

RESIDENTIAL RT7 SHEET LIST

Detail Number: RI-RRTOOA

Date drawn: 07/07/2017

RESIDENTIAL RT7 SHEET LIST		
Sheet Number	Type	Sheet Name
RT7		
RI-RRT00A	RESIDENTIAL RT7	RESIDENTIAL RT7 SHEET LIST
RI-RRT00B	RESIDENTIAL RT7	PROFILES & ACCESSORIES
RI-RRT00C	RESIDENTIAL RT7	PROFILE SUMMARY - RT7
RI-RRTR000A	RESIDENTIAL RT7 ROOFING	TYPICAL TRUSS ROOF
RI-RRTR000B	RESIDENTIAL RT7 ROOFING	TYPICAL RAFTER / SLOPING CEILING ROOF
RI-RRTR000C	RESIDENTIAL RT7 ROOFING	TYPICAL EXPOSED RAFTER ROOF
RI-RRTR001A	RESIDENTIAL RT7 ROOFING	BARGE DETAIL (KICK OUT)
RI-RRTR001B	RESIDENTIAL RT7 ROOFING	BARGE DETAIL (BIRDS BEAK)
RI-RRTR002A	RESIDENTIAL RT7 ROOFING	HEAD BARGE DETAIL (KICK OUT)
RI-RRTR002B	RESIDENTIAL RT7 ROOFING	HEAD BARGE DETAIL (BIRDS BEAK)
RI-RRTR003A	RESIDENTIAL RT7 ROOFING	CHANGE IN PITCH
RI-RRTR004A	RESIDENTIAL RT7 ROOFING	GUTTER APRON
RI-RRTR005A	RESIDENTIAL RT7 ROOFING	RIDGE AND HIP FLASHING (ROLL TOP)
RI-RRTR005B	RESIDENTIAL RT7 ROOFING	RIDGE AND HIP FLASHING (SQUARE TOP)
RI-RRTR006A	RESIDENTIAL RT7 ROOFING	VALLEY DETAIL (E2/AS1 COMPLIANCE)
RI-RRTR006B	RESIDENTIAL RT7 ROOFING	VALLEY DETAIL (NZ METAL ROOF & WALL CLADDING (CODE OF PRACTICE COMPLIANCE))
RI-RRTR007A	RESIDENTIAL RT7 ROOFING	INTERNAL GUTTER
RI-RRTR008A	RESIDENTIAL RT7 ROOFING	FIXINGS AND SHEET LAP
RI-RRTR009A	RESIDENTIAL RT7 ROOFING	RIDGE - HIP FLASHING DETAIL
RI-RRTR010A	RESIDENTIAL RT7 ROOFING	PARALLEL APRON FLASHING (NON CAVITY)
RI-RRTR010B	RESIDENTIAL RT7 ROOFING	PARALLEL APRON FLASHING (CAVITY)
RI-RRTR010C	RESIDENTIAL RT7 ROOFING	PARALLEL APRON FLASHING (HORIZ RT7 ON CAVITY)
RI-RRTR010D	RESIDENTIAL RT7 ROOFING	PARALLEL APRON 2 PIECE FLASHING (CAVITY)
RI-RRTR011A	RESIDENTIAL RT7 ROOFING	APRON FLASHING (NON CAVITY)
RI-RRTR011B	RESIDENTIAL RT7 ROOFING	APRON FLASHING (CAVITY)
RI-RRTR011C	RESIDENTIAL RT7 ROOFING	APRON FLASHING (HORIZ RIBLINE ON CAVITY)
RI-RRTR011D	RESIDENTIAL RT7 ROOFING	APRON 2 PIECE FLASHING (CAVITY)
RI-RRTR012A	RESIDENTIAL RT7 ROOFING	PARALLEL HIDDEN OR OBTUSE GUTTER (NON CAVITY)
RI-RRTR012B	RESIDENTIAL RT7 ROOFING	PARALLEL HIDDEN OR OBTUSE GUTTER (CAVITY)
RI-RRTR012C	RESIDENTIAL RT7 ROOFING	PARALLEL HIDDEN OR OBTUSE 2 PIECE GUTTER (CAVITY)
RI-RRTR013A	RESIDENTIAL RT7 ROOFING	MANSARD / EXTERNAL CHANGE IN PITCH FLASHING
RI-RRTR014A	RESIDENTIAL RT7 ROOFING	EPDM FLASHING FOR UP TO 85mm DIA PIPE
RI-RRTR015A	RESIDENTIAL RT7 ROOFING	UNDER RIDGE / APRON SOAKER FLASHING FOR PIPE / CHIMNEY PENETRATION UP TO 500mm DIA.
RI-RRTR015B	RESIDENTIAL RT7 ROOFING	SOAKER FLASHING FOR PIPE / CHIMNEY PENETRATION (85-500mm DIA, MID ROOF)
RI-RRTR016A	RESIDENTIAL RT7 ROOFING	UNDER RIDGE / APRON CHIMNEY FLASHING
RI-RRTR016B	RESIDENTIAL RT7 ROOFING	CHIMNEY FLASHING, MID ROOF
RI-RRTR016C	RESIDENTIAL RT7 ROOFING	CHIMNEY FLASHING, MID ROOF
RI-RRTR016D	RESIDENTIAL RT7 ROOFING	SKYLIGHT FLASHING
RI-RRTR016E	RESIDENTIAL RT7 ROOFING	LEVEL SOAKER CURB FLASHING
RI-RRTR025A	RESIDENTIAL RT7 ROOFING	RIDGE / BARGE JUNCTION
RI-RRTR026A	RESIDENTIAL RT7 ROOFING	INTERNAL BARGE FLASHING
RI-RRTR027A	RESIDENTIAL RT7 ROOFING	PARALLEL APRON DIVERTER JUNCTION
RI-RRTR028A	RESIDENTIAL RT7 ROOFING	RAKING INTERNAL GUTTER
RI-RRTR030A	RESIDENTIAL RT7 ROOFING	ROOFING INDUSTRIES GUTTER OPTIONS QUARTER & 1/2 ROUND FOR TIMBER FASCIA
RI-RRTR030B	RESIDENTIAL RT7 ROOFING	ROOFING INDUSTRIES GUTTER OPTIONS 125 BOX GUTTER & OLD GOTHIC FOR TIMBER FASCIA
RI-RRTW001A-1	RESIDENTIAL RT7 WALL CLADDING	BARGE DETAIL FOR VERTICAL CLADDING ON CAVITY (KICK OUT)
RI-RRTW001B-1	RESIDENTIAL RT7 WALL CLADDING	BARGE DETAIL FOR VERTICAL CLADDING ON CAVITY (BIRDS BEAK)
RI-RRTW002A-1	RESIDENTIAL RT7 WALL CLADDING	HEAD BARGE FOR VERTICAL CLADDING ON CAVITY ON CAVITY (KICK OUT)
RI-RRTW002B-1	RESIDENTIAL RT7 WALL CLADDING	HEAD BARGE FOR VERTICAL CLADDING ON CAVITY (BIRDS BEAK)
RI-RRTW003A-1	RESIDENTIAL RT7 WALL CLADDING	STANDARD EXTERNAL CORNER FOR VERTICAL CLADDING ON CAVITY
RI-RRTW003B-1	RESIDENTIAL RT7 WALL CLADDING	EXTERNAL CORNER FOR VERTICAL CLADDING ON CAVITY WITH CLADDING CHANGE
RI-RRTW004A-1	RESIDENTIAL RT7 WALL CLADDING	STANDARD INTERNAL CORNER FOR VERTICAL CLADDING ON CAVITY
RI-RRTW004B-1	RESIDENTIAL RT7 WALL CLADDING	INTERNAL CORNER FOR VERTICAL CLADDING WITH CLADDING CHANGE
RI-RRTW005A-1	RESIDENTIAL RT7 WALL CLADDING	BOTTOM OF CLADDING FOR VERTICAL RIBLINE ON CAVITY
RI-RRTW006A-1	RESIDENTIAL RT7 WALL CLADDING	SOFFIT FLASHING FOR VERTICAL RIBLINE ON CAVITY
RI-RRTW007A-1	RESIDENTIAL RT7 WALL CLADDING	SLOPING SOFFIT FLASHING FOR VERTICAL RIBLINE ON CAVITY
RI-RRTW009A-1	RESIDENTIAL RT7 WALL CLADDING	VERTICAL BUTT JOINT - VERTICAL CLADDING ON CAVITY WITH CLADDING CHANGE (DIRECT FIXED)
RI-RRTW009B-1	RESIDENTIAL RT7 WALL CLADDING	VERTICAL BUTT JOINT - VERTICAL CLADDING ON CAVITY WITH CLADDING CHANGE (CAVITY)
RI-RRTW010A-1	RESIDENTIAL RT7 WALL CLADDING	VERTICAL CLADDING ON CAVITY JUNCTION FLASHING
RI-RRTW011A-1	RESIDENTIAL RT7 WALL CLADDING	BALUSTRADE FOR VERTICAL CLADDING ON CAVITY
RI-RRTW012A-1	RESIDENTIAL RT7 WALL CLADDING	HEAD FLASHING FOR VERTICAL CLADDING ON CAVITY (RECESSED WINDOW/DOOR)
RI-RRTW012B-1	RESIDENTIAL RT7 WALL CLADDING	JAMB FLASHING FOR VERTICAL CLADDING ON CAVITY. (RECESSED WINDOW/DOOR)
RI-RRTW012C-1	RESIDENTIAL RT7 WALL CLADDING	SILL FLASHING FOR VERTICAL CLADDING ON CAVITY. (RECESSED WINDOW/DOOR)
RI-RRTW015A-1	RESIDENTIAL RT7 WALL CLADDING	METER BOX HEAD FLASHING FOR VERTICAL CLADDING ON CAVITY
RI-RRTW016A-1	RESIDENTIAL RT7 WALL CLADDING	METER BOX SIDE FLASHING FOR VERTICAL CLADDING ON CAVITY
RI-RRTW017A-1	RESIDENTIAL RT7 WALL CLADDING	METER BOX BASE FLASHING FOR VERTICAL CLADDING ON CAVITY
RI-RRTW021A	RESIDENTIAL RT7 WALL CLADDING	BARGE DETAIL FOR HORIZONTAL CLADDING (KICK OUT)

RESIDENTIAL RT7 SHEET LIST		
Sheet Number	Type	Sheet Name
RI-RRTW021B	RESIDENTIAL RT7 WALL CLADDING	BARGE DETAIL FOR HORIZONTAL CLADDING (BIRDS BEAK)
RI-RRTW023A	RESIDENTIAL RT7 WALL CLADDING	EXTERNAL CORNER FLASHING FOR HORIZONTAL CLADDING
RI-RRTW023B	RESIDENTIAL RT7 WALL CLADDING	ALTERNATIVE EXTERNAL CORNER FLASHING FOR HORIZONTAL CLADDING
RI-RRTW024A	RESIDENTIAL RT7 WALL CLADDING	INTERNAL CORNER FLASHING FOR HORIZONTAL CLADDING
RI-RRTW024B	RESIDENTIAL RT7 WALL CLADDING	ALTERNATIVE INTERNAL CORNER FLASHING FOR HORIZONTAL CLADDING
RI-RRTW025A	RESIDENTIAL RT7 WALL CLADDING	BOTTOM OF CLADDING FOR HORIZONTAL RIBLINE
RI-RRTW026A	RESIDENTIAL RT7 WALL CLADDING	SOFFIT FLASHING FOR HORIZONTAL RIBLINE
RI-RRTW027A	RESIDENTIAL RT7 WALL CLADDING	SLOPING SOFFIT FLASHING FOR HORIZONTAL RIBLINE
RI-RRTW028A	RESIDENTIAL RT7 WALL CLADDING	VERTICAL BUTT JOINT FOR HORIZONTAL CLADDING
RI-RRTW028B	RESIDENTIAL RT7 WALL CLADDING	VERTICAL BUTT JOINT FOR HORIZONTAL CLADDING, OPT 2
RI-RRTW029A	RESIDENTIAL RT7 WALL CLADDING	VERTICAL BUTT JOINT FOR HORIZONTAL CLADDING TO ALTERNATIVE CLADDING (UP TO 25MM)
RI-RRTW030A	RESIDENTIAL RT7 WALL CLADDING	HORIZONTAL CLADDING JUNCTION FLASHING
RI-RRTW031A	RESIDENTIAL RT7 WALL CLADDING	BALUSTRADE FOR HORIZONTAL CLADDING
RI-RRTW032A	RESIDENTIAL RT7 WALL CLADDING	HEAD FLASHING FOR HORIZONTAL CLADDING (RECESSED WINDOW/DOOR)
RI-RRTW032B	RESIDENTIAL RT7 WALL CLADDING	JAMB FLASHING FOR HORIZONTAL CLADDING (RECESSED WINDOW/DOOR)
RI-RRTW032C	RESIDENTIAL RT7 WALL CLADDING	SILL FLASHING FOR HORIZONTAL CLADDING (RECESSED WINDOW/DOOR)
RI-RRTW040A	RESIDENTIAL RT7 WALL CLADDING	METER BOX HEAD FLASHING FOR HORIZONTAL CLADDING
RI-RRTW041A	RESIDENTIAL RT7 WALL CLADDING	METER BOX SIDE FLASHING FOR HORIZONTAL CLADDING
RI-RRTW042A	RESIDENTIAL RT7 WALL CLADDING	METER BOX BASE FLASHING FOR HORIZONTAL CLADDING

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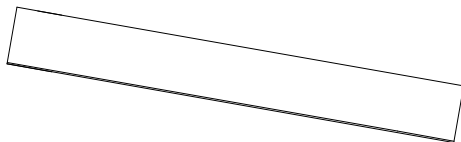
RESIDENTIAL RT7 PROFILES & ACCESSORIES

Detail Number: RI-RRTOOB

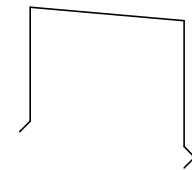
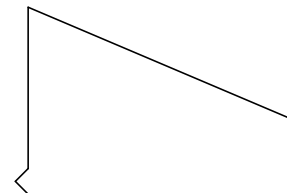
Date drawn: 07/07/2017

Scale: 1 : 5@ A4

ROOFING INDUSTRIES 'RT7'

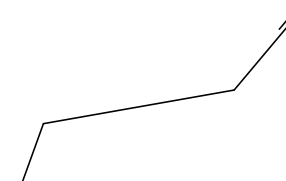


ROOFING INDUSTRIES BARGE FLASHING

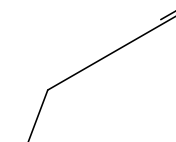


ROOFING INDUSTRIES BARGE/PARAPET CAPPING

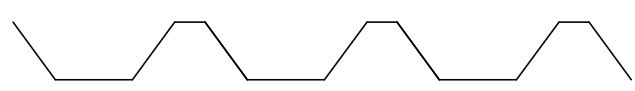
ROOFING INDUSTRIES CHANGE IN PITCH FLASHING



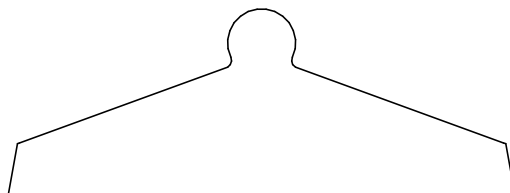
ROOFING INDUSTRIES GUTTER APRON FLASHING



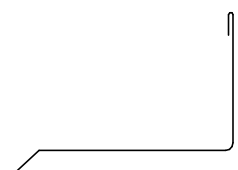
ROOFING INDUSTRIES 'RT7'



ROOFING INDUSTRIES RIDGE FLASHING



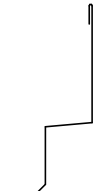
ROOFING INDUSTRIES APRON FLASHING



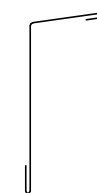
HEAD FLASHING



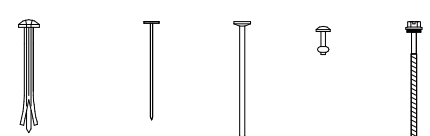
ROOFING INDUSTRIES COVER FLASHING



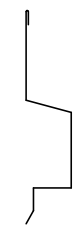
ROOFING INDUSTRIES SOFFIT FLASHING



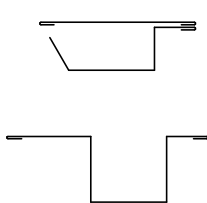
FIXINGS



HEAD FLASHING



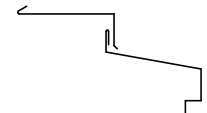
JAMB FLASHING



ALTERNATE JAMB FLASHING



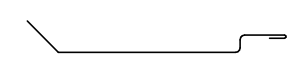
SILL FLASHING



ROOFING INDUSTRIES METER BOX BASE FLASHING



ROOFING INDUSTRIES CLADDING CHANGE/JAMB FLASHING



CAVITY CLOSER



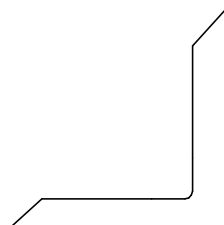
METAL ANGLE



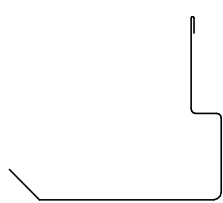
ROOFING INDUSTRIES CORNER FLASHING



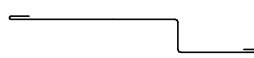
ROOFING INDUSTRIES INTERNAL CORNER



ROOFING INDUSTRIES EXTERNAL CORNER



ROOFING INDUSTRIES VERTICAL BUTT JOINT FLASHING



ROOFING INDUSTRIES CLADDING BASE FLASHING



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RESIDENTIAL RT7

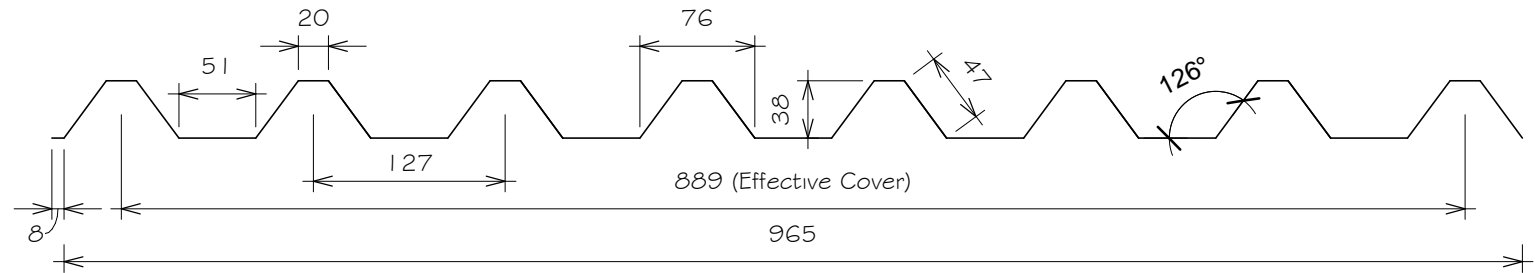
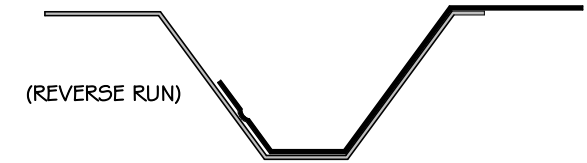
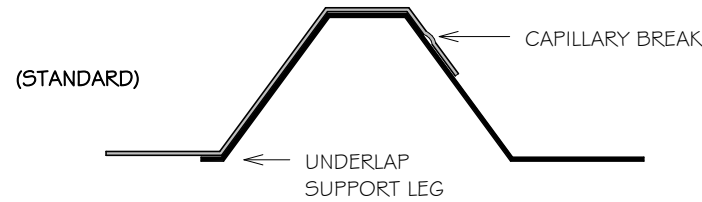
PROFILE SUMMARY - RT7

Detail Number: RI-RRTOOC

Date drawn: 07/07/2017

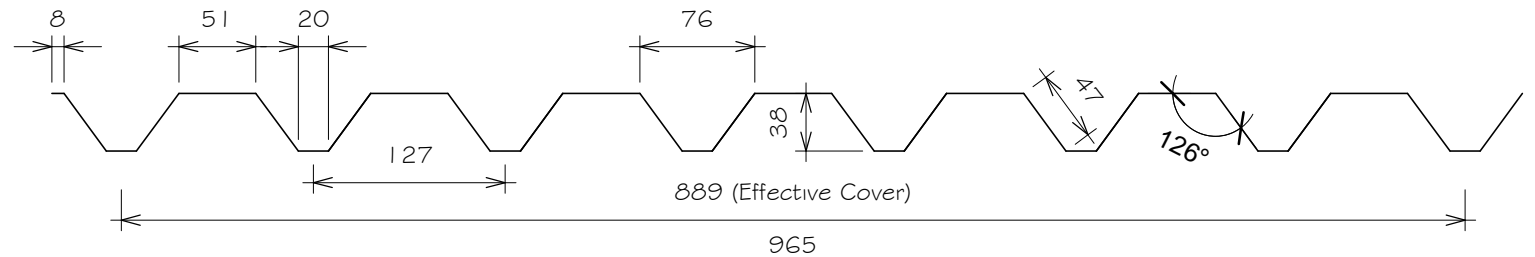
Scale: As indicated@ A4

RT7 Lap



RT7

(Roofing and wall cladding)



RT7 Reverse Run

(Wall cladding only)

Minimum Pitch

The minimum roof pitch for RT7 is 3 degrees (approx 1:20).

When a combination of sheets provide a run of in excess of 40 metres and up to 60 metres the roof pitch should be increased by 1 degree. Longer lengths require specific design.

When rainfall intensity exceeds 100mm/hour the minimum pitches need to be increased by a further 1 degree for every 10 metres of run over 40 metres

The building design pitch may need to be higher to take into account any cumulative deflections of the frame, purlin and roof sheeting or penetrations.

For curved cladding the roof cladding must not terminate at a pitch lower than permitted above.

Side laps of curved sheets must be sealed to any areas below the minimum pitches permitted above.

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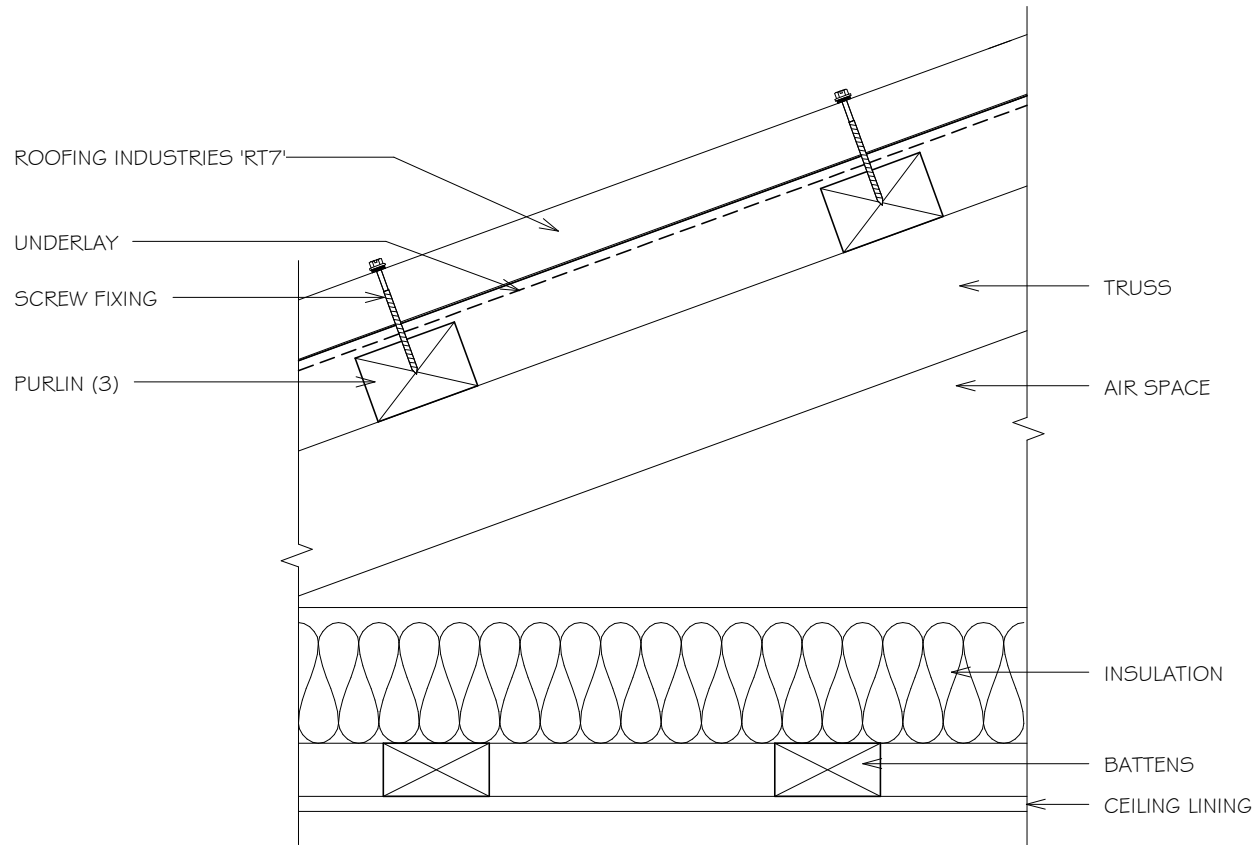
RESIDENTIAL RT7 ROOFING

TYPICAL TRUSS ROOF

Detail Number: RI-RRTRO00A

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



NOTE:

1. MINIMUM PITCH 3°.
2. VENTILATION OF ATTIC / ROOF SPACE MAY BE REQUIRED. REFER TO MRM CODE OF PRACTICE.
3. VENTILATED/CASTELLATED PURLIN MAY BE USED

NOTES:

- These details are generally in compliance with E2/AS1 and/or the NZ Metal Roof & Wall Cladding Code of Practice and in some cases specific details by 'Roofing Industries'.
- The building designer is ultimately responsible to ensure that details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure including cavity battens are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Underlay selection and building wrap types are the responsibility of the designer, Netting or other support is generally required at roof pitches less than 8 degrees combined with a self supporting paper. At roof pitches of 8° and above where non self supporting paper is used or purlin spacing is in excess of self supporting criteria, netting or other support should be used. Alternative support to netting should be used in severe coastal environments including when aluminium is used.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
- This drawing is the copyright of 'Roofing Industries' and can only be copied or reproduced with their permission.
- These details to be read with Roofing Industries profile technical summary regarding wind loads and fixings.
- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz OR NZBC clause E2/AS1.

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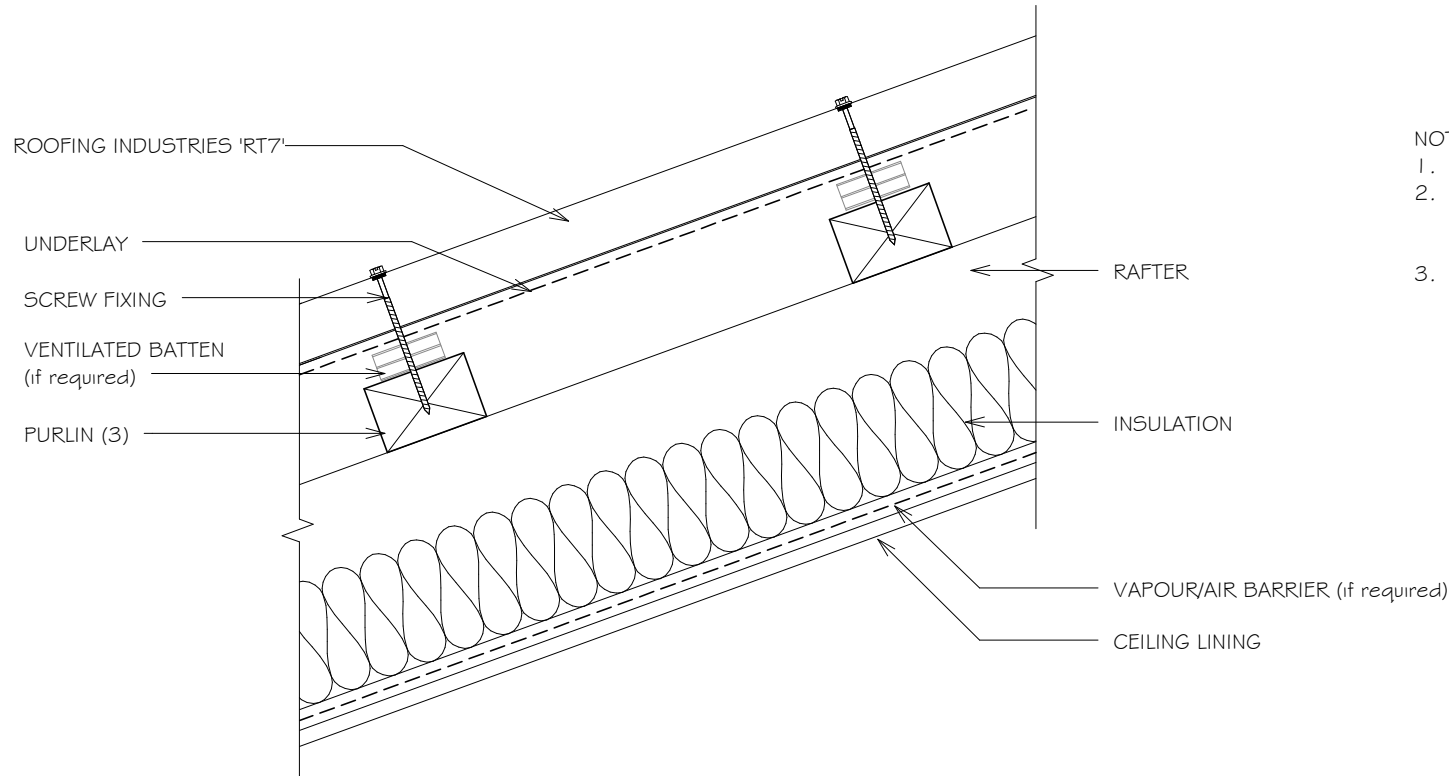
RESIDENTIAL RT7 ROOFING

TYPICAL RAFTER / SLOPING CEILING ROOF

Detail Number: RI-RRTR000B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTE:

1. MINIMUM PITCH 3°.
2. VENTILATION OF ATTIC / ROOF SPACE MAY BE REQUIRED. REFER TO MRM CODE OF PRACTICE.
3. VENTILATED/CASTELLATED PURLIN MAY BE USED

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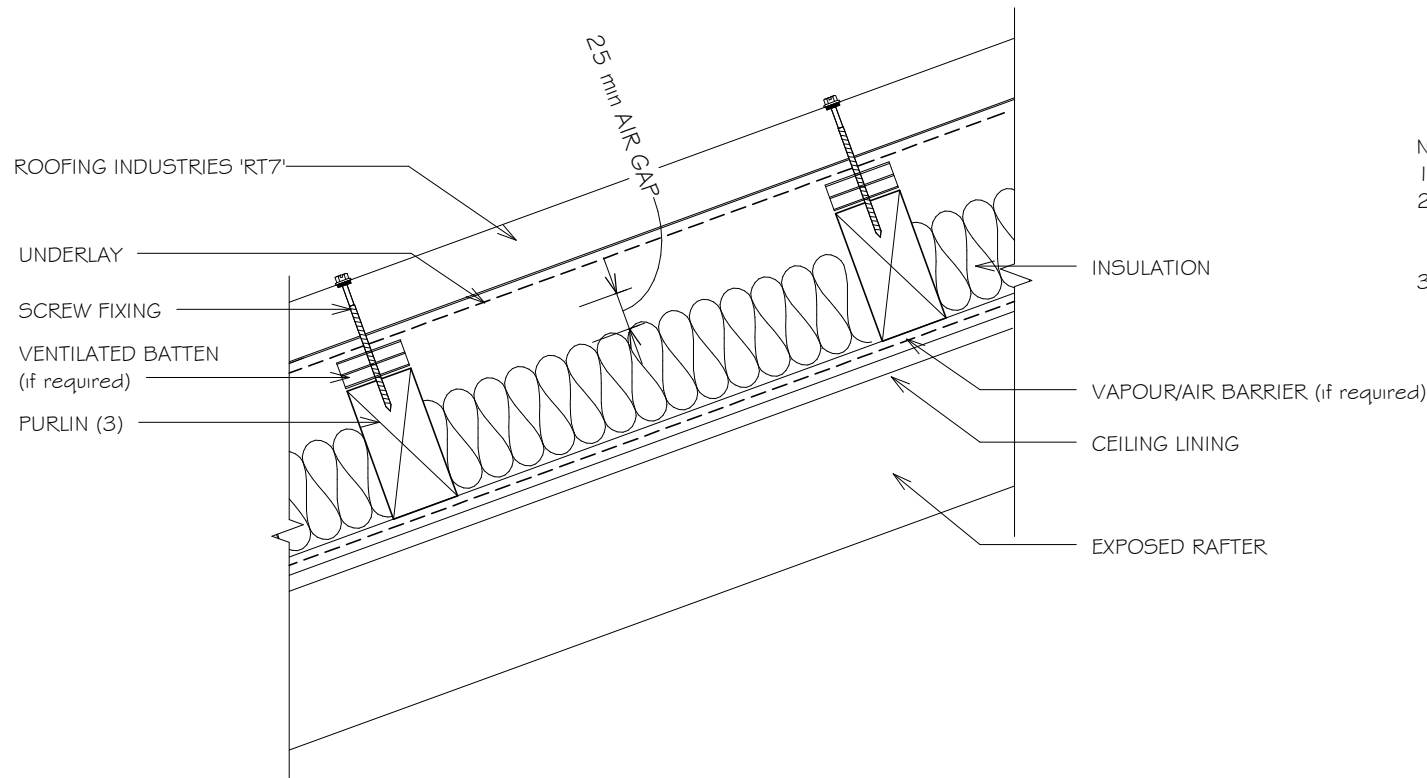
RESIDENTIAL RT7 ROOFING

TYPICAL EXPOSED RAFTER ROOF

Detail Number: RI-RRTR000C

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



NOTE:

1. MINIMUM PITCH 3°.
2. VENTILATION OF ATTIC / ROOF SPACE MAY BE REQUIRED. REFER TO MRM CODE OF PRACTICE.
3. VENTILATED/CASTELLATED PURLIN MAY BE USED

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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz OR NZBC clause E2/AS1.

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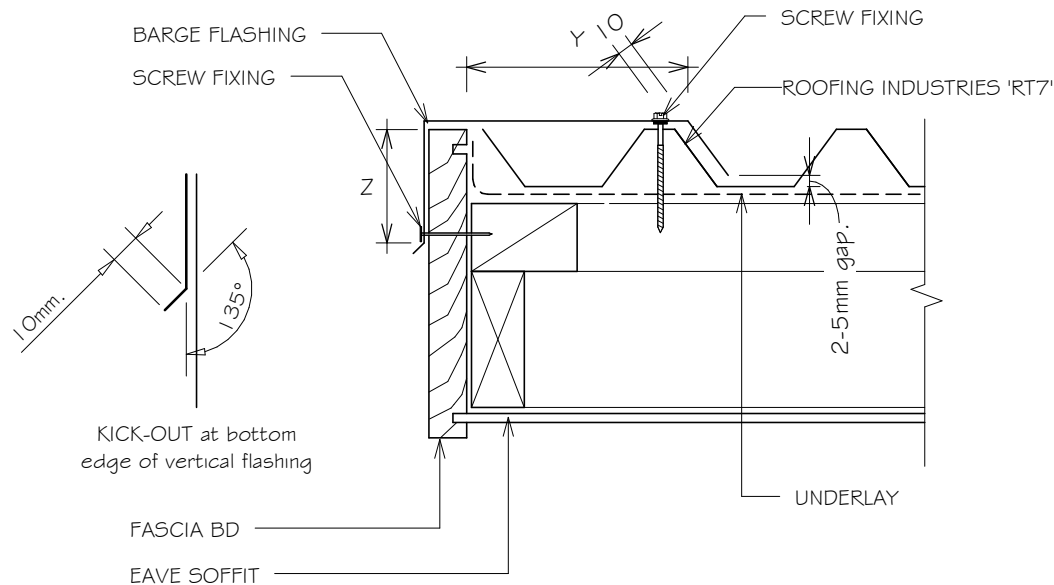


RESIDENTIAL RT7 ROOFING BARGE DETAIL (KICK OUT)

Detail Number: RI-RRTR001A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z (5)	Y
SITUATION 1 (1)	50mm (4)	2 crests
SITUATION 2 (2)	75mm (4)	2 "
SITUATION 3 (3)	90mm (4)	2 "

NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH WIND ZONES, FOR ALL LESSER WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
- SITUATION 3: FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.
- EXCLUDING DRIP EDGE.
- INCREASE DISTANCE 'Z' BY 25mm WHEN AGAINST A PROFILED SURFACE OR TO 100mm WHICHEVER IS THE LESSER.

NOTES:

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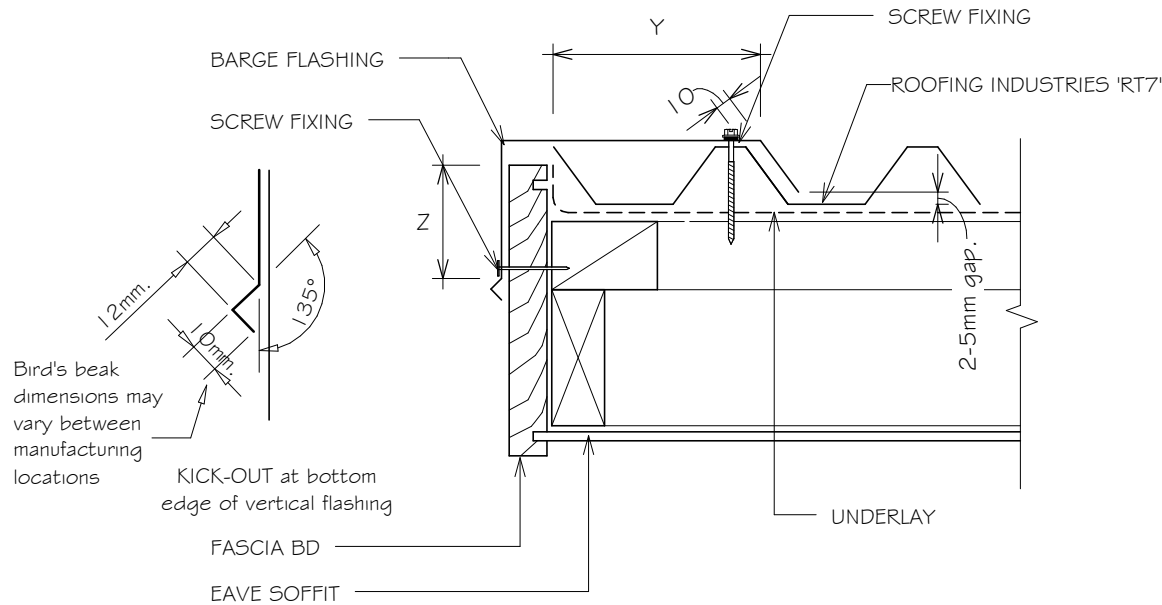


RESIDENTIAL RT7 ROOFING BARGE DETAIL (BIRDS BEAK)

Detail Number: RI-RRTR001B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z (5)	Y
SITUATION 1 (1)	50mm (4)	2 crests
SITUATION 2 (2)	75mm (4)	2 "
SITUATION 3 (3)	90mm (4)	2 "

NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH WIND ZONES, FOR ALL LESSER WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
- SITUATION 3: FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.
- EXCLUDING DRIP EDGE.
- INCREASE DISTANCE 'Z' BY 25mm WHEN AGAINST A PROFILED SURFACE OR TO 100mm WHICHEVER IS THE LESSER.

NOTES:

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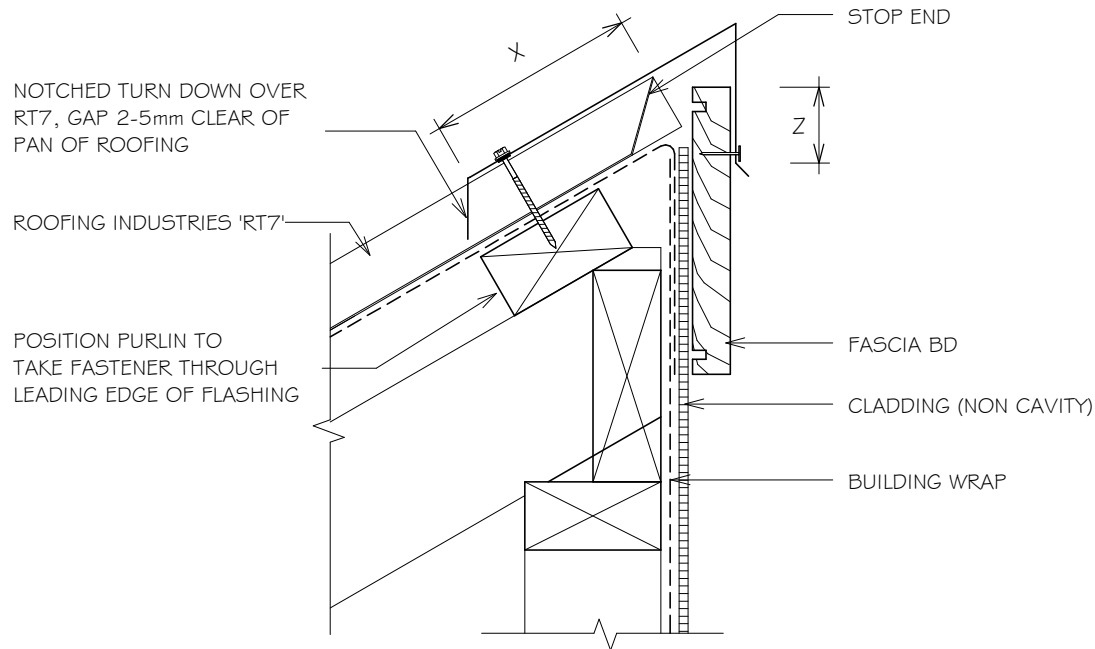


RESIDENTIAL RT7 ROOFING HEAD BARGE DETAIL (KICK OUT)

Detail Number: RI-RRTRO02A

Date drawn: 07/07/2017

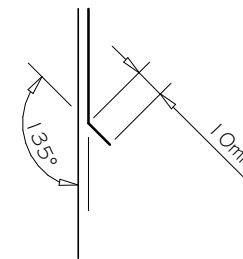
Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z ⁽⁵⁾	x
SITUATION 1 (1)	50mm (4)	150mm ⁽⁶⁾
SITUATION 2 (2)	75mm (4)	200mm ⁽⁶⁾
SITUATION 3 (3)	90mm (4)	200mm ⁽⁶⁾

NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH WIND ZONES, FOR ALL LESSER WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
- SITUATION 3: FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.
- EXCLUDING DRIP EDGE.
- INCREASE DISTANCE 'Z' BY 25mm WHEN AGAINST A PROFILED SURFACE OR TO 100mm WHICHEVER IS THE LESSER.
- EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING.



KICK-OUT at bottom edge of vertical flashing

NOTES:

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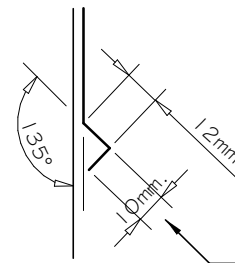
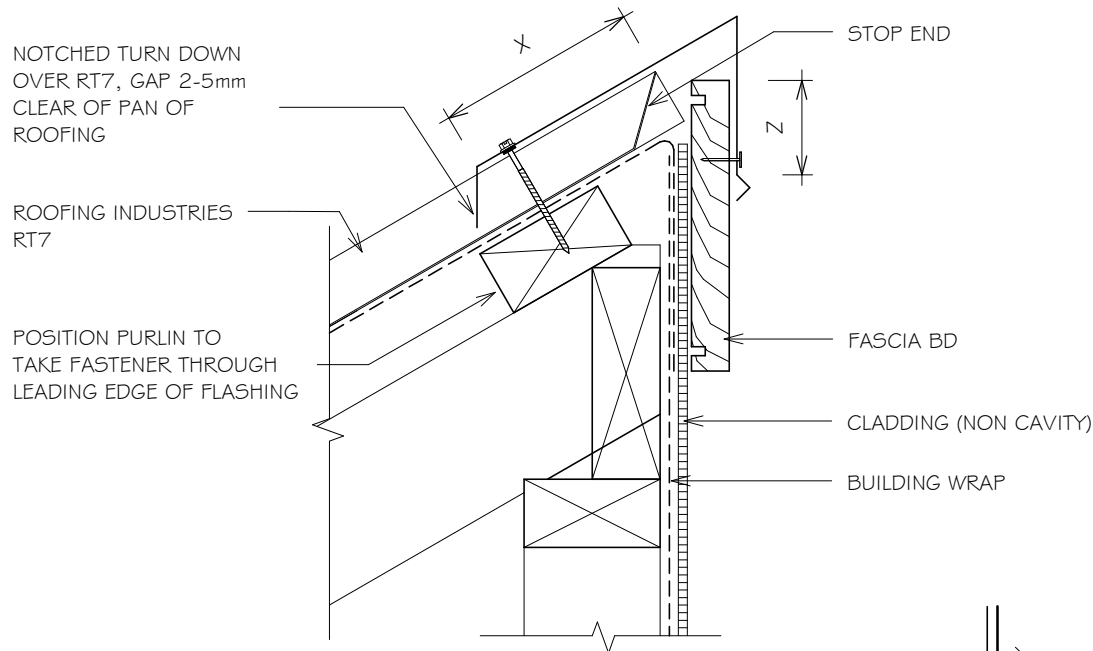


RESIDENTIAL RT7 ROOFING HEAD BARGE DETAIL (BIRDS BEAK)

Detail Number: RI-RRTR002B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



Bird's beak dimensions may vary between manufacturing locations.

SITE WIND ZONE (As per NZ53604)	MINIMUM	
	Z ⁽⁵⁾	x
SITUATION 1 (1)	50mm ⁽⁴⁾	150mm ⁽⁶⁾
SITUATION 2 (2)	75mm ⁽⁴⁾	200mm ⁽⁶⁾
SITUATION 3 (3)	90mm ⁽⁴⁾	200mm ⁽⁶⁾

NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH WIND ZONES, FOR ALL LESSER WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
- SITUATION 3: FOR ALL ROOF PITCHES IN EXTRA HIGH HIGH ZONES.
- EXCLUDING DRIP EDGE.
- INCREASE DISTANCE 'Z' BY 25mm WHEN AGAINST A PROFILED SURFACE OR TO 100mm WHICHEVER IS THE LESSER.
- EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING.

NOTES:

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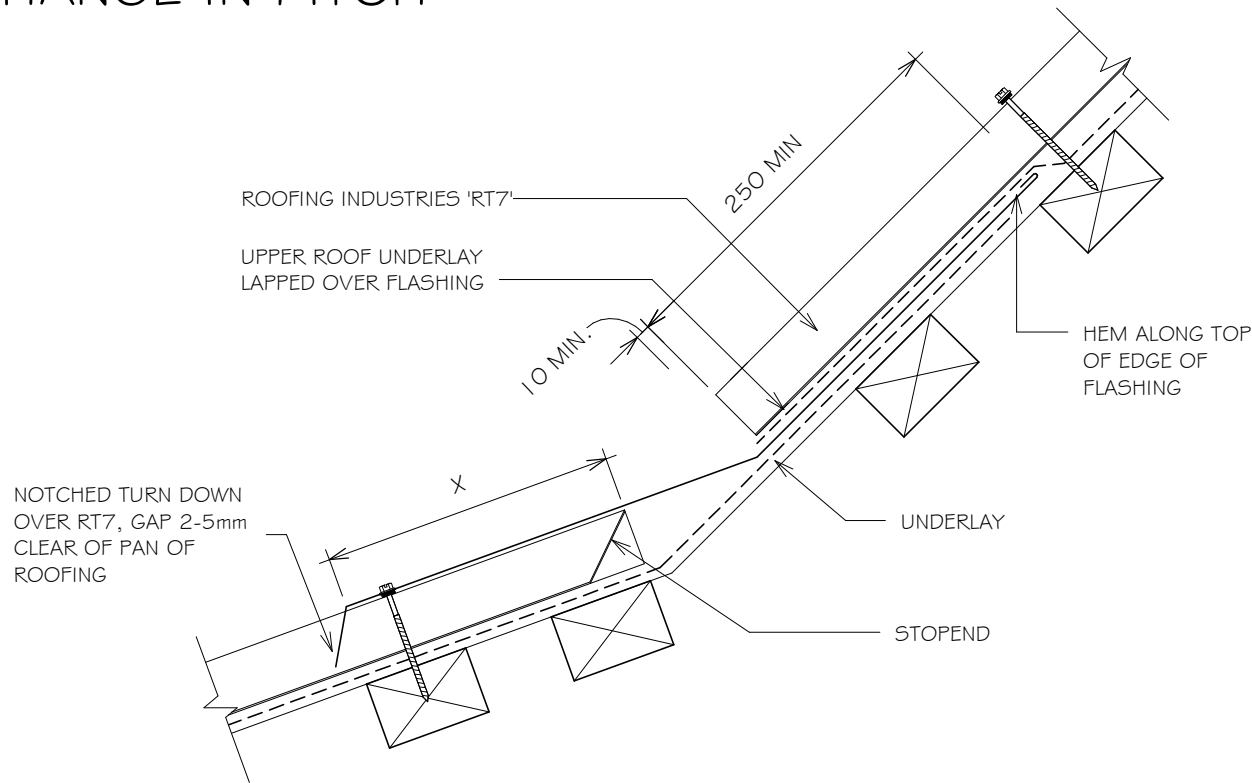


RESIDENTIAL RT7 ROOFING CHANGE IN PITCH

Detail Number: RI-RRTRO03A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MIN mm	(X)
	UPPER LAP UNDER ROOFING	TRANSVERSE FLASHING OVER ROOFING
SITUATION 1 ⁽²⁾	250 ⁽¹⁾	150 ⁽⁵⁾
SITUATION 2 ⁽³⁾	250 ⁽¹⁾	200 ⁽⁵⁾
SITUATION 3 ⁽⁴⁾	(6)	

NOTES:

- UNLESS OTHERWISE DIMENSIONED IN DETAILS
- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH WIND ONES, FOR ALL LESSOR WIND ZONES WHERE ROOF PITCH LESS THAN 10°.
- SITUATION 3: FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
- EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING.
- NOT PERMITTED UNDER E2/AS 1, REFER NZ METAL ROOF & WALL CLADDING CODE OF PRACTICE.

NOTES:

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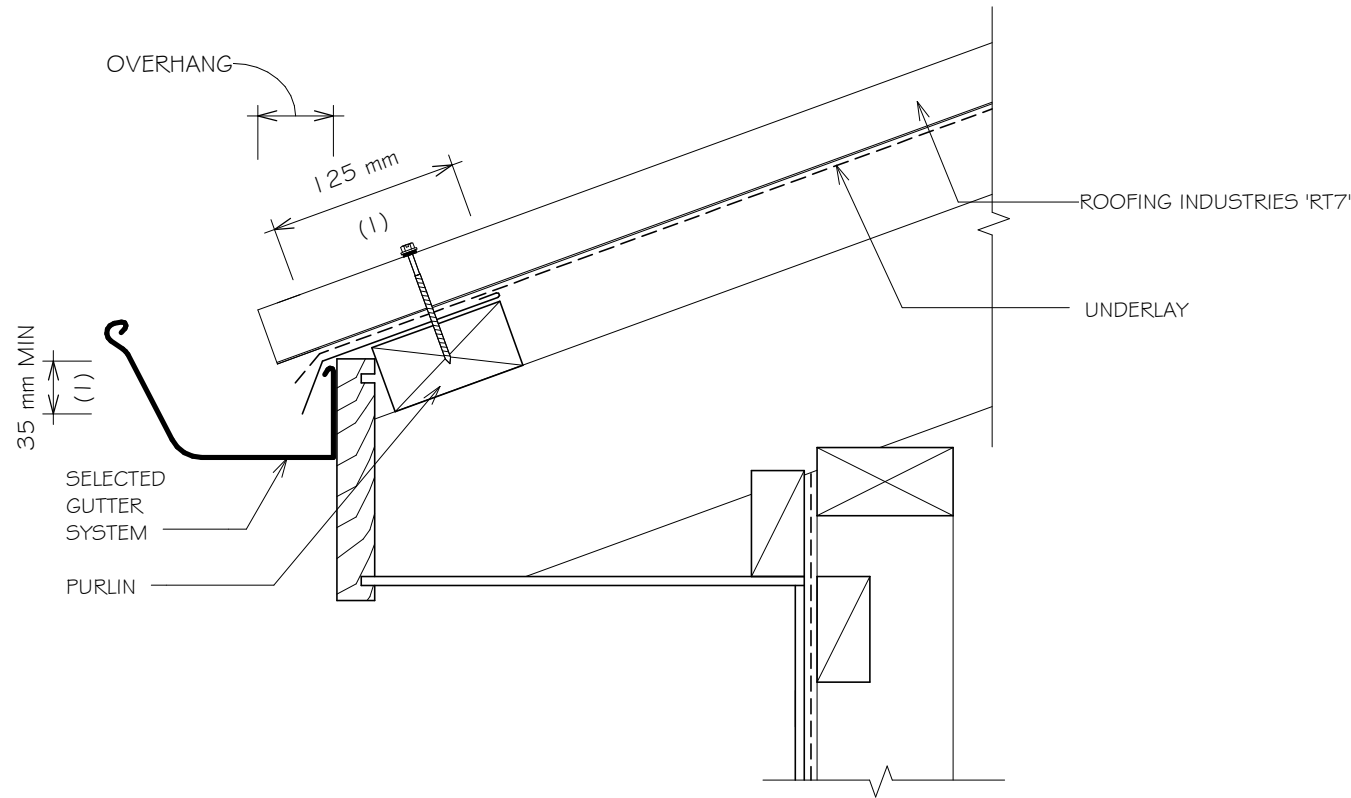


RESIDENTIAL RT7 ROOFING GUTTER APRON

Detail Number: RI-RRTR004A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. REQUIRED TO ALL ROOFS UNDER 10° WHERE ALL OF THE FOLLOWING CONDITIONS No. 2-4 ARE MET.
2. ROOFS UNDER 10° PITCH.
3. WHERE EAVES OVERHANG IS LESS THAN OR EQUAL TO 100mm.
4. WHERE WIND ZONES ARE VERY HIGH OR EXTRA HIGH.
5. ALSO RECOMMENDED IN VERY CORROSIVE ENVIRONMENTS AND WHEN SPOUTING IS LOW.
6. DESIGNER MAY ALSO CHOOSE TO INCLUDE OPTIONALLY.
7. ALL ROOF CLADDING WITH A PITCH OF LESS THAN 8 DEGREES MUST BE PROVIDED WITH TURN DOWN TO ENSURE WATER IS DIRECTED INTO GUTTER.
8. ROOF OVERHANG:

< 10 DEGREES	= 70mm
10 - 35 DEGREES	= 50mm
35 - 40 DEGREES	= 40mm

REFER TO MRM CODE OF PRACTICE.

NOTES:

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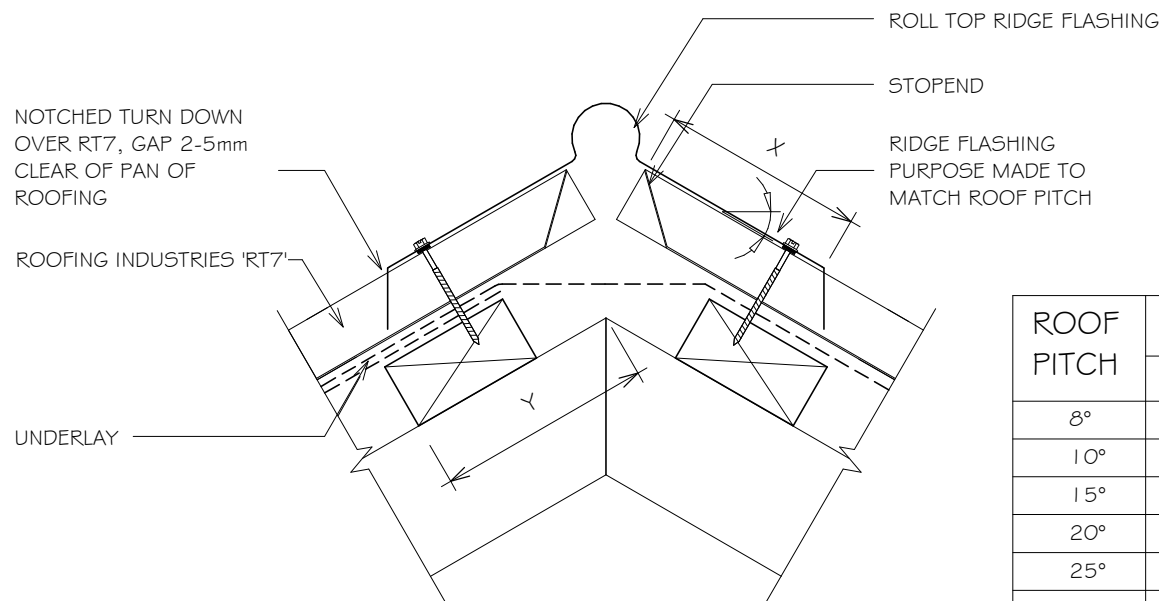
RESIDENTIAL RT7 ROOFING

RIDGE AND HIP FLASHING (ROLL TOP)

Detail Number: RI-RRTR005A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



ROOF PITCH	DISTANCE Y mm	
	SITUATION 1	SITUATION 2
8°	N/A	218
10°	167	217
15°	162	212
20°	156	206
25°	150	200
30°	143	193
35°	134	184
40°	125	175
45°	115	165

FOR STANDARD 50mm PURLINS ON FLAT

SITE WIND ZONE (As per NZS3604)	MINIMUM mm (X)
	TRANSVERSE FLASHING OVER ROOFING
SITUATION 1 ⁽¹⁾	130 ⁽³⁾
SITUATION 2 ⁽²⁾	200 ⁽³⁾

NOTES:

1. SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
2. SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH LESS THAN 10°.
3. EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING.
4. FOR VENTILATION, BUILDING PAPER MAY REQUIRE SLOTS CUT AT RIDGE LINE. REFER MRM CODE OF PRACTICE.

NOTES:

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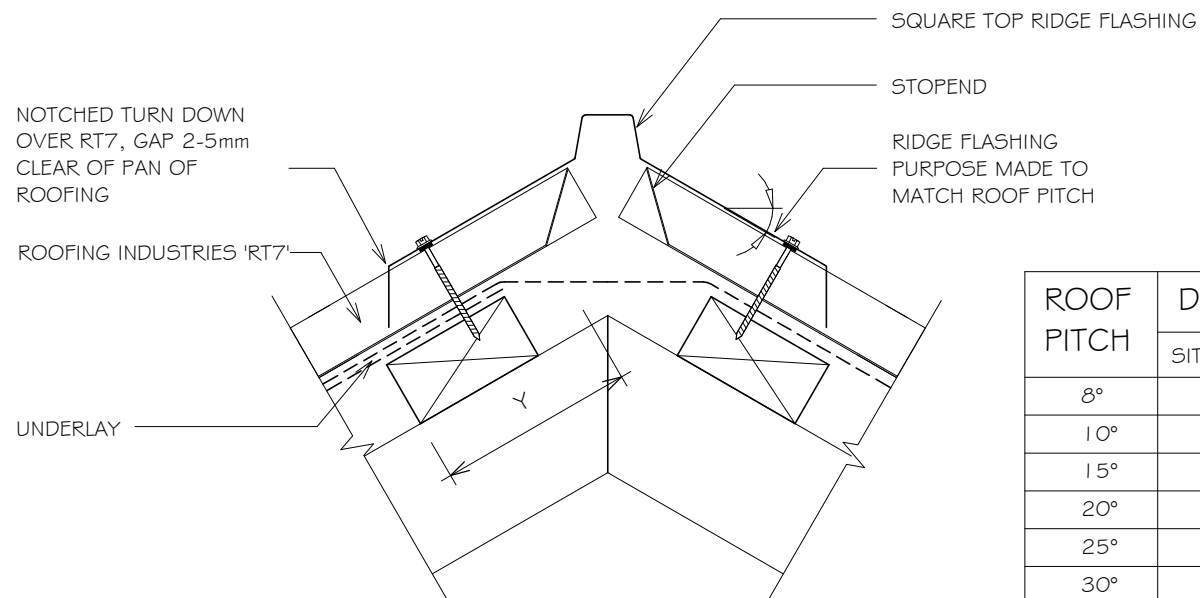
RESIDENTIAL RT7 ROOFING

RIDGE AND HIP FLASHING (SQUARE TOP)

Detail Number: RI-RRTR005B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



ROOF PITCH	DISTANCE Y mm	
	SITUATION 1	SITUATION 2
8°	N/A	218
10°	167	217
15°	162	212
20°	156	206
25°	150	200
30°	143	193
35°	134	184
40°	125	175
45°	115	165

FOR STANDARD 50mm PURLINS ON FLAT

SITE WIND ZONE (As per NZS3604)	MINIMUM mm (X)
	TRANSVERSE FLASHING OVER ROOFING
SITUATION 1 ⁽¹⁾	130 ⁽³⁾
SITUATION 2 ⁽²⁾	200 ⁽³⁾

NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH LESS THAN 10°.
- EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING.
- FOR VENTILATION, BUILDING PAPER MAY REQUIRE SLOTS CUT AT RIDGE LINE. REFER MRM CODE OF PRACTICE.

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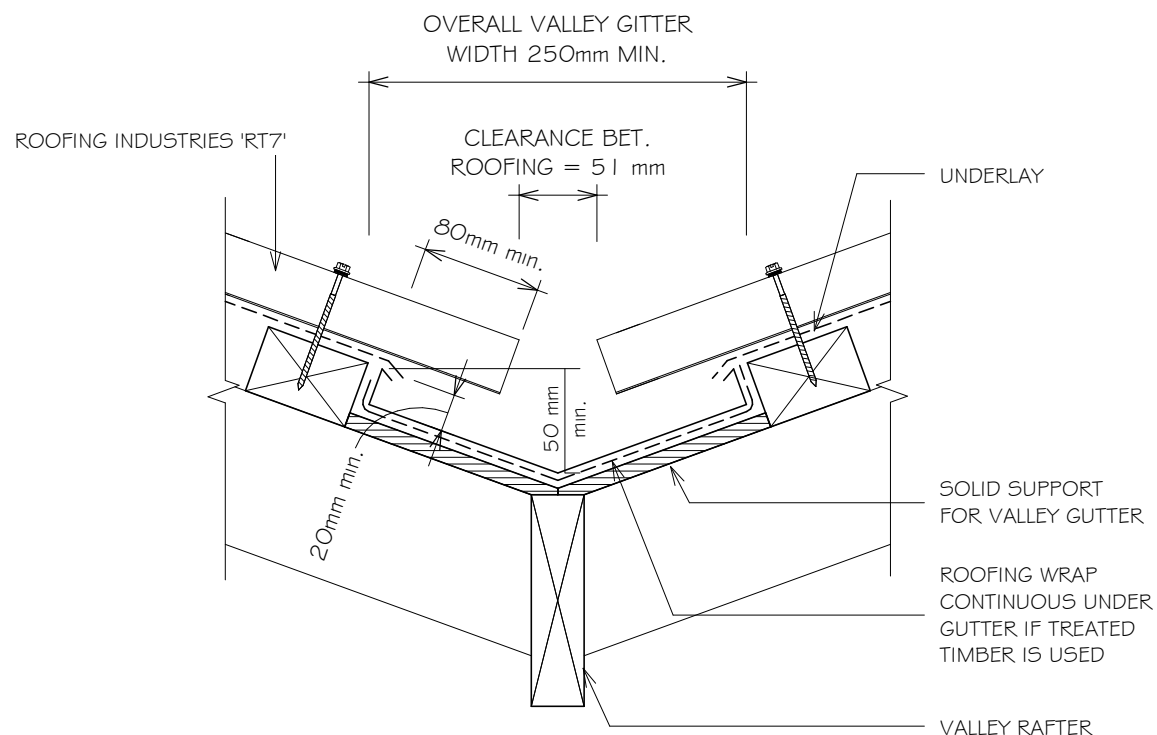


RESIDENTIAL RT7 ROOFING VALLEY DETAIL (E2/AS1 COMPLIANCE)

Detail Number: RI-RRTRO06A

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



GUTTER WIDTH	MAXIMUM CATCHMENT AREA	MIN ROOF PITCH (°)
250mm	25m ²	8°
160mm	16m ²	12.5°

NOTES:

1. GUTTERS IN ACCORDANCE WITH NEW ZEALAND BUILDING CODE RAINFALL INTENSITY WITH AVERAGE RECURRENCE INTERVAL (ARI) NO GREATER THAN 200 mm PER HOUR
2. MINIMUM WIDTH OF VALLEY GUTTER MAY REDUCE TO 160mm, PROVIDING ROOF CATCHMENT AREA IS IN ACCORDANCE WITH THE TABLE ABOVE. IN THIS CASE, COVER OF ROOF CLADDING OVER GUTTER SHALL BE REDUCED TO 60 mm TO PROVIDE A CLEARANCE GAP OF 40mm.
3. FOR ROOF PITCHES 8° OR GREATER. FOR LESSOR PITCHES USE INTERNAL GUTTER.

NOTES:

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RESIDENTIAL RT7 ROOFING

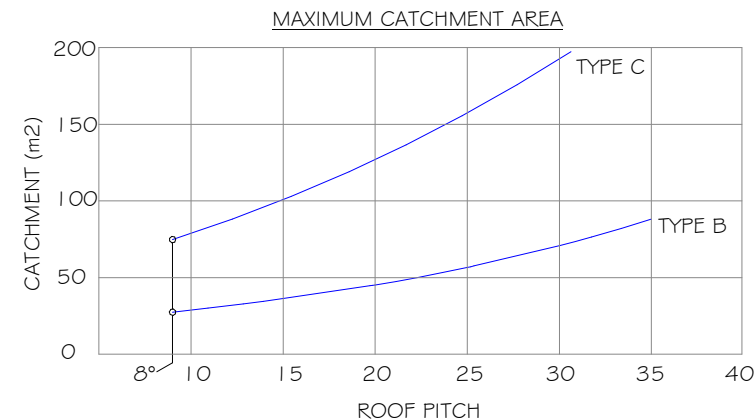
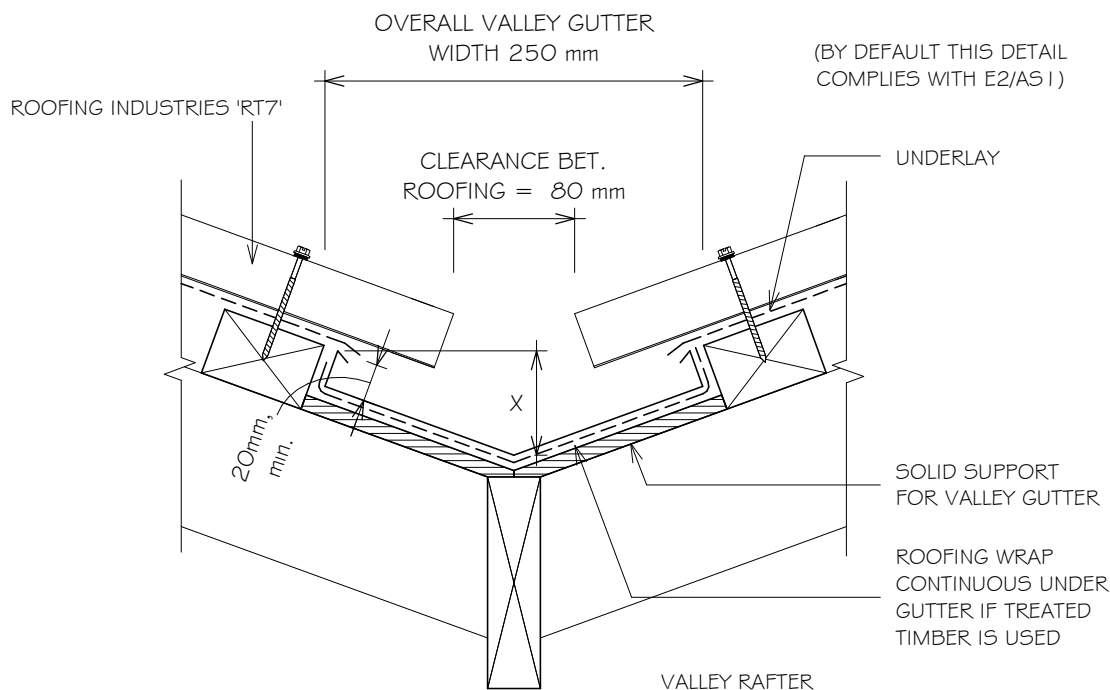
VALLEY DETAIL (NZ METAL ROOF & WALL CLADDING

(CODE OF PRACTICE COMPLIANCE)

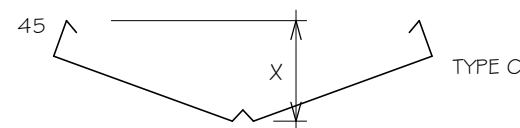
Detail Number: RI-RRTRO06B

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



VALLEY DEPTH (X)		
ROOF PITCH	TYPE B	TYPE C
8-12°	75	75
> 12-35°	50	70
> 35° (1)	50	70



NOTE:
 (1) ADDITION OF CENTRAL BAFFLE RECOMMENDED
 (2) ROOF PITCHES BELOW 8° REQUIRE AN INTERNAL GUTTER

NOTES:

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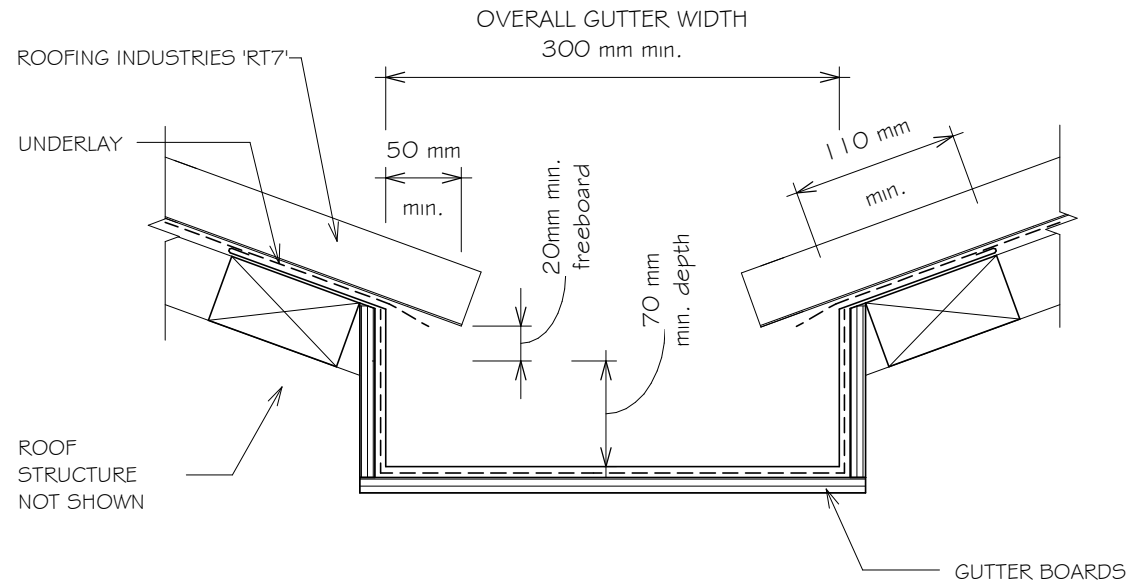


RESIDENTIAL RT7 ROOFING INTERNAL GUTTER

Detail Number: RI-RRTRO07A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. GUTTERS INSTALLED OVER ROOF UNDERLAY IF GUTTER BOARDS ARE TREATED TIMBER.
2. INTERNAL GUTTER SHALL BE SIZED TO SUIT THE ROOF CATCHMENT AREA, BUT SHALL BE NO LESS THAN SHOWN IN THIS FIGURE.
3. INTERNAL GUTTER SHOULD BE MADE FROM NONFERROUS METAL'S COMPATIBLE WITH THE ROOFING MATERIAL.
4. GUTTER SIZES TO BE CALCULATED FROM E1/AS1 OR MRM CODE OF PRACTISE.
5. HAVE A MINIMUM SLOPE OF 1:100

NOTES:

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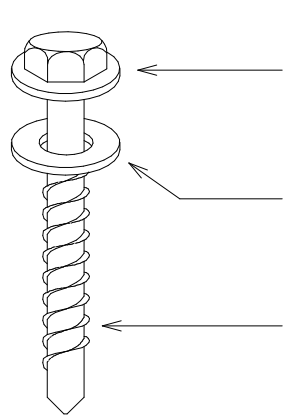


RESIDENTIAL RT7 ROOFING FIXINGS AND SHEET LAP

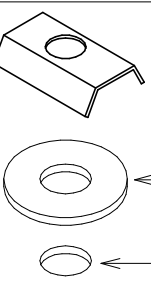
Detail Number: RI-RRTRO08A

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



ROOFING
MINIMUM 12 GAUGE 65mm LONG TIMBER TEKSCREW WITH NEO.
(USE 12x45mm STEELTEK FOR STEEL PURLINS) OR 3.8mm SPIRAL SHANK NAIL HOT DIPPED GALV TO AS/NZS 4680.
NEOPRENE WASHER



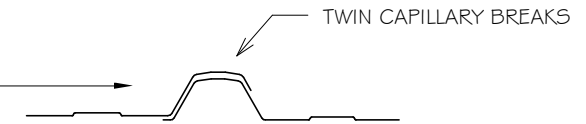
CLADDING
MINIMUM 12 GAUGE 30mm LONG TIMBER TEKSCREW WITH NEO.
(USE 12x20mm STEELTEK FOR STEEL FRAMING) WHERE CAVITY BATTENS USED SCREWS TO PENETRATE FRAMING BY A MIN OF 30mm.

PROFILE WASHER OVER EPDM WASHER
30mm NEOPRENE WASHER
OVERSIZED HOLE IN CREST OF PROFILE

WHERE REQUIRED FOR EXPANSION OR WIND UPLIFT IN ROOFING APPLICATION

TYPE OF FIXING
RT7
METAL ROOFING NTS

LINE OF SITE AND PREVAILING WEATHER DIRECTION RELATIVE TO LAPS WHERE PRACTICABLE



CORRECT WAY TO LAP SHEETS

1:5

RT7 SPACING OF FIXINGS

APPLICATION	RIDGE, HIP, VALLEY, AND GUTTER LINE, PERIPHERY ROOF AREAS	(3) REMAINDER OF ROOF
RT7 ROOFING	FIX SIDE LAPS AND FIX EVERY CREST	REFER www.roof.co.nz
RT7 WALL CLADDING	1 FIXING PER PAN ADJACENT TO EVERY SIDE LAP AND EVERY PAN.	

NOTE:

1. SCREW FIXING IS RECOMMENDED FOR RT7 PROFILES
2. AS THERE IS LESS LIKELIHOOD OF THE FIXING 'BACKING OUT' THAN WITH A NAIL.
3. FIXINGS ARE FOR STEEL BASED MATERIALS. FOR OTHER SUBSTRATES REFER TO RT7 PROFILE TECHNICAL SUMMARY
4. FOR WIND & CONCENTRATED LOAD SPAN DESIGN GRAPHS FOR OPTIONAL FIXING SELECTION & PATTERNS REFER TO RT7 PROFILE TECHNICAL SUMMARY ON www.roof.co.nz

NOTES:

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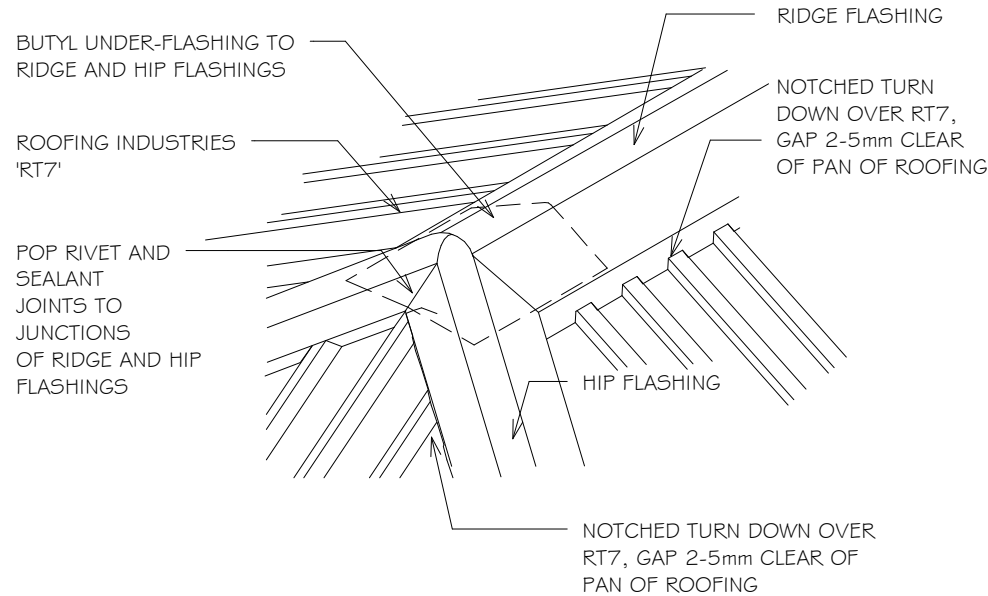
RESIDENTIAL RT7 ROOFING

RIDGE - HIP FLASHING DETAIL

Detail Number: RI-RRTRO09A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	REFER 'X' VALUE DETAIL RCRO05A # B TRANSVERSE FLASHING OVER ROOFING
SITUATION 1 ⁽¹⁾	130 ⁽³⁾
SITUATION 2 ⁽²⁾	200 ⁽³⁾

NOTES:

FLASHING COVER VARIES (REFER TO TABLE FOR RIDGE/HIP - TRANSVERSE FLASHING OVER ROOFING)

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER (X VALUE)
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH OR EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10° (X VALUE)
- FOR OTHER RIDGE TO HIP FLASHINGS REFER TO NEW ZEALAND METAL ROOF & WALL CLADDING CODE OF PRACTICE.

NOTES:

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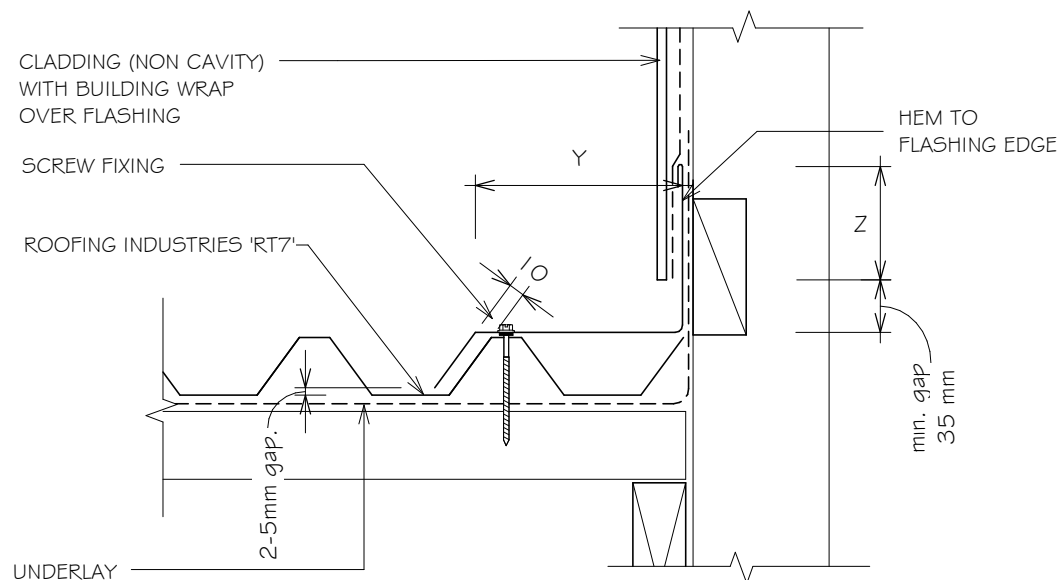


RESIDENTIAL RT7 ROOFING PARALLEL APRON FLASHING (NON CAVITY)

Detail Number: RI-RRTRO10A

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z	Y
SITUATION 1 ⁽¹⁾	75mm	2 crests
SITUATION 2 ⁽²⁾	100mm	2 "

NOTES:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

1. SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
2. SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.

NOTES:

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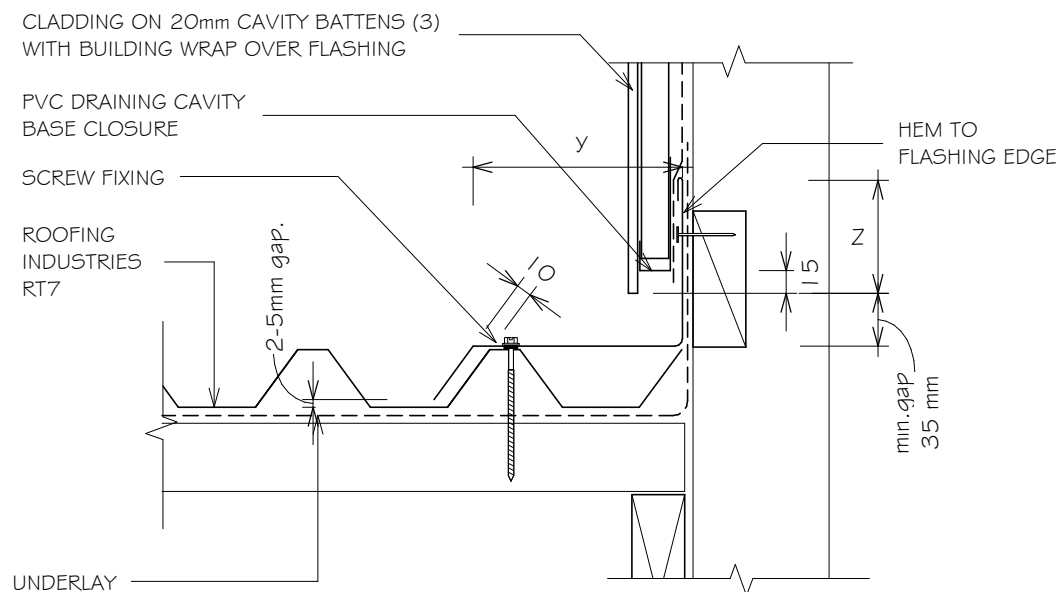


RESIDENTIAL RT7 ROOFING PARALLEL APRON FLASHING (CAVITY)

Detail Number: RI-RRTR010B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z	Y
SITUATION 1 ⁽¹⁾	75mm	2 crests
SITUATION 2 ⁽²⁾	100mm	2 "

NOTES:

- DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;
- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
 - SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
 - CAVITY BATTENS OR PACKERS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING

NOTES:

- These details are generally in compliance with E2/AS1 and/or the NZ Metal Roof & Wall Cladding Code of Practice and in some cases specific details by 'Roofing Industries'.
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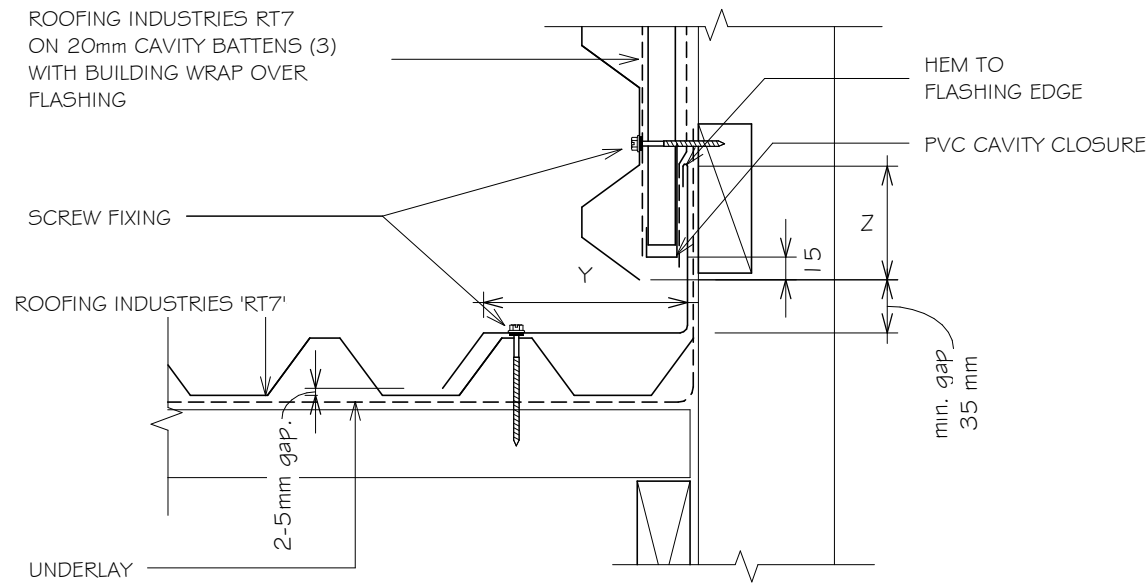


RESIDENTIAL RT7 ROOFING PARALLEL APRON FLASHING (HORIZ RT7 ON CAVITY)

Detail Number: RI-RRTR010C

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z	Y
SITUATION 1 ⁽¹⁾	75mm	2 crests
SITUATION 2 ⁽²⁾	100mm	2 "

NOTES:

- DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;
- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
 - SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
 - CAVITY BATTENS OR PACKERS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING

NOTES:

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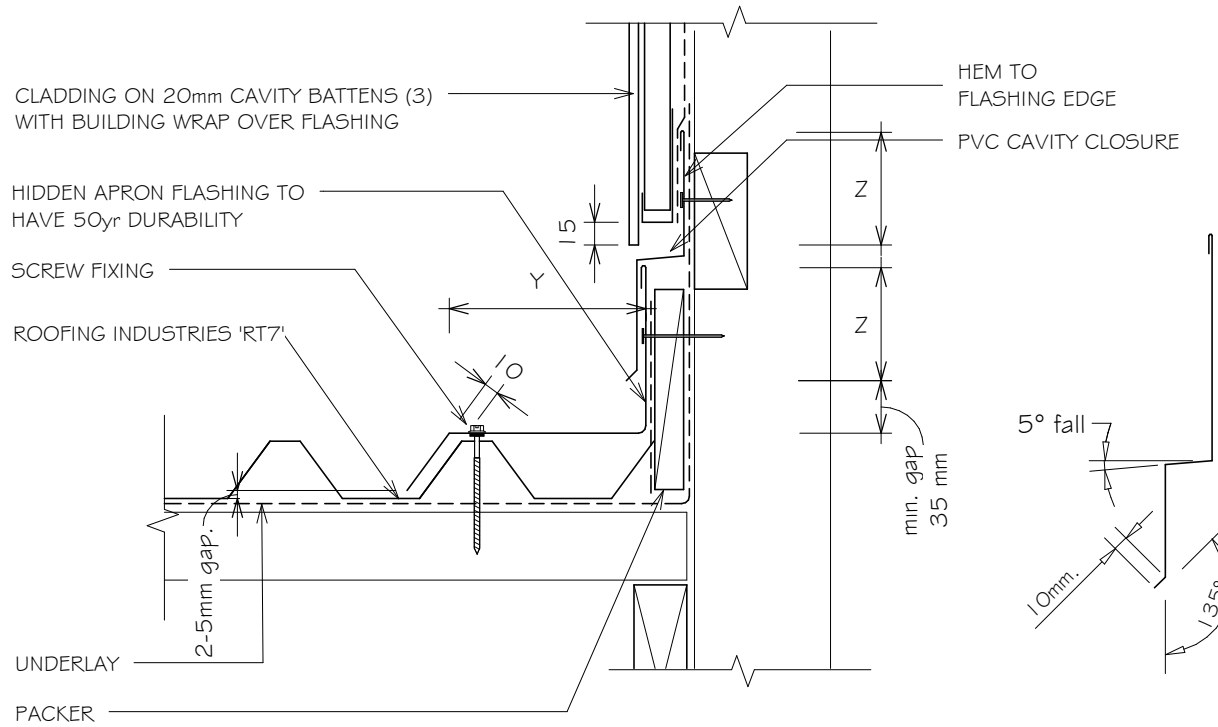
RESIDENTIAL RT7 ROOFING

PARALLEL APRON 2 PIECE FLASHING (CAVITY)

Detail Number: RI-RRTR010D

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z	Y
SITUATION 1 ⁽¹⁾	75mm	2 crests
SITUATION 2 ⁽²⁾	100mm	2 "

NOTES:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

1. SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
2. SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
3. CAVITY BATTENS OR PACKERS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING

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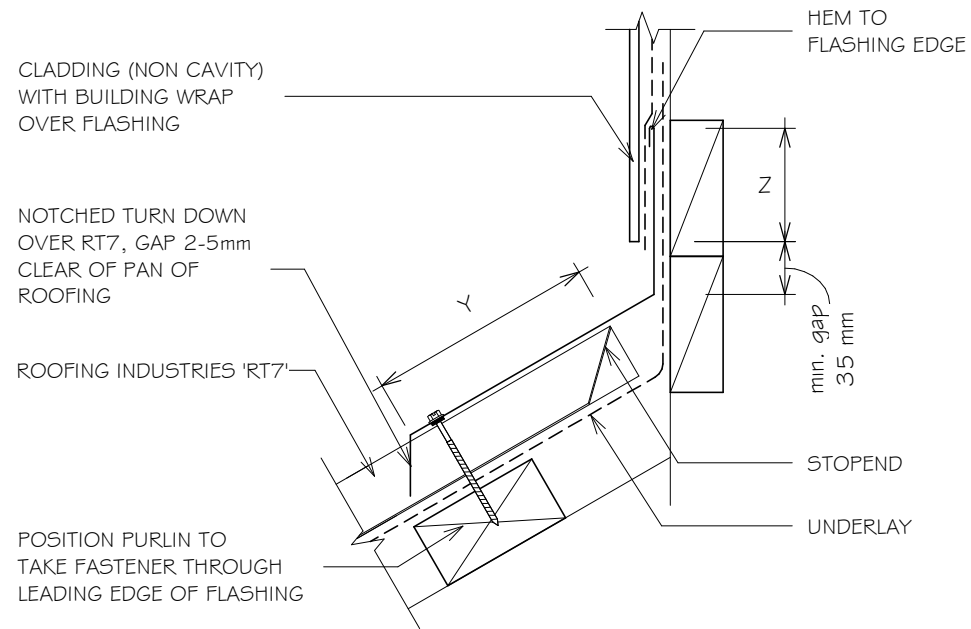


RESIDENTIAL RT7 ROOFING APRON FLASHING (NON CAVITY)

Detail Number: RI-RRTR011A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM mm	
	Z	Y
SITUATION 1 ⁽¹⁾	75	150 ⁽³⁾
SITUATION 2 ⁽²⁾	100	200 ⁽³⁾

NOTES:

- DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;
- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
 - SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
 - CAVITY BATTENS OR PACKERS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING

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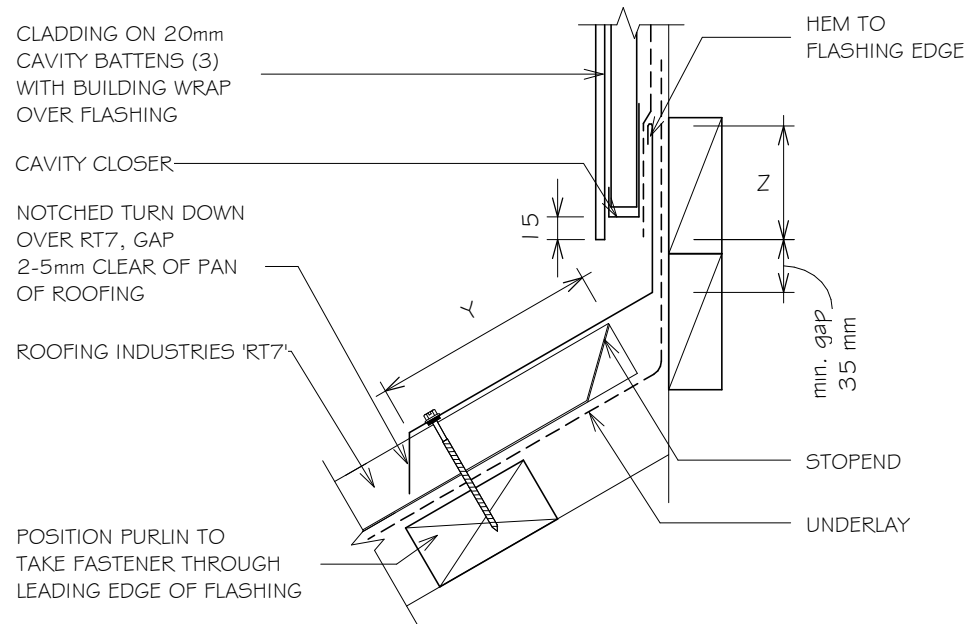


RESIDENTIAL RT7 ROOFING APRON FLASHING (CAVITY)

Detail Number: RI-RRTR011B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM mm	
	Z	Y
SITUATION 1 ⁽¹⁾	75	150 ⁽⁴⁾
SITUATION 2 ⁽²⁾	100	200 ⁽⁴⁾

NOTES:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

1. SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
2. SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
3. CAVITY BATTENS OR PACKERS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
4. EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING

NOTES:

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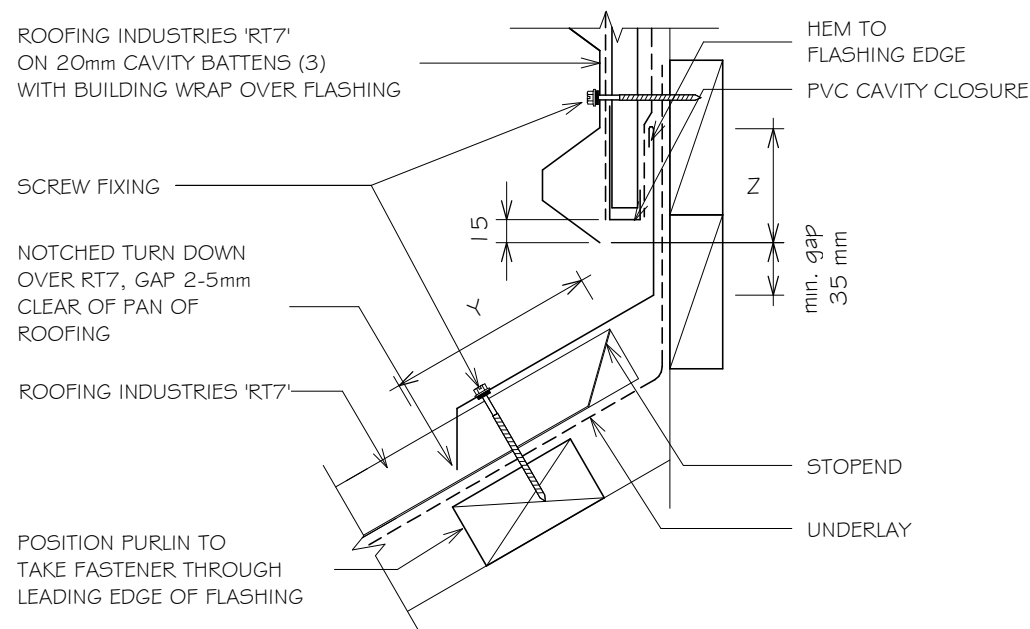


RESIDENTIAL RT7 ROOFING APRON FLASHING (HORIZ RIBLINE ON CAVITY)

Detail Number: RI-RRTR011C

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM mm	
	Z	Y
SITUATION 1 ⁽¹⁾	75	150 ⁽⁴⁾
SITUATION 2 ⁽²⁾	100	200 ⁽⁴⁾

NOTES:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
- CAVITY BATTENS OR PACKERS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
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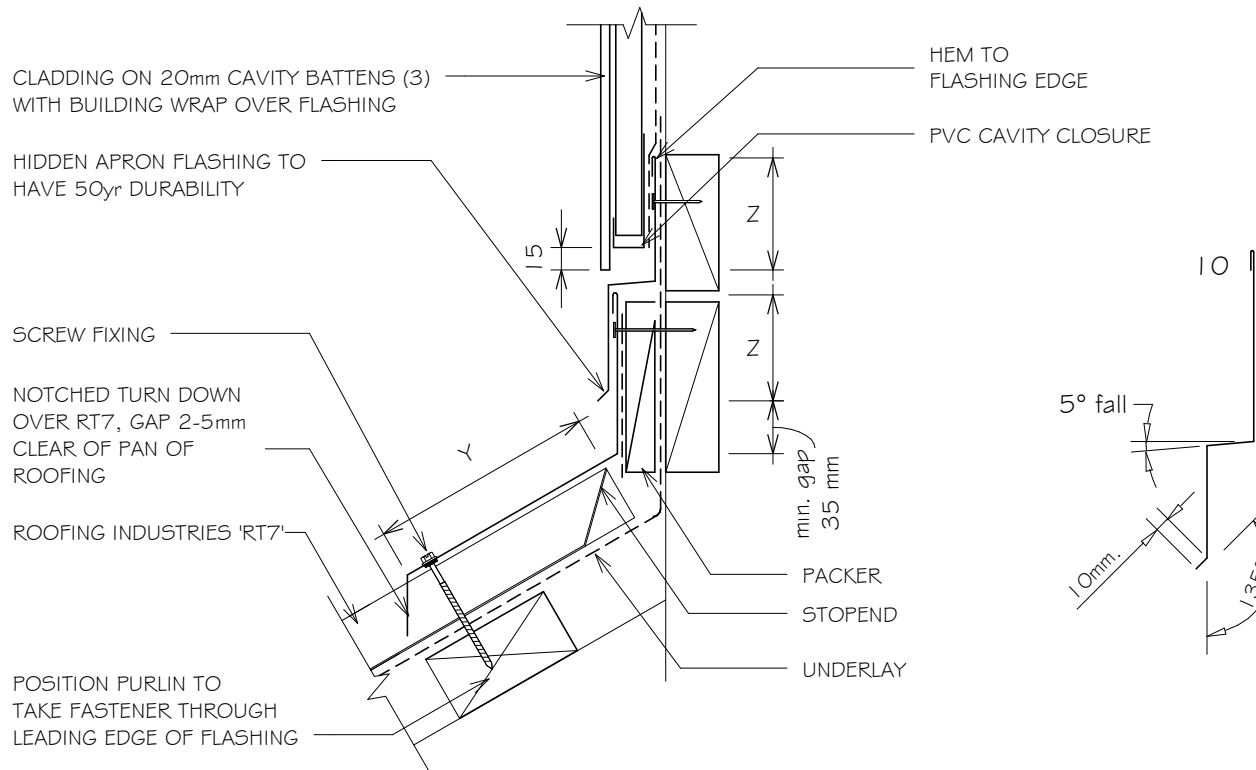
RESIDENTIAL RT7 ROOFING

APRON 2 PIECE FLASHING (CAVITY)

Detail Number: RI-RRTR011D

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z	Y
SITUATION 1 ⁽¹⁾	75mm	150 ⁽⁴⁾
SITUATION 2 ⁽²⁾	100mm	200 ⁽⁴⁾

NOTES:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

1. SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
2. SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
3. CAVITY BATTENS OR PACKERS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
4. EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING

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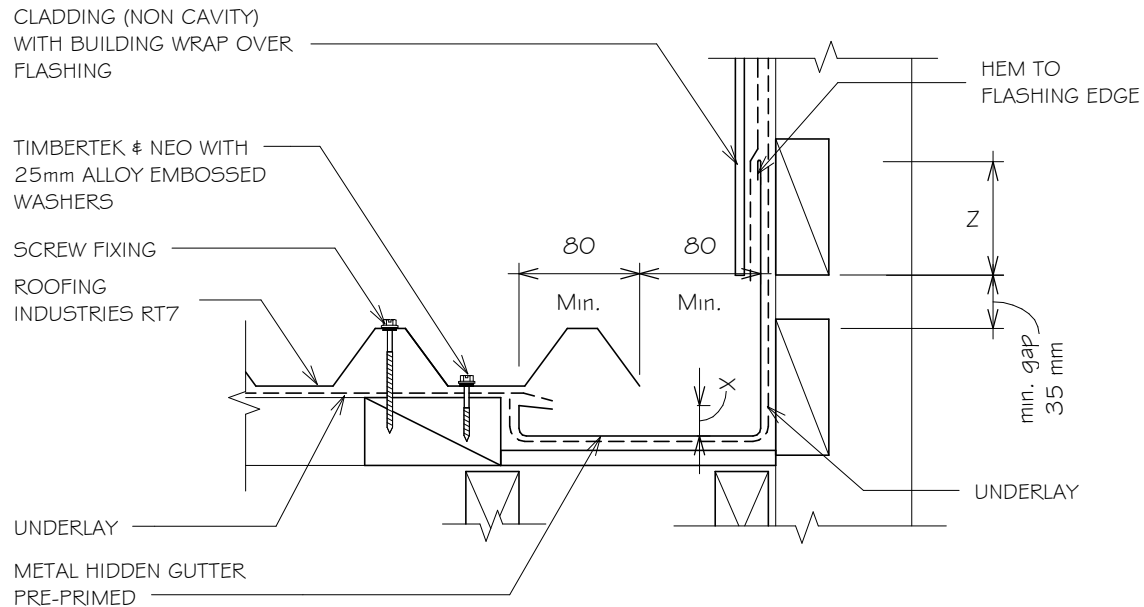
RESIDENTIAL RT7 ROOFING

PARALLEL HIDDEN OR OBTUSE GUTTER (NON CAVITY)

Detail Number: RI-RRTR012A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZ53604)	MINIMUM Z	GUTTER DEPTH	
		ROOF PITCH	(⁵) X MIN
SITUATION 1 ⁽¹⁾	75	< 12°	45
SITUATION 2 ⁽²⁾	100	12° or greater	20

NOTES:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
- WHERE GUTTER FINISHES WITHIN THE LENGTH OF THE WALL, STEP LOWER PART OF GUTTER OUT TO 10mm PAST THE CLADDING LINE, WHILE MAINTAINING REQUIRED CLEARANCES, TO ALLOW THE GUTTER TO FEED INTO THE LOWER EAVES GUTTER.
- INTERNAL GUTTER SHOULD BE MADE FROM NONFERROUS METAL COMPATIBLE WITH THE ROOFING MATERIAL
- GUTTER SHALL BE SIZED TO SUIT THE ROOF CATCHMENT AREA BUT SHALL BE NO LESS THAN SHOWN IN THIS FIGURE AND DESIGNED IN ACCORDANCE E2/AS1 AND/OR THE NZ METAL ROOF & WALL CLADDING CODE OF PRACTICE.

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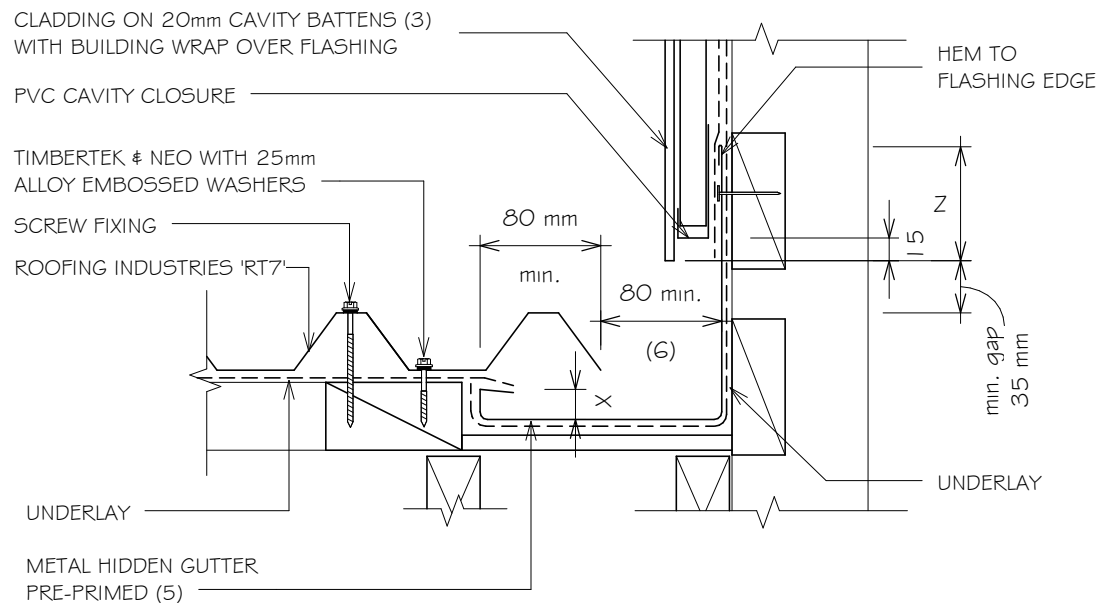
RESIDENTIAL RT7 ROOFING

PARALLEL HIDDEN OR OBTUSE GUTTER (CAVITY)

Detail Number: RI-RRTR012B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM Z	GUTTER DEPTH	
		ROOF PITCH	(6) X min
SITUATION 1 ⁽¹⁾	75	8° < 12°	45
SITUATION 2 ⁽²⁾	100	12° or greater	20

NOTES:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
- CAVITY BATTENS OR PACKERS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.
- WHERE GUTTER FINISHES WITHIN THE LENGTH OF THE WALL, STEP LOWER PART OF GUTTER OUT TO 10mm PAST THE CLADDING LINE, WHILE MAINTAINING REQUIRED CLEARANCES, TO ALLOW THE GUTTER TO FEED INTO THE LOWER EAVES GUTTER.
- INTERNAL GUTTER SHOULD BE MADE FROM NONFERROUS METAL COMPATIBLE WITH THE ROOFING MATERIAL
- GUTTER SHALL BE SIZED TO SUIT THE ROOF CATCHMENT AREA BUT SHALL BE NO LESS THAN SHOWN IN THIS FIGURE AND DESIGNED IN ACCORDANCE WITH E2/AS1 AND/OR THE NZ METAL ROOF & WALL CLADDING CODE OF PRACTICE.

NOTES:

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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz OR NZBC clause E2/AS1.

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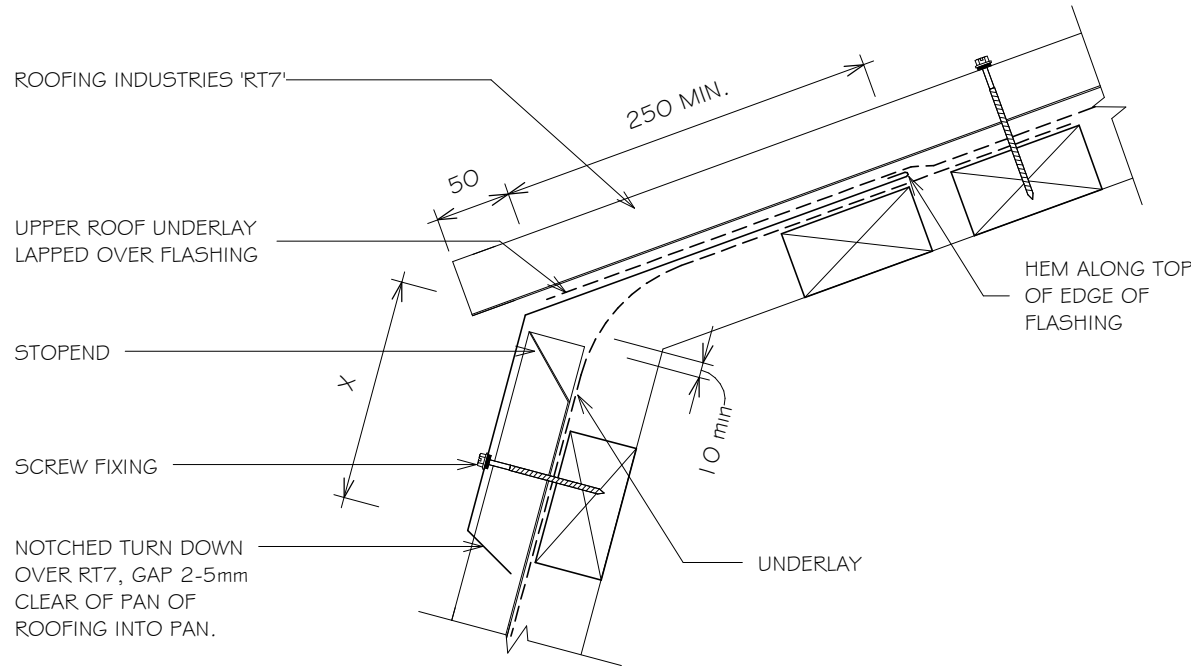
RESIDENTIAL RT7 ROOFING

MANSARD / EXTERNAL CHANGE IN PITCH FLASHING

Detail Number: RI-RRTR013A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MIN mm	(X)
	UPPER LAP UNDER ROOFING	TRANSVERSE FLASHING OVER ROOFING
SITUATION 1 (2)	250 (1)	150 (5)
SITUATION 2 (3)	250 (1)	200 (5)
SITUATION 3 (4)	(6)	

NOTES:

1. UNLESS OTHERWISE DIMENSIONED IN DETAILS
2. SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
3. SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH WIND ZONES, FOR ALL LESSOR WIND ZONES WHERE ROOF PITCH LESS THAN 10°.
4. SITUATION 3: FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.
5. EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING.
6. NOT PERMITTED UNDER E2/AS1, REFER NZ METAL ROOF & WALL CLADDING CODE OF PRACTICE.

NOTES:

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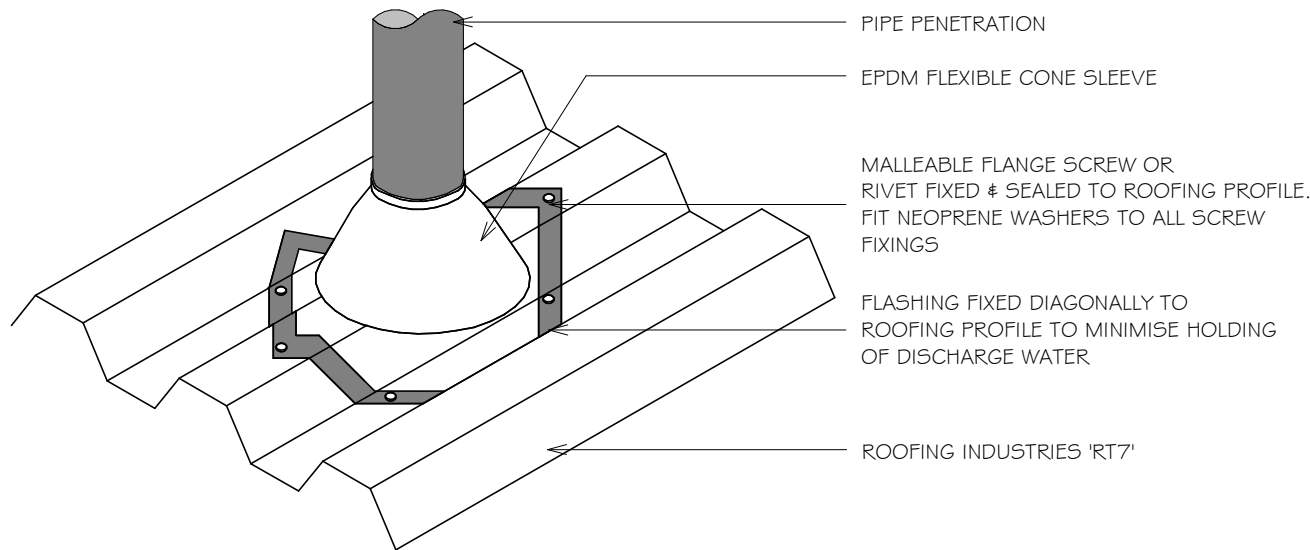
RESIDENTIAL RT7 ROOFING

EPDM FLASHING FOR UP TO 85mm DIA PIPE

Detail Number: RI-RRTR014A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. FOR PIPES UP TO 85mm DIAMETER.
2. MAX ROOF PITCH FOR THIS FLASHING 45°.
3. MAXIMUM ROOF LENGTH ABOVE PENETRATION NOT TO EXCEED 12.0 METRES.
4. ALSO REFER TO NZ METAL ROOF & WALL CLADDING CODE OF PRACTICE.

NOTES:

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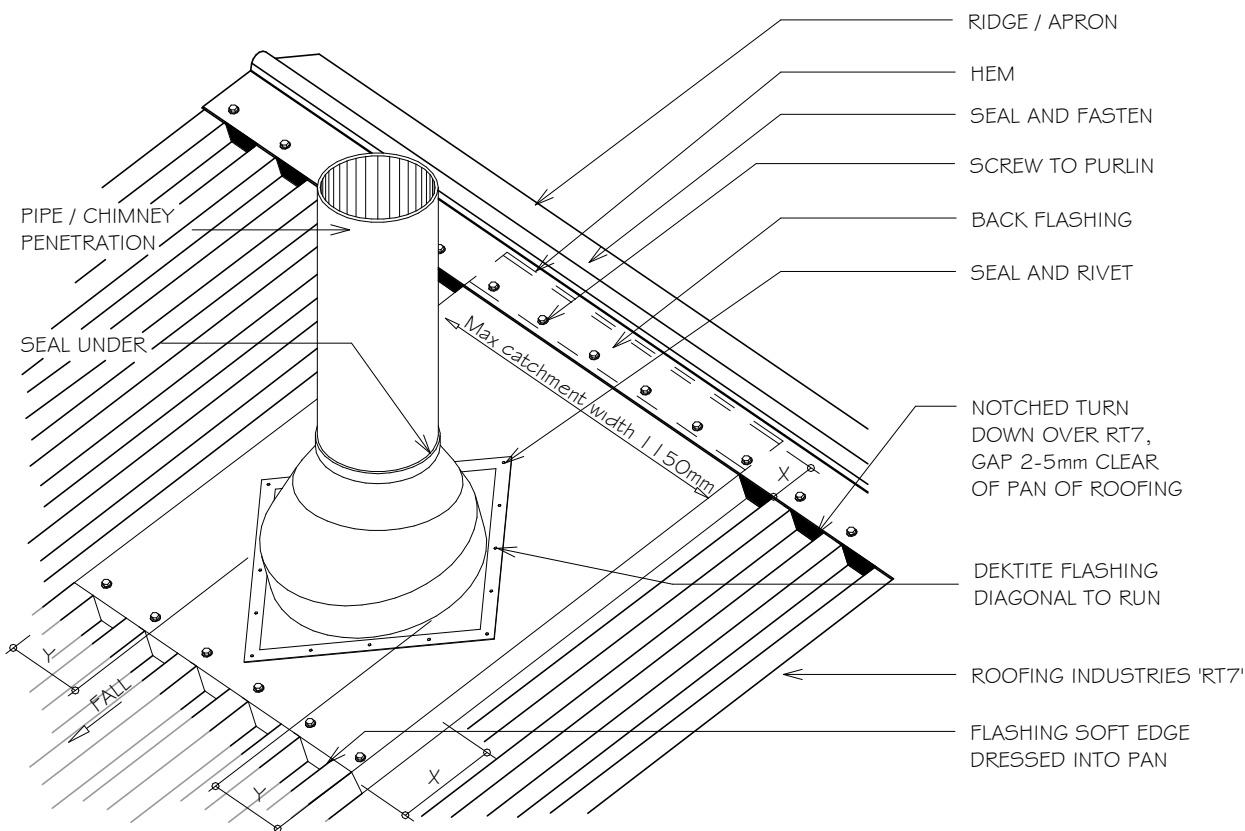
RESIDENTIAL RT7 ROOFING

UNDER RIDGE / APRON SOAKER FLASHING FOR PIPE / CHIMNEY PENETRATION UP TO 500mm DIA.

Detail Number: RI-RRTR015A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MIN mm (cover)	
	X	Y
SITUATION 1 ⁽¹⁾	150	2 CRESTS
SITUATION 2 ⁽²⁾	200	2 CRESTS

NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES, FOR ALL LESSOR WIND ZONES WHERE ROOF PITCH LESS THAN 10°.
- SUITABLE FOR PIPES UP TO 500mm DIAMETER.
- MAX ROOF PITCH FOR THIS FLASHING 45°.
- ADDITIONAL SUPPORT FRAMING REQUIRED WHEN PENETRATION EXCEEDS 200mm THROUGH ROOF.
- ALSO REFER TO NZ METAL ROOF & CLADDING CODE OF PRACTICE.

CATCHMENT WIDTH	MAX ROOF LENGTH ABOVE PENETRATION
0-400	1.8 METRES
400-600	1.6 METRES
600-800	1.2 METRES
800-1150	0.8 METRES

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NOTES:

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RESIDENTIAL RT7 ROOFING

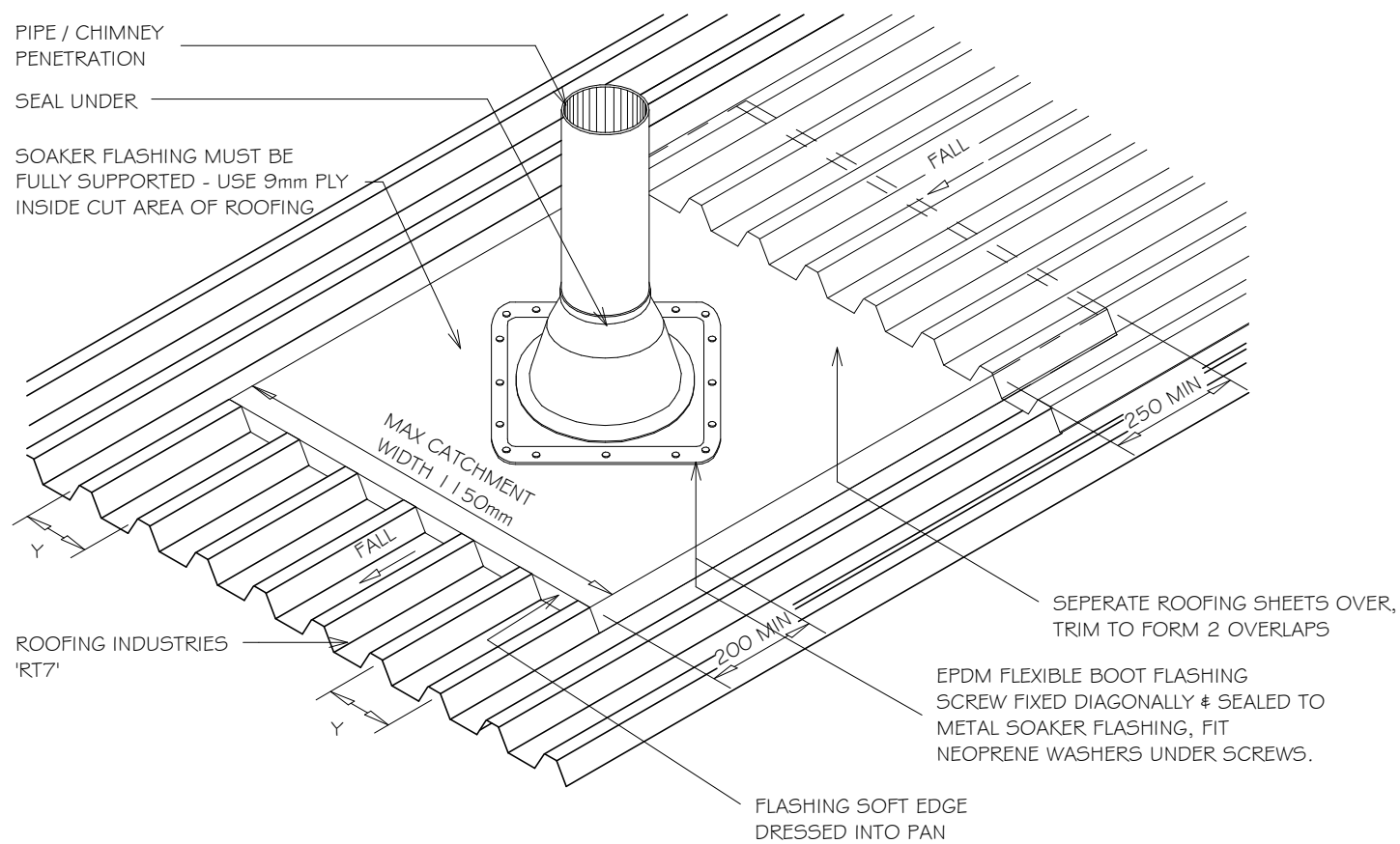
SOAKER FLASHING FOR PIPE / CHIMNEY PENETRATION

(85-500mm DIA, MID ROOF)

Detail Number: RI-RRTR015B

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



NOTES:

- SITUATION 1 : IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES, FOR ALL LESSOR WIND ZONES WHERE ROOF PITCH LESS THAN 10°.
- SUITABLE FOR PIPES UP TO 500mm DIAMETER.
- MAX ROOF PITCH FOR THIS FLASHING 45°.
- ADDITIONAL SUPPORT FRAMING REQUIRED WHEN PENETRATION EXCEEDS 200mm THROUGH ROOF.
- ALSO REFER TO NZ METAL ROOF & CLADDING CODE OF PRACTICE.

SITE WIND ZONE (As per NZS3604)	MIN mm (cover)	
	X	Y
SITUATION 1 ⁽¹⁾	150	2 CRESTS
SITUATION 2 ⁽²⁾	200	2 CRESTS

CATCHMENT WIDTH	MAX ROOF LENGTH ABOVE PENETRATION
0-400	18 METRES
400-600	16 METRES
600-800	12 METRES
800-1150	8 METRES

NOTES:

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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz OR NZBC clause E2/AS1.

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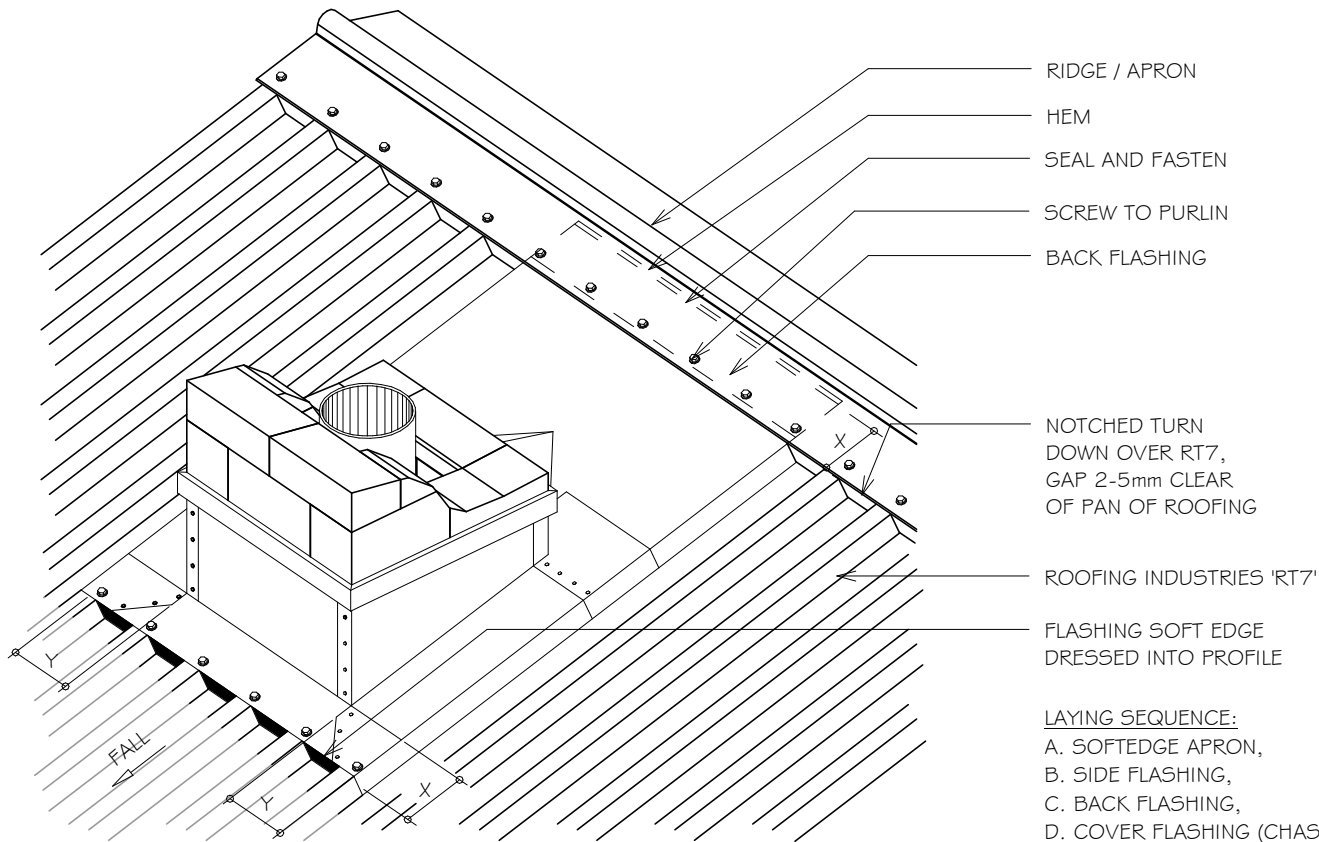


RESIDENTIAL RT7 ROOFING UNDER RIDGE / APRON CHIMNEY FLASHING

Detail Number: RI-RRTR01GA

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES, FOR ALL LESSOR WIND ZONES WHERE ROOF PITCH LESS THAN 10°.
- ALSO REFER TO NZ METAL ROOF & CLADDING CODE OF PRACTICE.

CATCHMENT WIDTH	MAX ROOF LENGTH ABOVE PENETRATION
0-400	18 METRES
400-600	16 METRES
600-800	12 METRES
800-1200	8 METRES

SITE WIND ZONE (As per NZS3604)	MIN mm (cover)	
	X	Y
SITUATION 1 ⁽¹⁾	150	2 CRESTS
SITUATION 2 ⁽²⁾	200	2 CRESTS

NOTES:

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RESIDENTIAL RT7 ROOFING

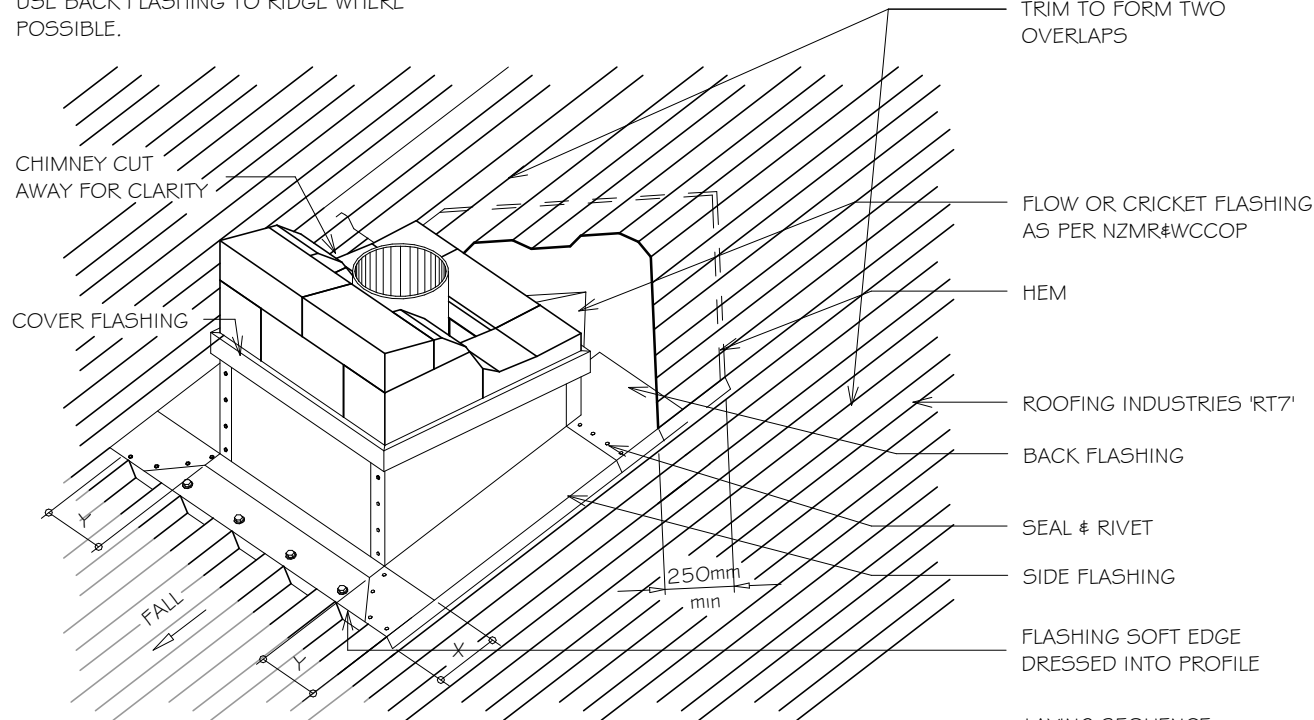
CHIMNEY FLASHING, MID ROOF

Detail Number: RI-RRTR016B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4

NOTE:
USE BACK FLASHING TO RIDGE WHERE POSSIBLE.



NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES, FOR ALL LESSOR WIND ZONES WHERE ROOF PITCH LESS THAN 10° .
- ALSO REFER TO NZ METAL ROOF & CLADDING CODE OF PRACTICE.

SUITABLE FOR ROOF PITCHES OF 10° OR HIGHER UNDER E2/AS1

CATCHMENT WIDTH	MAX ROOF LENGTH ABOVE PENETRATION
0-400	18 METRES
400-600	16 METRES
600-800	12 METRES
800-1200	8 METRES

SITE WIND ZONE (As per NZS3604)	MIN mm (cover)	
	X	Y
SITUATION 1 ⁽¹⁾	150	2 CRESTS
SITUATION 2 ⁽²⁾	200	2 CRESTS

LAYING SEQUENCE:

- SOFTEDGE APRON,
- SIDE FLASHING,
- BACK FLASHING,
- COVER FLASHING (CHASED)

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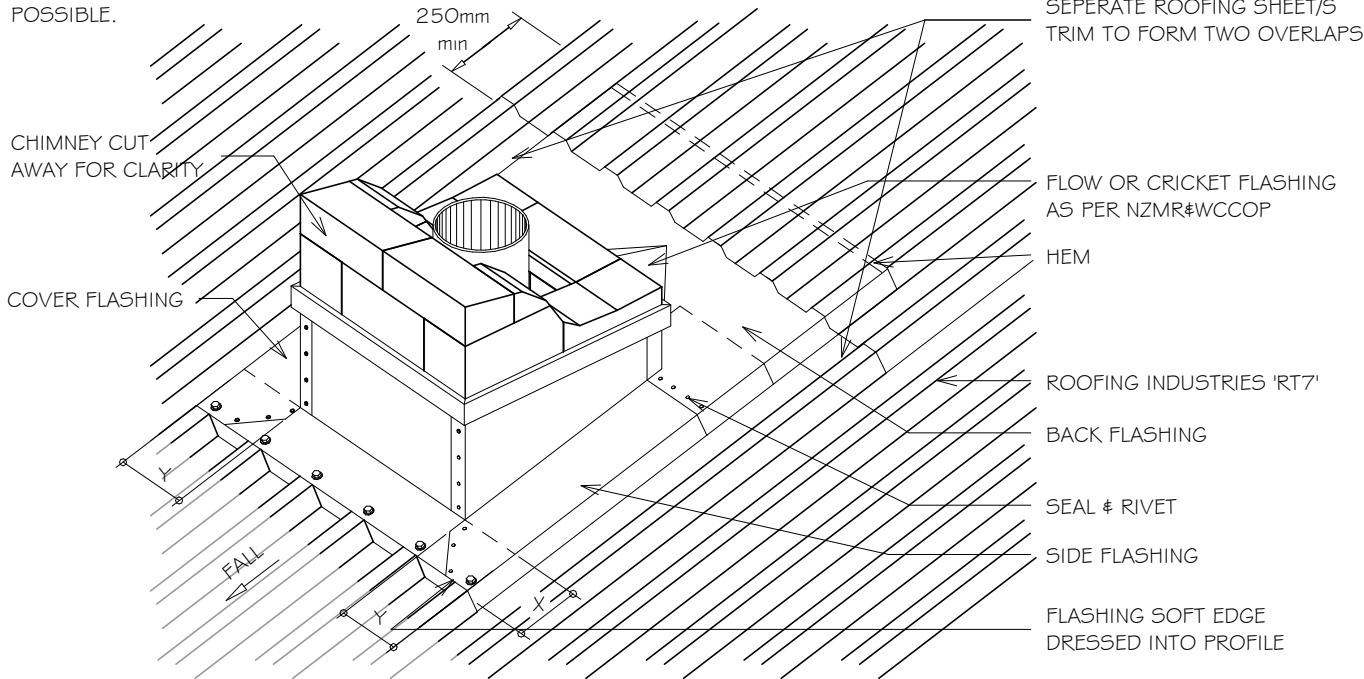
CHIMNEY FLASHING, MID ROOF

Detail Number: RI-RRTR016C

Date drawn: 07/07/2017

Scale: 1 : 5@ A4

NOTE:
USE BACK FLASHING TO RIDGE WHERE POSSIBLE.



NOTES:

1. SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER.
2. SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES, FOR ALL LESSOR WIND ZONES WHERE ROOF PITCH LESS THAN 10°.
3. ALSO REFER TO NZ METAL ROOF & CLADDING CODE OF PRACTICE.

SUITABLE FOR ROOF PITCHES OF 10° OR HIGHER UNDER E2/AS 1

CATCHMENT WIDTH	MAX ROOF LENGTH ABOVE PENETRATION
0-400	1.8 METRES
400-600	1.6 METRES
600-800	2 METRES
800-1200	8 METRES

SITE WIND ZONE (As per NZS3604)	MIN mm (cover)	
	X	Y
SITUATION 1 ⁽¹⁾	150	2 CRESTS
SITUATION 2 ⁽²⁾	200	2 CRESTS

LAYING SEQUENCE:

- A. SOFTEDGE APRON,
- B. SIDE FLASHING,
- C. BACK FLASHING,
- D. COVER FLASHING (CHASED)

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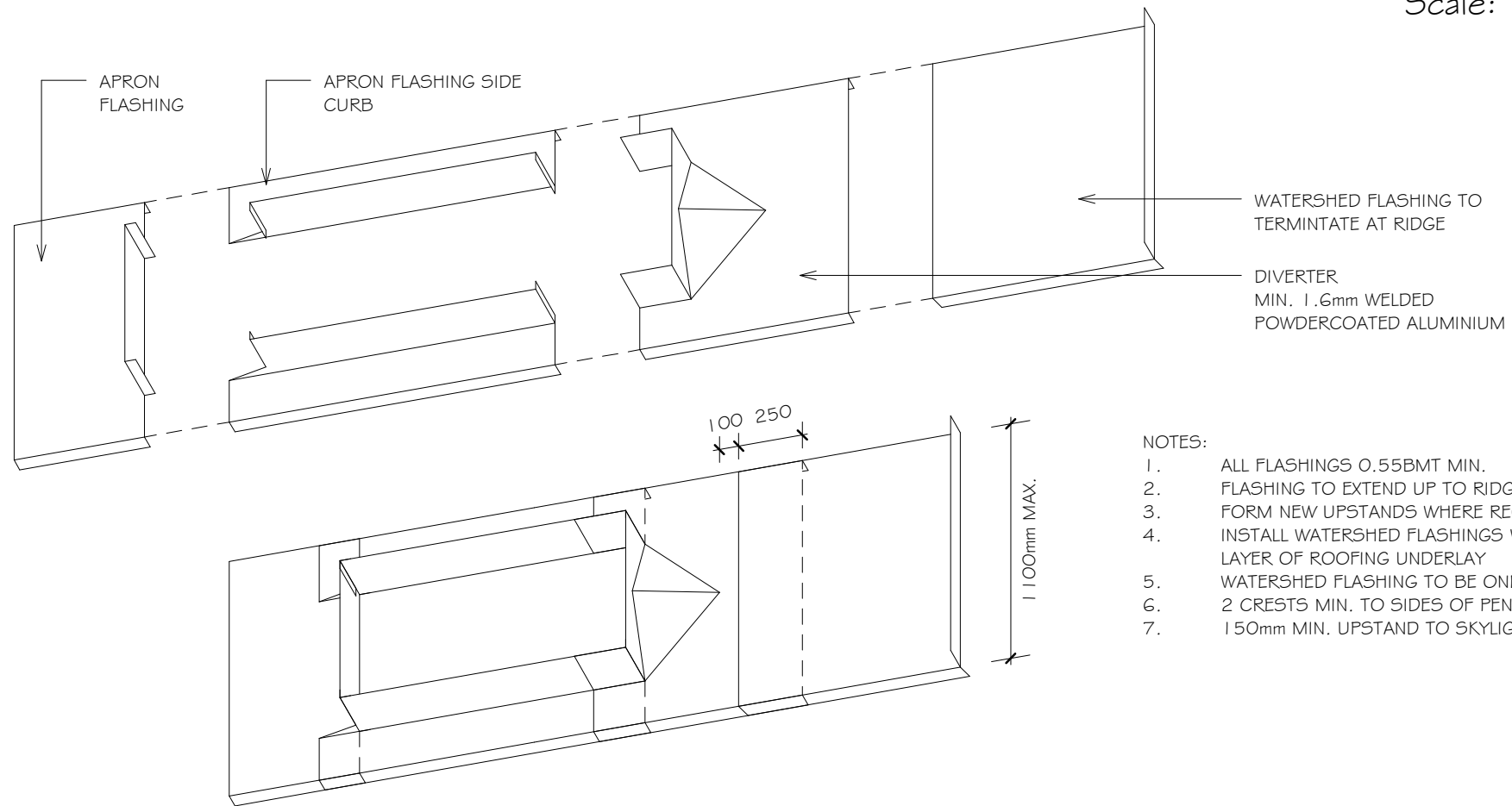


RESIDENTIAL RT7 ROOFING SKYLIGHT FLASHING

Detail Number: RI-RRTR01GD

Date drawn: 05/23/19

Scale: 1 : 5 @ A4



NOTES:

1. ALL FLASHINGS 0.55BMT MIN.
2. FLASHING TO EXTEND UP TO RIDGE FLASHING
3. FORM NEW UPSTANDS WHERE REQUIRED
4. INSTALL WATERSHED FLASHINGS WITH SEPARATING LAYER OF ROOFING UNDERLAY
5. WATERSHED FLASHING TO BE ONE PIECE
6. 2 CRESTS MIN. TO SIDES OF PENETRATION
7. 150mm MIN. UPSTAND TO SKYLIGHT PENETRATION

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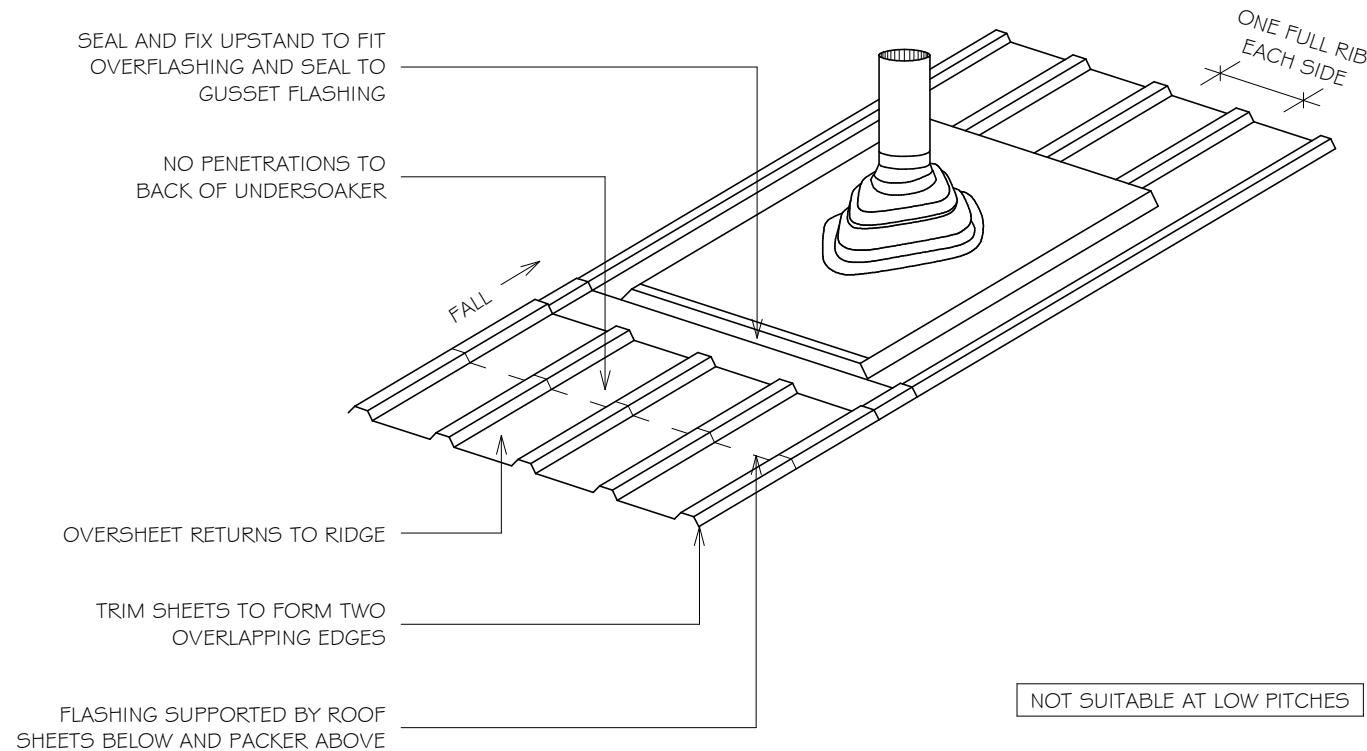


RESIDENTIAL RT7 ROOFING LEVEL SOAKER CURB FLASHING

Detail Number: RI-RRTRO16E

Date drawn: 05/22/19

Scale: 1 : 5@ A4



NOTES:

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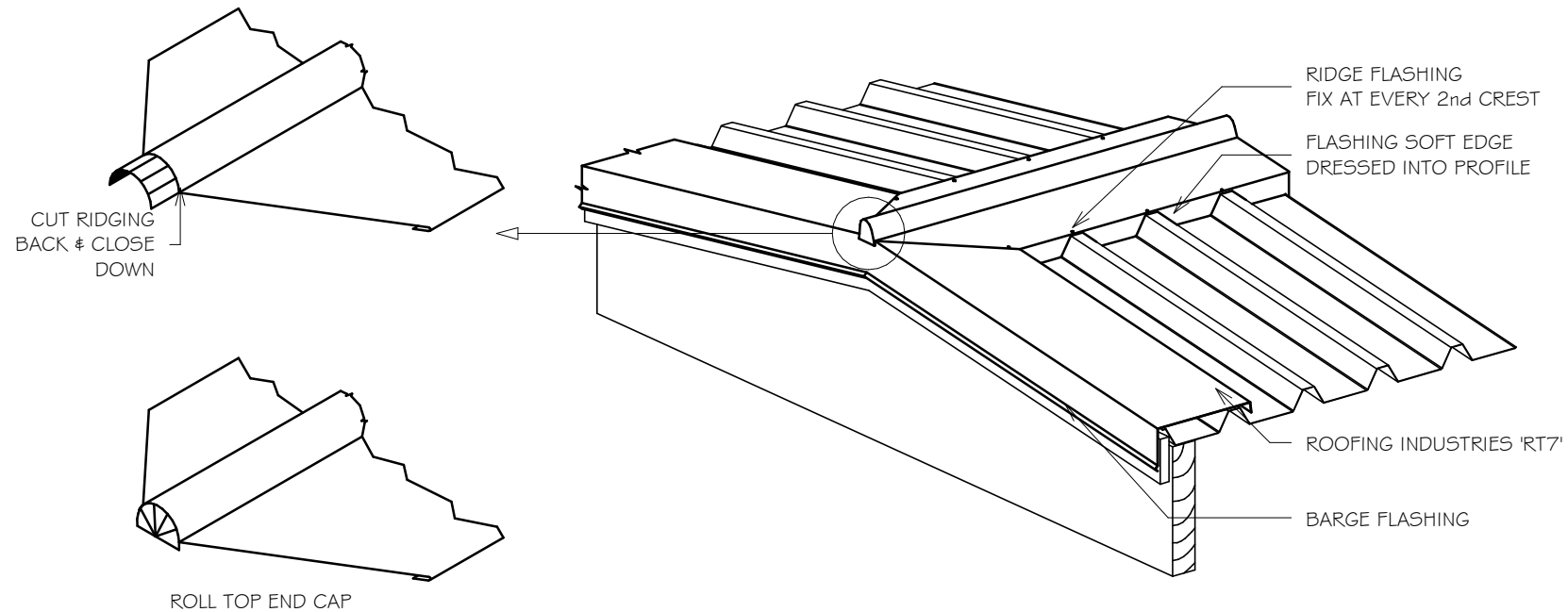


RESIDENTIAL RT7 ROOFING RIDGE / BARGE JUNCTION

Detail Number: RI-RRTR025A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTE:

1. FOR RIDGE & BARGE COVERS REFER TO SEPERATE DRAWINGS
2. REFER TO MRM CODE OF PRACTICE

NOTES:

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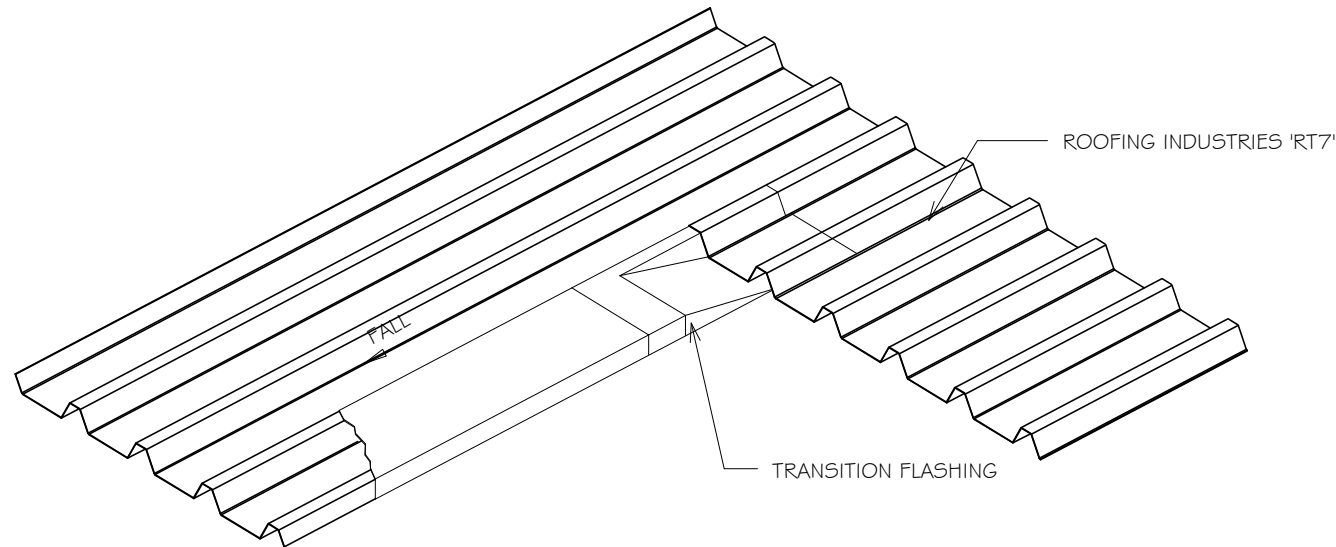


RESIDENTIAL RT7 ROOFING INTERNAL BARGE FLASHING

Detail Number: RI-RRTR026A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOT SUITABLE AT LOW PITCHES

NOTES:

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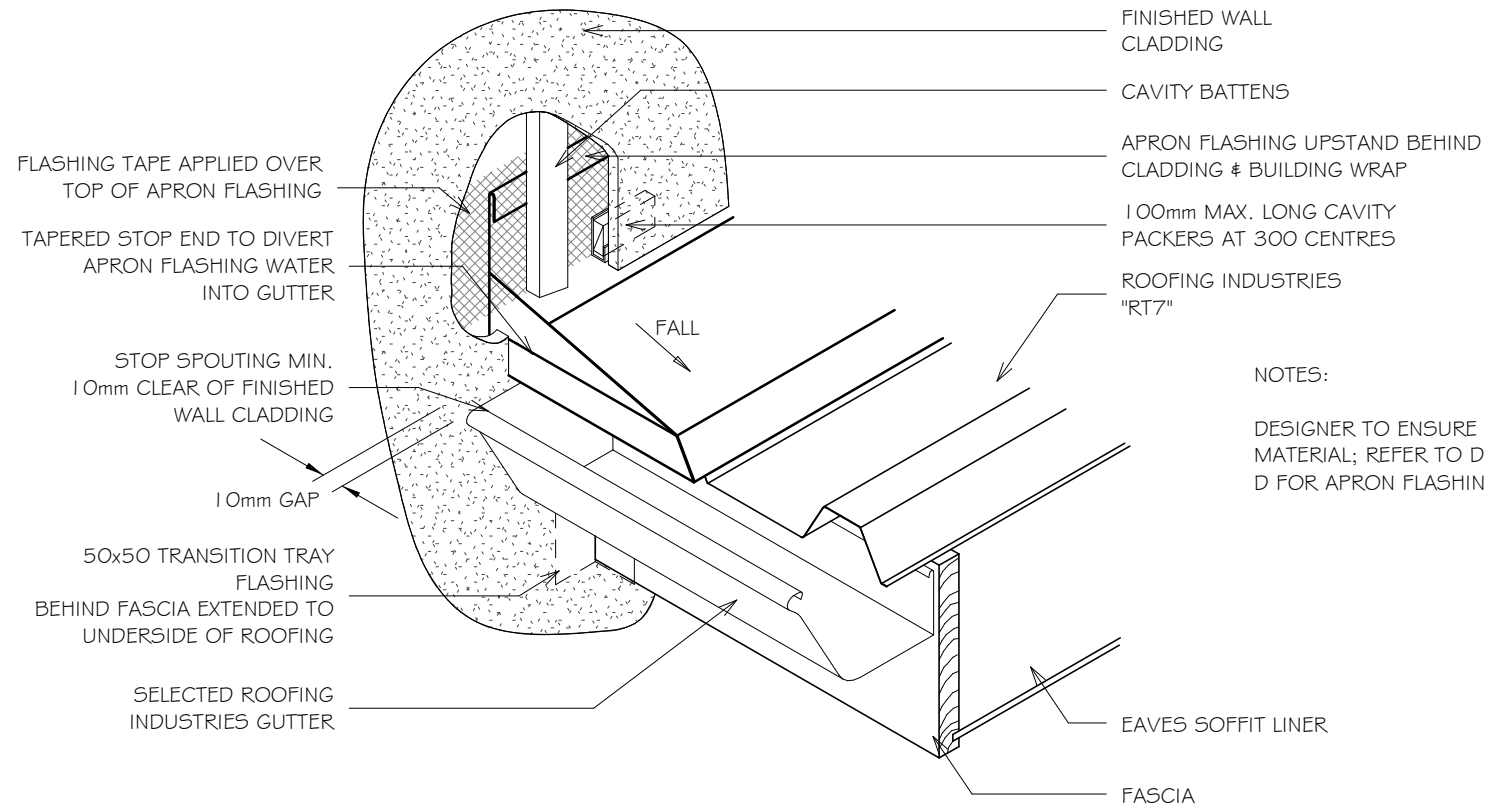


RESIDENTIAL RT7 ROOFING PARALLEL APRON DIVERTER JUNCTION

Detail Number: RI-RRTR027A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL; REFER TO DETAILS RCRO10A, B, C & D FOR APRON FLASHING DETAILS

NOTES:

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- These details to be read with Roofing Industries profile technical summary regarding wind loads and fixings.
- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz OR NZBC clause E2/AS1.

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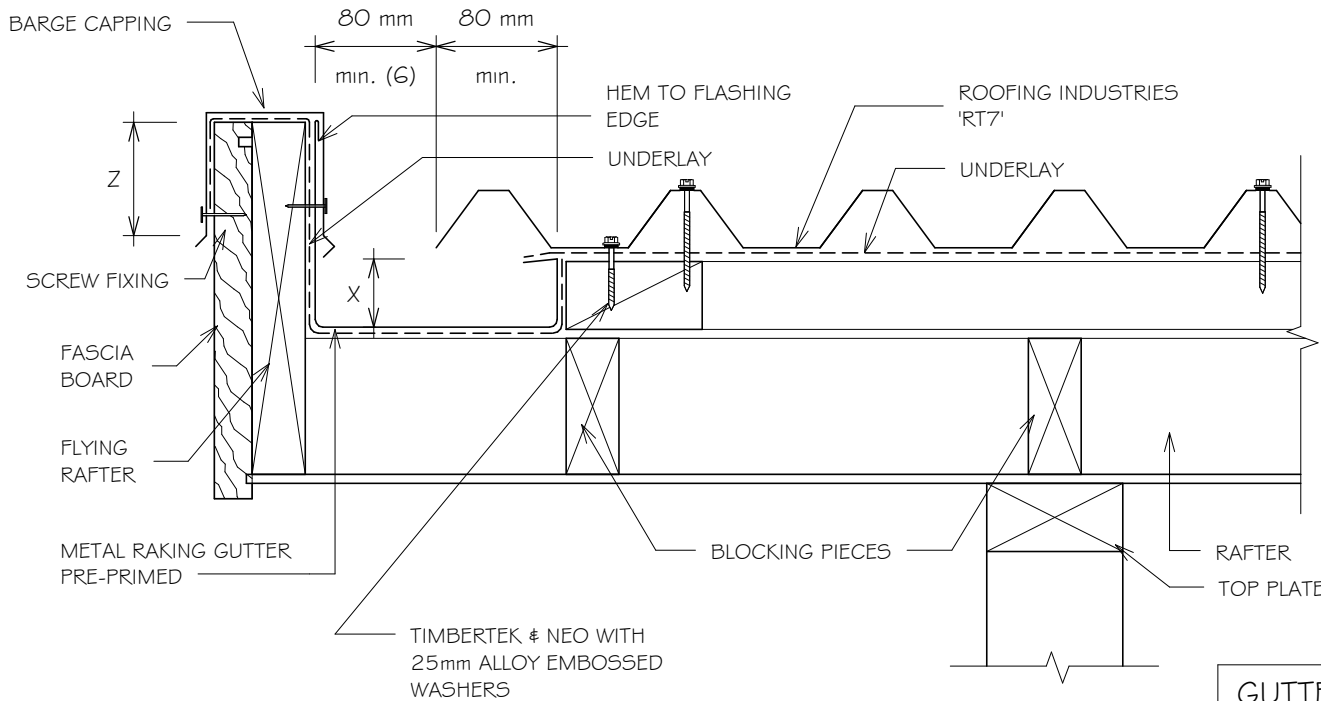
RESIDENTIAL RT7 ROOFING

RAKING INTERNAL GUTTER

Detail Number: RI-RRTR028A

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



NOTES:

- DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;
- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
 - SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH AND EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10° .
 - SITUATION 3: FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.
 - EXCLUDES DRIP EDGE.
 - INTERNAL GUTTER SHOULD BE MADE FROM NONFERROUS METAL COMPATIBLE WITH THE ROOFING MATERIAL
 - GUTTER SHALL BE SIZED TO SUIT THE ROOF CATCHMENT AREA BUT SHALL BE NO LESS THAN SHOWN IN THIS FIGURE AND DESIGNED IN ACCORDANCE WITH E2/AS 1 AND/OR THE NZ METAL ROOF & WALL CLADDING CODE OF PRACTICE.

SITE WIND ZONE (As per NZS3604)	MINIMUM Z
SITUATION 1 ⁽¹⁾	50 ⁽⁴⁾
SITUATION 2 ⁽²⁾	75 ⁽⁴⁾
SITUATION 3 ⁽³⁾	90 ⁽⁴⁾

GUTTER DEPTH	
ROOF PITCH	⁽⁶⁾ X min
< 12°	45
12° or greater	20

NOTES:

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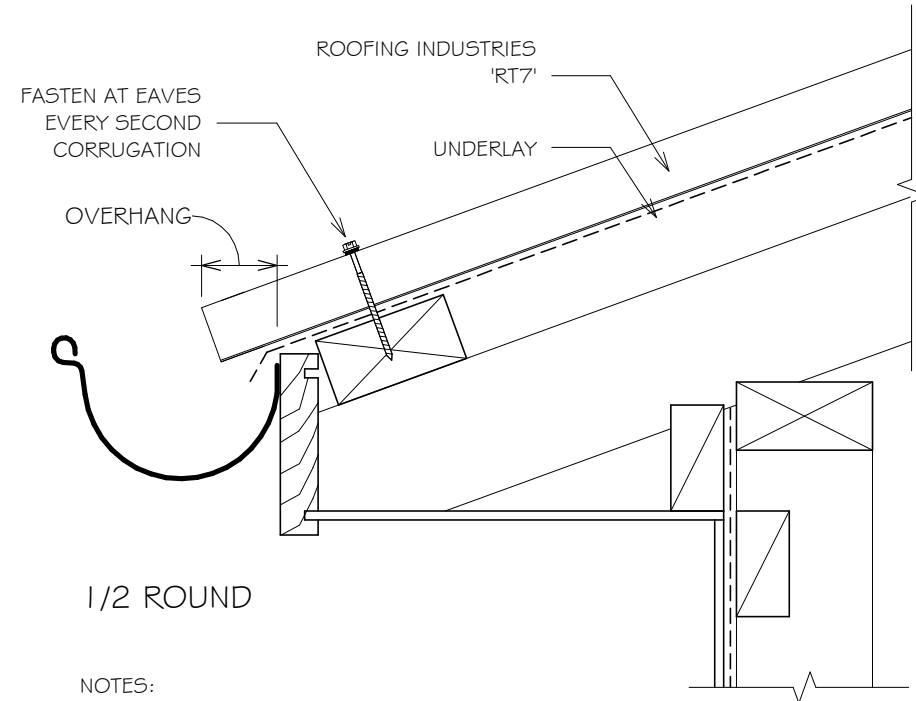
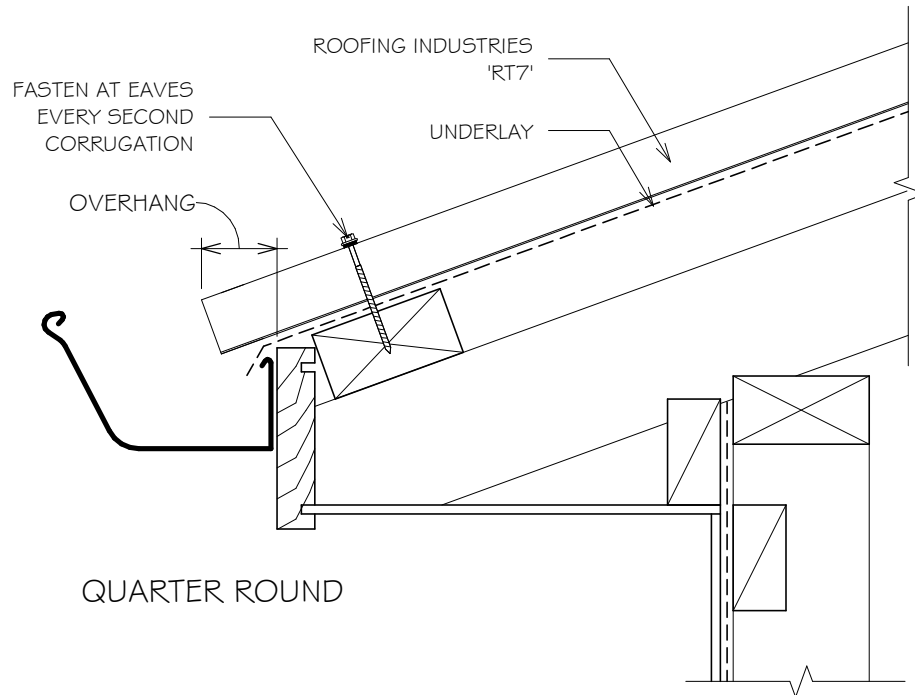
RESIDENTIAL RT7 ROOFING

ROOFING INDUSTRIES GUTTER OPTIONS QUARTER & 1/2 ROUND FOR TIMBER FASCIA

Detail Number: RI-RRTRO30A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. GUTTER APRON FLASHINGS MAY BE REQUIRED AS PER DRAWING RRTR004A
2. OVERHANG AS PER DRAWING RRTR004A / MRM COP

NOTES:

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- These details to be read with Roofing Industries profile technical summary regarding wind loads and fixings.
- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz OR NZBC clause E2/AS1.

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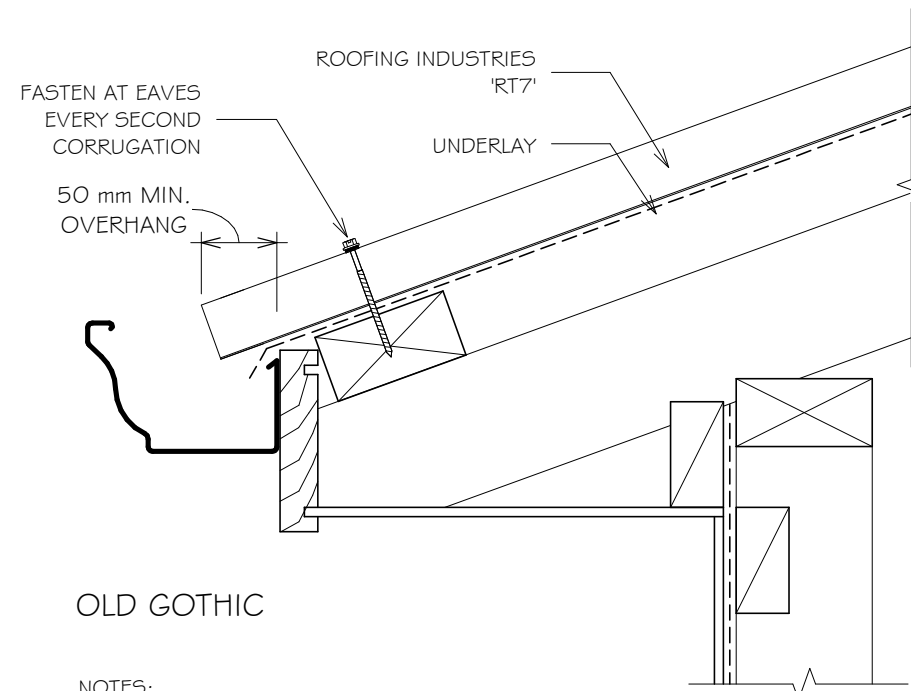
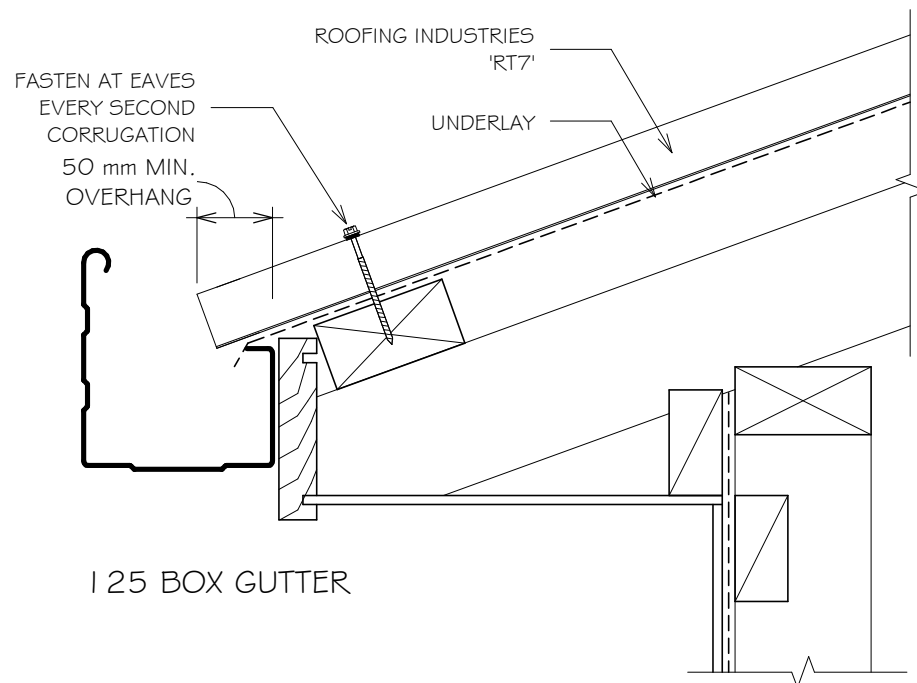
RESIDENTIAL RT7 ROOFING

ROOFING INDUSTRIES GUTTER OPTIONS 125 BOX GUTTER & OLD GOTHIC FOR TIMBER FASCIA

Detail Number: RI-RRTRO30B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz OR NZBC clause E2/AS1.

NOTES:

1. GUTTER APRON FLASHINGS MAY BE REQUIRED AS PER DRAWING RRTRO04A
2. OVERHANG AS PER DRAWING RRTRO04A / MRM COP

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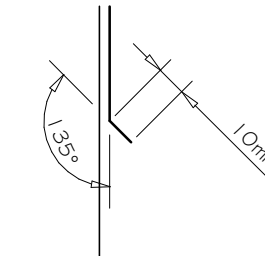
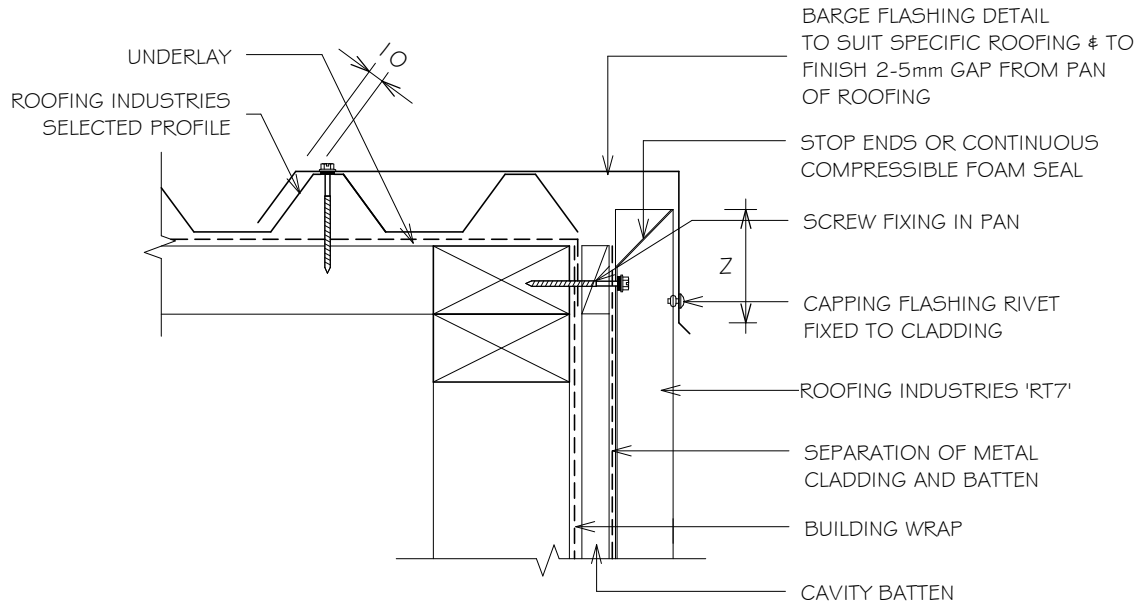
RESIDENTIAL RT7 WALL CLADDING

BARGE DETAIL FOR VERTICAL CLADDING ON CAVITY (KICK OUT)

Detail Number: RI-RRTW001A-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



KICK-OUT at bottom edge of vertical flashing

SITE WIND ZONE (As per NZS3604)	MINIMUM Z
SITUATION 1 ⁽¹⁾	75mm ⁽³⁾
SITUATION 2 ⁽²⁾	100mm ⁽³⁾

NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
- EXCLUDING DRIP EDGE.
- CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
- CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

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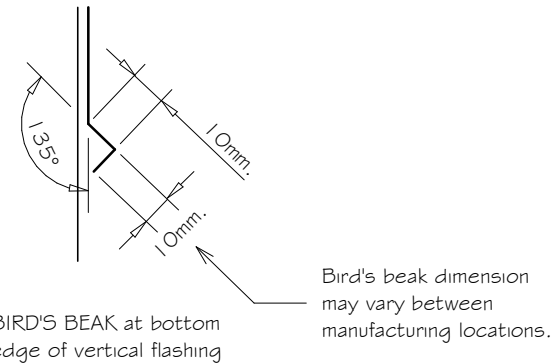
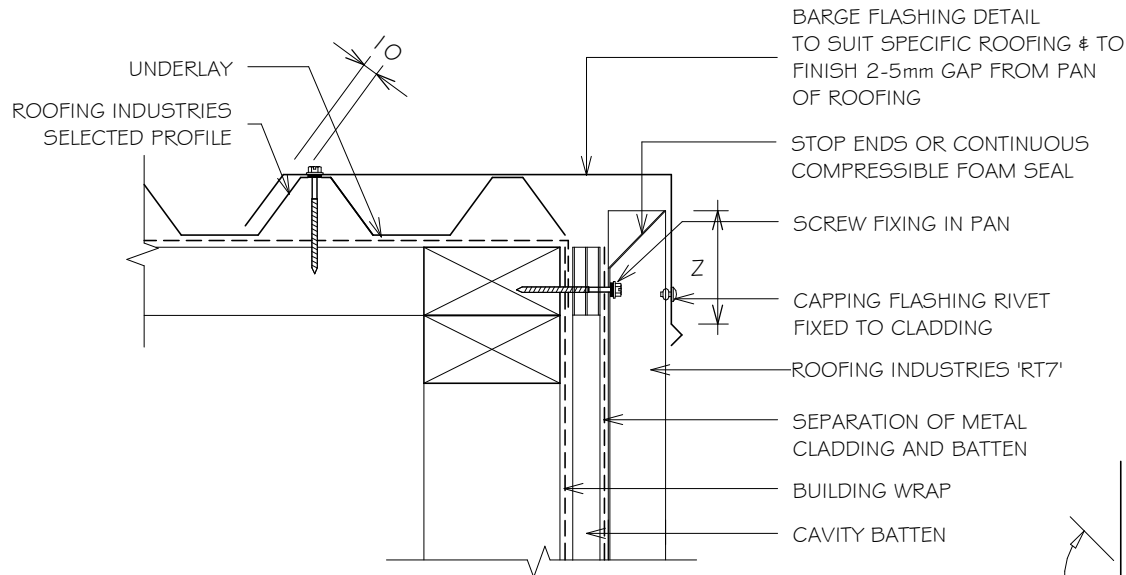
RESIDENTIAL RT7 WALL CLADDING

BARGE DETAIL FOR VERTICAL CLADDING ON CAVITY (BIRDS BEAK)

Detail Number: RI-RRTW001B-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM
	Z
SITUATION 1 ⁽¹⁾	75mm ⁽³⁾
SITUATION 2 ⁽²⁾	100mm ⁽³⁾

NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
- EXCLUDING DRIP EDGE.
- CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
- CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

NOTES:

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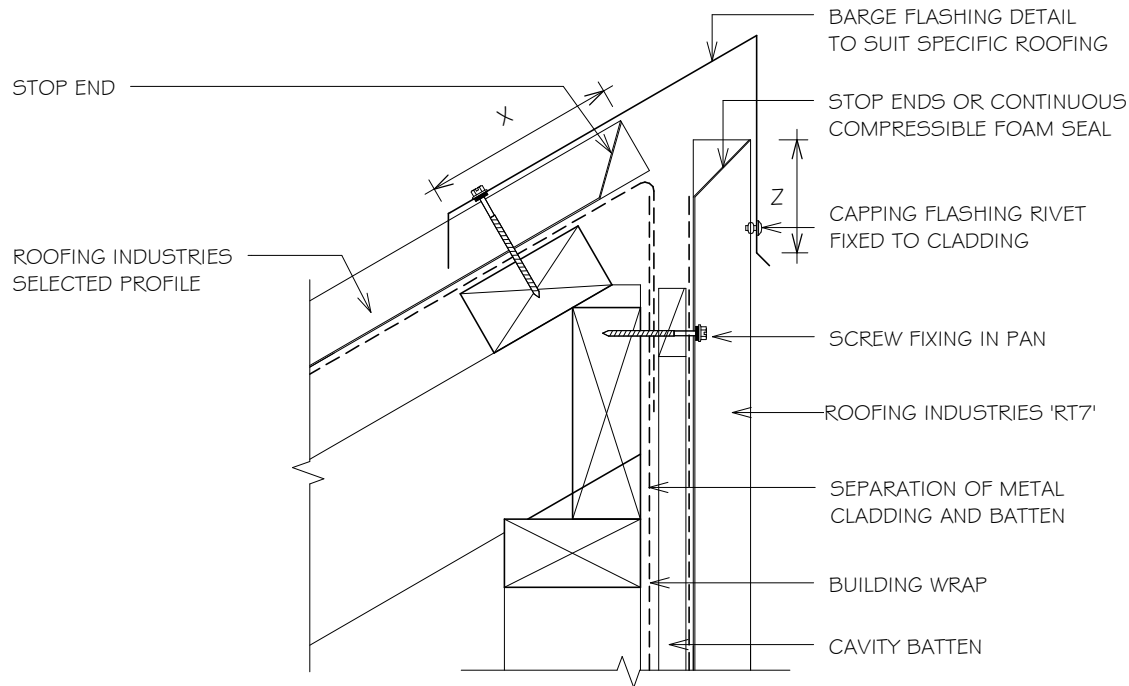


RESIDENTIAL RT7 WALL CLADDING HEAD BARGE FOR VERTICAL CLADDING ON CAVITY ON CAVITY (KICK OUT)

Detail Number: RI-RRTW002A-1

Date drawn: 07/07/2017

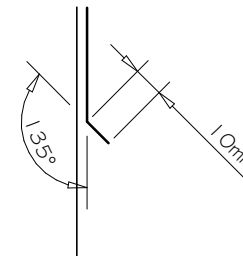
Scale: 1 : 5@ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z	X ⁽⁴⁾
SITUATION 1 ⁽¹⁾	75mm ⁽³⁾	150mm
SITUATION 2 ⁽²⁾	100mm ⁽³⁾	200mm

NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
- BARGE COVER EXCLUDES DRIP EDGE.
- EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING.
- CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
- CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM



KICK-OUT at bottom edge of vertical flashing

NOTES:

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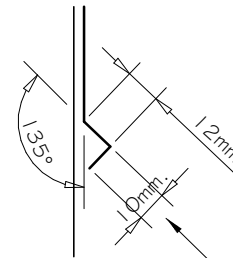
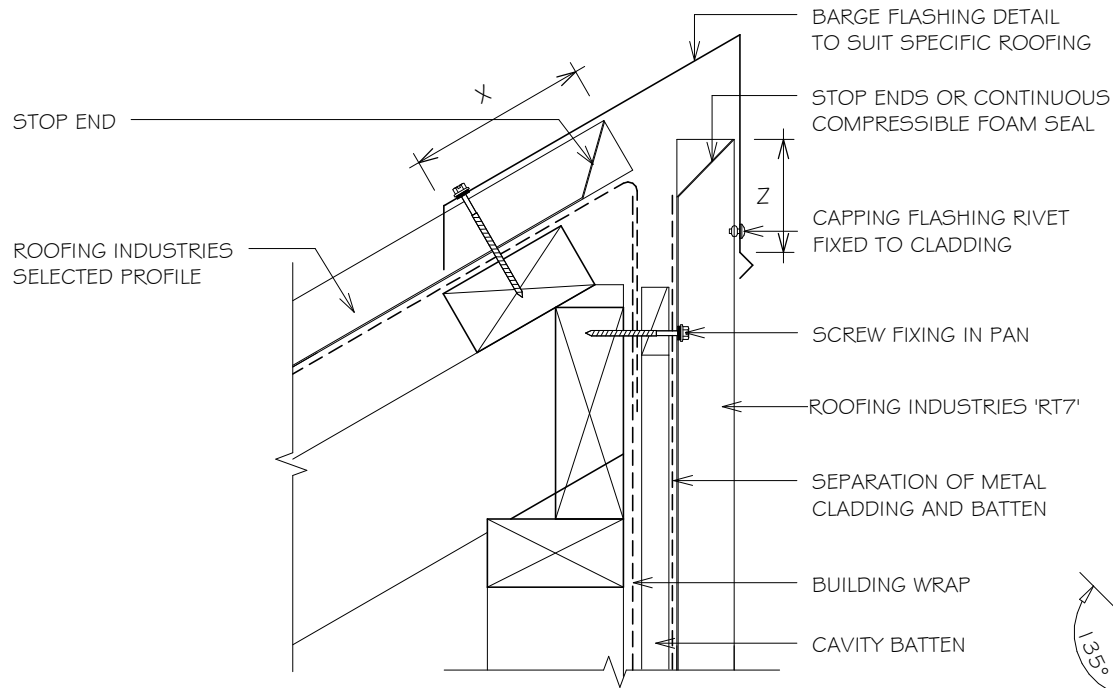


RESIDENTIAL RT7 WALL CLADDING HEAD BARGE FOR VERTICAL CLADDING ON CAVITY (BIRDS BEAK)

Detail Number: RI-RRTW002B-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



Bird's beak dimension may vary between manufacturing locations.

BIRD'S BEAK at bottom edge of vertical flashing

SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z	X (4)
SITUATION 1 (1)	75mm (3)	150mm
SITUATION 2 (2)	100mm(3)	200mm

NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS 10° OR GREATER
- SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES, FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°.
- BARGE COVER EXCLUDES DRIP EDGE.
- EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING.
- CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
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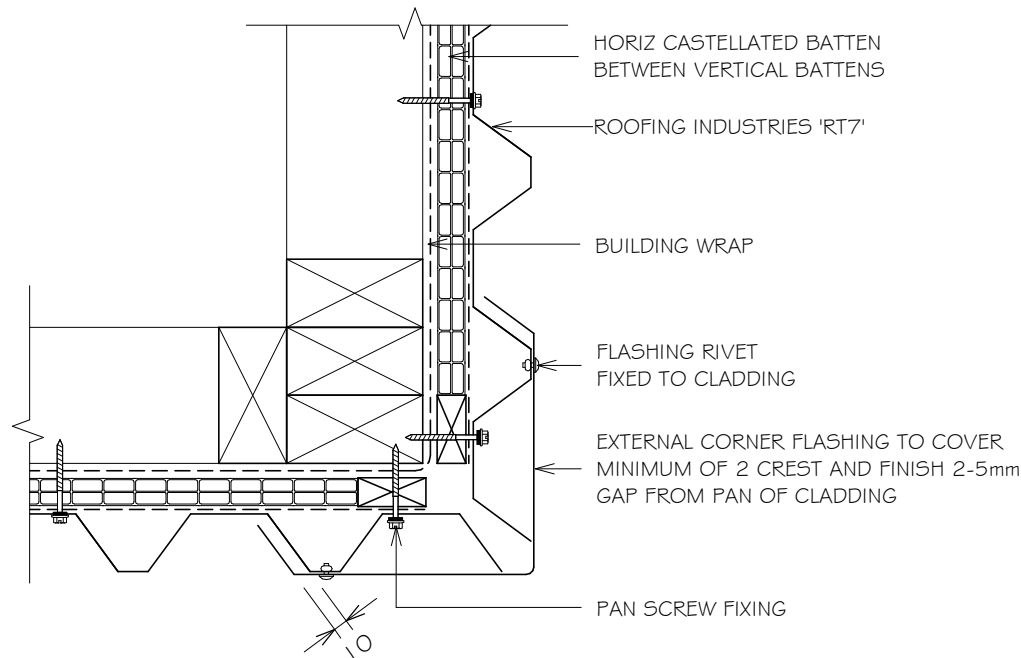


RESIDENTIAL RT7 WALL CLADDING STANDARD EXTERNAL CORNER FOR VERTICAL CLADDING ON CAVITY

Detail Number: RI-RRTW003A-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
2. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

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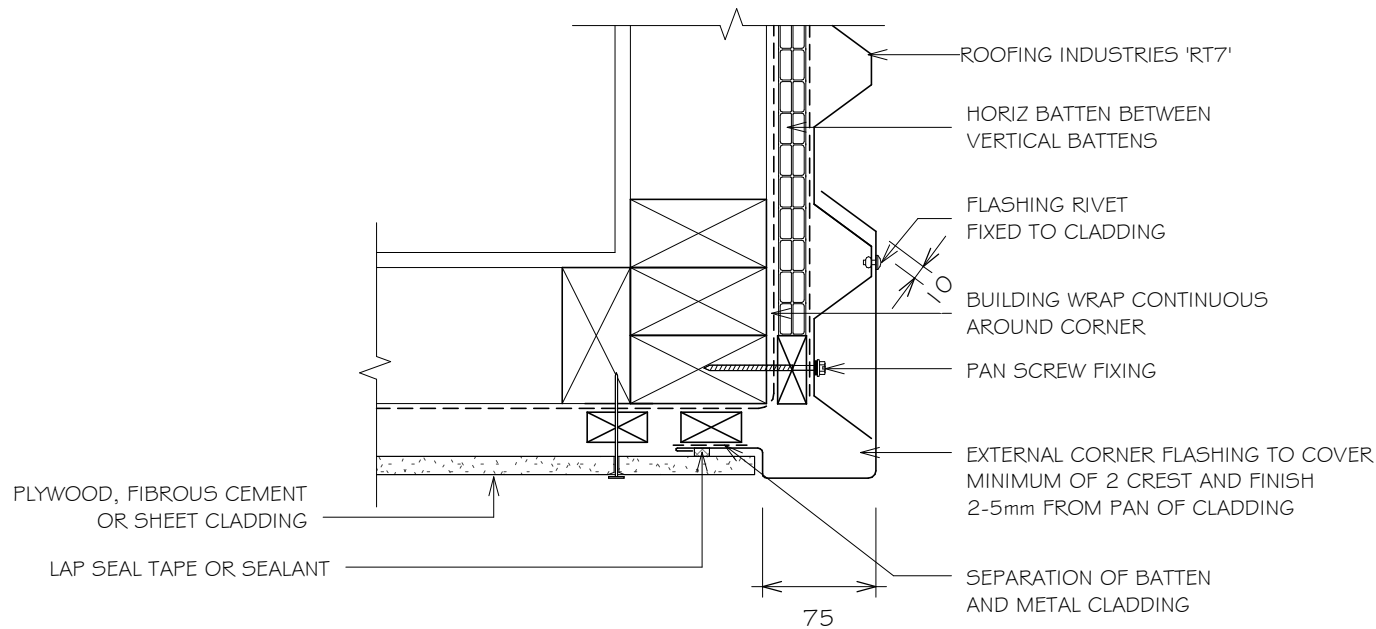


RESIDENTIAL RT7 WALL CLADDING EXTERNAL CORNER FOR VERTICAL CLADDING ON CAVITY WITH CLADDING CHANGE

Detail Number: RI-RRTW003B-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
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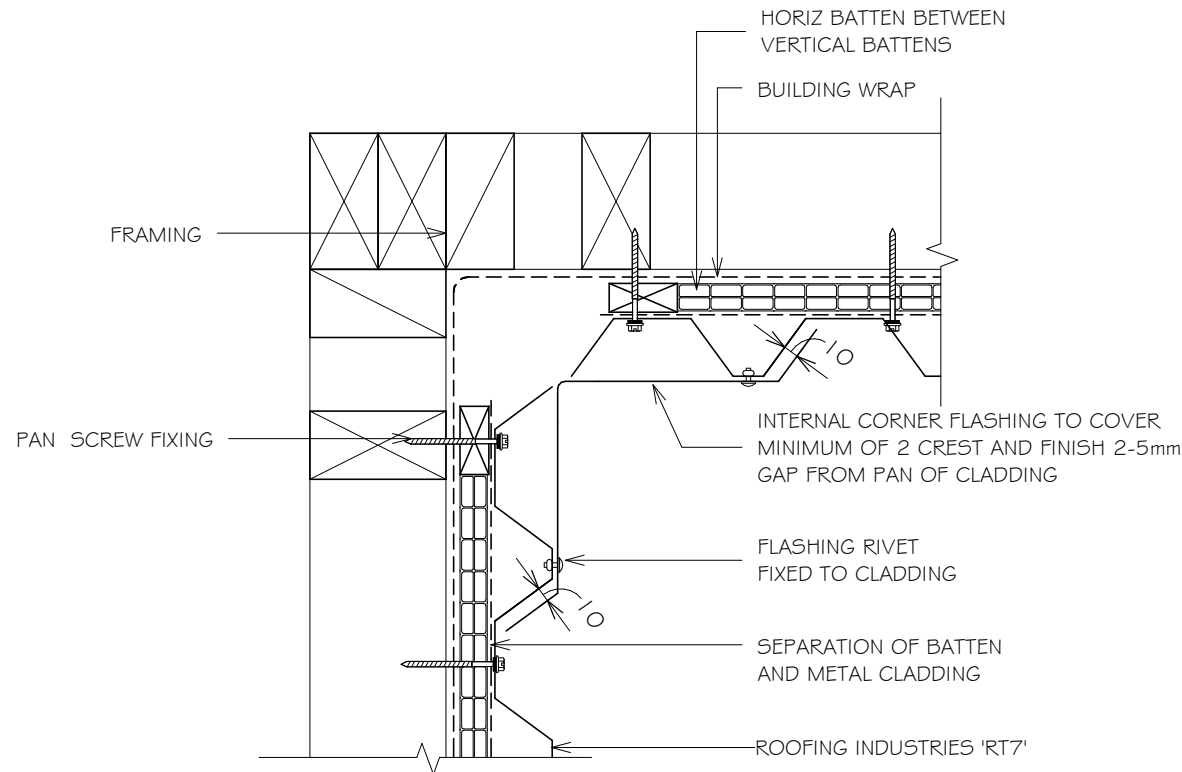
RESIDENTIAL RT7 WALL CLADDING

STANDARD INTERNAL CORNER FOR VERTICAL CLADDING ON CAVITY

Detail Number: RI-RRTW004A-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
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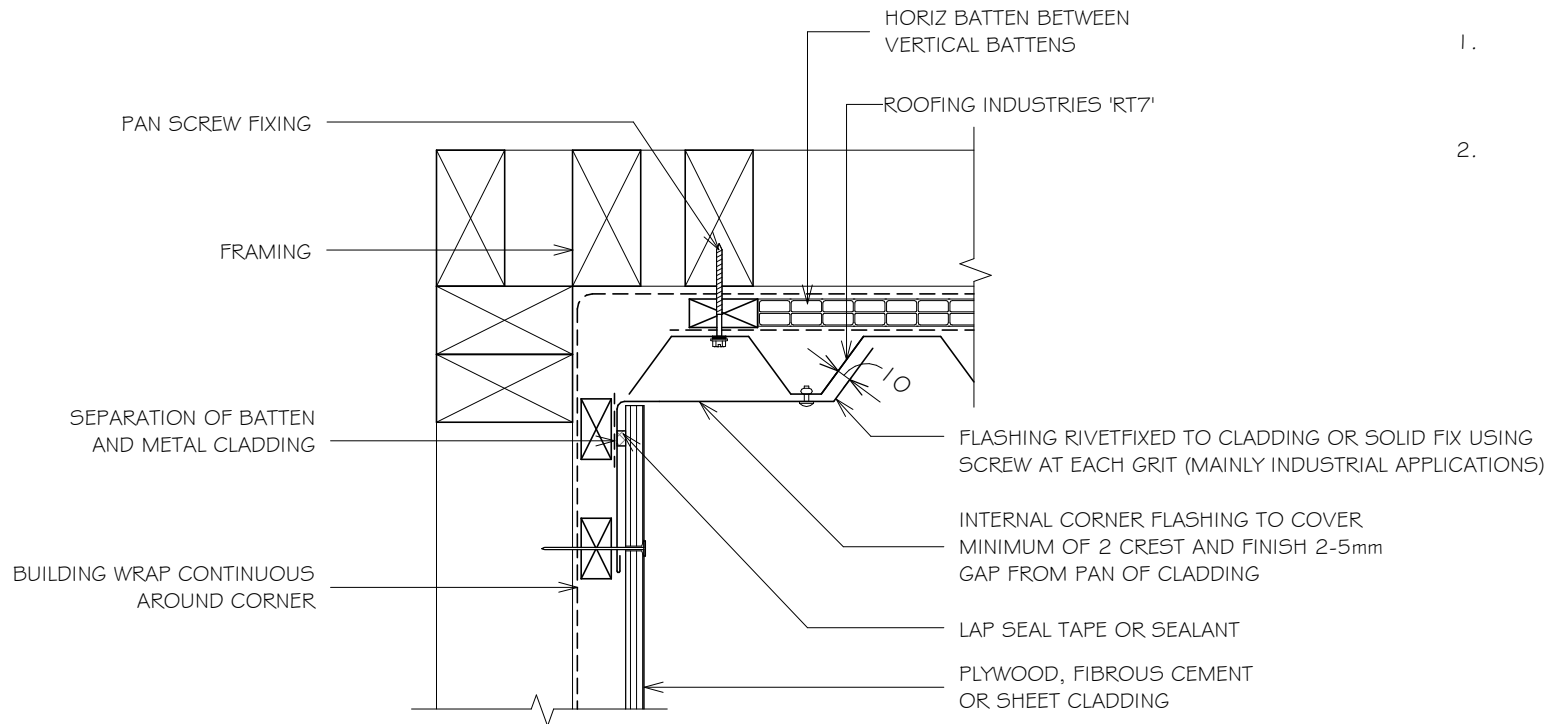
RESIDENTIAL RT7 WALL CLADDING

INTERNAL CORNER FOR VERTICAL CLADDING WITH CLADDING CHANGE

Detail Number: RI-RRTW004B-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
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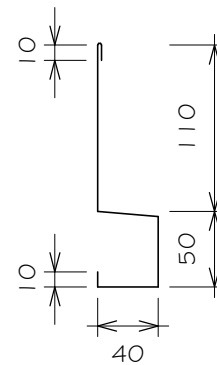
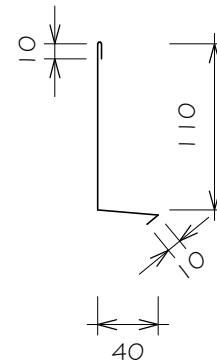
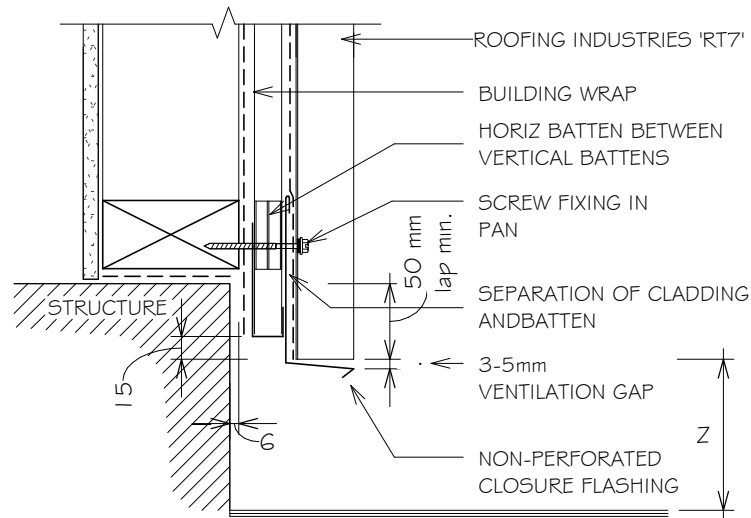
RESIDENTIAL RT7 WALL CLADDING

BOTTOM OF CLADDING FOR VERTICAL RIBLINE ON CAVITY

Detail Number: RI-RRTW005A-1

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



SET DOWN	MINIMUM
	Z
PAVED SURFACE	100mm
UNPAVED SURFACE	175mm

NOTE:

1. THE BOTTOM EDGE OF THE CLADDING SHALL OVERLAP THE FOUNDATION WALL
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
3. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

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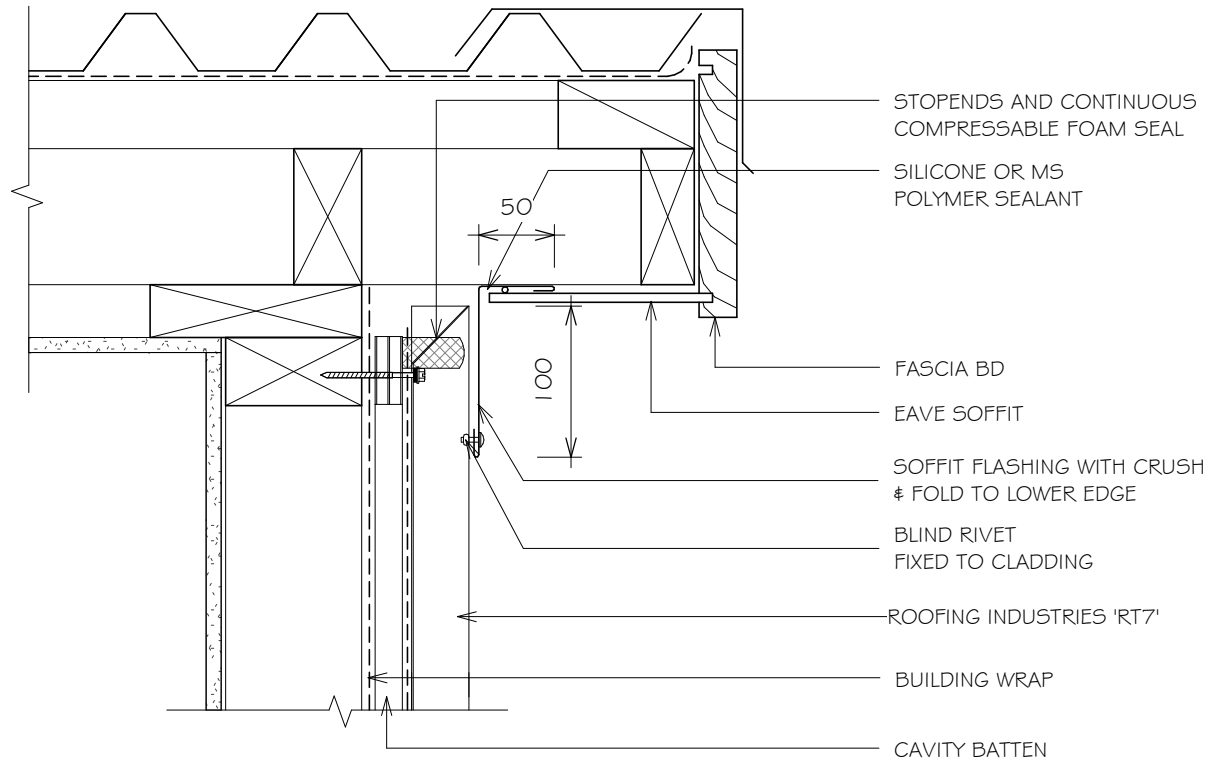
RESIDENTIAL RT7 WALL CLADDING

SOFFIT FLASHING FOR VERTICAL RIBLINE ON CAVITY

Detail Number: RI-RRTW006A-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



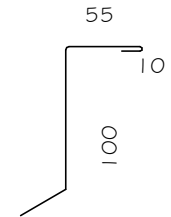
NOTES:

1. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
2. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

FLASHING OPTION 1



FLASHING OPTION 2



NOTCH CLEAR OF PAN 2-5mm

NOTES:

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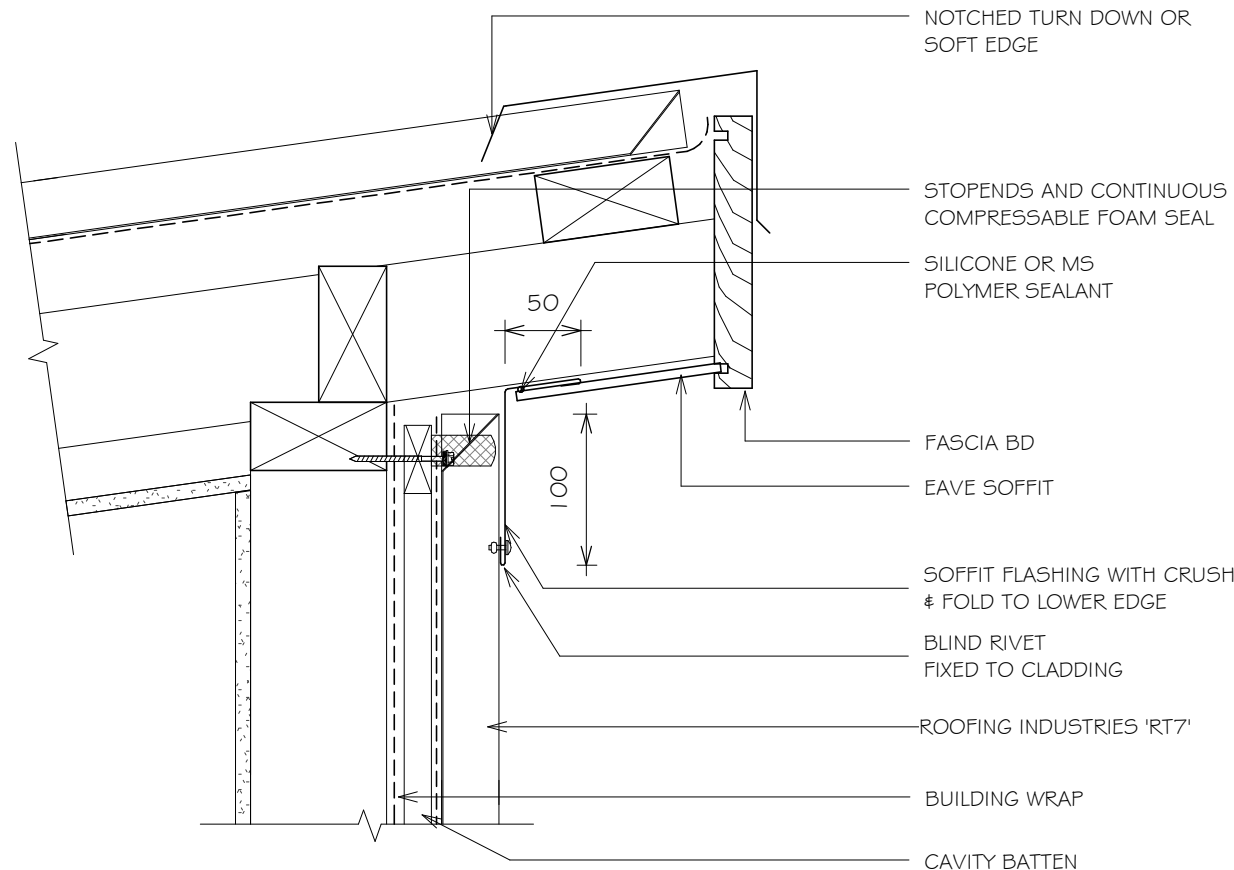
RESIDENTIAL RT7 WALL CLADDING

SLOPING SOFFIT FLASHING FOR VERTICAL RIBLINE ON CAVITY

Detail Number: RI-RRTW007A-1

Date drawn: 07/07/2017

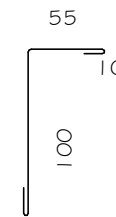
Scale: 1 : 5@ A4



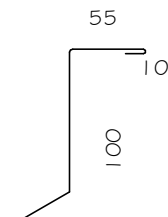
NOTES:

1. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
2. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

FLASHING OPTION 1



FLASHING OPTION 2



NOTCH CLEAR OF PAN 2-5mm

NOTES:

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RESIDENTIAL RT7 WALL CLADDING

VERTICAL BUTT JOINT - VERTICAL CLADDING ON CAVITY WITH CLADDING CHANGE (DIRECT FIXED)

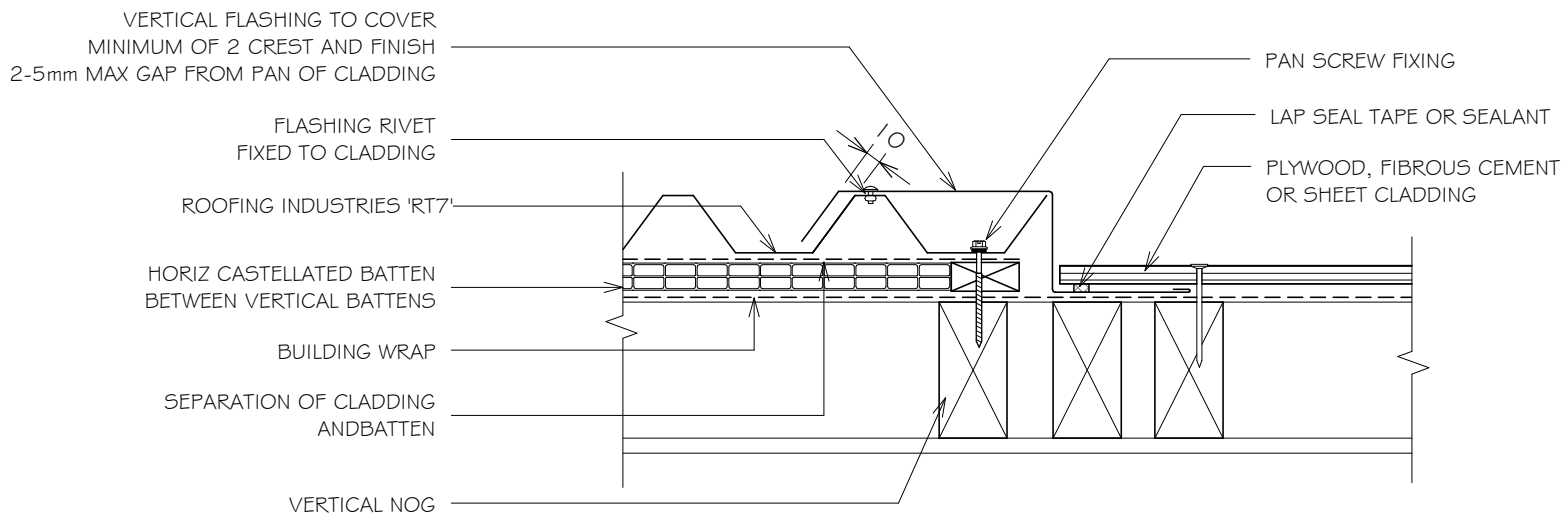
Detail Number: RI-RRTW009A-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4

NOTES:

1. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
2. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM



NOTES:

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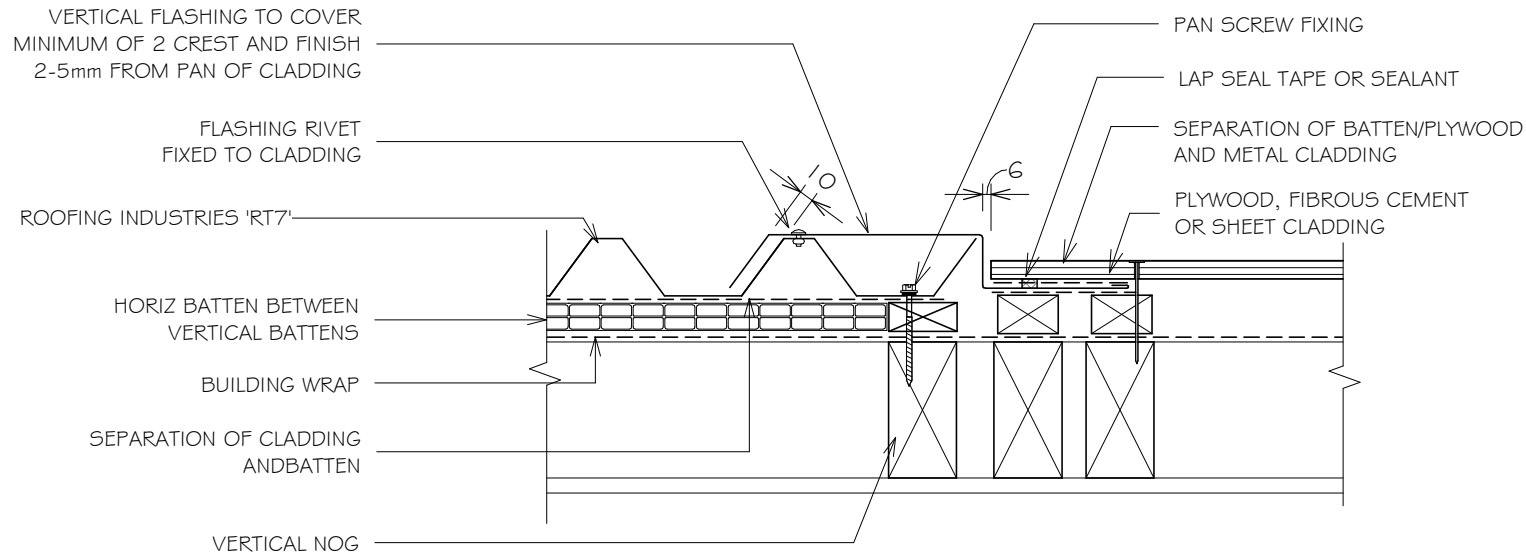
RESIDENTIAL RT7 WALL CLADDING

VERTICAL BUTT JOINT - VERTICAL CLADDING ON CAVITY WITH CLADDING CHANGE (CAVITY)

Detail Number: RI-RRTW009B-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
2. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

NOTES:

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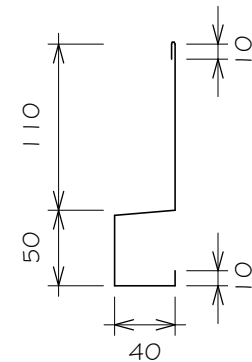
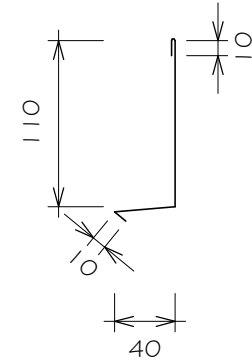
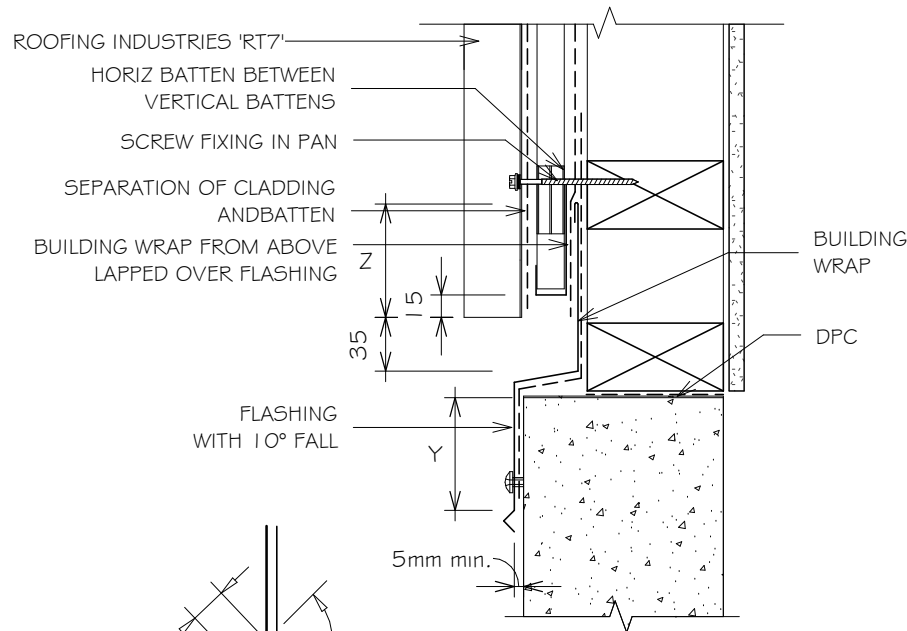
RESIDENTIAL RT7 WALL CLADDING

VERTICAL CLADDING ON CAVITY JUNCTION FLASHING

Detail Number: RI-RRTWO10A-1

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



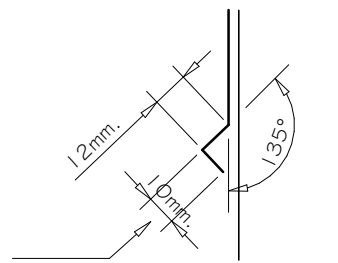
FLASHING OPTION 01

FLASHING OPTION 02

SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z	Y
SITUATION 1 ⁽¹⁾	75mm	75mm ⁽³⁾
SITUATION 2 ⁽²⁾	100mm	100mm ⁽³⁾

NOTES:

1. SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES.
2. SITUATION 2: FOR VERY HIGH & EXTRA HIGH WIND ZONES.
3. EXCLUDES DRIP EDGE.
4. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
5. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM



Bird's beak dimensions may vary between manufacturing locations

BIRD'S BEAK at bottom edge of vertical flashing

NOTES:

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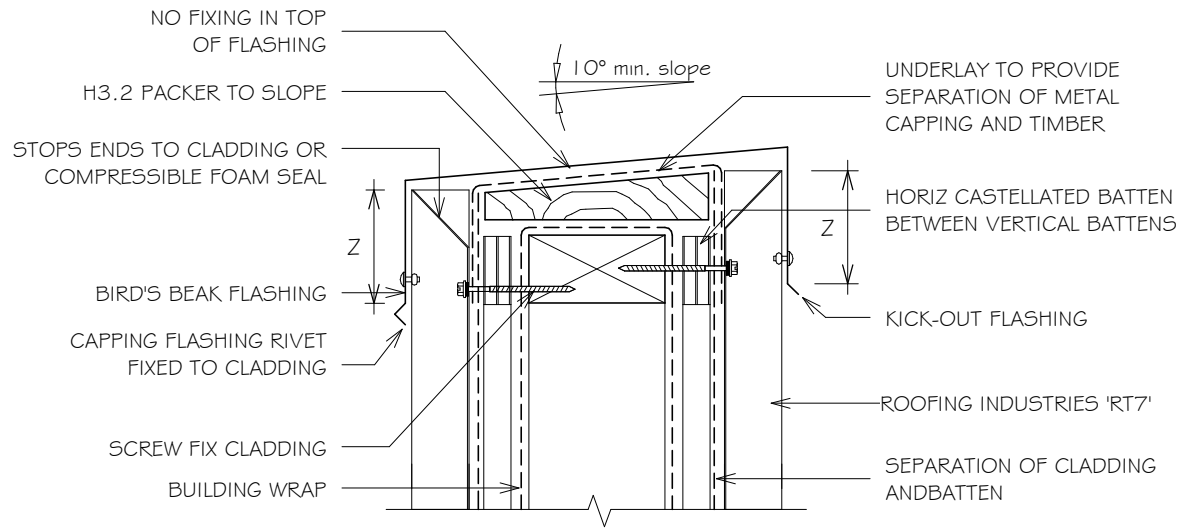


RESIDENTIAL RT7 WALL CLADDING BALUSTRADE FOR VERTICAL CLADDING ON CAVITY

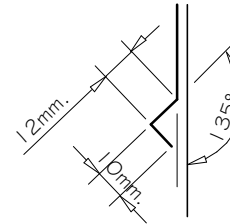
Detail Number: RI-RRTWO11A-1

Date drawn: 07/07/2017

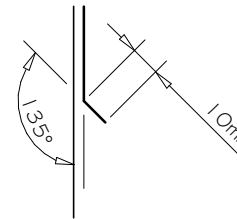
Scale: 1 : 5@ A4



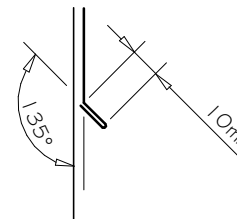
Bird's beak dimensions may vary between manufacturing locations



BIRD'S BEAK at bottom edge of vertical flashing



KICK-OUT at bottom edge of vertical flashing



KICK-OUT hem at bottom edge of vertical flashing

SITE WIND ZONE (As per NZS3604)	MINIMUM (mm)
SITUATION 1 ⁽¹⁾	75 ⁽³⁾
SITUATION 2 ⁽²⁾	100 ⁽³⁾

NOTES:

- SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES.
- SITUATION 2: FOR VERY HIGH & EXTRA HIGH WIND ZONES.
- EXCLUDES DRIP EDGE.
- CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
- CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM
- SLOPE FOR PARAPET CAP 5 DEGREES. INCREASE SLOPE FOR BALUSTRADE TO 10 DEGREES. REFER F4/AS 1.

NOTES:

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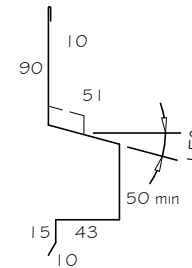
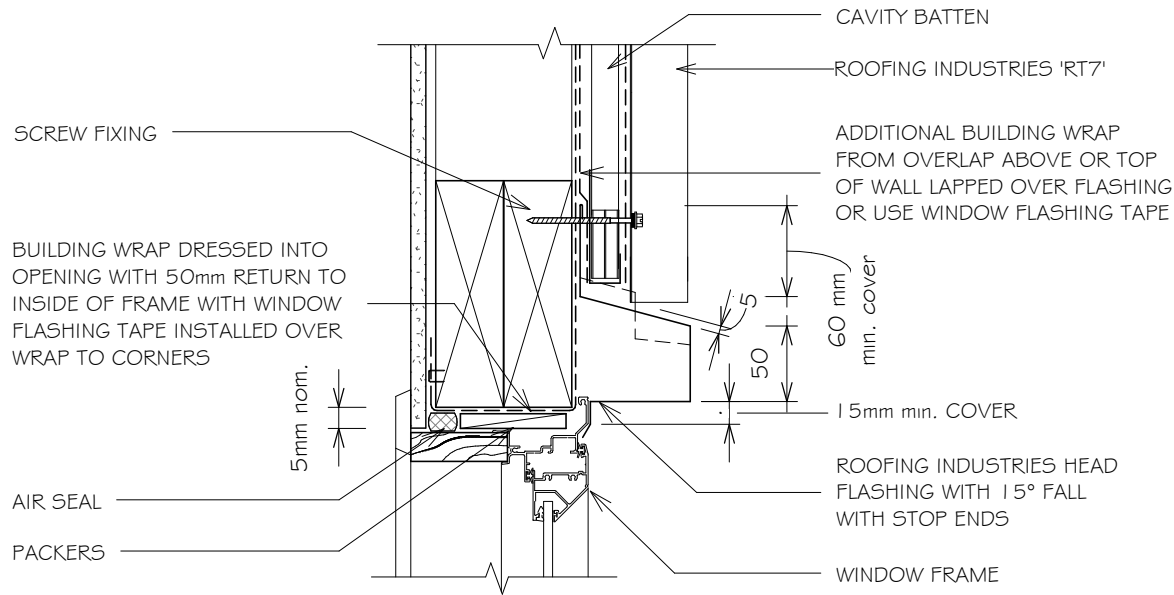


RESIDENTIAL RT7 WALL CLADDING HEAD FLASHING FOR VERTICAL CLADDING ON CAVITY (RECESSED WINDOW/DOOR)

Detail Number: RI-RRTWO12A-1

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



(Dimensions are indicative only)
Turn down end of head
flashing to jamb flashing

GENERAL NOTES:

1. REFER TO E2/AS 1 FOR GENERAL WINDOW OPENING FOR WRAPPING OF FRAMED OPENING PRIOR TO WINDOW INSTALLATION.
2. A MIN. OF 8mm EFFECTIVE COVER AT SILLS SHALL BE PERMITTED WHERE NECESSARY TO ALLOW FOR TOLERANCES.
3. WINDOW PROFILE TO BE SELECTED TO ACHIEVE COVER SHOWN IN DETAILS.
4. ARCHITRAVE'S ARE SHOWN FOR CONSISTENCY ONLY, DETAIL MAY BE USED WITH REBATED LINER.
5. WHERE SUPPORT BRACKETS ARE REQUIRED BY THE WINDOW MANUFACTURER TO CARRY THE FRAME AND GLAZING LOADS THEY MUST BE SUPPLIED AS AN INTEGRAL PART OF THE WINDOW MANUFACTURER'S RECOMMENDATIONS.
6. LIASE WITH WINDOW MANUFACTURER PRIOR TO INSTALLATION.
7. SEAL HEAD FLASHING TO WINDOW IN VERY HIGH & EXTRA HIGH WIND ZONES.
8. REFER TO E2/AS 1 FOR ALTERNATIVE.
9. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
10. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

NOTES:

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REFERENCE FLASHINGS:
NZ METAL ROOF AND WALL
CLADDING CODE OF PRACTICE
NZMRM AND E2/AS 1.
DIMENSIONS ARE INDICATIVE ONLY

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RESIDENTIAL RT7 WALL CLADDING

JAMB FLASHING FOR VERTICAL CLADDING ON CAVITY. (RECESSED WINDOW/DOOR)

Detail Number: RI-RRTWO12B-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4

BUILDING WRAP DRESSED INTO OPENING WITH 50mm RETURN TO INSIDE OF FRAME WITH WINDOW FLASHING TAPE INSTALLED OVER WRAP TO CORNERS

ROOFING INDUSTRIES BACK TRAY* FLASHING RUN FROM TOP OF HEAD FLASHING TO GROUND OR EXIT POINT

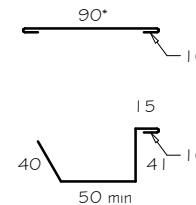
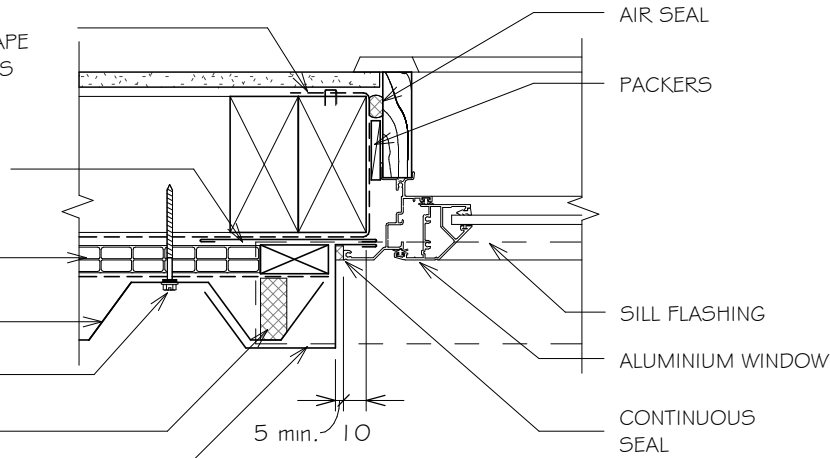
HORIZ BATTEN BETWEEN VERTICAL BATTENS

ROOFING INDUSTRIES 'RT7'

SCREW FIXING

CONTINUOUS COMPRESSIBLE FOAM SEAL

ROOFING INDUSTRIES JAMB FLASHING



* Back tray size may require to increase to ensure coverage at ends of head flashing.
(Dimensions are indicative only)
Turn down end of head flashing

GENERAL NOTES:

1. REFER TO E2/AS 1 FOR GENERAL WINDOW OPENING FOR WRAPPING OF FRAMED OPENING PRIOR TO WINDOW INSTALLATION.
2. A MIN. OF 8mm EFFECTIVE COVER AT SILLS SHALL BE PERMITTED WHERE NECESSARY TO ALLOW FOR TOLERANCES.
3. WINDOW PROFILE TO BE SELECTED TO ACHIEVE COVER SHOWN IN DETAILS.
4. ARCHITRAVE'S ARE SHOWN FOR CONSISTENCY ONLY, DETAIL MAY BE USED WITH REBATED LINER.
5. WHERE SUPPORT BRACKETS ARE REQUIRED BY THE WINDOW MANUFACTURER TO CARRY THE FRAME AND GLAZING LOADS THEY MUST BE SUPPLIED AS AN INTEGRAL PART OF THE WINDOW MANUFACTURER'S RECOMMENDATIONS.
6. LIASE WITH WINDOW MANUFACTURER PRIOR TO INSTALLATION.
7. REFER TO E2/AS 1 FOR ALTERNATIVE.
8. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
9. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

NOTES:

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REFERENCE FLASHINGS: NZ METAL ROOF AND WALL CLADDING CODE OF PRACTICE NZMRM AND E2/AS 1. DIMENSIONS ARE INDICATIVE ONLY

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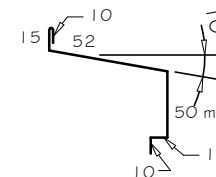
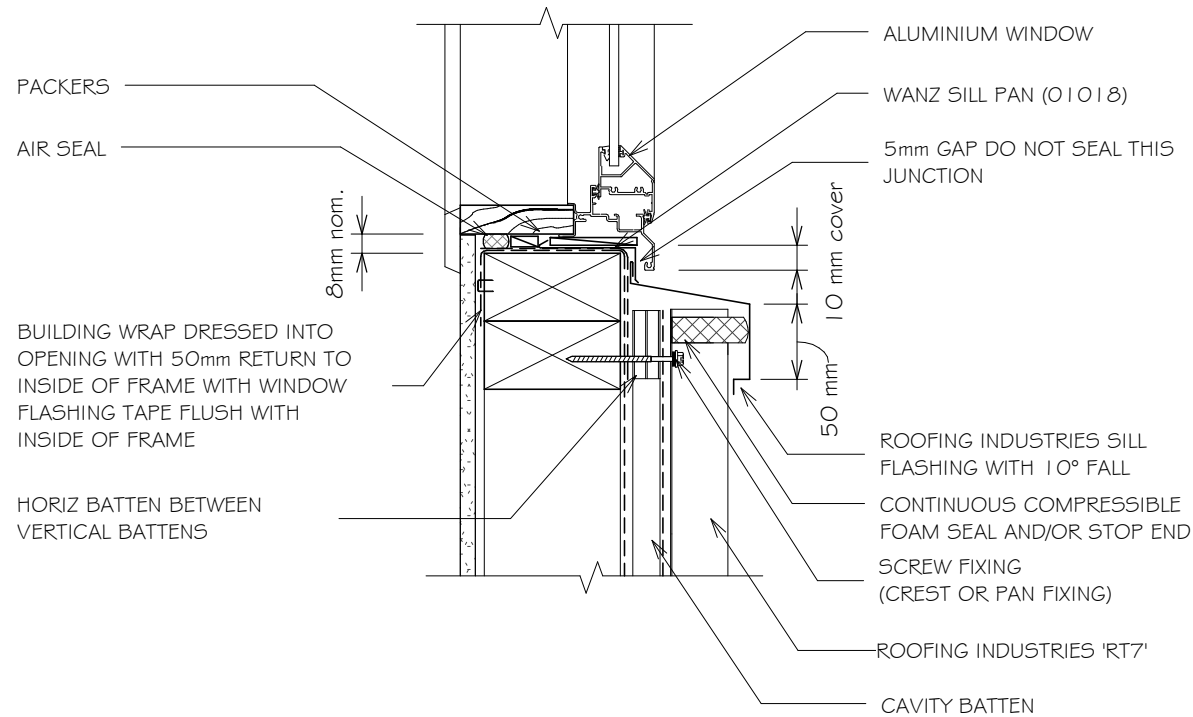
RESIDENTIAL RT7 WALL CLADDING

SILL FLASHING FOR VERTICAL CLADDING ON CAVITY. (RECESSED WINDOW/DOOR)

Detail Number: RI-RRTWO12C-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



Sill flashings stop ended to receive jamb flashings
(Dimensions are indicative only
show minimum lap covers)

GENERAL NOTES:

1. REFER TO E2/AS 1 FOR GENERAL WINDOW OPENING FOR WRAPPING OF FRAMED OPENING PRIOR TO WINDOW INSTALLATION.
2. A MIN. OF 8mm EFFECTIVE COVER AT SILLS SHALL BE PERMITTED WHERE NECESSARY TO ALLOW FOR TOLERANCES.
3. WINDOW PROFILE TO BE SELECTED TO ACHIEVE COVER SHOWN IN DETAILS.
4. ARCHITRAVE'S ARE SHOWN FOR CONSISTENCY ONLY, DETAIL MAY BE USED WITH REBATED LINER.
5. WHERE SUPPORT BRACKETS ARE REQUIRED BY THE WINDOW MANUFACTURER TO CARRY THE FRAME AND GLAZING LOADS THEY MUST BE SUPPLIED AS AN INTEGRAL PART OF THE WINDOW MANUFACTURER'S RECOMMENDATIONS.
6. LIASE WITH WINDOW MANUFACTURER PRIOR TO INSTALLATION.
7. REFER TO E2/AS 1 FOR ALTERNATIVE.
8. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
9. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

REFERENCE FLASHINGS:
NZ METAL ROOF AND WALL
CLADDING CODE OF PRACTICE
NZMRM AND E2/AS 1.
DIMENSIONS ARE INDICATIVE ONLY

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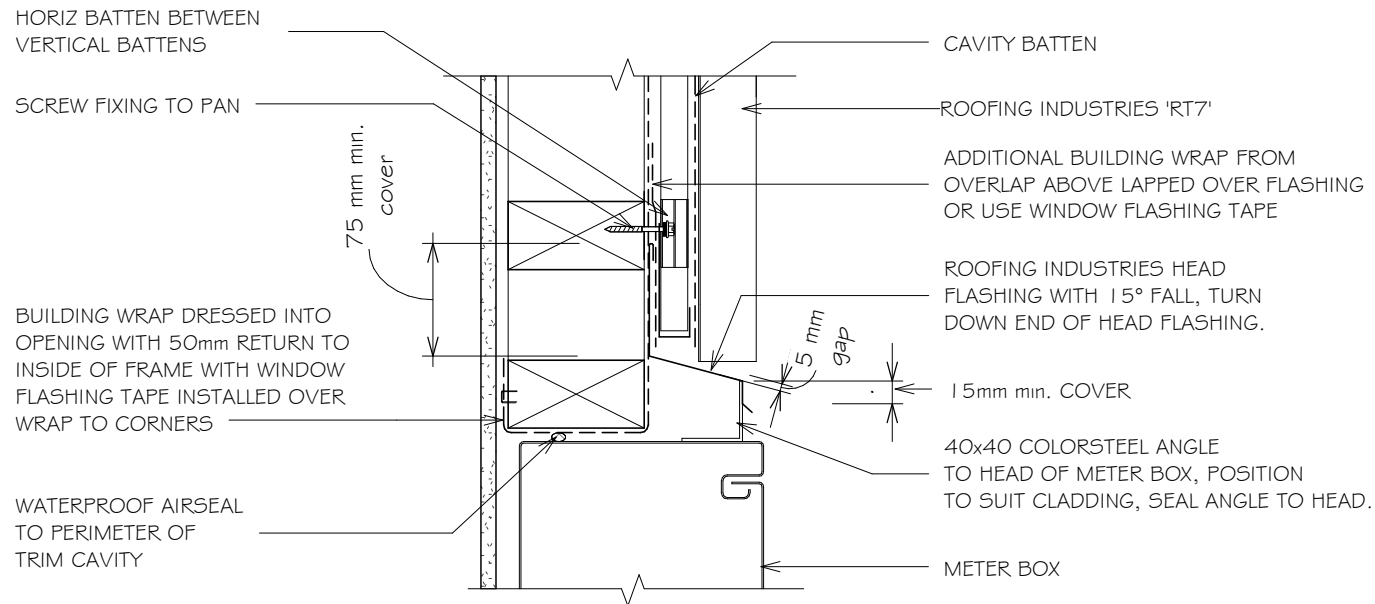
RESIDENTIAL RT7 WALL CLADDING

METER BOX HEAD FLASHING FOR VERTICAL CLADDING ON CAVITY

Detail Number: RI-RRTWO15A-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. REFER TO E2/AS1 FOR GENERAL METERBOX AND SIMILAR PENETRATIONS / OPENINGS.
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
3. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

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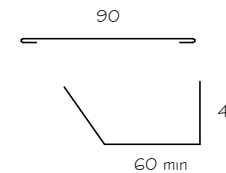
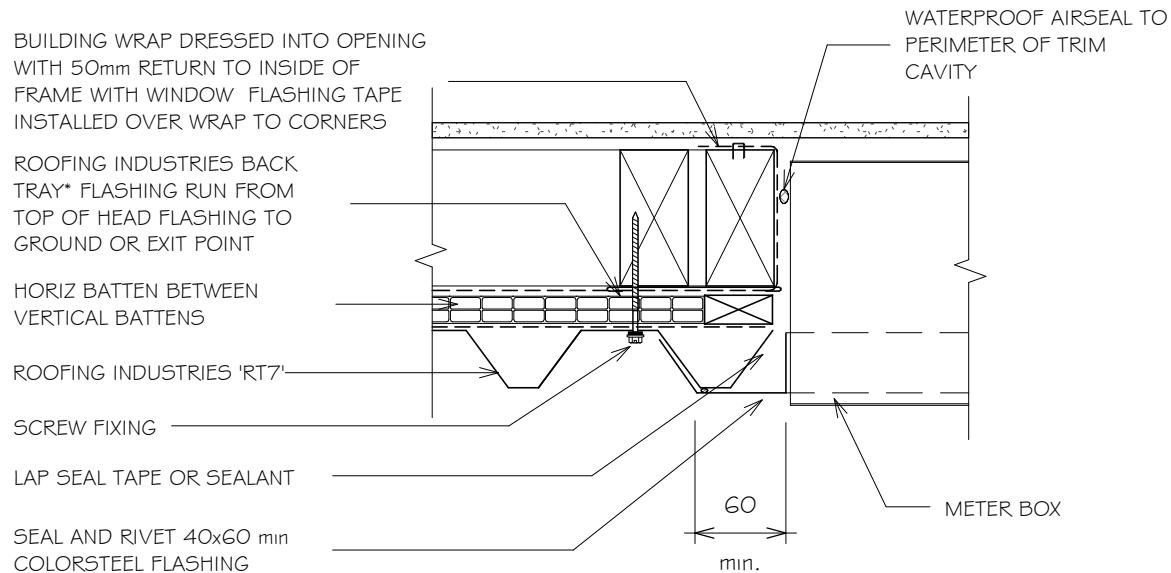
RESIDENTIAL RT7 WALL CLADDING

METER BOX SIDE FLASHING FOR VERTICAL CLADDING ON CAVITY

Detail Number: RI-RRTWO16A-1

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



* Back tray size may require to increase to ensure coverage at ends of head flashing. (Dimensions are indicative only)
Turn down end of head flashing

NOTES:

1. REFER TO E2/AS1 FOR GENERAL METERBOX AND SIMILAR PENETRATIONS / OPENINGS.
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM
- 3.

NOTES:

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RESIDENTIAL RT7 WALL CLADDING

METER BOX BASE FLASHING FOR VERTICAL CLADDING ON CAVITY

Detail Number: RI-RRTWO17A-1

Date drawn: 07/07/2017

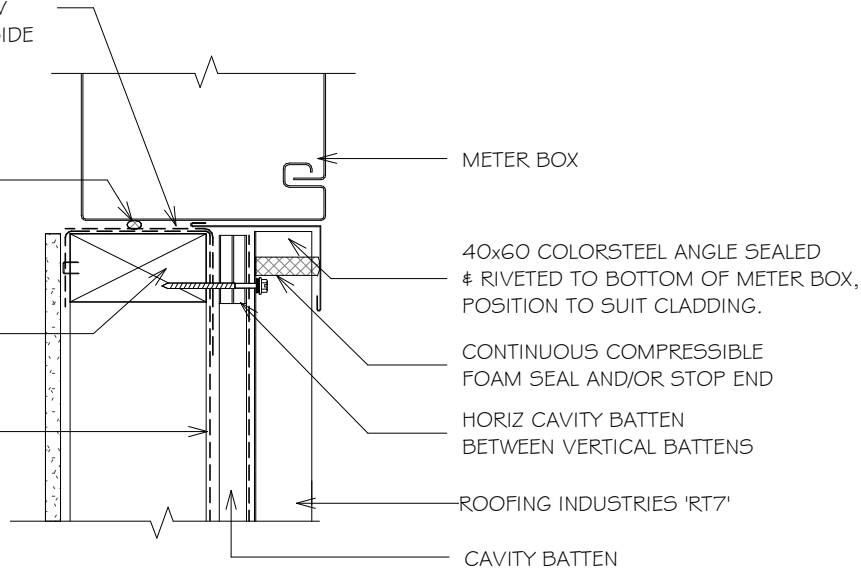
Scale: 1 : 5@ A4

BUILDING WRAP DRESSED INTO
OPENING WITH 50mm RETURN TO
INSIDE OF FRAME WITH WINDOW
FLASHING TAPE FLUSH WITH INSIDE
OF FRAME

WATERPROOF AIRSEAL TO
PERIMETER OF TRIM CAVITY

SCREW FIXING TO
PAN

BUILDING WRAP



METER BOX

40x60 COLORSTEEL ANGLE SEALED
& RIVETED TO BOTTOM OF METER BOX,
POSITION TO SUIT CLADDING.

CONTINUOUS COMPRESSIBLE
FOAM SEAL AND/OR STOP END

HORIZ CAVITY BATTEN
BETWEEN VERTICAL BATTENS

ROOFING INDUSTRIES 'RT7'

CAVITY BATTEN

NOTES:

1. REFER TO E2/AS1 FOR GENERAL METERBOX AND SIMILAR PENETRATIONS / OPENINGS.
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPERATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING
3. CASTELLATED BATTEN, DRAINAGE PLASTIC BATTEN OR APPROVED DRAINED BATTEN CAN BE USED WITH THIS SYSTEM

NOTES:

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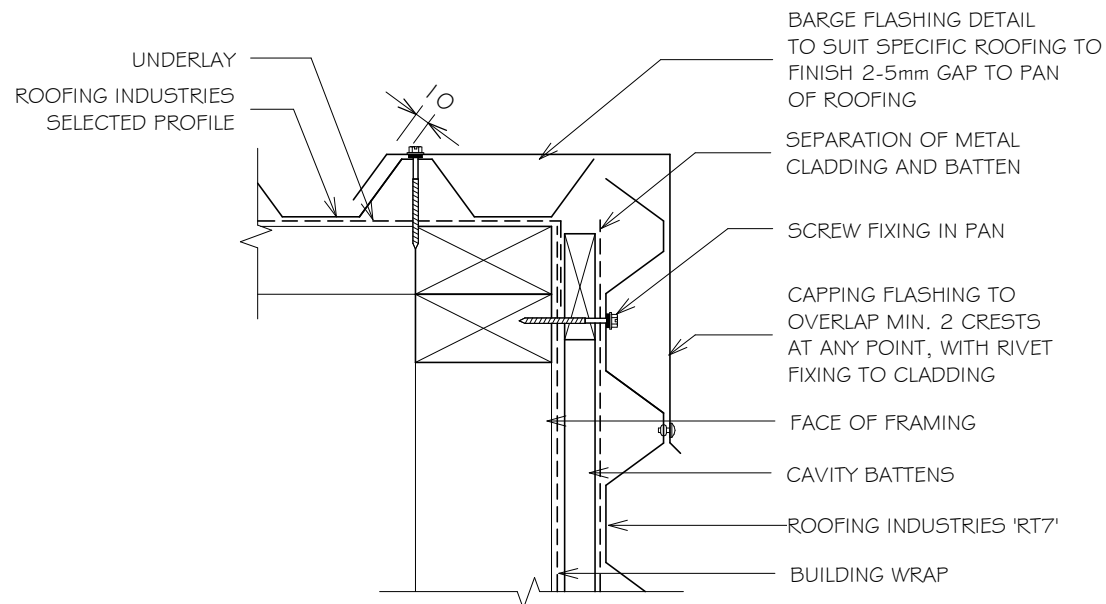
RESIDENTIAL RT7 WALL CLADDING

BARGE DETAIL FOR HORIZONTAL CLADDING (KICK OUT)

Detail Number: RI-RRTWO21A

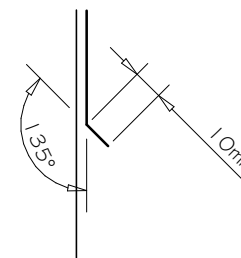
Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.
3. REFER TO E2/AS1 FOR COVER OF FLASHING AND/OR MRM CODE OF PRACTICE.



KICK-OUT at bottom edge of vertical flashing

NOTES:

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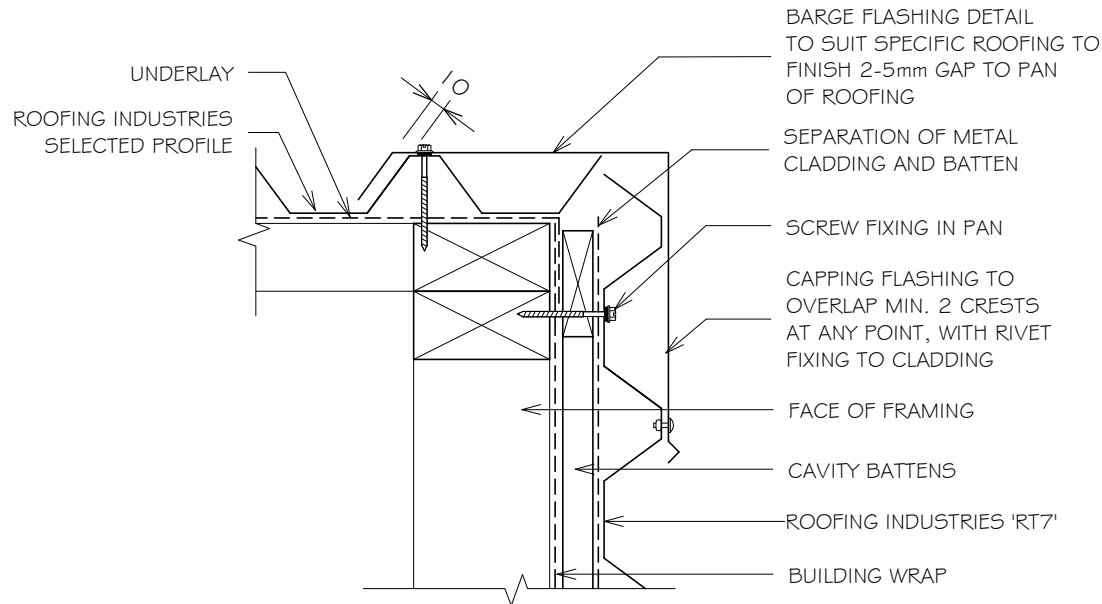
RESIDENTIAL RT7 WALL CLADDING

BARGE DETAIL FOR HORIZONTAL CLADDING (BIRDS BEAK)

Detail Number: RI-RRTWO21B

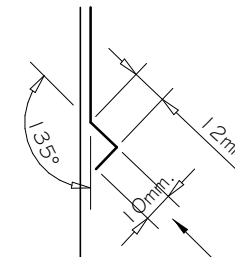
Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.
3. REFER TO E2/AS 1 FOR COVER OF FLASHING AND/OR MRM CODE OF PRACTICE.



Bird's beak dimension may vary between manufacturing locations.

BIRD'S BEAK at bottom edge of vertical flashing

NOTES:

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RESIDENTIAL RT7 WALL CLADDING

EXTERNAL CORNER FLASHING FOR HORIZONTAL CLADDING

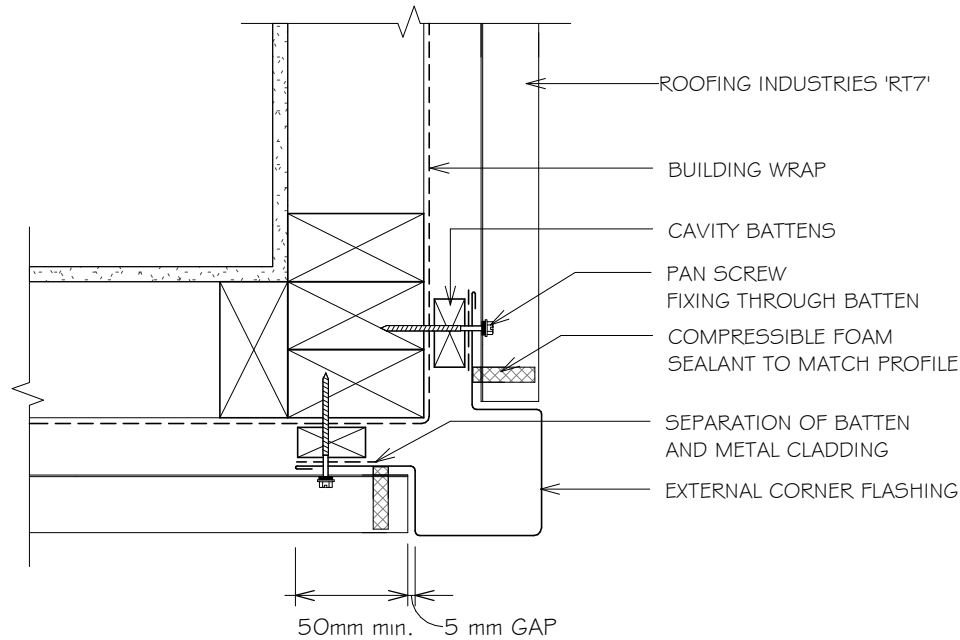
Detail Number: RI-RRTWO23A

Date drawn: 07/07/2017

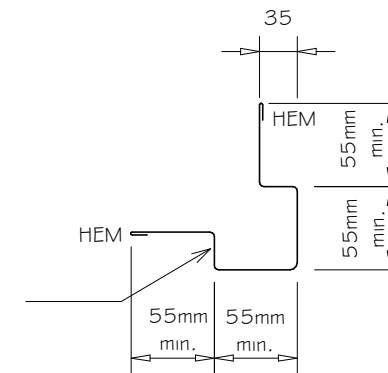
Scale: 1 : 5@ A4

NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.



FLASHING TO COVER END OF METAL PROFILE CLADDING



NOTES:

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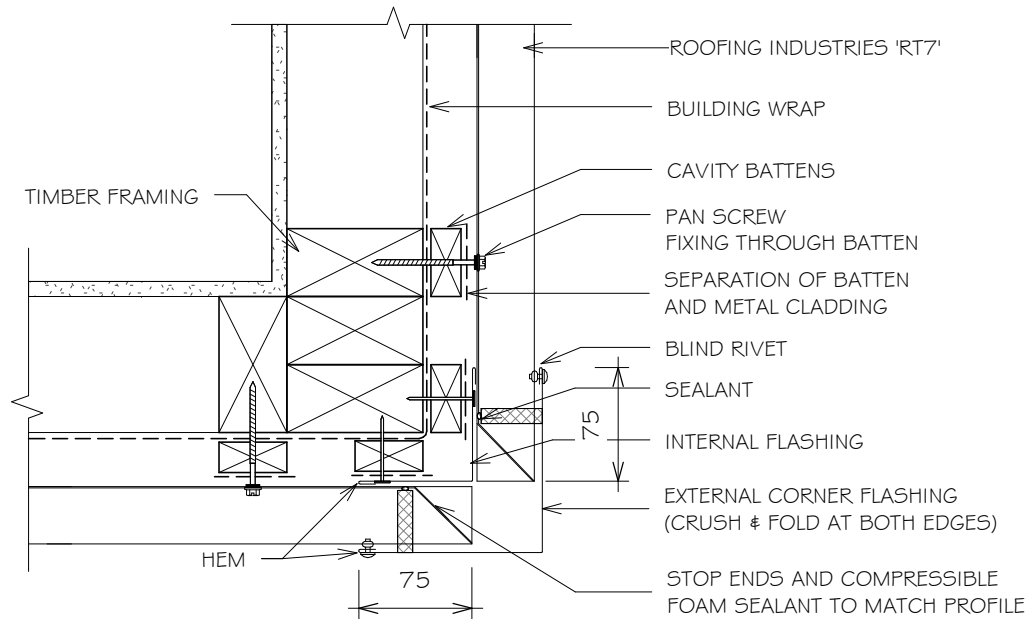
RESIDENTIAL RT7 WALL CLADDING

ALTERNATIVE EXTERNAL CORNER FLASHING FOR HORIZONTAL CLADDING

Detail Number: RI-RRTWO23B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.

NOTES:

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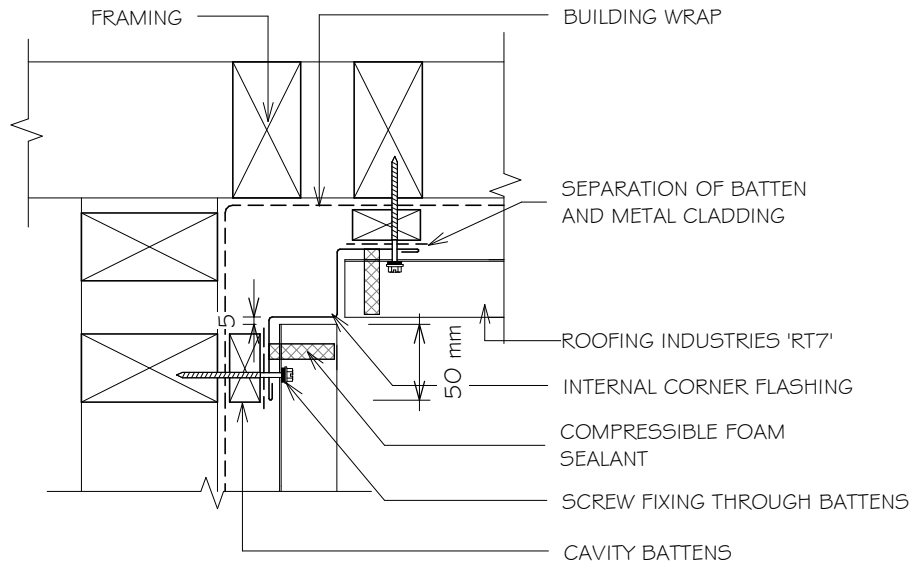


RESIDENTIAL RT7 WALL CLADDING INTERNAL CORNER FLASHING FOR HORIZONTAL CLADDING

Detail Number: RI-RRTWO24A

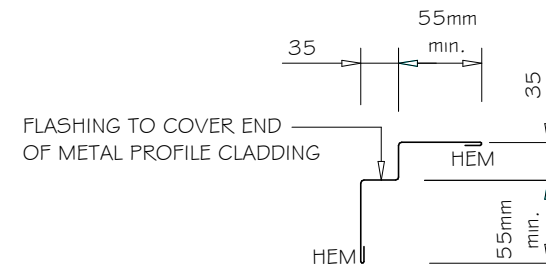
Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.



NOTES:

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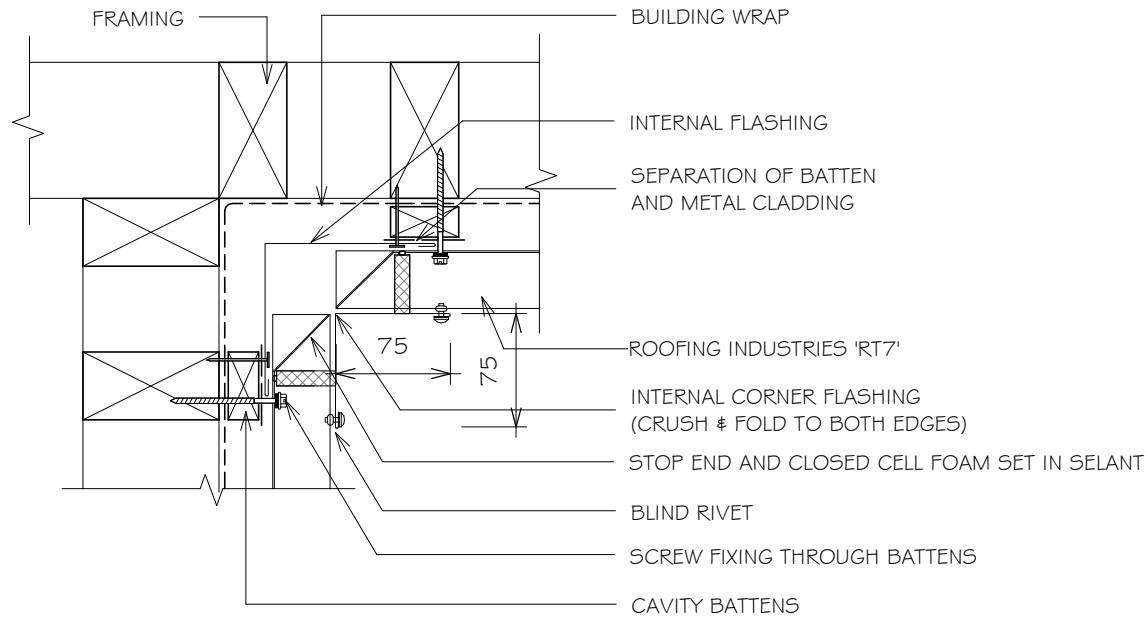
RESIDENTIAL RT7 WALL CLADDING

ALTERNATIVE INTERNAL CORNER FLASHING FOR HORIZONTAL CLADDING

Detail Number: RI-RRTWO24B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
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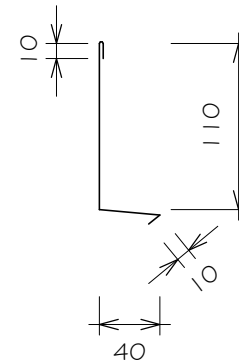
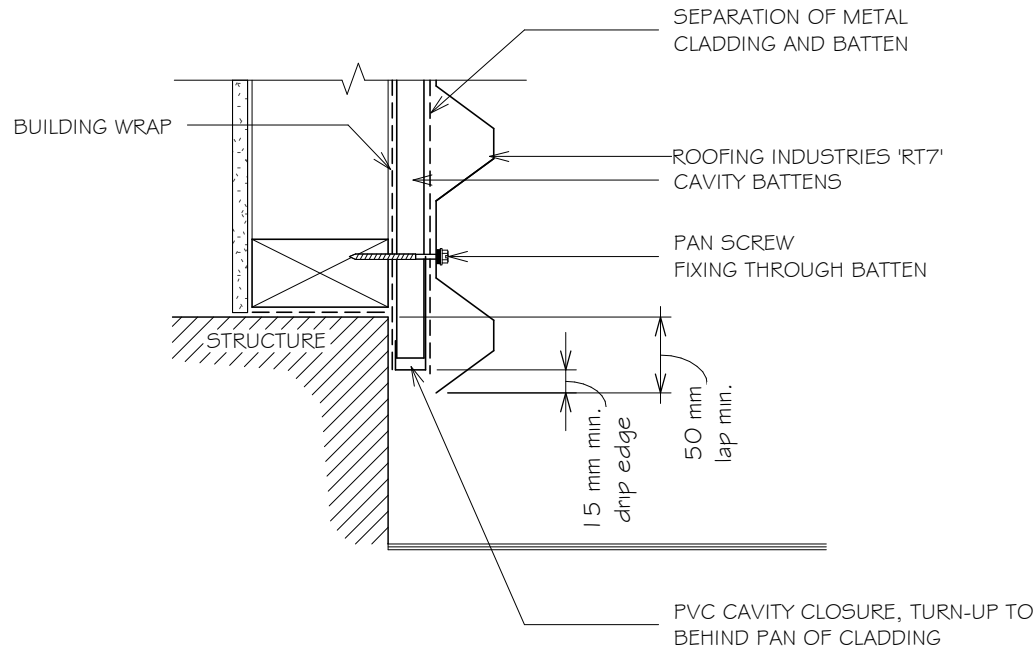
RESIDENTIAL RT7 WALL CLADDING

BOTTOM OF CLADDING FOR HORIZONTAL RIBLINE

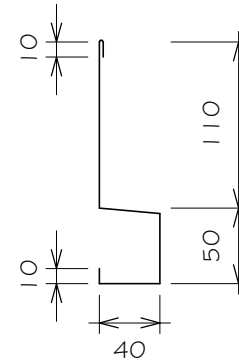
Detail Number: RI-RRTWO25A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



FLASHING OPTION 01



FLASHING OPTION 02

SET DOWN	MINIMUM
	Z
PAVED SURFACE	100mm
UNPAVED SURFACE	175mm

NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
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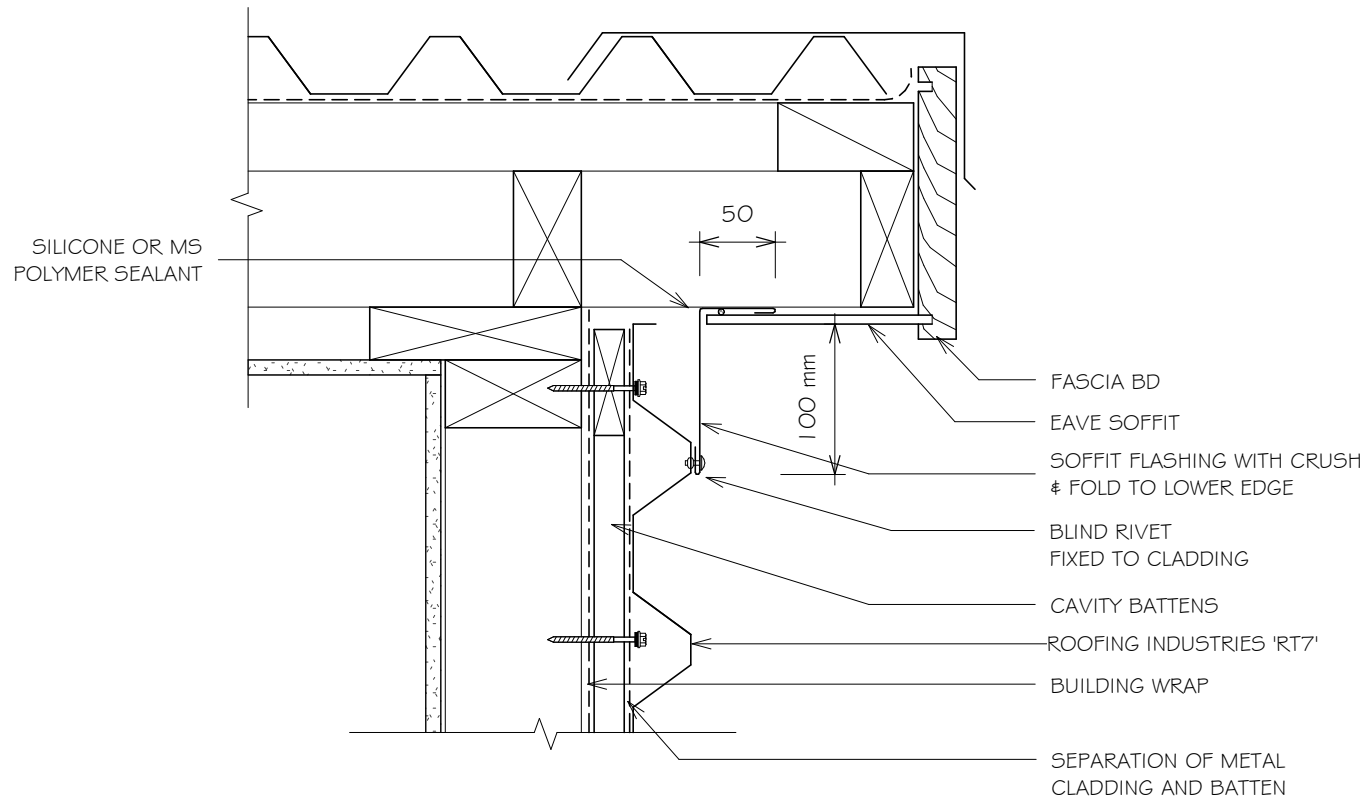
RESIDENTIAL RT7 WALL CLADDING

SOFFIT FLASHING FOR HORIZONTAL RIBLINE

Detail Number: RI-RRTWO26A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



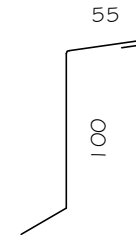
NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.

FLASHING OPTION 1



FLASHING OPTION 2



NOTES:

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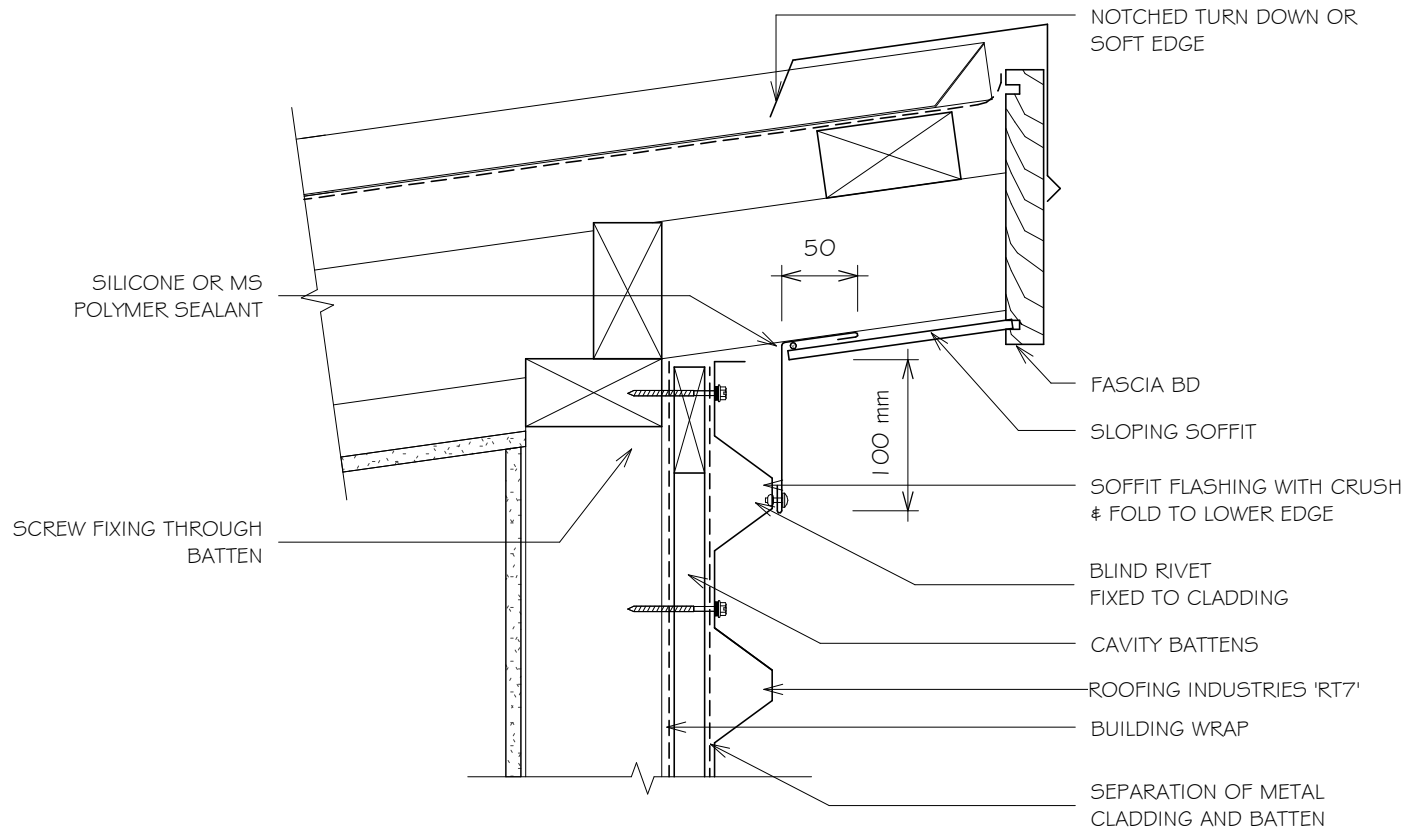
RESIDENTIAL RT7 WALL CLADDING

SLOPING SOFFIT FLASHING FOR HORIZONTAL RIBLINE

Detail Number: RI-RRTWO27A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



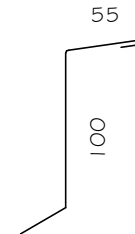
NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.

FLASHING OPTION 1



FLASHING OPTION 2



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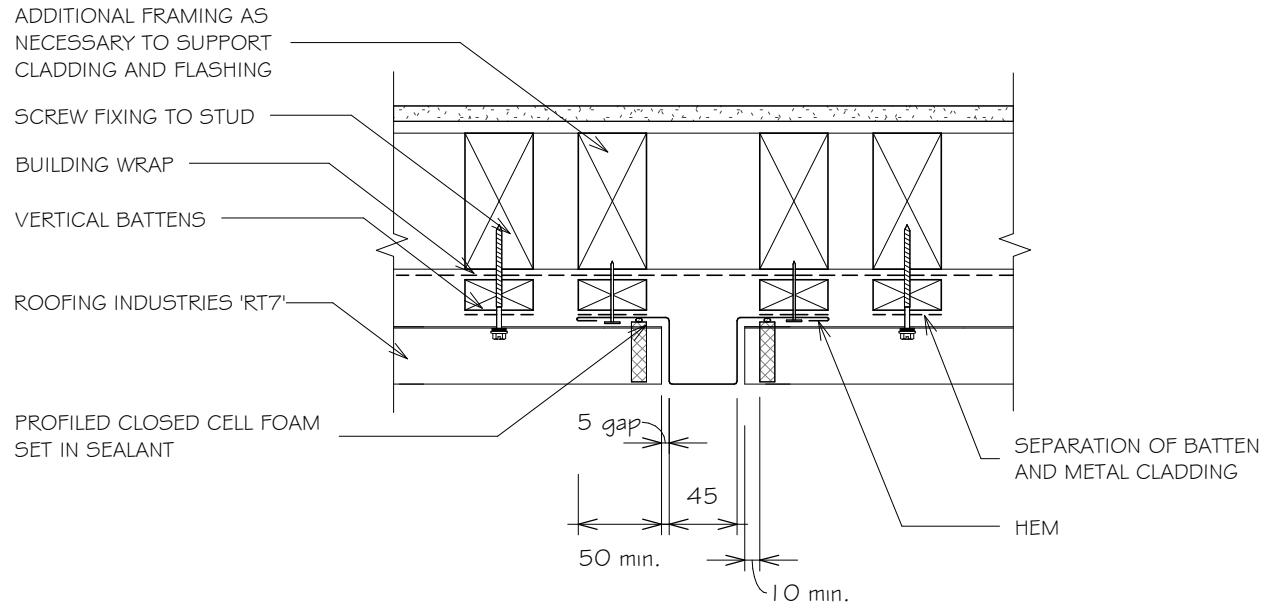
RESIDENTIAL RT7 WALL CLADDING

VERTICAL BUTT JOINT FOR HORIZONTAL CLADDING

Detail Number: RI-RRTWO28A

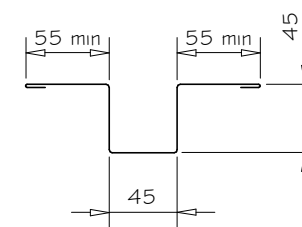
Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
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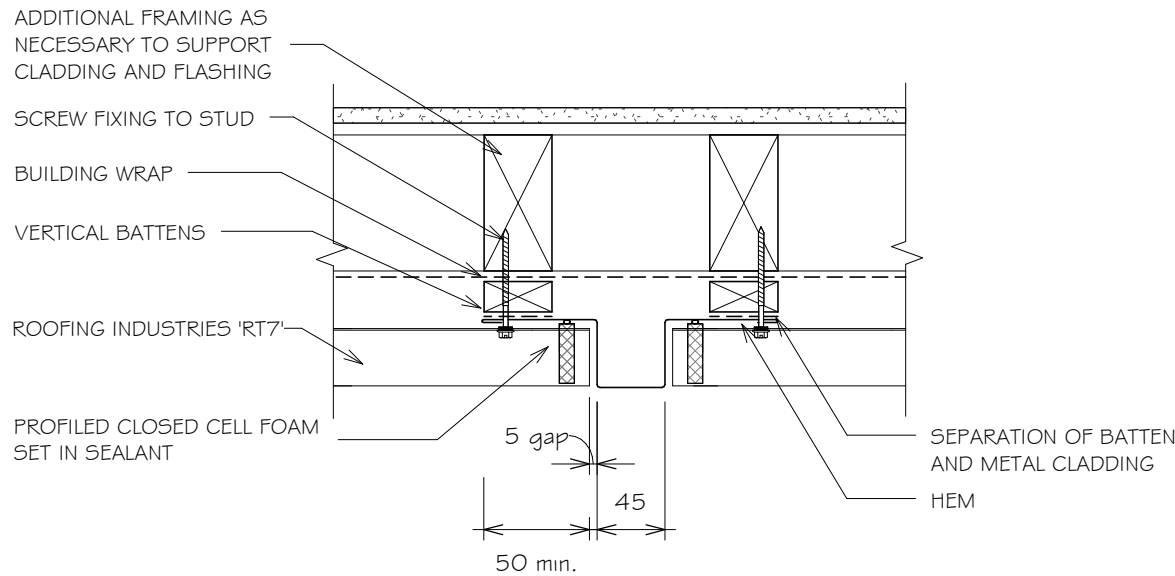
RESIDENTIAL RT7 WALL CLADDING

VERTICAL BUTT JOINT FOR HORIZONTAL CLADDING, OPT 2

Detail Number: RI-RRTW028B

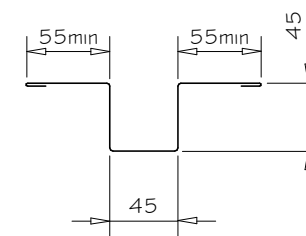
Date drawn: 07/07/2017

Scale: 1 : 5@ A4



NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
2. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.



NOTES:

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RESIDENTIAL RT7 WALL CLADDING

VERTICAL BUTT JOINT FOR HORIZONTAL CLADDING TO ALTERNATIVE CLADDING (UP TO 25MM)

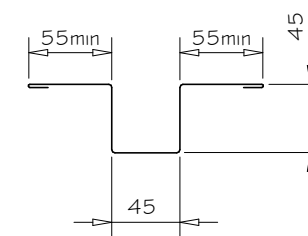
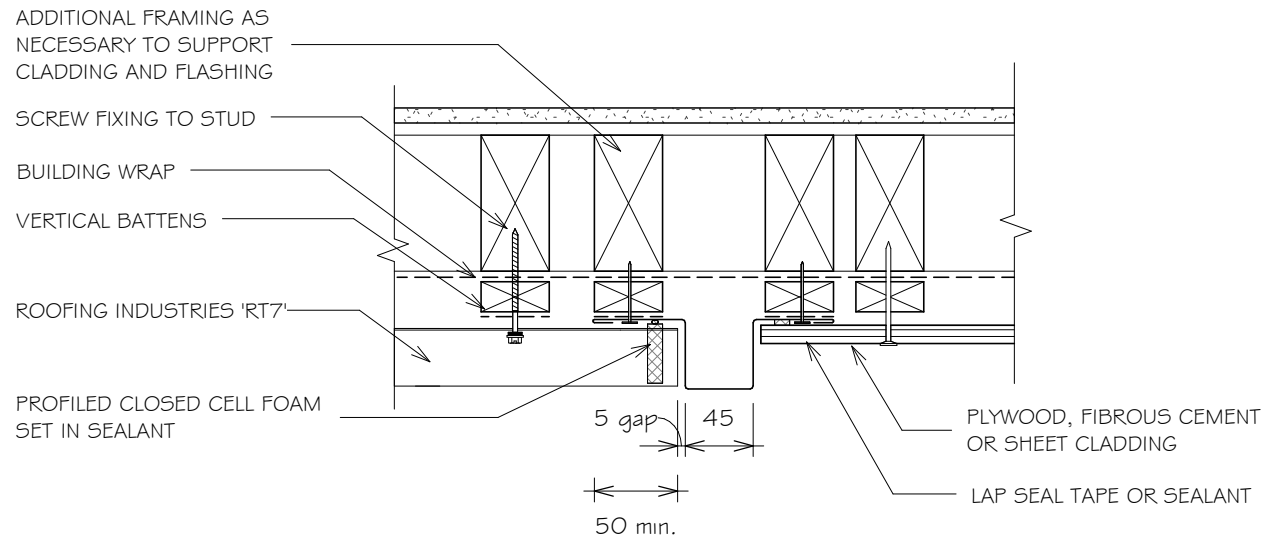
Detail Number: RI-RRTWO29A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4

NOTES:

1. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
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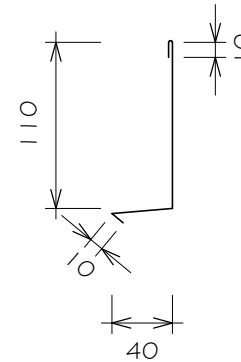
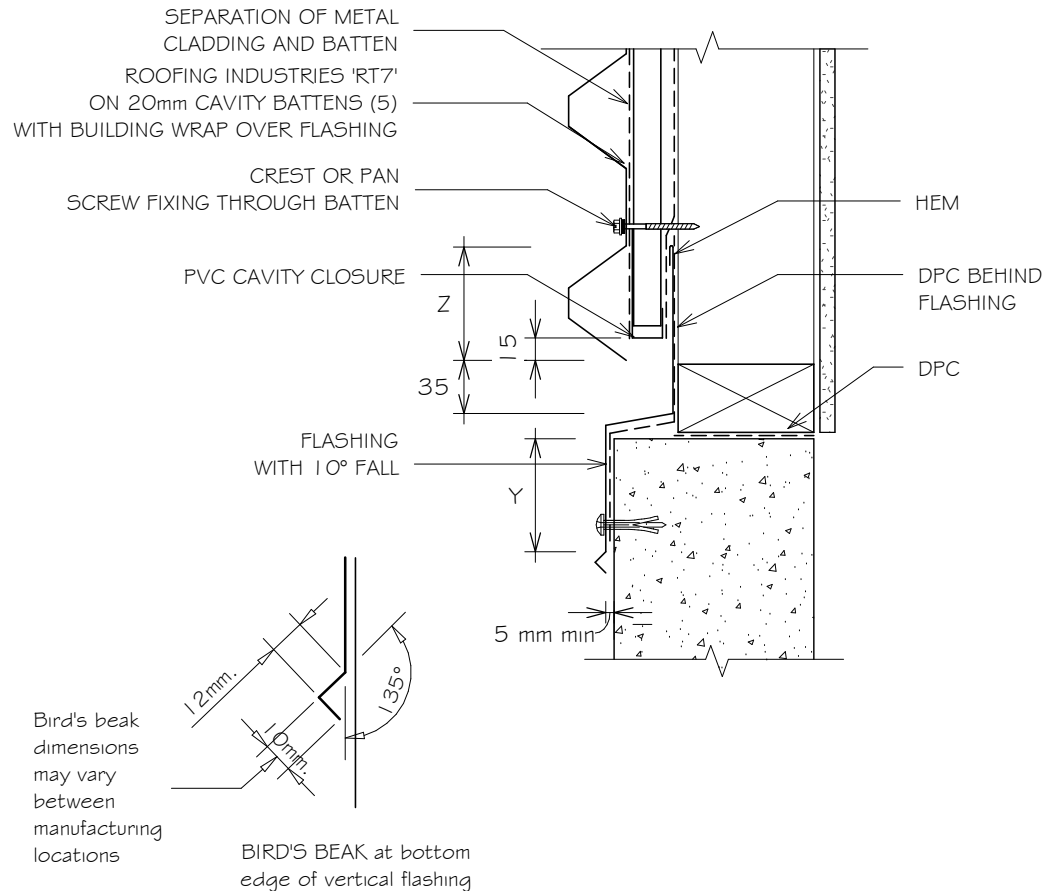


RESIDENTIAL RT7 WALL CLADDING HORIZONTAL CLADDING JUNCTION FLASHING

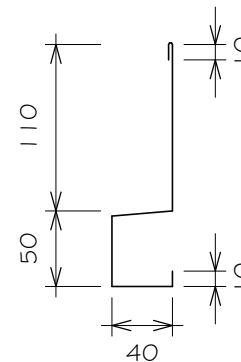
Detail Number: RI-RRTWO30A

Date drawn: 07/07/2017

Scale: 1 : 5 @ A4



FLASHING OPTION 01



FLASHING OPTION 02

SITE WIND ZONE (As per NZS3604)	MINIMUM	
	Z	Y
SITUATION 1 ⁽¹⁾	75mm	75mm ⁽³⁾
SITUATION 2 ⁽²⁾	100mm	100mm ⁽³⁾

NOTES:

1. SITUATION 1 : IN LOW, MEDIUM OR HIGH WIND ZONES.
2. SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES.
3. EXCLUDES DRIP EDGE.
4. MINIMUM 12 GAUGE WITH 30mm PENETRATION INTO FRAMING TIMBER TEKSCREW WITH NEO. (USE STEELTEK FOR STEEL FRAMING)
5. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.

NOTES:

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- Underlay selection and building wrap types are the responsibility of the designer. When rigid wall underlay is required it is the designers responsibility to ensure the correct type is used and follow the manufacturers recommendation for installation.
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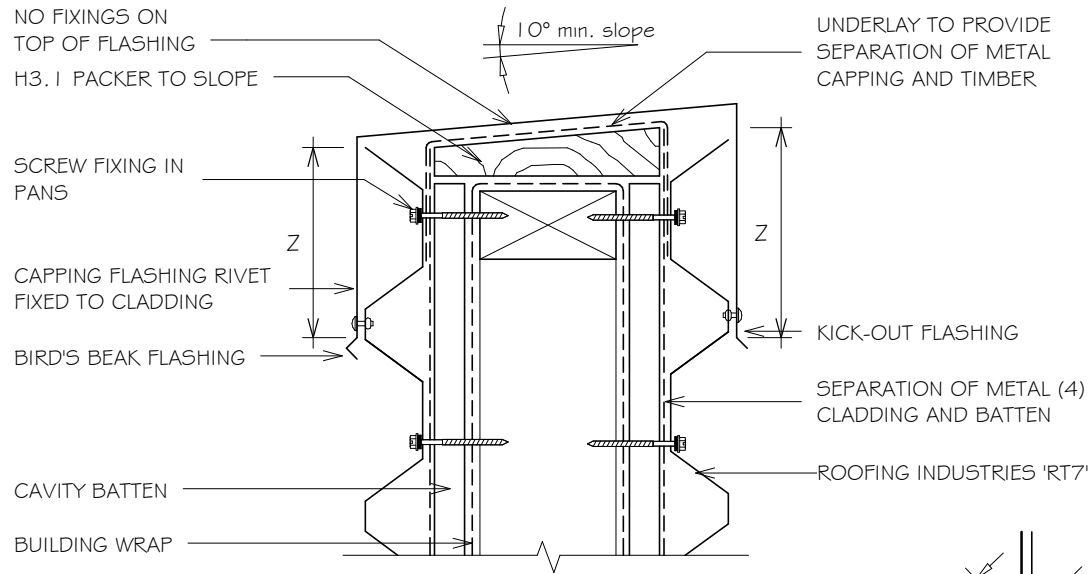


RESIDENTIAL RT7 WALL CLADDING BALUSTRADE FOR HORIZONTAL CLADDING

Detail Number: RI-RRTWO3 | A

Date drawn: 07/07/2017

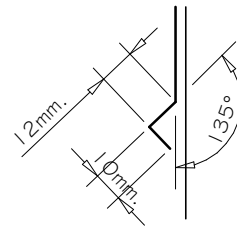
Scale: 1 : 5 @ A4



SITE WIND ZONE (As per NZS3604)	MINIMUM (mm)
SITUATION 1 ⁽¹⁾	75 or 2 ⁽³⁾ corrugations min
SITUATION 2 ⁽²⁾	100 or 2 ⁽³⁾ corrugations min

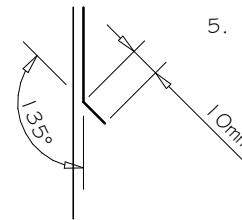
NOTES:

1. SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES.
2. SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH & EXTRA HIGH WIND ZONES.
3. EXCLUDES DRIP EDGE.
4. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.
5. SLOPE FOR PARAPET CAP 5 DEGREES. INCREASE SLOPE FOR BALUSTRADE TO 10 DEGREES. REFER F4/AS 1.



Bird's beak dimensions may vary between manufacturing locations

BIRD'S BEAK at bottom edge of vertical flashing



KICK-OUT at bottom edge of vertical flashing

NOTES:

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- Underlay selection and building wrap types are the responsibility of the designer. When rigid wall underlay is required it is the designers responsibility to ensure the correct type is used and follow the manufacturers recommendation for installation.
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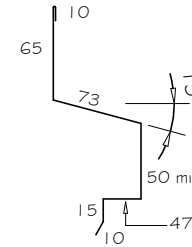
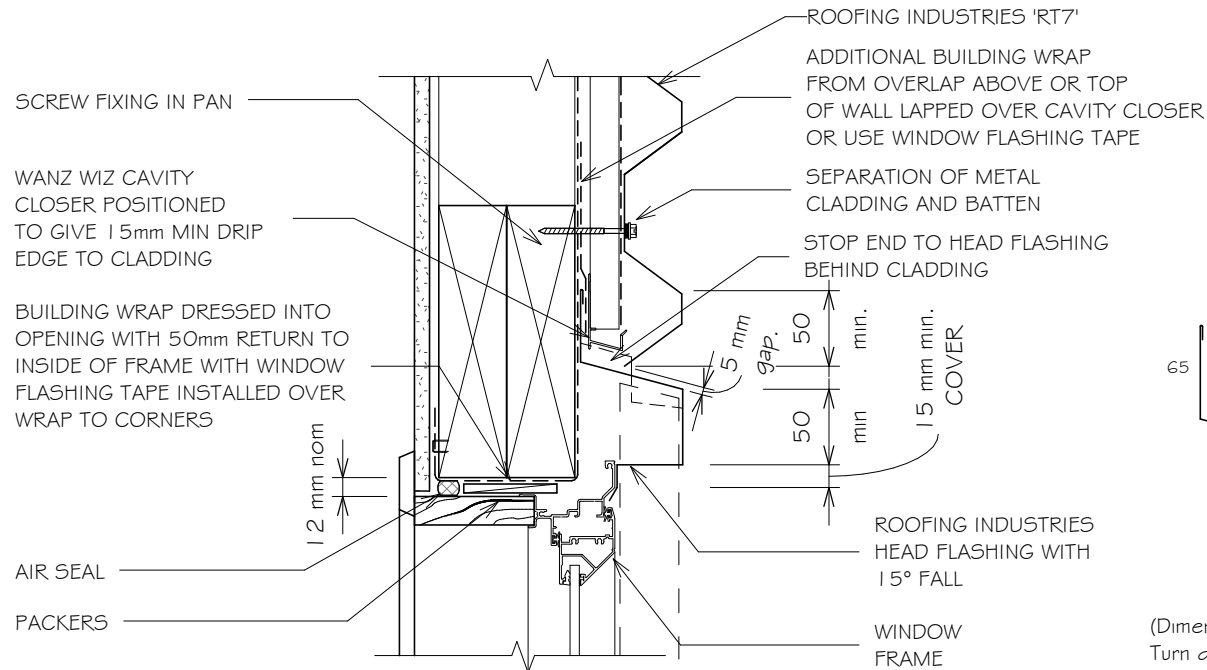
RESIDENTIAL RT7 WALL CLADDING

HEAD FLASHING FOR HORIZONTAL CLADDING (RECESSED WINDOW/DOOR)

Detail Number: RI-RRTWO32A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4



(Dimensions are indicative only)
Turn down end of head flashing to jamb flashing.
At end of head flashing under sheet may need flattening or carefully slit and seal.

GENERAL NOTES:

1. REFER TO E2/AS 1 FOR GENERAL WINDOW OPENING FOR WRAPPING OF FRAMED OPENING PRIOR TO WINDOW INSTALLATION.
2. A MIN. OF 8mm EFFECTIVE COVER AT SILLS SHALL BE PERMITTED WHERE NECESSARY TO ALLOW FOR TOLERANCES.
3. WINDOW PROFILE TO BE SELECTED TO ACHIEVE COVER SHOWN IN DETAILS.
4. ARCHITRAVE'S ARE SHOWN FOR CONSISTENCY ONLY, DETAIL MAY BE USED WITH REBATED LINER.
5. WHERE SUPPORT BRACKETS ARE REQUIRED BY THE WINDOW MANUFACTURER TO CARRY THE FRAME AND GLAZING LOADS THEY MUST BE SUPPLIED AS AN INTEGRAL PART OF THE WINDOW MANUFACTURER'S RECOMMENDATIONS.
6. LIAISE WITH WINDOW MANUFACTURER PRIOR TO INSTALLATION.
7. SEAL HEAD FLASHING TO WINDOW IN VERY HIGH & EXTRA HIGH WIND ZONES.

REFERENCE FLASHINGS:
NZ METAL ROOF AND WALL CLADDING
CODE OF PRACTICE AND E2/AS 1.
DIMENSIONS ARE INDICATIVE ONLY.

NOTES:

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- The building designer is ultimately responsible to ensure that details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure including cavity battens are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Underlay selection and building wrap types are the responsibility of the designer. When rigid wall underlay is required it is the designers responsibility to ensure the correct type is used and follow the manufacturers recommendation for installation.
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RESIDENTIAL RT7 WALL CLADDING

JAMB FLASHING FOR HORIZONTAL CLADDING

(RECESSED WINDOW/DOOR)

Detail Number: RI-RRTW032B

Date drawn: 07/07/2017

Scale: 1 : 5@ A4

BUILDING WRAP DRESSED INTO
OPENING WITH 50mm RETURN
TO INSIDE OF FRAME WITH
WINDOW FLASHING TAPE INSTALLED
OVER WRAP TO CORNERS

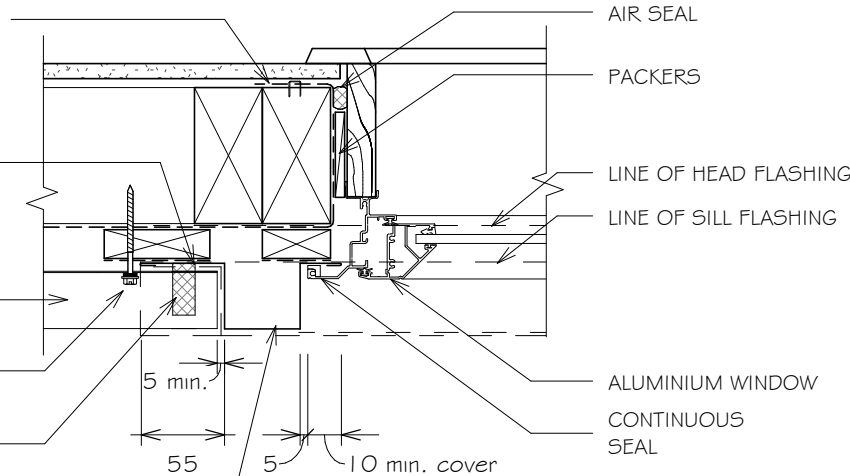
SEPARATION OF BATTEN
AND METAL CLADDING

ROOFING INDUSTRIES 'RT7'

SCREW FIXING

CONTINUOUS COMPRESSIBLE
FOAM SEAL

ROOFING INDUSTRIES JAMB
FLASHING



GENERAL NOTES:

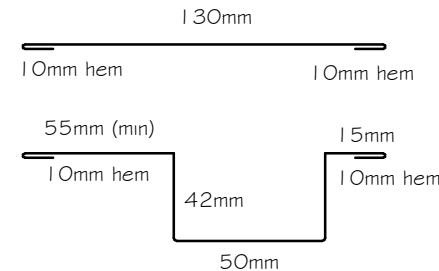
1. REFER TO E2/AS 1 FOR GENERAL WINDOW OPENING FOR WRAPPING OF FRAMED OPENING PRIOR TO WINDOW INSTALLATION.
2. A MIN. OF 8mm EFFECTIVE COVER AT SILLS SHALL BE PERMITTED WHERE NECESSARY TO ALLOW FOR TOLERANCES.
3. WINDOW PROFILE TO BE SELECTED TO ACHIEVE COVER SHOWN IN DETAILS.
4. ARCHITRAVE'S ARE SHOWN FOR CONSISTENCY ONLY, DETAIL MAY BE USED WITH REBATED LINER.
5. WHERE SUPPORT BRACKETS ARE REQUIRED BY THE WINDOW MANUFACTURER TO CARRY THE FRAME AND GLAZING LOADS THEY MUST BE SUPPLIED AS AN INTEGRAL PART OF THE WINDOW MANUFACTURER'S RECOMMENDATIONS.
6. LIAISE WITH WINDOW MANUFACTURER PRIOR TO INSTALLATION.

REFERENCE FLASHINGS:
NZ METAL ROOF AND WALL CLADDING
CODE OF PRACTICE AND E2/AS 1.
DIMENSIONS ARE INDICATIVE ONLY.

SOAKER FLASHING MAY BE REQUIRED
IN WIND ZONE GREATER THAN VERY
HIGH. BACK TRAY TO RUN FROM TOP
OF HEAD FLASHING TO GROUND OR
EXIT POINT.

NOTES:

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- Underlay selection and building wrap types are the responsibility of the designer. When rigid wall underlay is required it is the designers responsibility to ensure the correct type is used and follow the manufacturers recommendation for installation.
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RESIDENTIAL RT7 WALL CLADDING

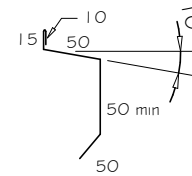
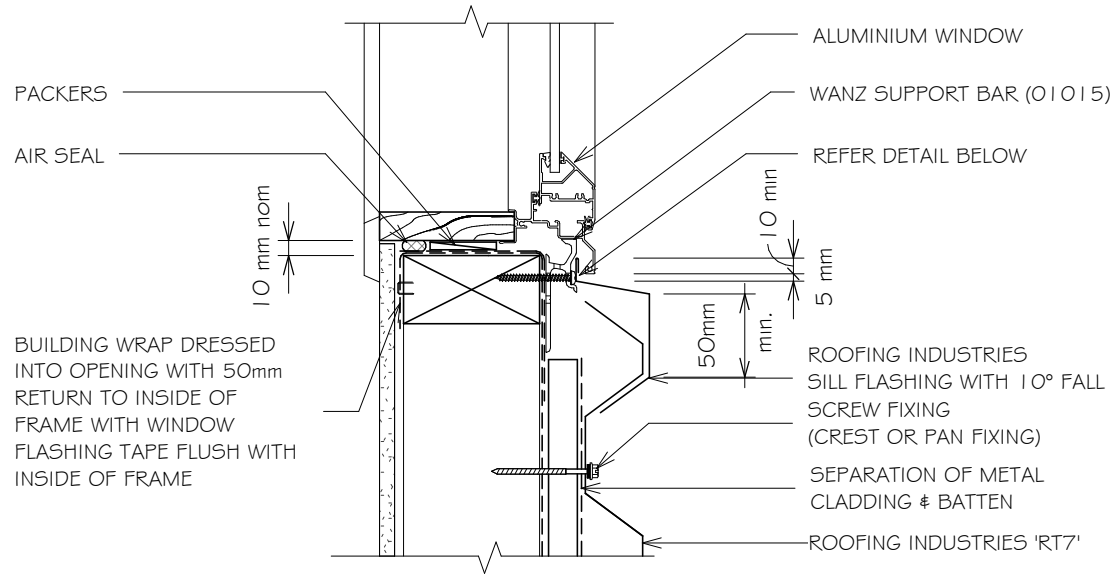
SILL FLASHING FOR HORIZONTAL CLADDING

(RECESSED WINDOW/DOOR)

Detail Number: RI-RRTW032C

Date drawn: 07/07/2017

Scale: 1 : 5@ A4

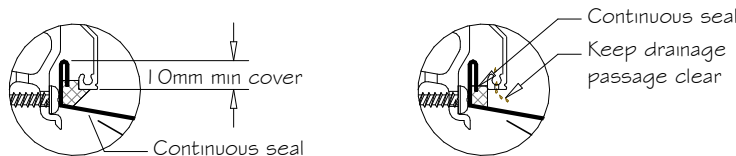


Sill flashings stop ended to receive jamb flashings (Dimensions are indicative only & show minimum lap covers)

GENERAL NOTES:

1. REFER TO E2/AS 1 FOR GENERAL WINDOW OPENING FOR WRAPPING OF FRAMED OPENING PRIOR TO WINDOW INSTALLATION.
2. A MIN. OF 8mm EFFECTIVE COVER AT SILLS SHALL BE PERMITTED WHERE NECESSARY TO ALLOW FOR TOLERANCES. WINDOW PROFILE TO BE SELECTED TO ACHIEVE COVER SHOWN IN DETAILS.
3. ARCHITRAVES ARE SHOWN FOR CONSISTENCY ONLY, DETAIL MAY BE USED WITH REBATED LINER.
4. WHERE SUPPORT BRACKETS ARE REQUIRED BY THE WINDOW MANUFACTURER TO CARRY THE FRAME AND GLAZING LOADS THEY MUST BE SUPPLIED AS AN INTEGRAL PART OF THE WINDOW MANUFACTURER'S RECOMMENDATIONS.
5. LIASE WITH WINDOW MANUFACTURER PRIOR TO INSTALLATION.

REFERENCE FLASHINGS:
 NZ METAL ROOF AND WALL CLADDING
 CODE OF PRACTICE
 NZMRM AND E2/AS 1.
 DIMENSIONS ARE INDICATIVE ONLY



NOTE:
 Sill sealing method for flange end type drainage systems

NOTES:

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- Underlay selection and building wrap types are the responsibility of the designer. When rigid wall underlay is required it is the designers responsibility to ensure the correct type is used and follow the manufacturers recommendation for installation.
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RESIDENTIAL RT7 WALL CLADDING

METER BOX HEAD FLASHING FOR HORIZONTAL CLADDING

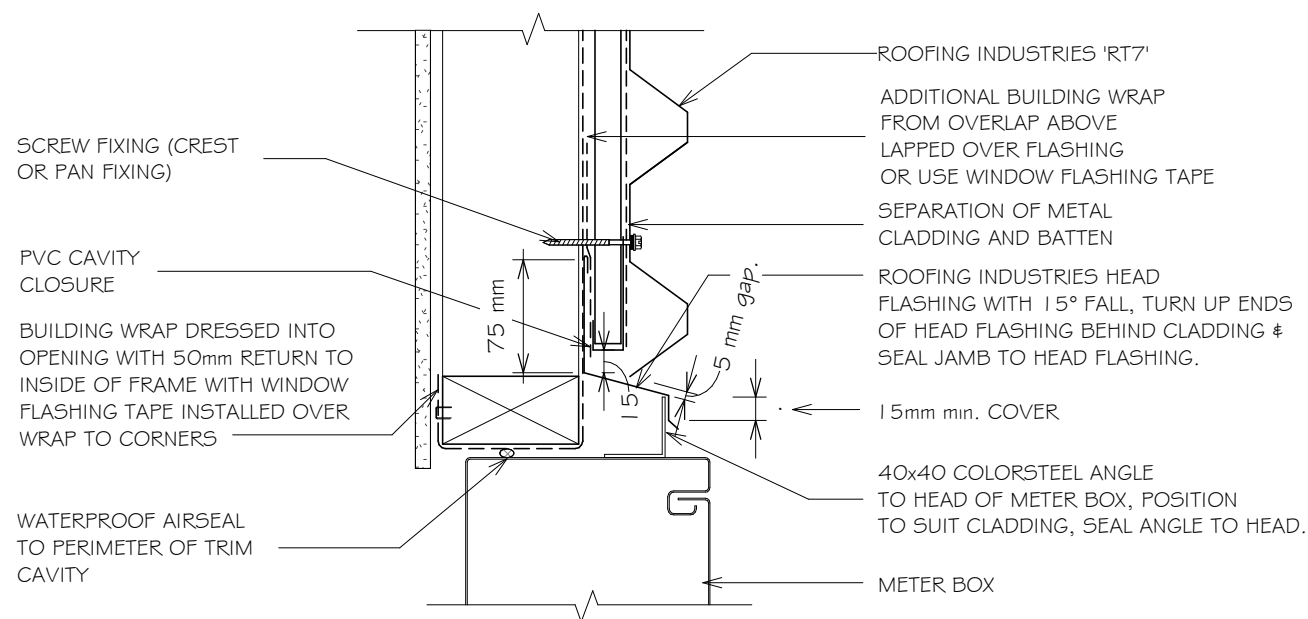
Detail Number: RI-RRTWO40A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4

GENERAL NOTES:

1. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.
2. REFER TO E2/AS 1 FOR GENERAL METERBOX AND SIMILAR PENETRATIONS / OPENINGS.



NOTES:

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RESIDENTIAL RT7 WALL CLADDING

METER BOX SIDE FLASHING FOR HORIZONTAL CLADDING

Detail Number: RI-RRTWO41A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4

BUILDING WRAP DRESSED INTO
OPENING WITH 50mm RETURN
TO INSIDE OF FRAME WITH
WINDOW FLASHING TAPE
INSTALLED OVER WRAP

SCREW FIXING

ROOFING INDUSTRIES BACK
TRAY* FLASHING RUN FROM TOP
OF HEAD FLASHING TO GROUND
OR EXIT POINT

SEPARATION OF BATTEN
AND METAL CLADDING

ROOFING INDUSTRIES 'RT7'

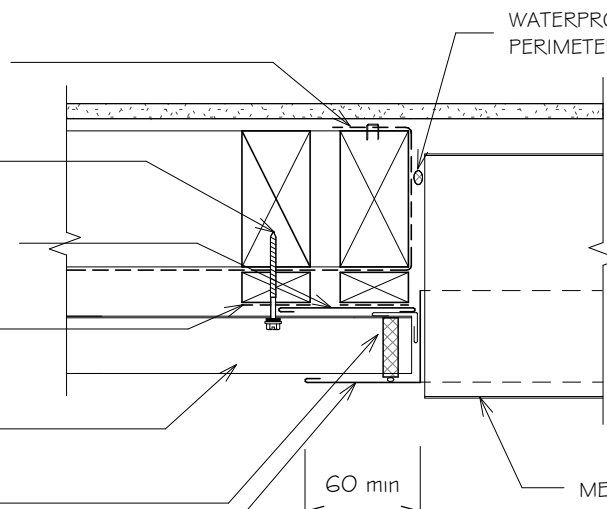
PROFILED CLOSED CELL FOAM
SET IN SEALANT

SEAL AND RIVET 40x60
COLORSTEEL ANGLE

WATERPROOF AIRSEAL TO
PERIMETER OF TRIM CAVITY

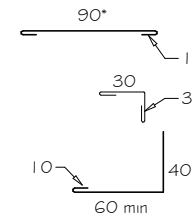
METER BOX

60 min



GENERAL NOTES:

1. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.
2. REFER TO E2/AS1 FOR GENERAL METERBOX AND SIMILAR PENETRATIONS / OPENINGS.



- * Back tray size may require to increase to ensure coverage at ends of head flashing.
(Dimensions are indicative only)
Turn down end of head flashing

NOTES:

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RESIDENTIAL RT7 WALL CLADDING

METER BOX BASE FLASHING FOR HORIZONTAL CLADDING

Detail Number: RI-RRTWO42A

Date drawn: 07/07/2017

Scale: 1 : 5@ A4

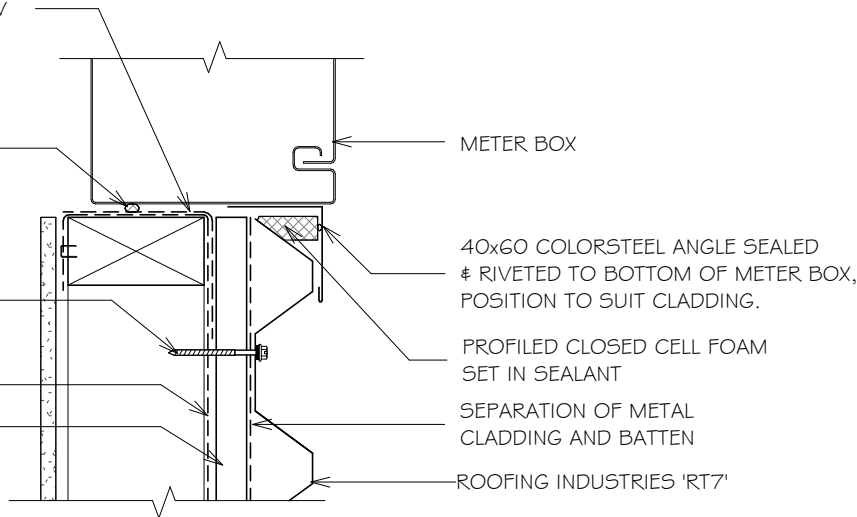
BUILDING WRAP DRESSED INTO
OPENING WITH 50mm RETURN TO
INSIDE OF FRAME WITH WINDOW
FLASHING TAPE FLUSH WITH
INSIDE OF FRAME

WATERPROOF AIRSEAL TO
PERIMETER OF TRIM CAVITY

SCREW FIXING TO PAN

BUILDING WRAP

CAVITY BATTENS



METER BOX

40x60 COLORSTEEL ANGLE SEALED
& RIVETED TO BOTTOM OF METER BOX,
POSITION TO SUIT CLADDING.

PROFILED CLOSED CELL FOAM
SET IN SEALANT

SEPARATION OF METAL
CLADDING AND BATTEN

ROOFING INDUSTRIES 'RT7'

GENERAL NOTES:

1. CAVITY BATTENS CONTAINING CORROSIVE MATERIAL MUST BE SEPARATED FROM METAL CLADDING BY DPC, BUILDING WRAP, PVC OR PAINTING.
2. REFER TO E2/AS 1 FOR GENERAL METERBOX AND SIMILAR PENETRATIONS / OPENINGS.

NOTES:

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