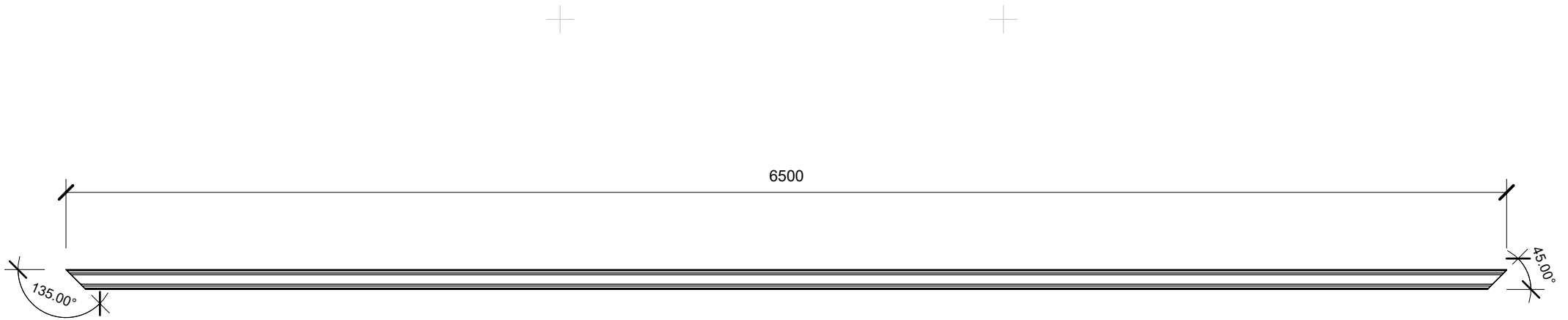


MCRB40 - Metal Tiles

RESIDENTIAL ROOFING

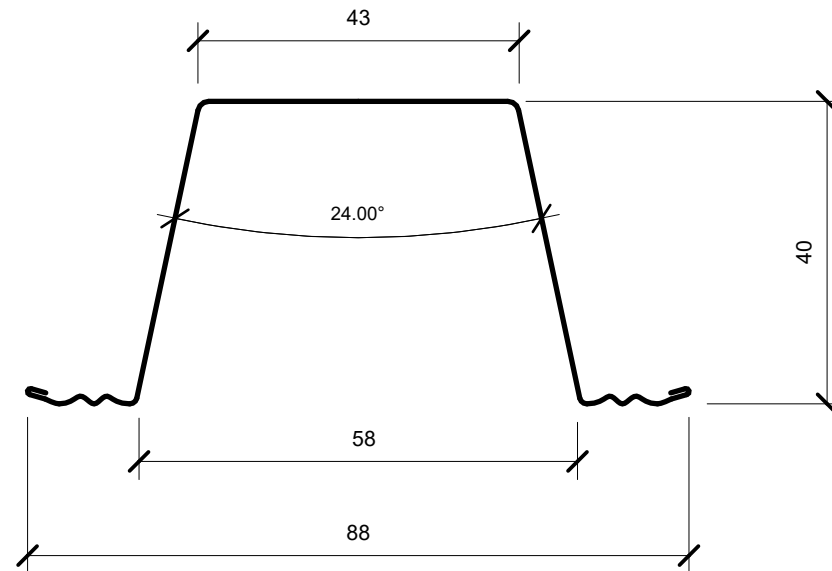
DETAIL LIST

		<u>Revision</u>	<u>Date</u>
00	COVER SHEET	1.0	JAN 2025
01	MCRB40 ROOF BATTEN	1.0	JAN 2025
03	HIPS AND VALLEY	1.0	JAN 2025
04	JOINTING	1.0	JAN 2025
05	CANTILEVER	1.0	JAN 2025
06	ROOF VALLEY	1.0	JAN 2025
07	ROOF RIDGE	1.0	JAN 2025
08	ANGLE BARGE	1.0	JAN 2025
09	TILE BATTEN LAYOUT 01	1.0	JAN 2025
10	HEAD APRON	1.0	JAN 2025
11	SIDE FLASHING	1.0	JAN 2025
12	SECRET GUTTER	1.0	JAN 2025



MCRB40 BATTEN PRECUT WITH 45° & 135° MITRES

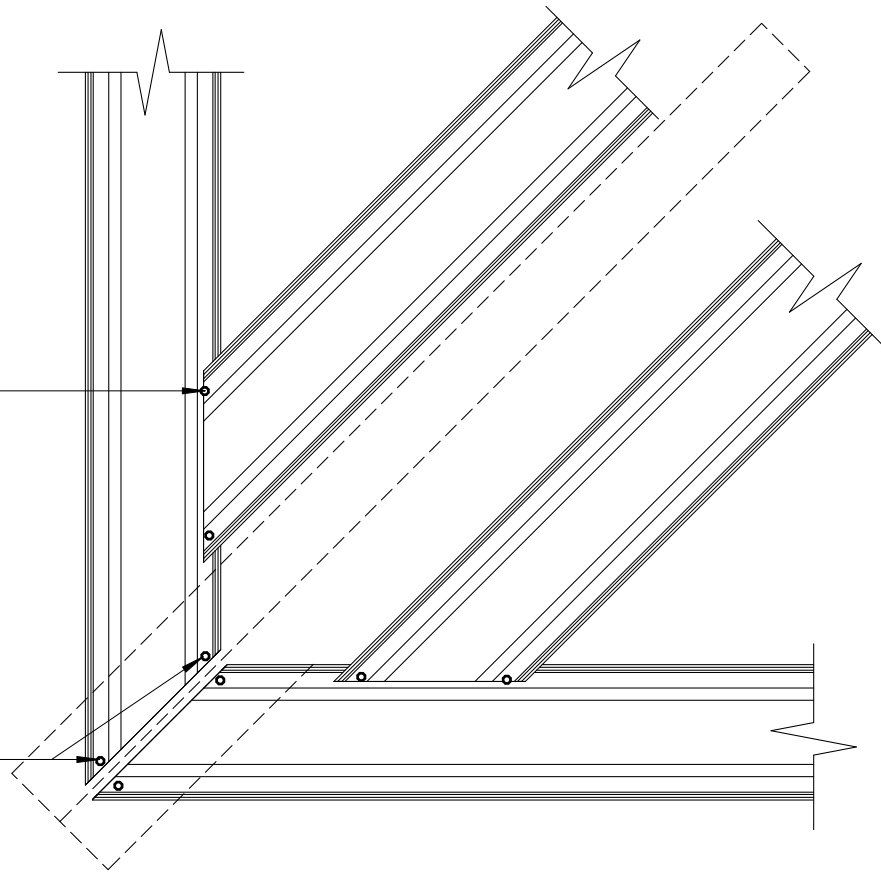
Scale: 1:25

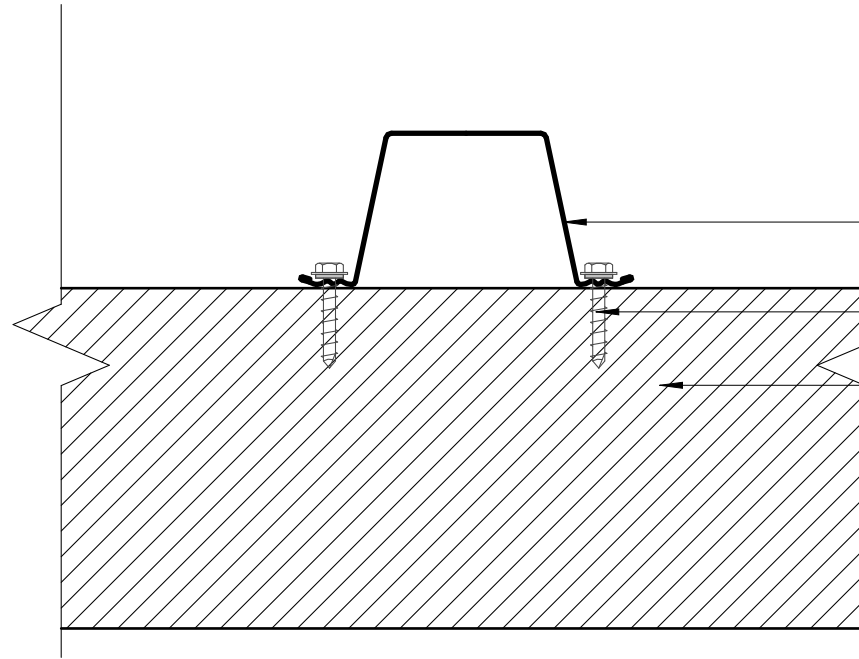


Scale: 1:1

10 x 16 Tek.

12 x 40 Type 17



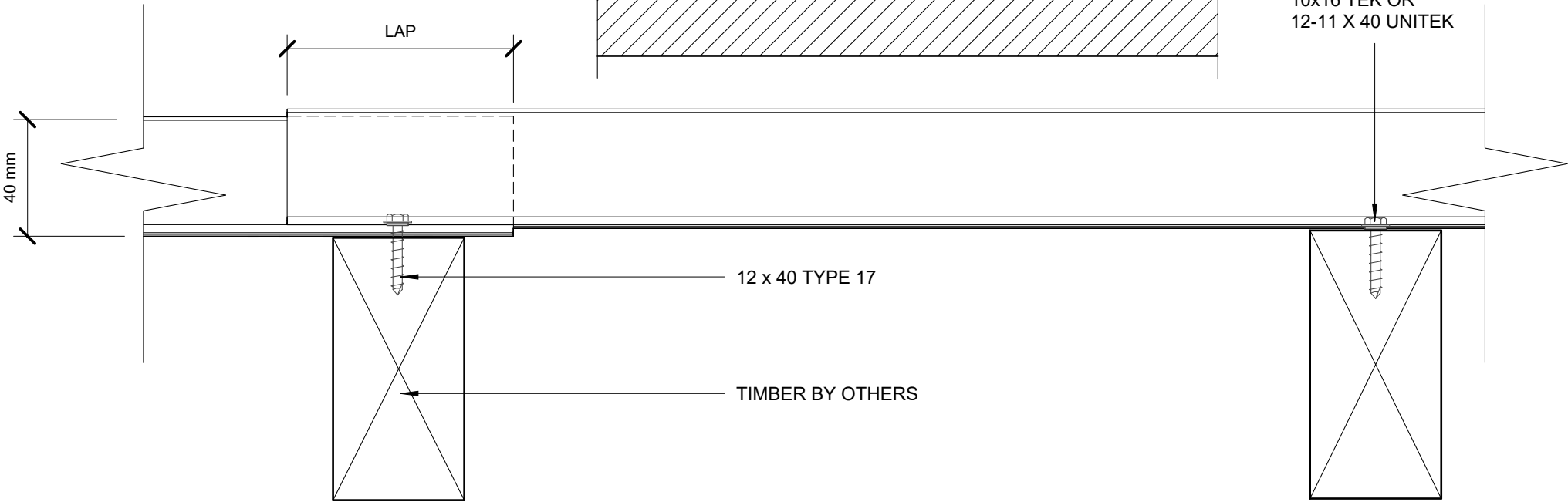


METALCRAFT MCRB40

12 x 40 TYPE 17

TIMBER BY OTHERS

10x16 TEK OR
12-11 X 40 UNITEK



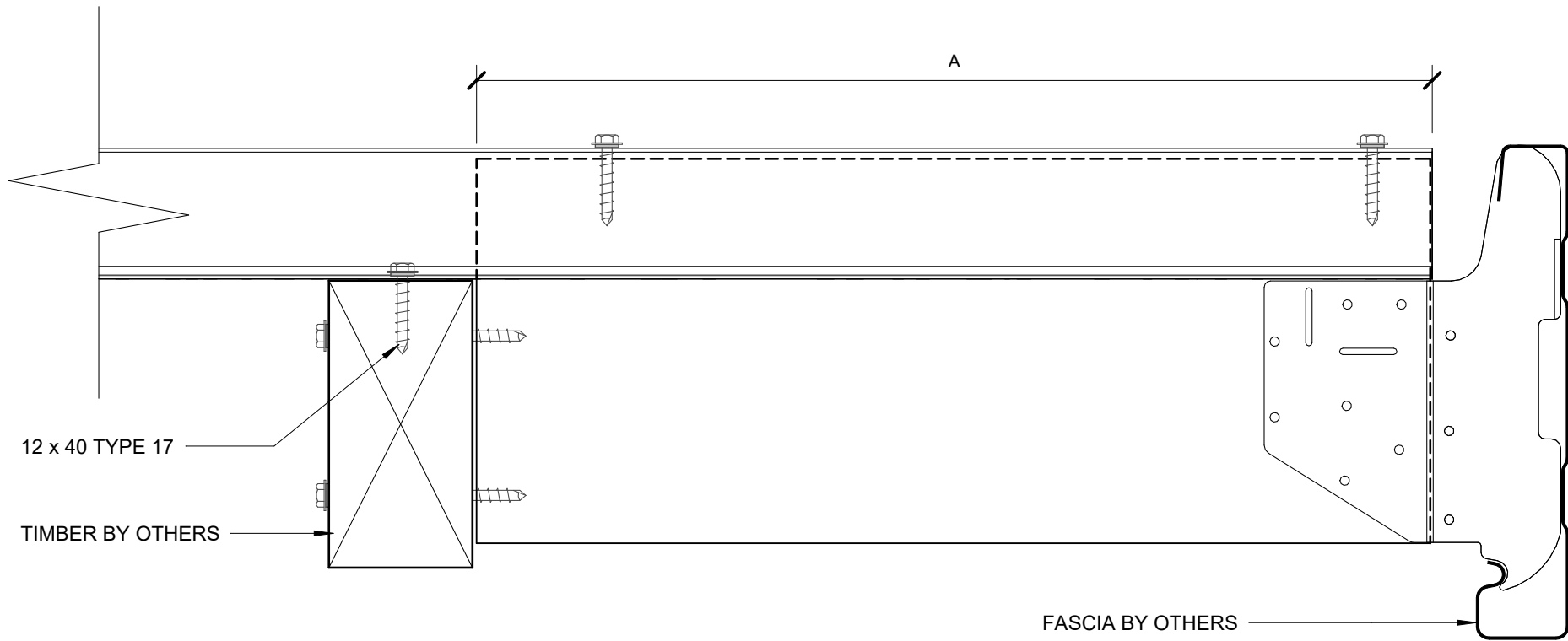
LAP

40 mm

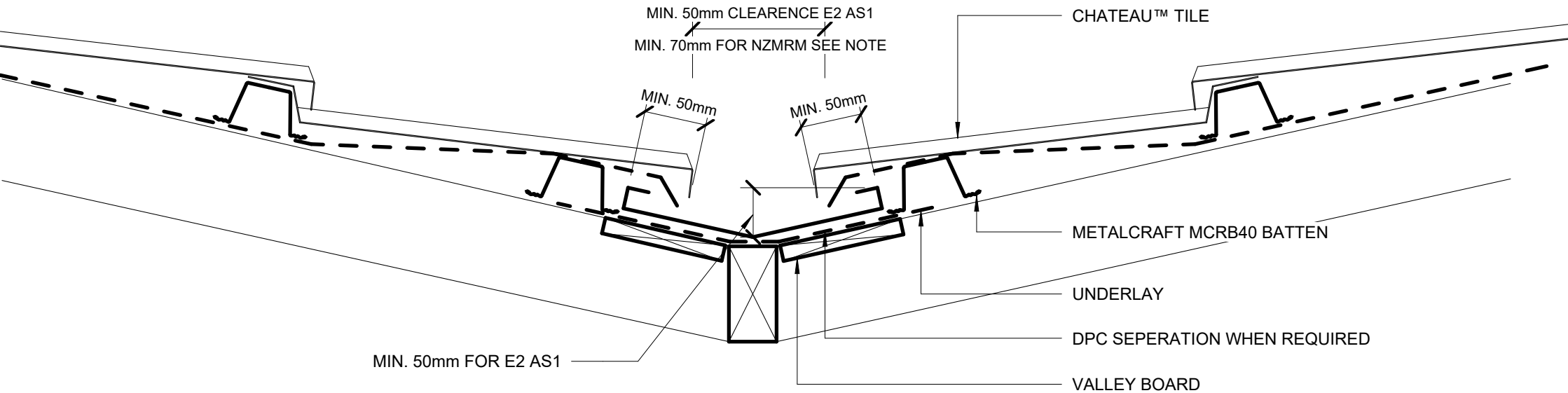
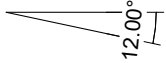
12 x 40 TYPE 17

TIMBER BY OTHERS

A= The maximum cantilever support span is 40% of the maximum supported span.



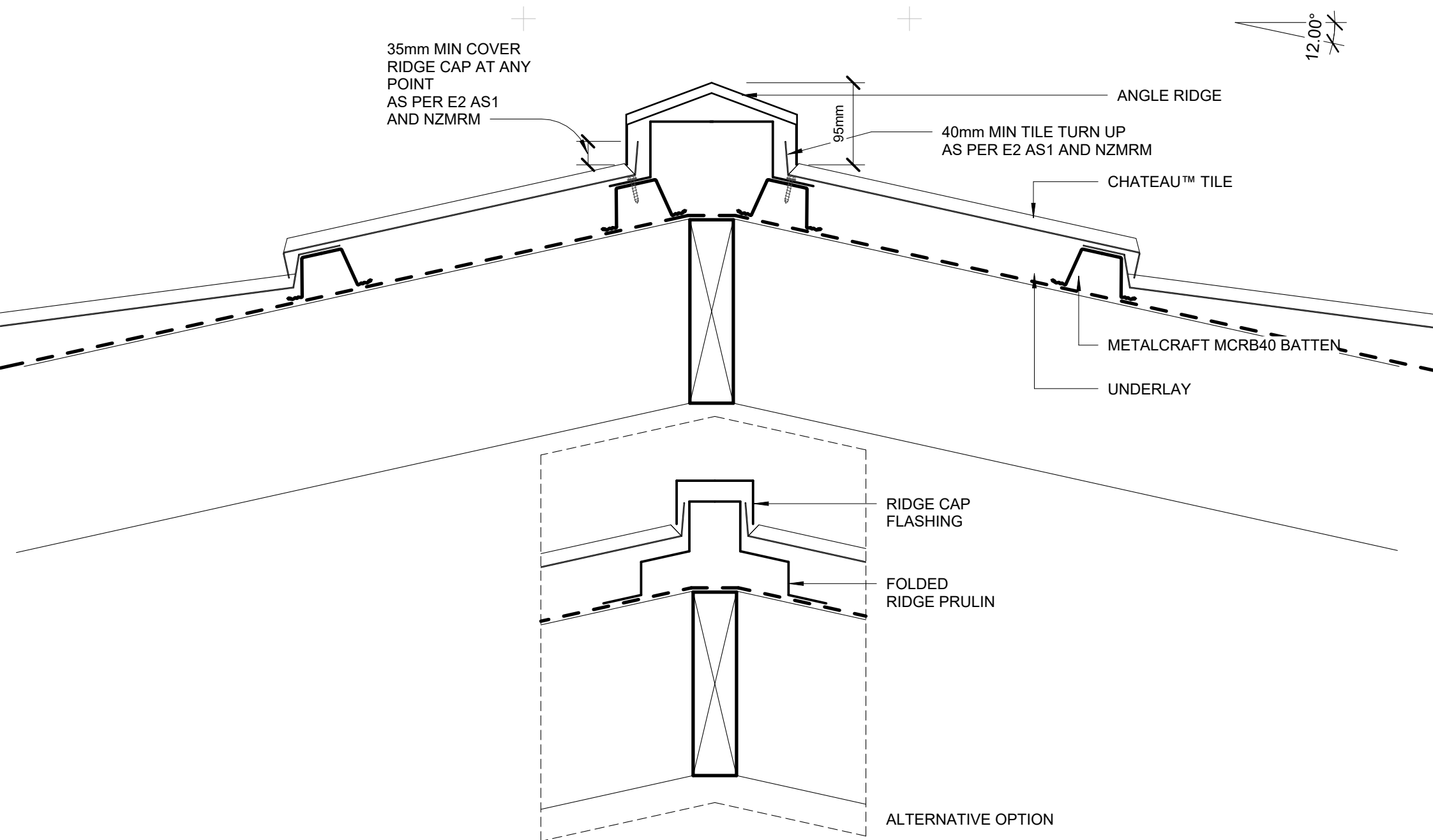
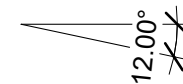
*CHATEAU™
MIN. ROOF PITCH = 12°

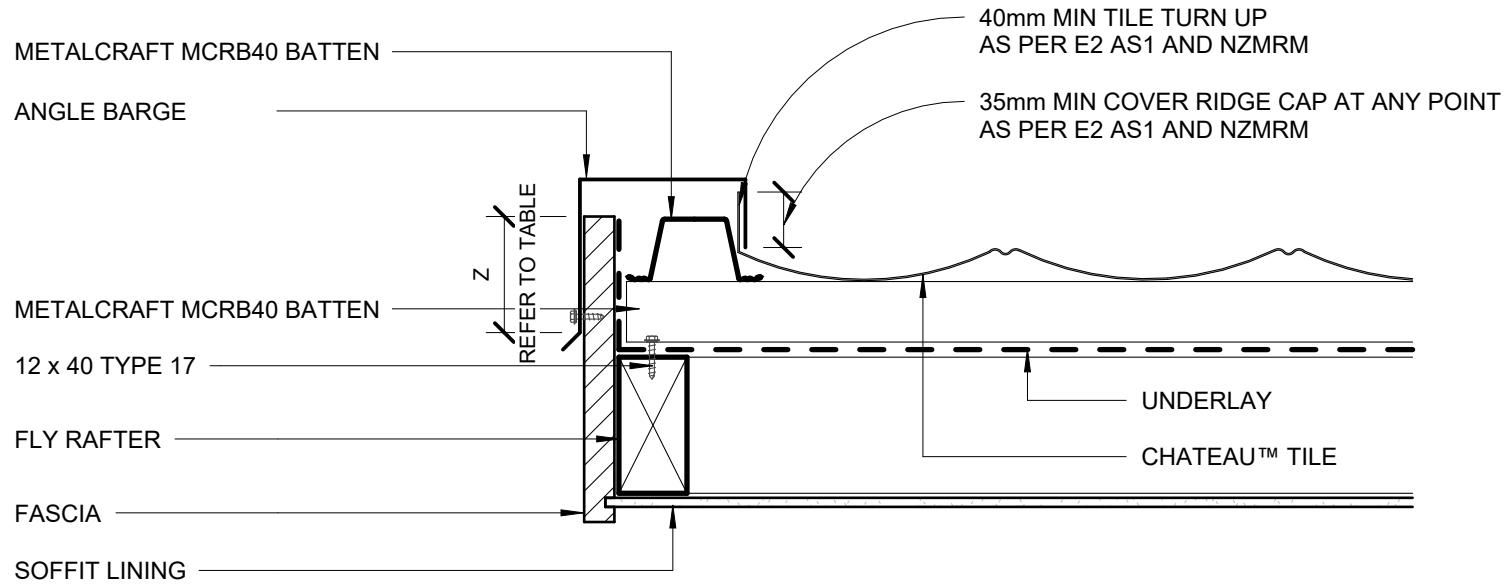


FOR ALTERNATIVE
VALLEY GUTTER DESIGN
REFER NZMRM CODE OF
PRACTICE

FOR VALLEY GUTTER DIMENSIONS AS PER
TABLE 8 OF E2 AS1.

OR FOR ALTERNATIVE VALLEY GUTTER
DESIGN REFER TO THE NZMRM CODE OF
PRACTICE.





AS PER E2/ASI

SITUATION 1	SITUATION 2	SITUATION 3
1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
Z MIN. 50mm	MIN. 70mm	MIN. 90mm

35mm MIN COVER RIDGE CAP AT ANY POINT
AS PER E2 AS1 AND NZMRM

ANGLE RIDGE

CHATEAU™ TILE

40mm MIN TILE TURN UP
AS PER E2 AS1 AND
NZMRM

MAIN ROOF 370mm

BOTTOM COURSE 330mm

*CHATEAU™
MIN. ROOF PITCH = 12°
12.00°

MIN. 40mm
AS PER E2 AS1 AND NZMRM

MIN. 20mm
AS PER NZMRM

RIDGE CAP
FLASHING

FOLDED
RIDGE PRULIN

METALCRAFT
MCRB40
BATTEN

UNDERLAY

FASCIA MUST NOT BE INSTALLED AT
A HEIGHT GREATER THAN THAT OF THE
BATTEN

THE TILE OVERHANG INTO THE
RAINWATER SYSTEM WILL INCREASE WITH
THE PITCH OF THE ROOF.
THE POSITION OF THE BOTTOM COURSE
WILL VARY DEPENDING ON THE TYPE OF
RAINWATER SYSTEM SELECTED.

ALTERNATIVE OPTION

WEATHERBOARDS ON CAVITY

BUILDING PAPER OVER
FLASHING SHOWN DASHED

PVC CAVITY CLOSER

STST OR GALV. FLAT HEAD
NAIL FOR FLASHING

CANT STRIP PACKER

SIDE FLASHING

BUILDING PAPER SHOWN
DASHED

40mm MIN TILE TURN UP
AS PER E2 AS1 AND NZMRM

35mm MIN COVER RIDGE
CAP AT ANY POINT
AS PER E2 AS1 AND NZMRM

WALL FRAMING

ROOF FRAMING

MIN. 75mm
AS PER E2 AS1

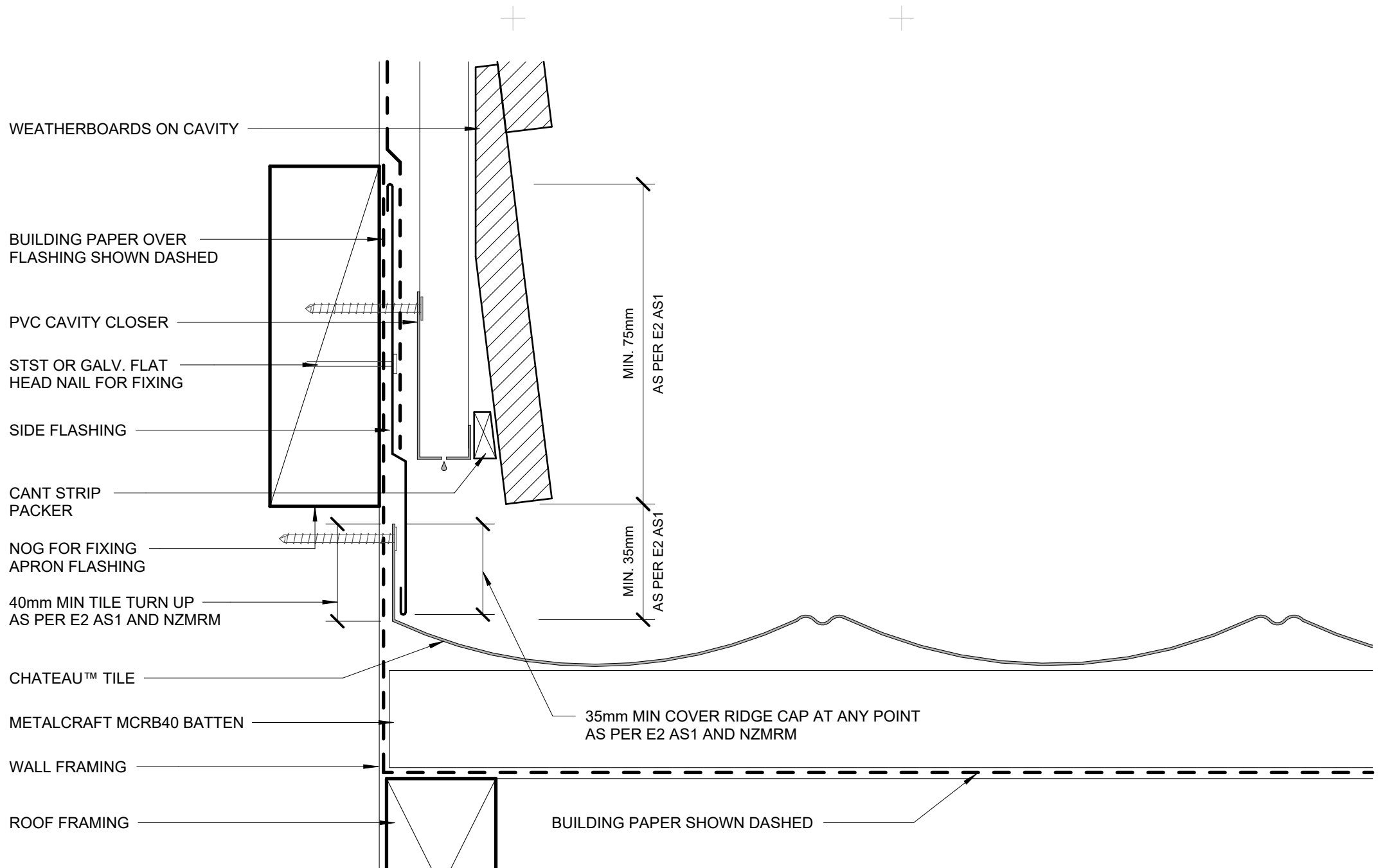
MIN. 35mm
AS PER E2 AS1

12.00°

CHATEAU™ TILE

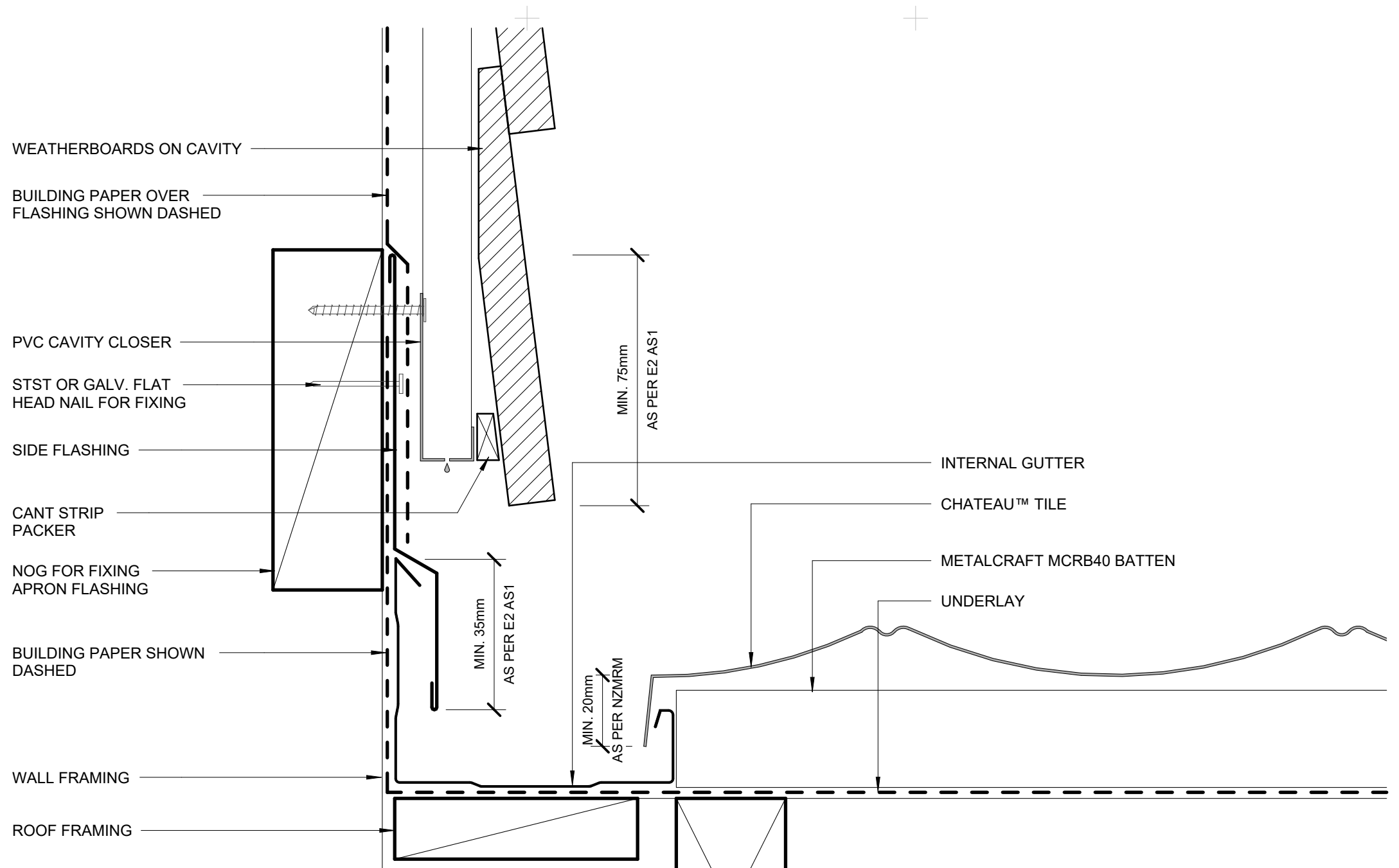
METALCRAFT MCRB40 BATTEN

BUILDING PAPER SHOWN
DASHED



DISCLAIMER:
 All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice, E2 and all other relevant building codes.
 Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.

SIDE FLASHING



WEATHERBOARDS ON CAVITY

BUILDING PAPER OVER
FLASHING SHOWN DASHED

PVC CAVITY CLOSER

STST OR GALV. FLAT
HEAD NAIL FOR FIXING

SIDE FLASHING

CANT STRIP
PACKER

NOG FOR FIXING
APRON FLASHING

BUILDING PAPER SHOWN
DASHED

WALL FRAMING

ROOF FRAMING

MIN. 75mm
AS PER E2 AS1

MIN. 35mm
AS PER E2 AS1

MIN. 20mm
AS PER NZMRM

INTERNAL GUTTER

CHATEAU™ TILE

METALCRAFT MCRB40 BATTEN

UNDERLAY