Index

Details for -Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay

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Notes;

Standards refered to in these Details;

- E2/AS1 External Moisture (Amendment 9 June 2019)
- NZS3604:2011 Timber-framed Buildings

All Details have been 'exploded' for clarity

Aluminium Joinery profiles used in these details are from "Nulook", change these profiles for the profiles of the Joinery company you are using



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Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Index 1:1 @ A4

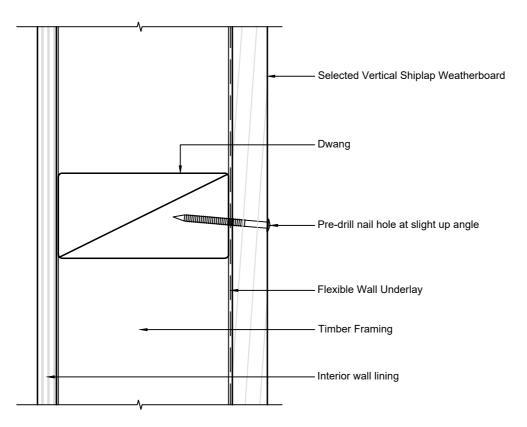
2021/01/26

Stud

Selected Vertical Shiplap Weatherboard (HTL51 shown)

Pre drill board at slight up angle for 50mm x 3.2mm RH annular grooved nails⁽¹⁾, nailed flush (Oil Finish) or 60mm x 2.8mm JH nails⁽¹⁾, punched (paint finish) into dwangs/nogs at 480mm crs max 40mm from edge of board

Horizontal cross section



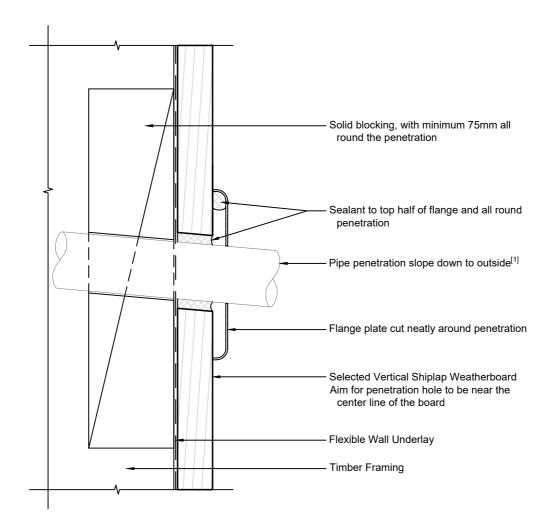
Vertical cross section



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Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Nail Fixing detail 1:2 @ A4 | 2021/01/26

Note: 1/ Penetration to comply with E2/AS1 para. 9.1.9.3 & Fig. 68 2/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20





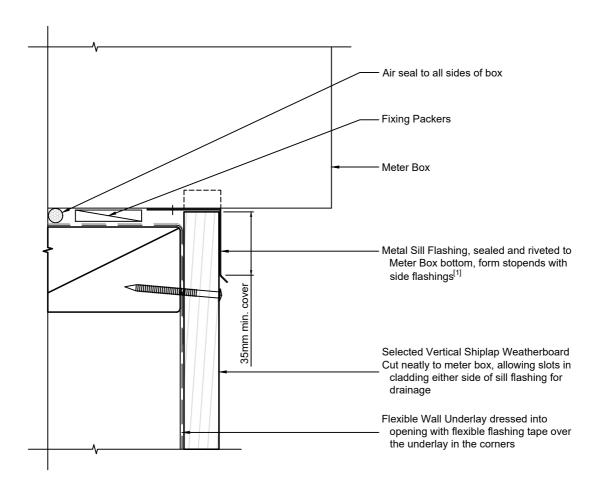
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Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Penetration detail

1:2 @ A4

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Note: 1/ To comply with E2/AS1 para. 9.1.9.3 2/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20





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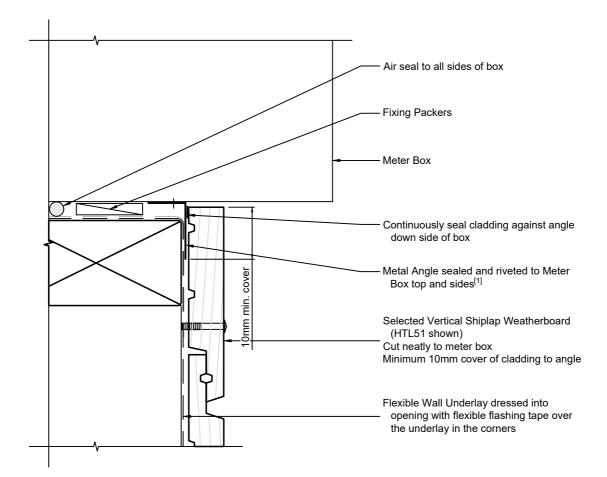
Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Meter Box - Bottom detail

1:2 @ A4 2021/01/26

Drawing No.

1-1-151

Note: 1/ To comply with E2/AS1 para. 9.1.9.3 2/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20

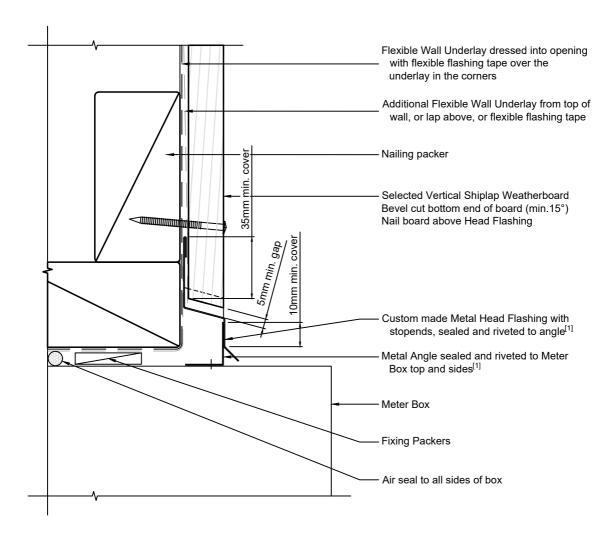




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Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Meter Box - Side detail 1:2 @ A4 | 2021/01/26

Note: 1/ To comply with E2/AS1 para. 9.1.9.3 & Fig. 69 2/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20





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Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Meter Box - Head detail

1:2 @ A4 2021/01/26

Drawing No.

1-1-153

Note:

1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 2/ Refer E2/AS1 para. 9.1.3.5(a) Interior wall lining **Timber Framing Bottom Plate** Pre-drill board at slight up angle for 50mm x 3.2mm RH annular grooved nails $^{[1]}$, nailed flush (Oil Finish) or 60mm x 2.8mm JH nails^[1], punched (paint finish) DPC Flooring Flexible Wall Underlay Selected Vertical Shiplap Weatherboard **Timber Subfloor Framing** Fixing nail 50 Bottom end of boards to be cut 50mm below floor structure^[2] Bevel cut bottom of board to form drip edge (min. 15°)



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Vertical Shiplap Weatherboards **Direct Fix - Flexible Underlay Bottom of Wall detail Timber Floor**

1:2 @ A4

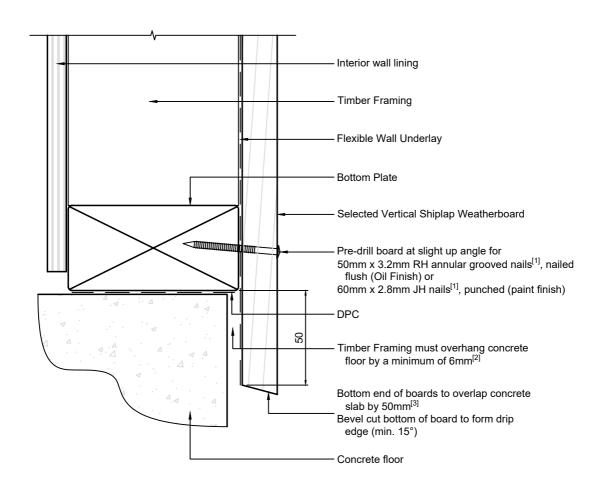
Drawing No.

2021/01/26

1-1-211

I/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24

2/ Refer E2/AS1 para. 9.1.3.3(c) 3/ Refer E2/AS1 para. 9.1.3.3(b)





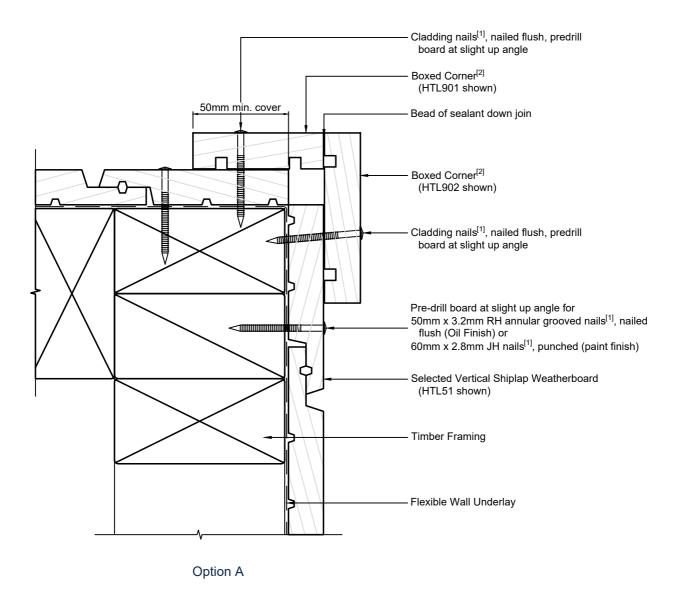
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Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Bottom of Wall detail Concrete Floor

1:2 @ A4

2021/01/26

- 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24
- 2/ The minimum cover of Boxed Corner boards to comply with E2/AS1 para. 9.4.5.3(a) & Fig. 80





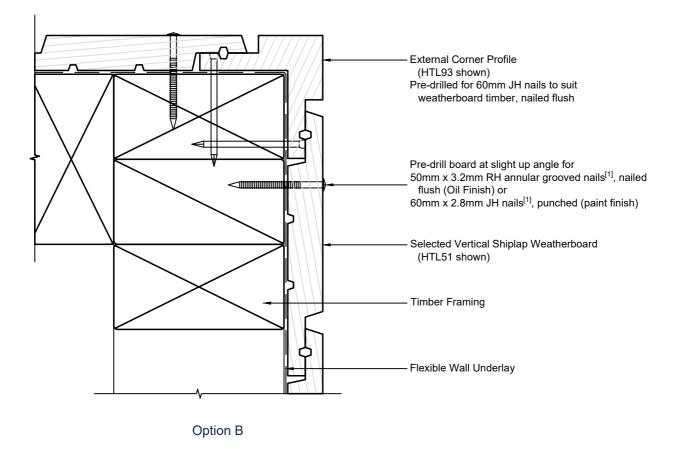
Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050 Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay External Corner detail Option A - Boxed Corner

1:2 @ A4

Drawing No. 1-1-301

2021/01/26

Note: 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20

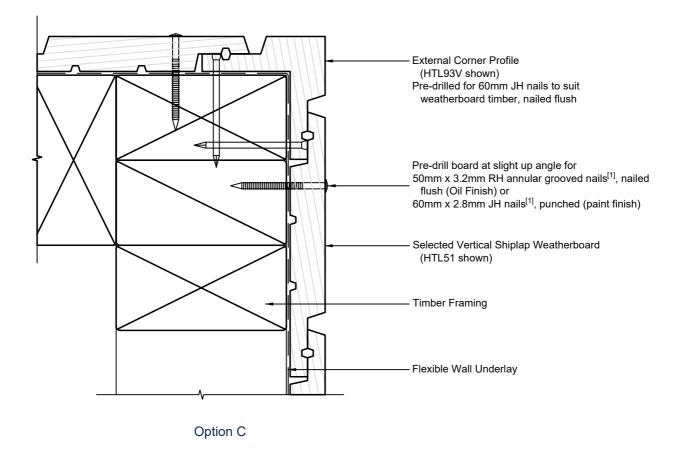


Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay External Corner detail Option B - Square Corner Mould

1:2 @ A4

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Note: 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20





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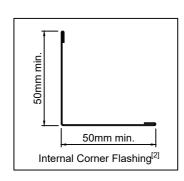
Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay External Corner detail Option C - "V" - Corner Mould

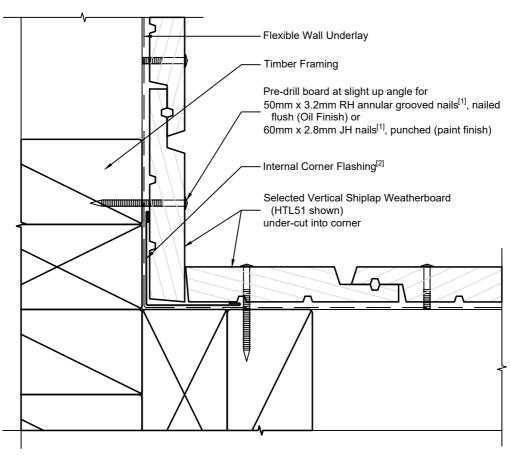
1:2 @ A4

2021/01/26

- Note:

 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24
- 2/ Corner Flashing dimensions to comply with E2/AS1 para. 9.4.5.3(b) & Fig. 79(a) & Table 7

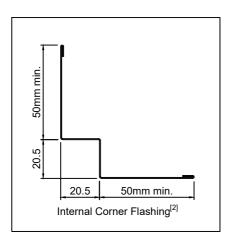


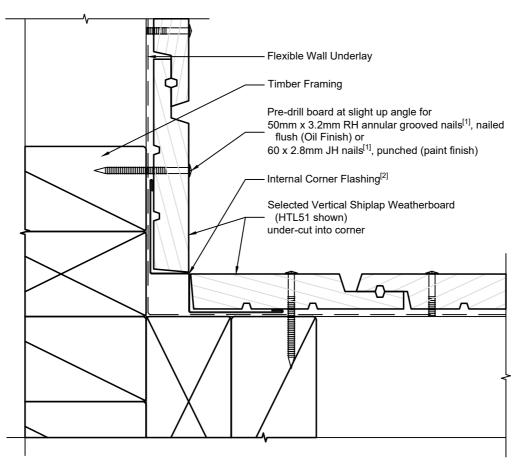


Option A

- Note:

 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24
- 2/ Corner Flashing dimensions to comply with E2/AS1 para. 9.4.5.3(b) & Fig. 79(b) & Table 7







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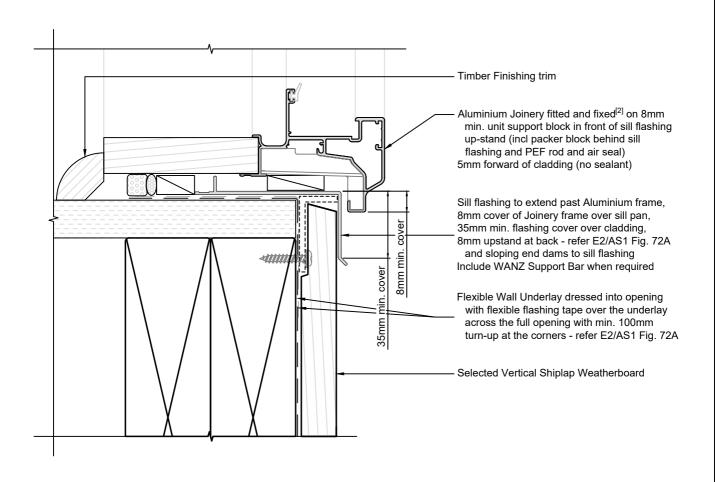
Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Internal Corner detail Option B

1:2 @ A4 2021/01/26

1/ To comply similar to E2/AS1, Fig. 83

2/ Joinery Fixing to comply with E2/AS1 para. 9.1.10.8 - pairs of 75mm x 3.15mm galv. JH nails or 8g x 65mm s/s screws, through reveals into framing at max 150mm from corners and at 450mm centres along sill

3/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24





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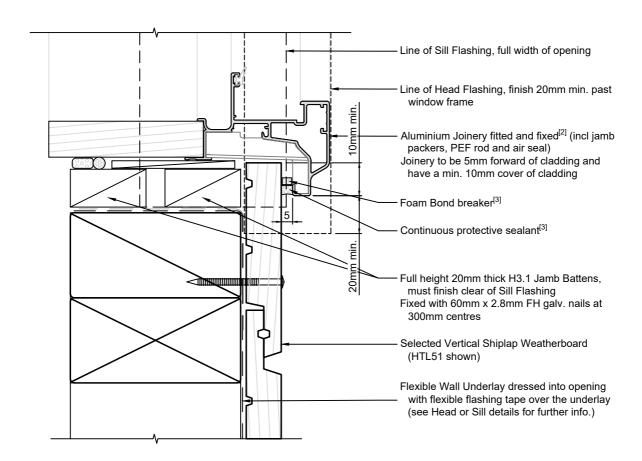
Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Door Sill detail 1:2 @ A4

Drawing No.

2021/01/26

1-1-501

- 1/ To comply similar to E2/AS1, Fig. 83
- 2/ Joinery Fixing to comply with E2/AS1 para. 9.1.10.8 - pairs of 75mm x 3.15mm galv. JH nails or 8g x 65mm s/s screws, through reveals into framing at max 150mm from corners and at 450mm centres along jamb
- 3/ Alternatively EITHER 1) If recess in boards occurs at window, fit closure piece OR 2) Depending on board layout, scribers or facing boards may be appropriate
- 4/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20





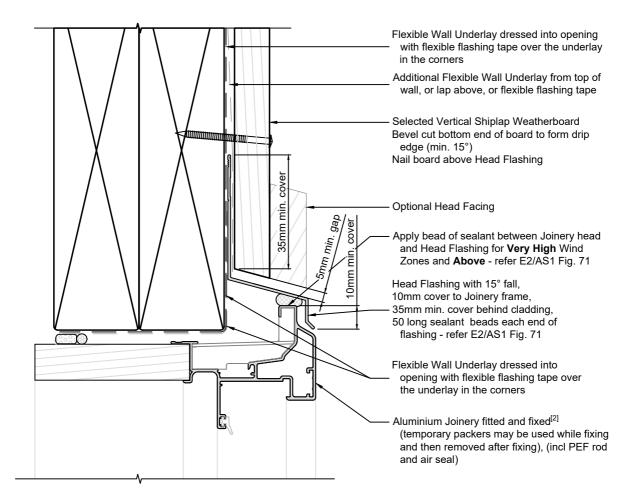
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Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Door Jamb detail 1:2 @ A4

2021/01/26

1/ To comply similar to E2/AS1,
Fig. 83
2/ Joinery Fixing to comply with
E2/AS1 para. 9.1.10.8 - pairs of
75mm x 3.15mm galv. JH nails or
8g x 65mm s/s screws, through
reveals into framing at max
150mm from corners and at

450mm centres along head 3/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24

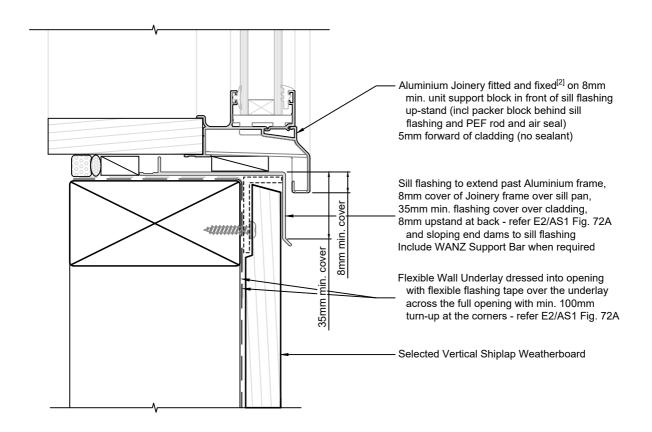


2021/01/26

1/ To comply similar to E2/AS1, Fig. 83

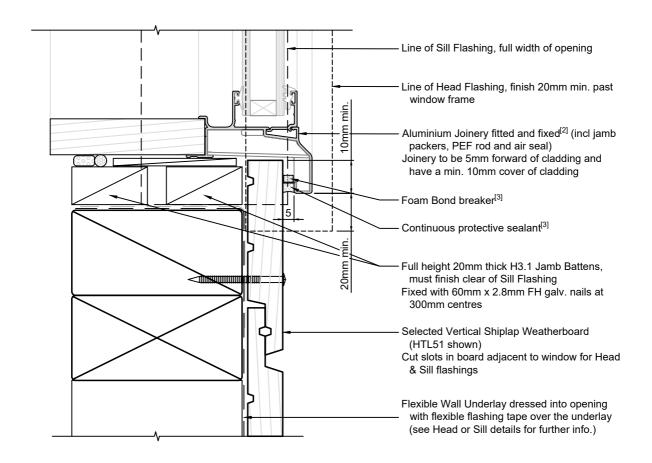
2/ Joinery Fixing to comply with E2/AS1 para. 9.1.10.8 - pairs of 75mm x 3.15mm galv. JH nails or 8g x 65mm s/s screws, through reveals into framing at max 150mm from corners and at 450mm centres along sill

3/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24



2021/01/26

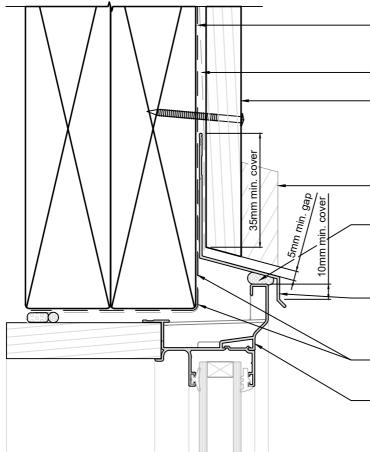
- 1/ To comply similar to E2/AS1, Fig. 83
- 2/ Joinery Fixing to comply with E2/AS1 para. 9.1.10.8 - pairs of 75mm x 3.15mm galv. JH nails or 8g x 65mm s/s screws, through reveals into framing at max 150mm from corners and at 450mm centres along jamb
- 3/ Alternatively EITHER 1) If recess in boards occurs at window, fit closure piece OR 2) Depending on board layout, scribers or facing boards may be appropriate
- 4/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24



1/ To comply similar to E2/AS1, Fig. 83

2/ Joinery Fixing to comply with E2/AS1 para. 9.1.10.8 - pairs of 75mm x 3.15mm galv. JH nails or 8g x 65mm s/s screws, through reveals into framing at max 150mm from corners and at 450mm centres along head

3/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24



Flexible Wall Underlay dressed into opening with flexible flashing tape over the underlay in the corners

Additional Flexible Wall Underlay from top of wall, or lap above, or flexible flashing tape

Selected Vertical Shiplap Weatherboard Bevel cut bottom end of board to form drip edge (min. 15°) Nail board above Head Flashing

Optional Head Facing

Apply bead of sealant between Joinery head and Head Flashing for **Very High** Wind Zones and **Above** - refer E2/AS1 Fig. 71

Head Flashing with 15° fall, 10mm min. cover to Joinery frame, 35mm min. cover behind cladding, 50 long sealant beads each end of flashing - refer E2/AS1 Fig. 71

Flexible Wall Underlay dressed into opening with flexible flashing tape over the underlay in the corners

Aluminium Joinery fitted and fixed^[2]
(temporary packers may be used while fixing and then removed after fixing), (incl PEF rod and air seal)

2021/01/26

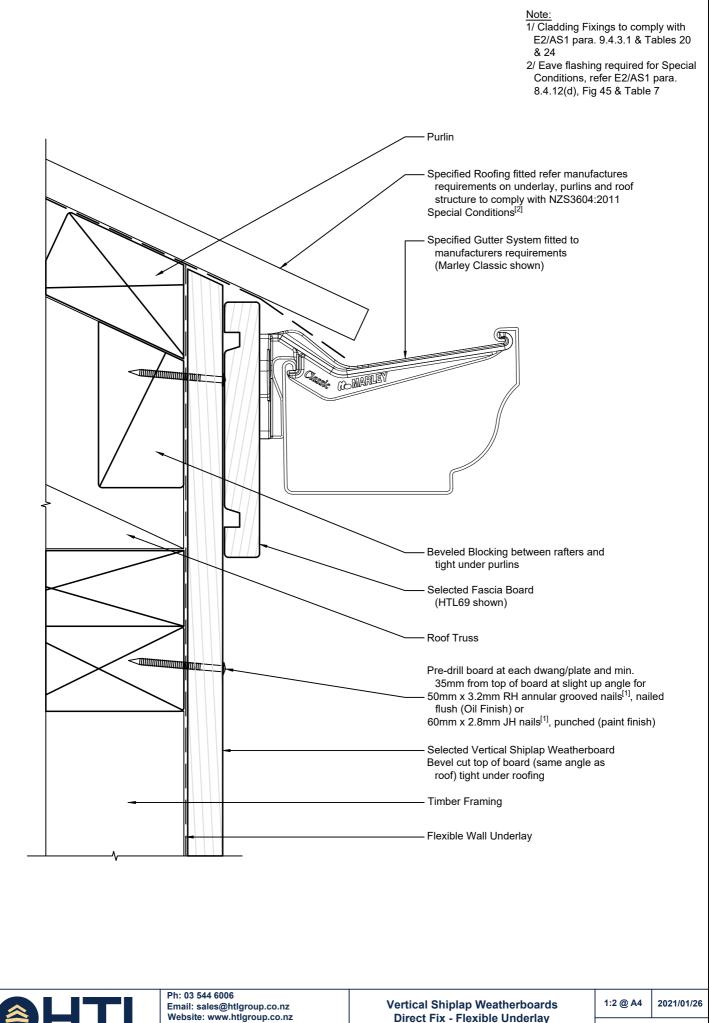
Note: 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 Interior wall lining - Timber Framing - Soffit Framing Soffit Lining Eaves Moulding (HTL32 shown) Pre-drill board min. 35mm from top of board at slight up angle for $50 \text{mm} \times 3.2 \text{mm} \text{ RH}$ annular grooved nails^[1], nailed flush (Oil Finish) or 60mm x 2.8mm JH nails^[1], punched (paint finish) Selected Vertical Shiplap Weatherboard ex 100 x 50 Blocking Flexible Wall Underlay Ph: 03 544 6006 2021/01/26



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Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Eave Soffit detail

1:2 @ A4



Note: 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 Barge Outrigger Barge Lining Eaves Moulding (HTL32 shown) Pre-drill board at each dwang/plate, blocking in gable end truss, and min. 35mm from end of board at slight up angle for 50mm x 3.2mm RH annular grooved nails^[1], nailed flush (Oil Finish) or 60mm x 2.8mm JH nails^[1], punched (paint finish) Selected Vertical Shiplap Weatherboard Cut top end of boards to match gable angle Gable end Truss - Flexible Wall Underlay

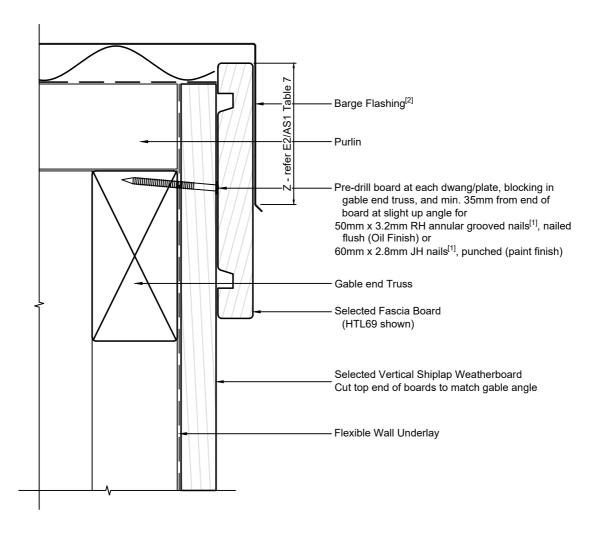


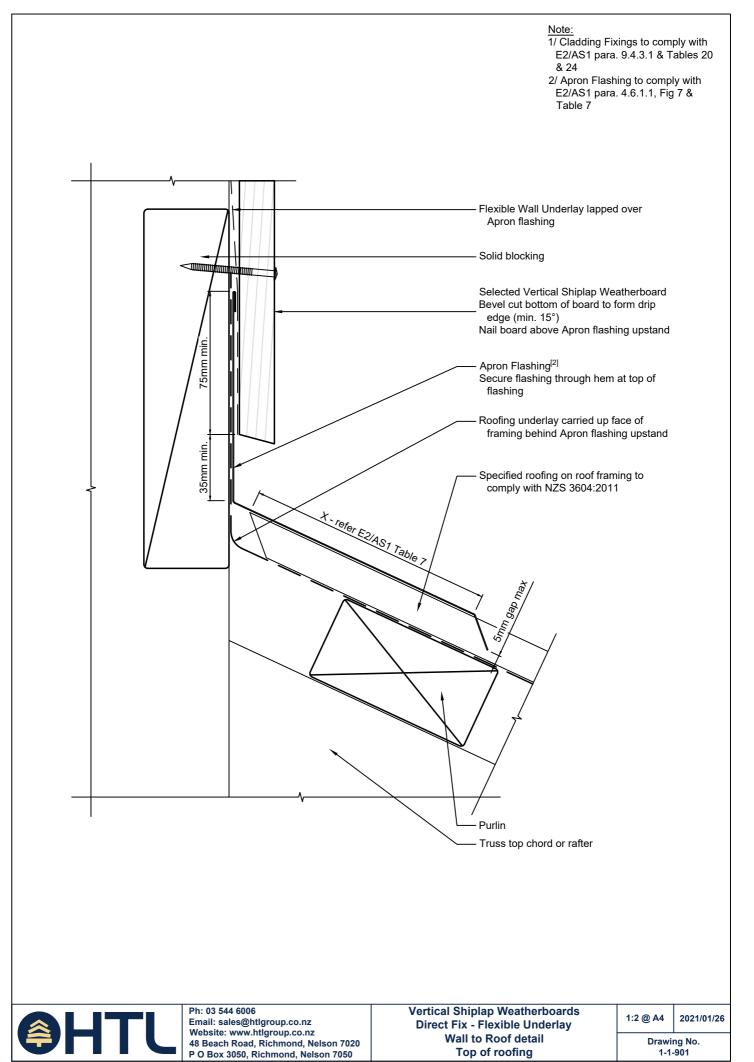
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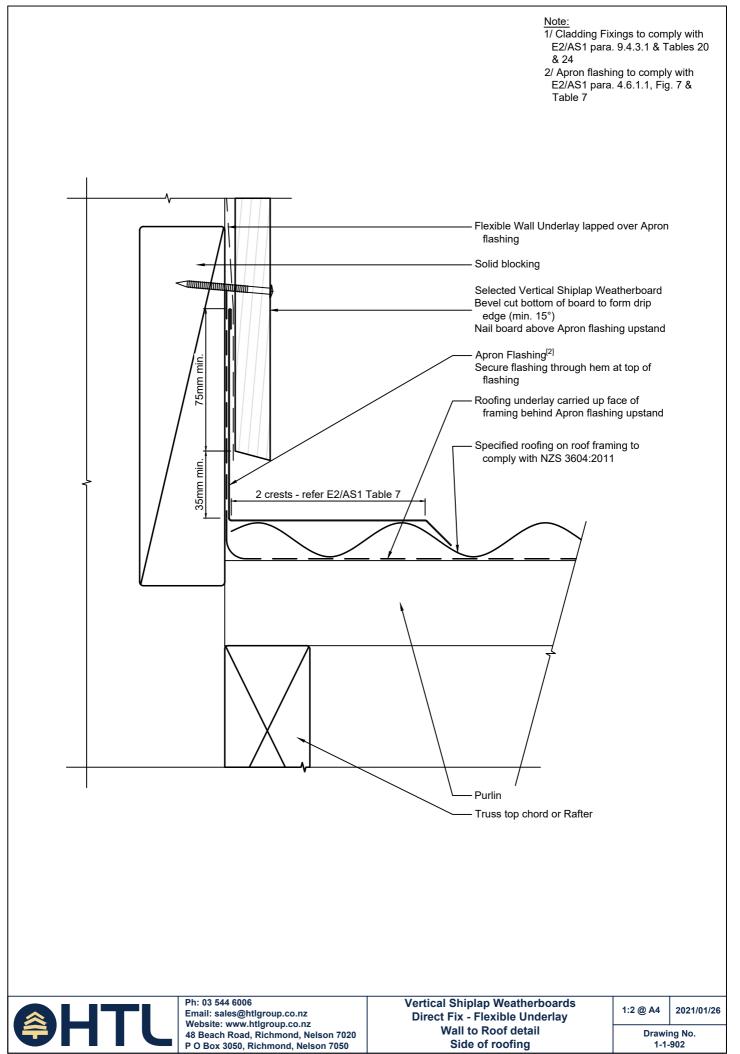
Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay Barge Soffit detail 1:2 @ A4 | 2021/01/26

- Note:

 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20
- 2/ Barge Flashing to comply with E2/AS1 para. 8.4.12(f), Fig. 47 & Table 7







Note: 1/ The exception is vertical corrugated steel cladding E2/AS1:2017 para. 6.0 requires that Parapets have Cladding over a drained cavity^[1], refer Detail 1-4-911 Ph: 03 544 6006 **Vertical Shiplap Weatherboards** 1:2 @ A4 2021/01/26

		Note:		
	E2/AS1:2017 para. that Inter-storey ju for Cladding over refer Detail 1-4-95	inctions are used a drained cavity,		
♠HTU	Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020	Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay	1:2 @ A4 Drawii	2021/01/26 na No.

		<u>Note:</u>	
	E2/AS1:2017 para.	9.1.9.4 requires	
	Cladding over a d	octions are used for rained cavity, refer	
	Detail 1-4-961	•	
	Ph: 03 544 6006		
⊜HT I	Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Boach Pood Pichmond Nelson 7020	Vertical Shiplap Weatherboards Direct Fix - Flexible Underlay	1:2 @ A4 2021/01/26
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