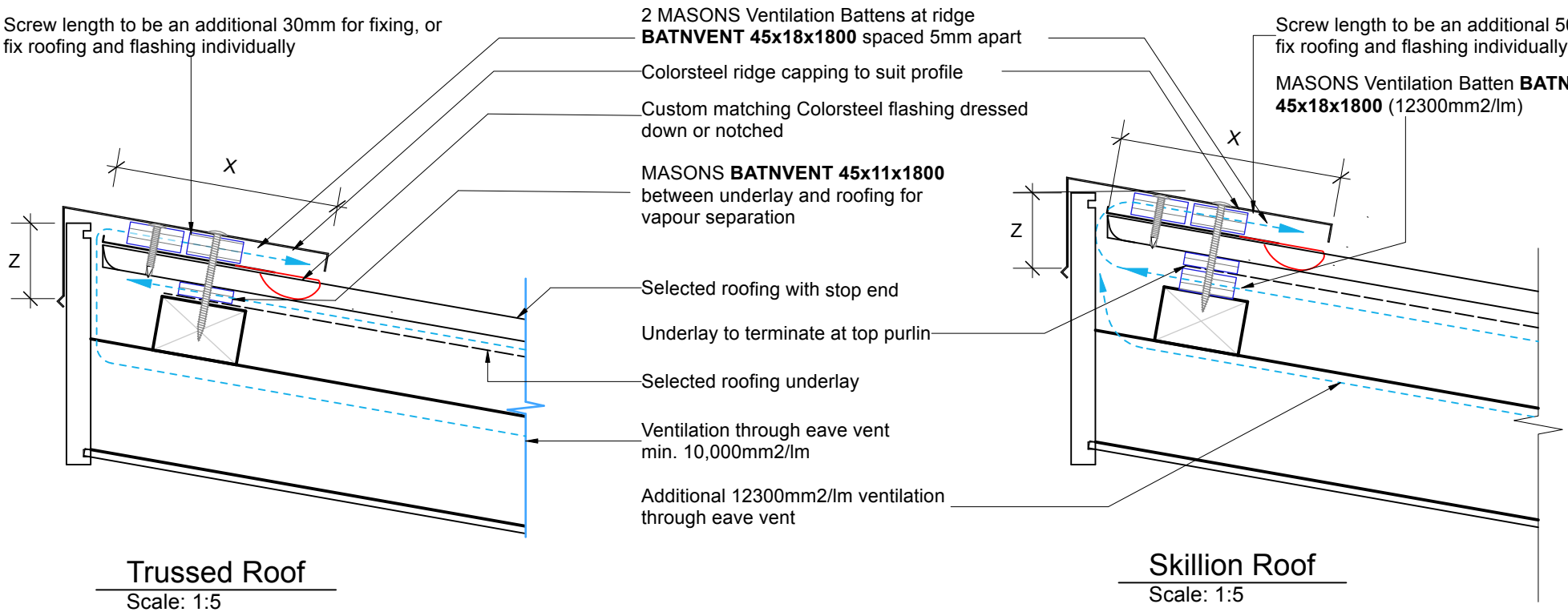
Masons Mono Ridge/Barge Ventilation

Trussed & Skillion Roof - Steel Longrun

Scale: 1:5

Date: 27/11/25

Drawing No. **Fig.3.05**



Trussed Roof

Scale: 1:5

10000mm2 / lm Cross Ventilation

Skillion Roof

Scale: 1:5

24600mm2 / lm Cross Ventilation

Masons Key Components: BATNVENT 45x18x1800, BATNVENT 45x11x1800, EAVEVENT10000 / EAVEVENT12300

For minimum values of 'X' & 'Z' refer to Table 7 E2/AS1. Recommend a minimum of 200mm for 'X' to conceal custom flashing (or more if required)
The main contractor is responsible for ensuring the proper placement of purlins for fixing of the ridge vent.
The ridge cap should be supplied by the roof cladding supplier.

This is a recommended method for roof ventilation; however, the overall design and dimensions are the responsibility of the designer to ensure compliance with the NZ Building Code, NZ Metal Roofing Code of Practice & E2/AS1

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MASONS
Designed Smart, Built Tough.

Option 3 - 24600mm2 / lm Cross Ventilation

Masons - Eave Ventilation for Skillion Roofs & Trussed Roofs <15º

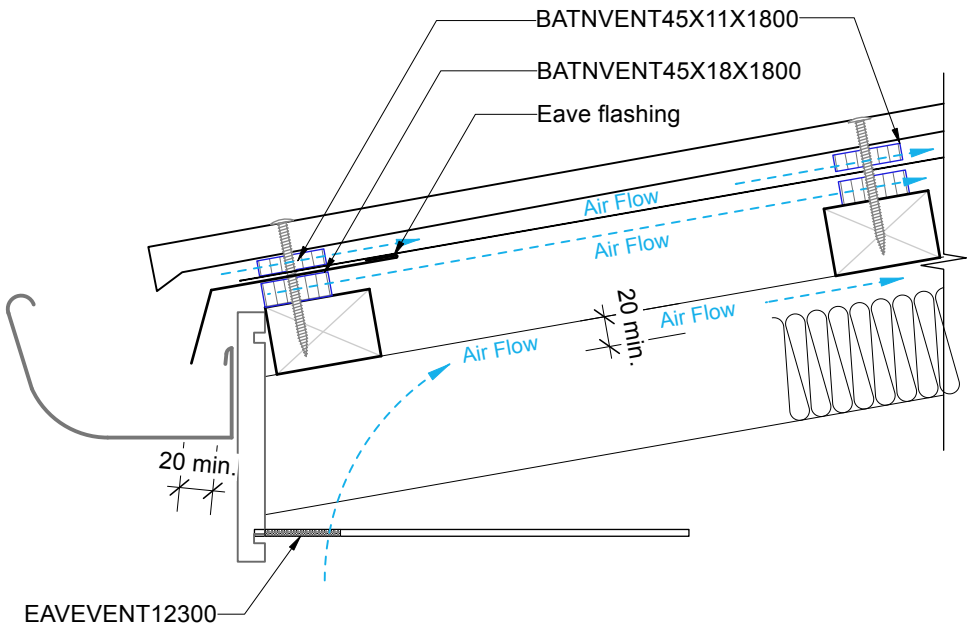
Skillion /Trussed Roof - Steel Longrun Roofing

Scale: 1:5

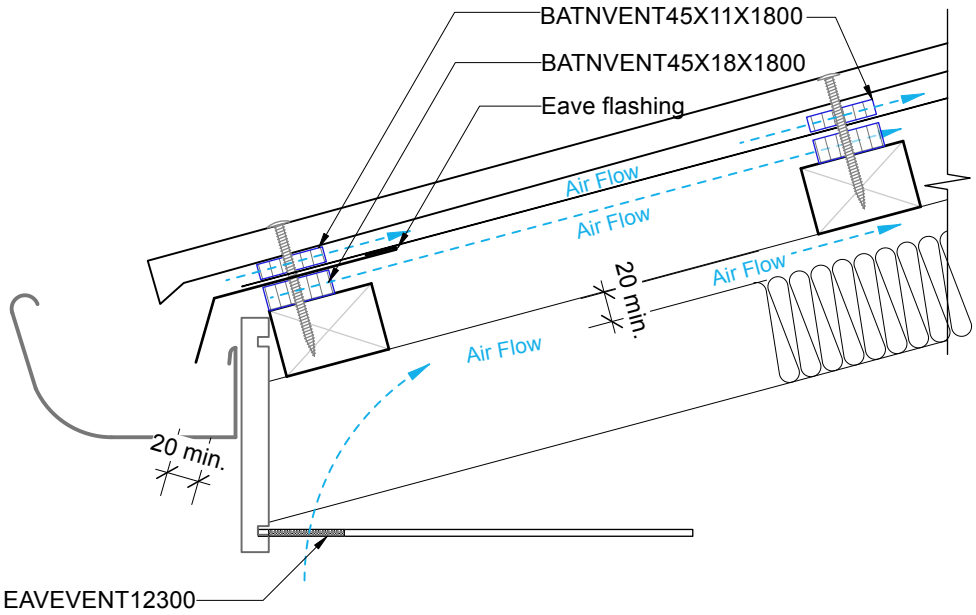
Date: 27/11/25

Drawing No. **Fig.3.06**

KEY COMPONENTS
11mm Ventilation batten - BATNVENT 45X11X1800 (6800mm2/lm)
18mm Ventilation batten - BATNVENT 45X18X1800 (12300mm2/lm)
Eave Vent - EAVEVENT12300
Eave flashing - by others



Masons Eave Ventilation - 10º Skillion Roof



Masons Eave Ventilation - 15º Skillion Roof or <15º Trussed Roof

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MASONS
Designed Smart, Built Tough.

Option 3 - 24600mm2 / lm Cross Ventilation

Masons - Eave Ventilation for Skillion Roofs

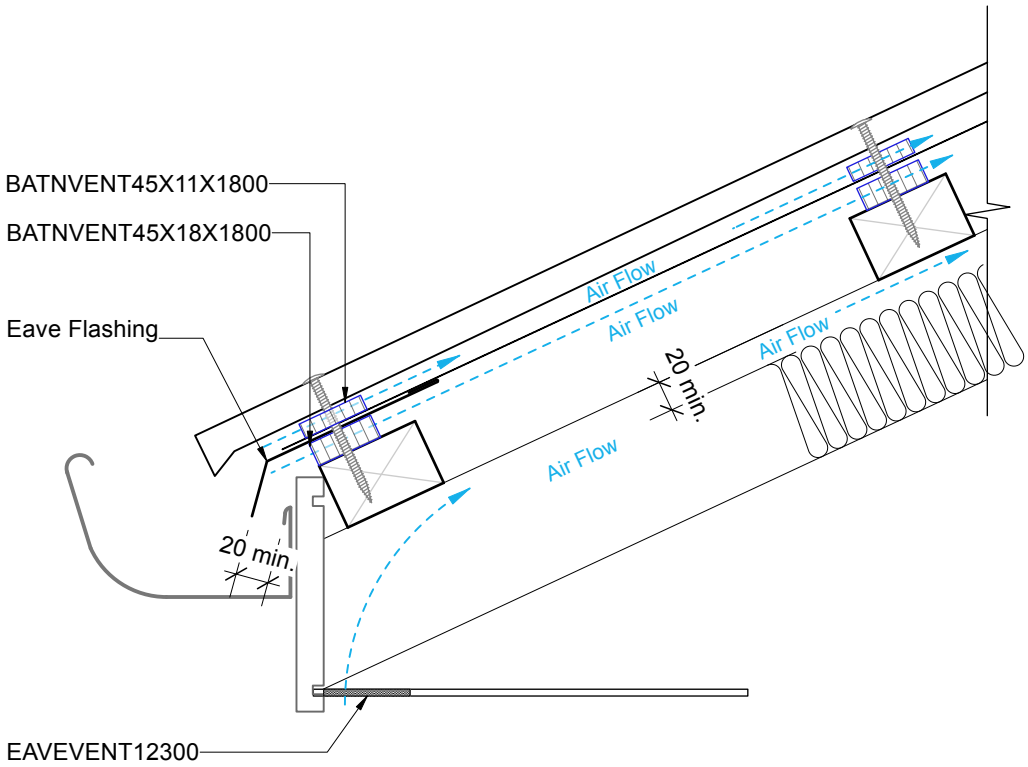
Skillion Roof - Steel Longrun Roofing

Scale: 1:5

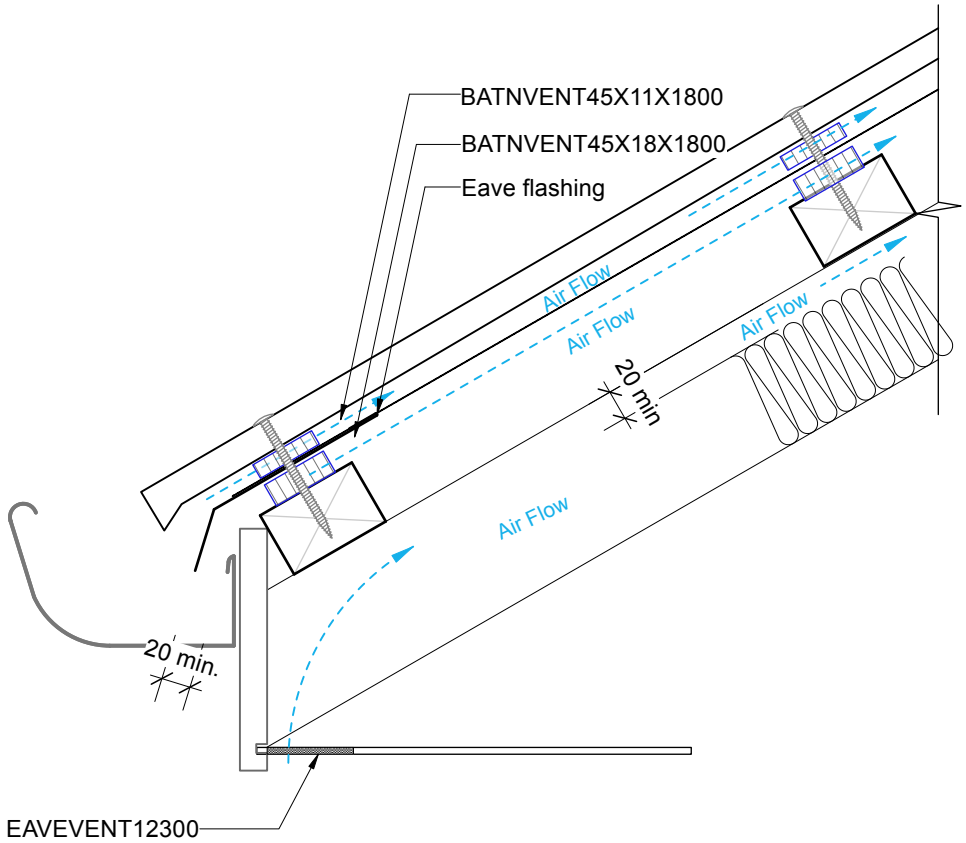
Date: 27/11/25

Drawing No. **Fig.3.07**

KEY COMPONENTS
11mm Ventilation batten - BATNVENT 45X11X1800 (6800mm2/lm)
18mm Ventilation batten - BATNVENT 45X18X1800 (12300mm2/lm)
Eave Vent - EAVEVENT12300
Eave Flashing - By others



Masons Eave Ventilation - 20º Skillion Roof



Masons Eave Ventilation - 30º Skillion Roof

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MASONS
Designed Smart, Built Tough.

Option 3 - 24600mm2 / lm Cross Ventilation

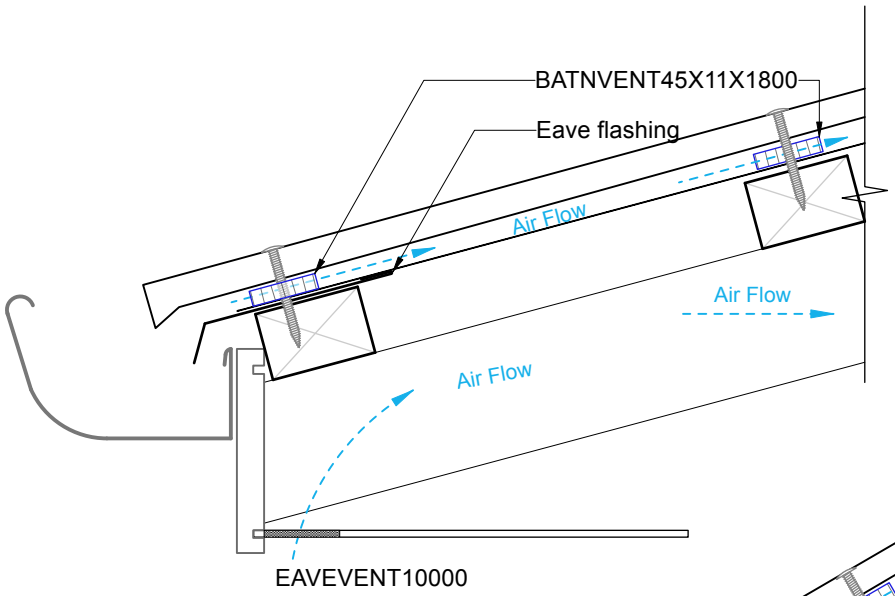
Masons - Eave Ventilation for Trussed Roof >15º

Trussed Roof - Steel Longrun Roofing

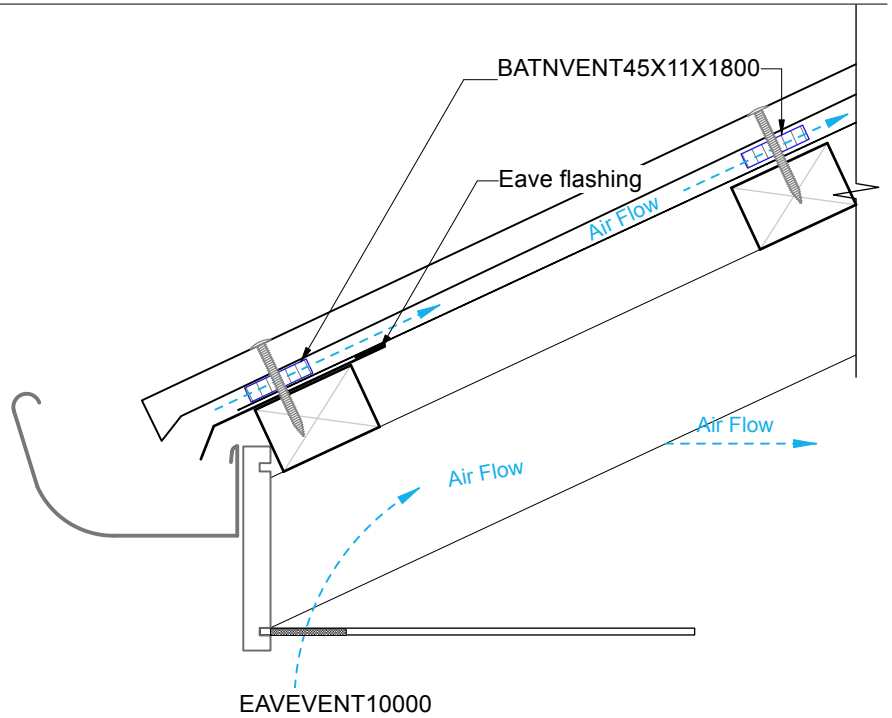
Scale: 1:5

Date: 27/11/25

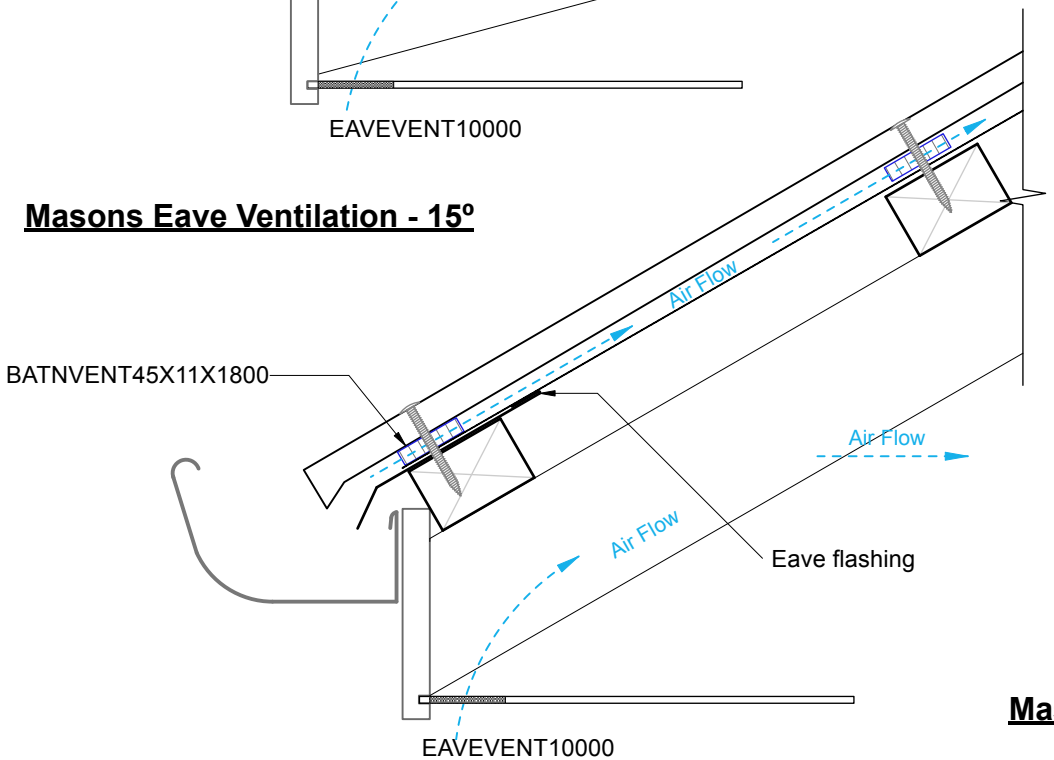
Drawing No. **Fig.3.08**



Masons Eave Ventilation - 15º



Masons Eave Ventilation - 25º



Masons Eave Ventilation - 30º

KEY COMPONENTS

11mm Ventilation Batten - BATNVENT45X11X1800

Eave Vent - EAVEVENT10000

Eave Flashing - By others