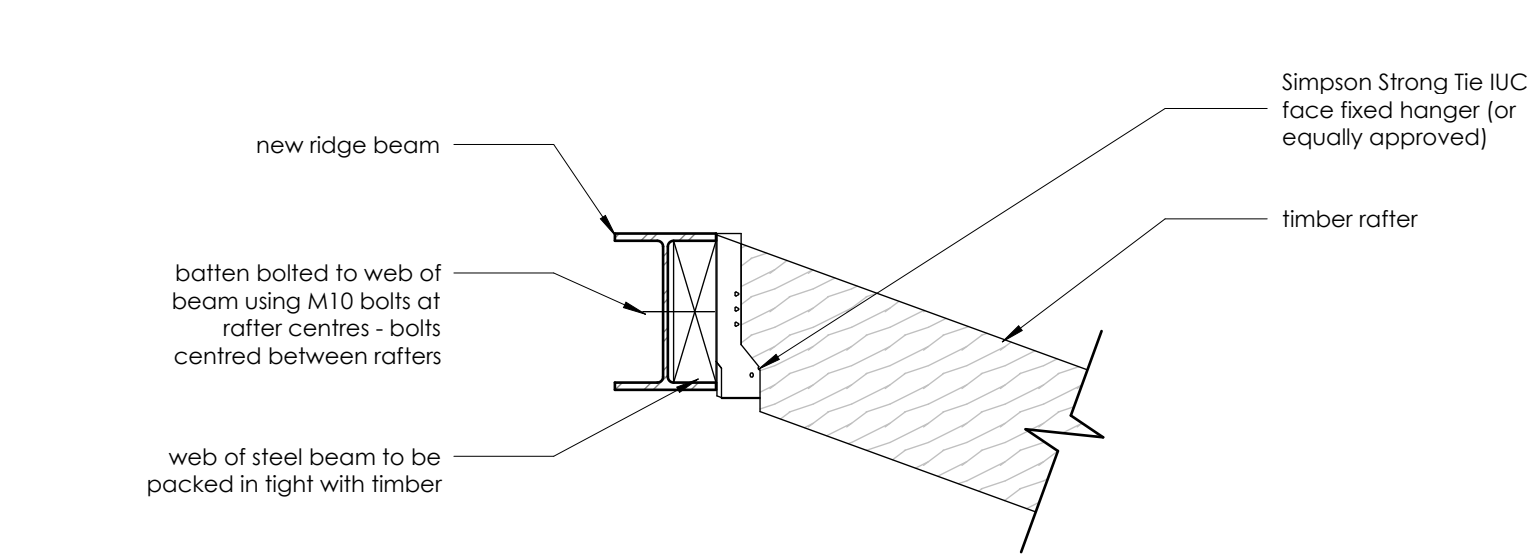
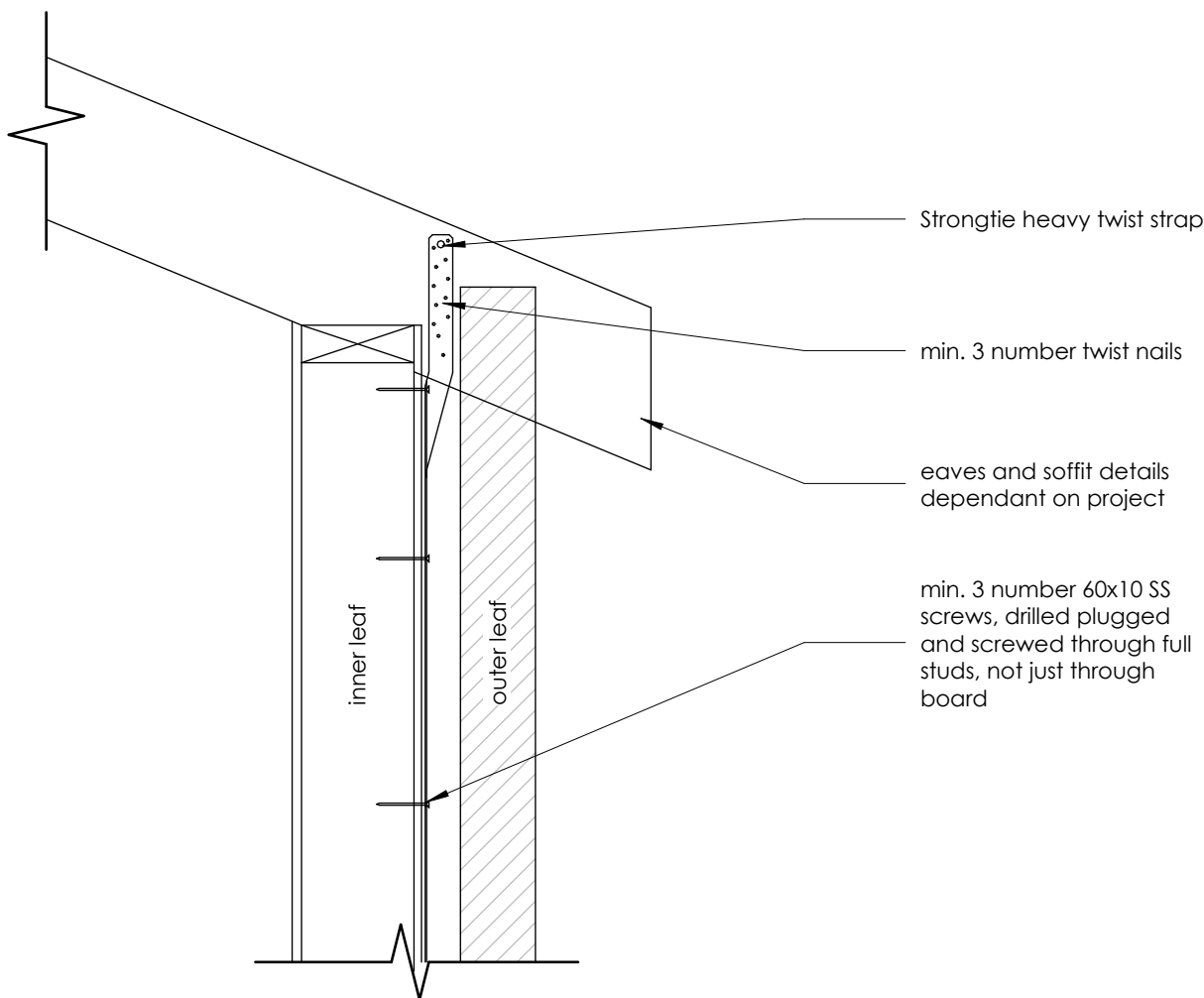




MC28 Typical rafter hanger

Detail notes: Typical structural solution for rafter hanger shown. All structural solutions to be designed and approved by a structural engineer.

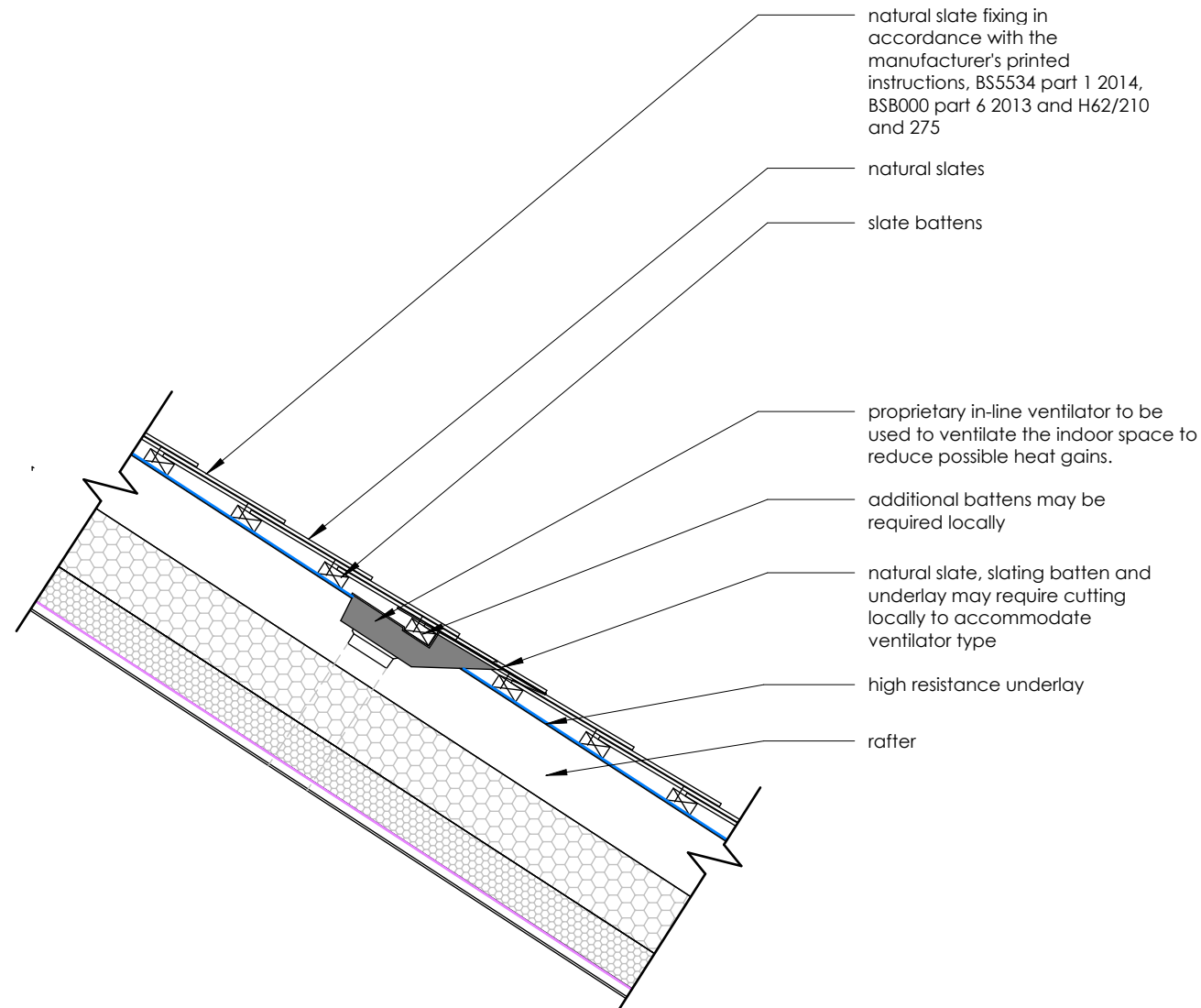
1 MC28
1 : 10



MC31 30 x 5 Holding-down strap detail
Eaves - Pitched rafter

Detail notes: Typical structural solution for a holding down strap at the eaves detail for a pitched roof joist. All structural solutions to be designed and approved by a structural engineer.

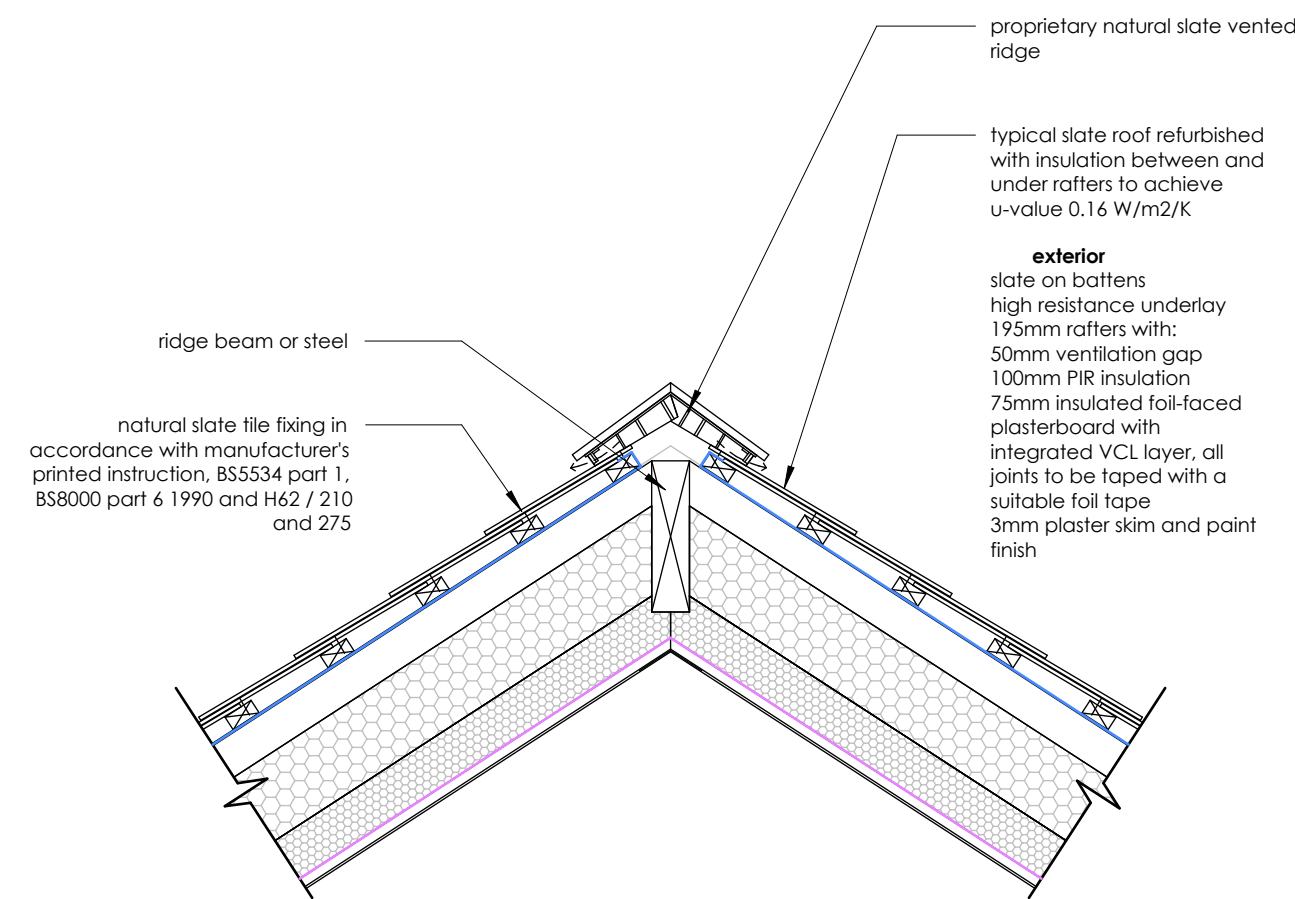
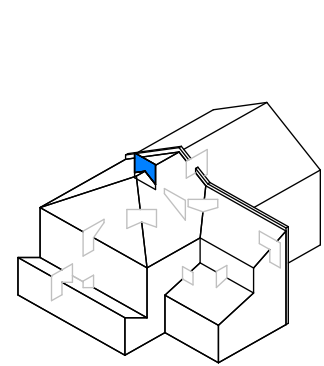
2 MC31
1 : 10



MC163 Inline / flush roof vent - traditional
slate roof - insulation at ceiling level

Detail Notes:
Inline / flush roof vent can be used to simply ventilate the roof or internal space. Detail shows natural slates which allow for some background passive ventilation of the batten void, do not use this detail with flat / artificial slates. Ventilation requirements based on roof location, orientation and exposure, contact natural slate supplier / specialist installer for recommendations. Roof structure is indicative and should be adapted to structural engineer's specification.

3 MC163
1 : 10

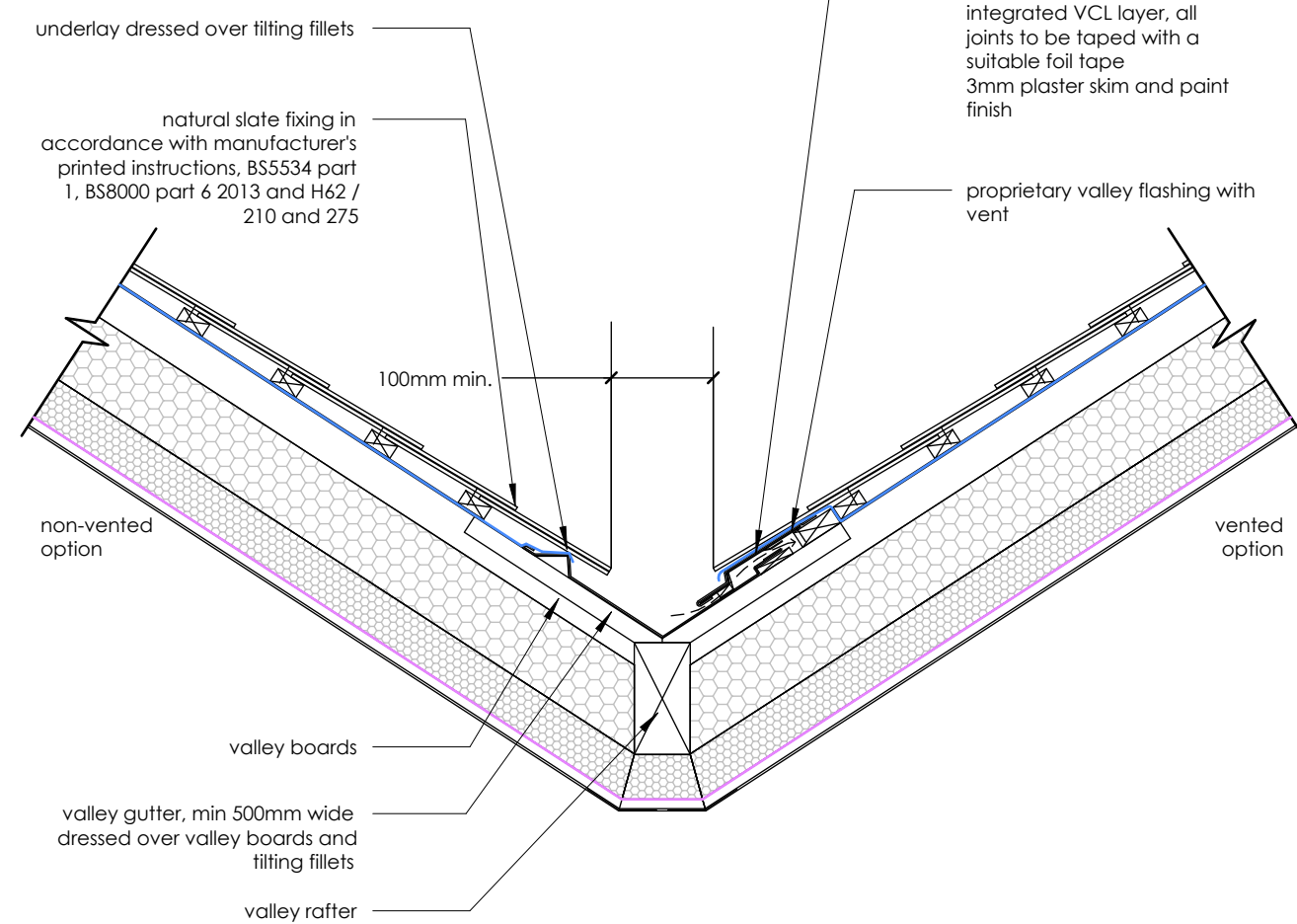
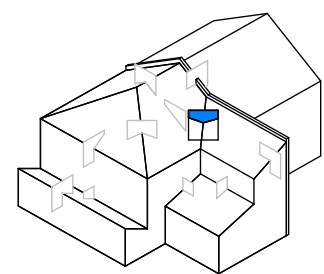


MC170 Vented mitred ridge tile detail -
refurbished/new slate roof - insulation
between and under rafters

Detail Notes:
Ventilation requirements are dependant on the existing roof requirements, insulation specification, location and exposure of the roof.
Detail shows natural slates which allow for some background passive ventilation of the batten void, do not use this detail with flat / artificial slates. Ventilation requirements based on roof location, orientation and exposure, contact natural slate supplier / specialist installer for recommendations.
Roof structure is indicative and should be adapted to structural engineer's specification.

Typical slate roof refurbished with insulation between and under rafters to achieve u-value 0.16 W/m2/K.
Typical slate roof as new fabric element in existing dwelling with insulation between and under rafters to achieve u-value 0.15 W/m2/K.

4 MC170
1 : 10

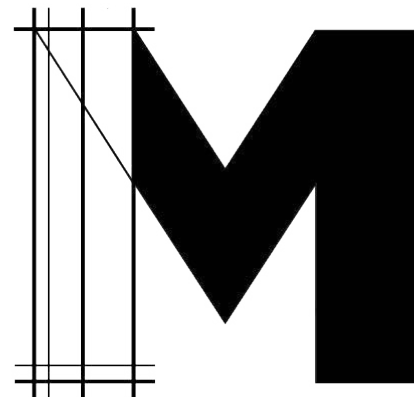


MC171 Valley gutter lead and vent detail -
refurbished/new slate roof - insulation
between and under rafters

Detail Notes:
Details shows a traditional style valley gutter that may be found in existing properties. Lead is toxic and there are a number of alternatives, including PFC aluminium, PVC and other specific flexible lead alternatives which can be used in the refurbishment of a roof. Details shows two options depending on ventilation requirements, a vented option to the right and a non-vented option to the left.
Ventilation requirements are dependant on the existing roof requirements, insulation specification, location and exposure of the roof.
Detail shows natural slates which allow for some background passive ventilation of the batten void, do not use this detail with flat / artificial slates. Ventilation requirements based on roof location, orientation and exposure, contact natural slate supplier / specialist installer for recommendations.
Roof structure is indicative and should be adapted to structural engineer's specification.

Typical slate roof refurbished with insulation between and under rafters to achieve u-value 0.16 W/m2/K.
Typical slate roof as new fabric element in existing dwelling with insulation between and under rafters to achieve u-value 0.15 W/m2/K.

5 MC171
1 : 10



MOOSECONSULTING

ISSUE STATUS
CLIENT REVIEW

CLIENT
MR & MRS GREEN

PROJECT
FAIRHAVEN

REV	DESCRIPTION	DATE
A	CLIENT REVIEW	24.03.25

Notes

- Structural calculations, guidance or notes of any is for guidance only, not for construction. You must engage a structural engineer.
- All documentation provided does not limit your liability in respect to the engagement and full compliance of Planning and/or Building Control.
- The nominated Building Control officer has the right to superceed any and all of the information contained within this document. You are required by Law to comply with the explicit directions given by your Building Control officer.

PROJECT ID	DATE of ISSUE
2503101	24.03.25

SCALE (@ A1)	REV
1 : 10	A

TITLE
DETAILS SHEET 2

DWG No.

A510

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