Index

Details for -Bevel Back Weatherboards 20mm Cavity Batten - Flexible Underlay

4-4-001	Index
4-4-101	Nail Fixing
4-4-111	Penetrations
4-4-151	Meter Box - Bottom
4-4-152	Meter Box - Side
4-4-153	Meter Box - Head
4-4-211	Bottom of Wall - Timber Floor
4-4-221	Bottom of Wall - Concrete Floor
4-4-301	External Corner - Option A - Boxed Corner
4-4-302	External Corner - Option B or C - Mitred Corner
4-4-351	Internal Corner - Option A
4-4-352	Internal Corner - Option B
4-4-501	Door Sill
4-4-502	Door Jamb
4-4-503	Door Head
4-4-601	Window Sill
4-4-602	Window Jamb
4-4-603	Window Head
4-4-801	Eave Soffit
4-4-802	Flush Eave
4-4-851	Barge Soffit
4-4-852	Flush Barge
4-4-901	Roof to Wall - Top of roofing
4-4-902	Roof to Wall - Side of roofing
4-4-911	Parapet

Notes;

Standards refered to in these Details;

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

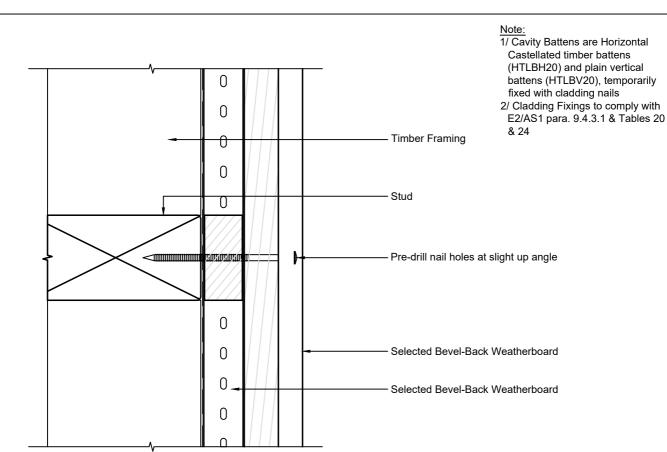
All Details have been 'exploded' for clarity

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

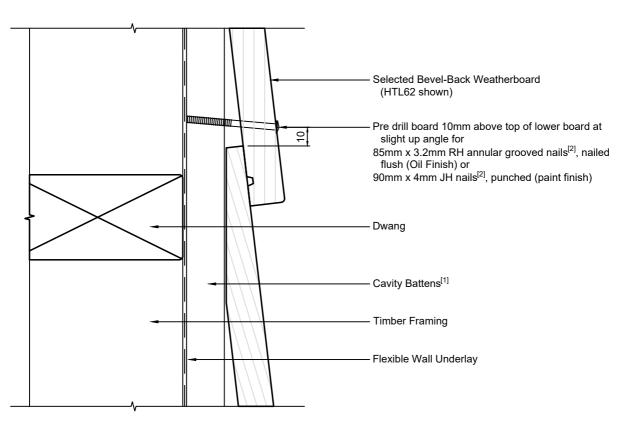


Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Index 1:2 @ A4 | 2021/01/26



Horizontal cross section



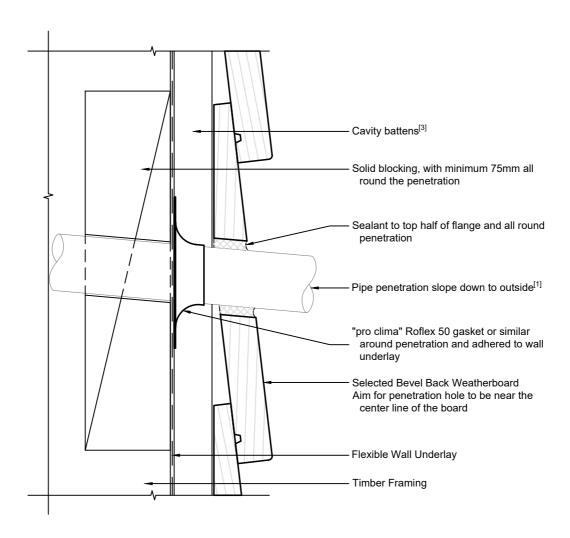
Vertical cross section



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

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Nail Fixing detail 1:2 @ A4 | 2021/01/26

- 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 & 24
- 3/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails

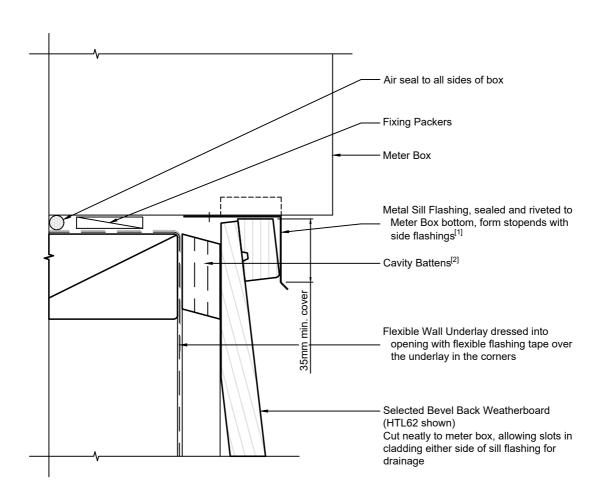


Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Penetration detail 1:2 @ A4

2021/01/26

- 1/ To comply withE2/AS1 para. 9.1.9.3 & Fig. 69
- 2/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails
- 3/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24



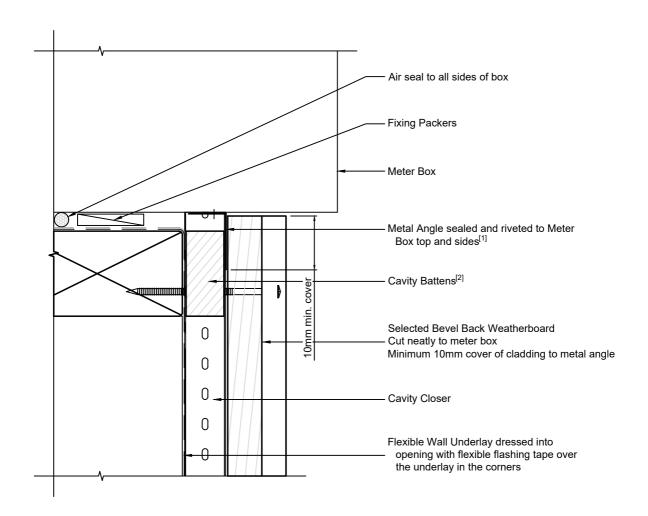


Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Meter Box - Bottom detail 1:2 @ A4

Drawing No. 4-4-151

- 1/ To comply withE2/AS1 para. 9.1.9.3
- 2/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails
- 3/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24



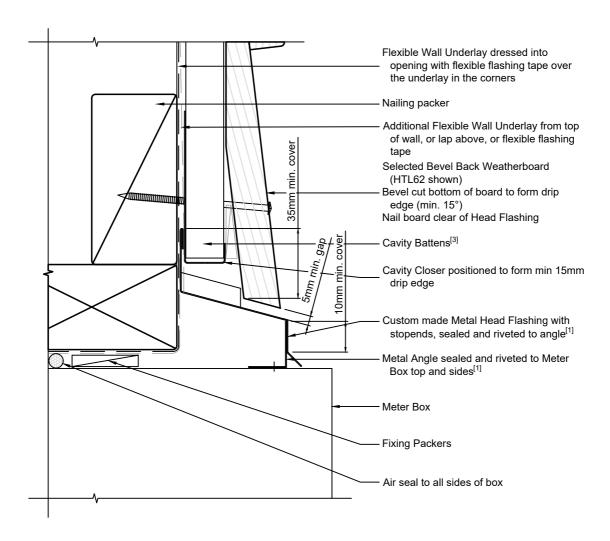


Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Meter Box - Side detail 1:2 @ A4

2021/01/26

- 1/ To comply withE2/AS1 para. 9.1.9.3 & Fig. 69
- 2/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24
- 3/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails

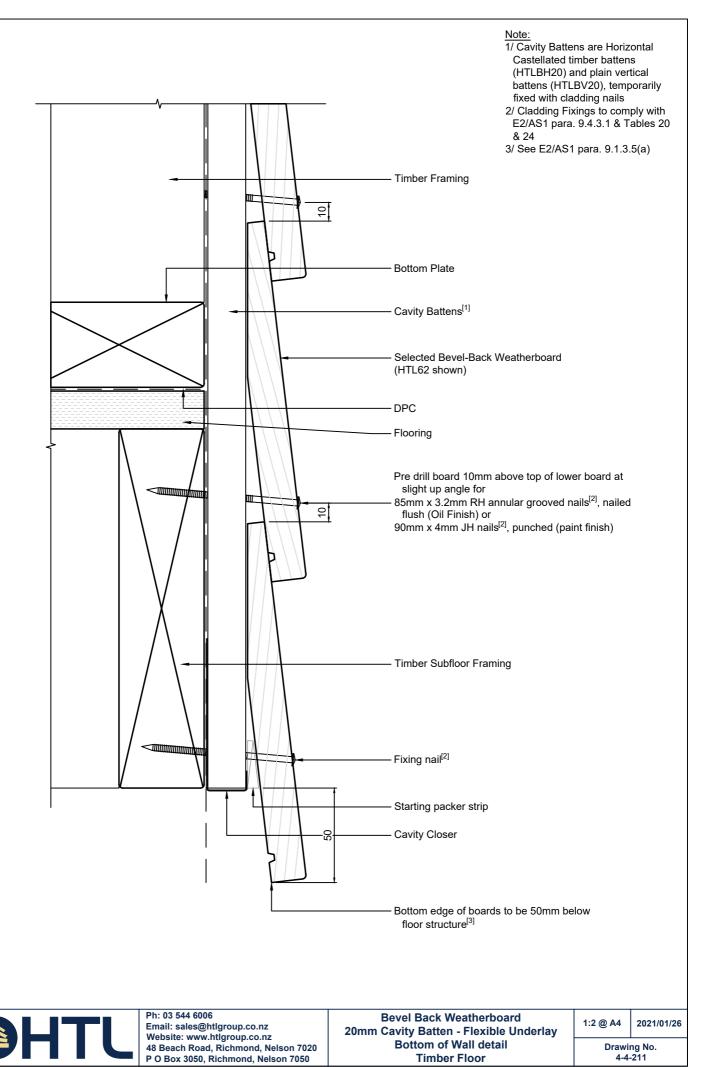




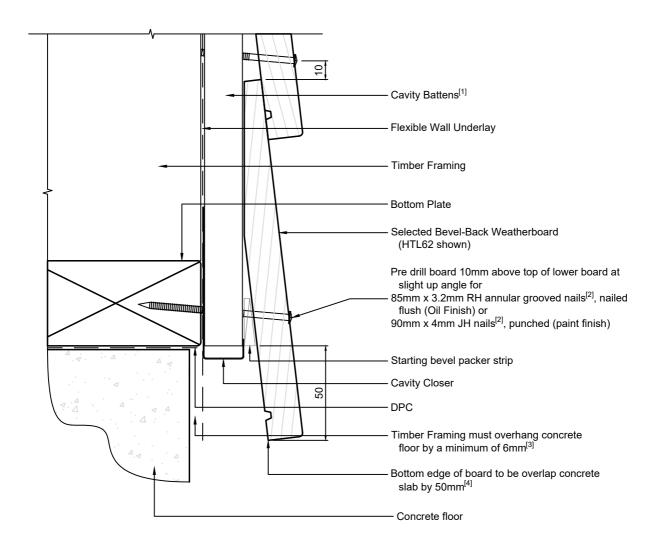
Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Meter Box - Head detail 1:2 @ A4

Drawing No. 4-4-153



- 1/ Cavity Battens are Horizontal
 Castellated timber battens
 (HTLBH20) and plain vertical
 battens (HTLBV20), temporarily
 fixed with cladding nails
- 2/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24
- 3/ See E2/AS1 para. 9.1.3.3(c)
- 4/ See E2/AS1 para. 9.1.3.3(b)





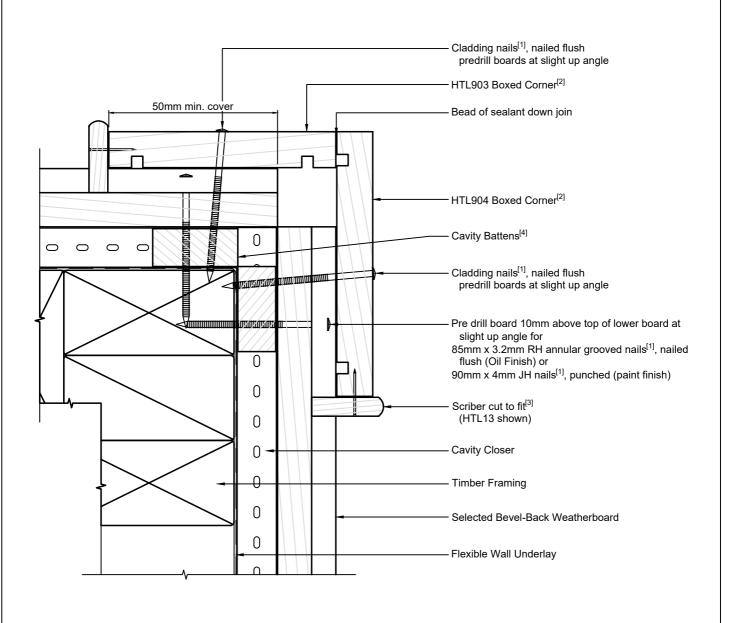
Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050 Bevel Back Weatherboard

20mm Cavity Batten - Flexible Underlay
Bottom of Wall detail
Concrete Floor

1:2 @ A4

Drawing No. 4-4-221

- 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. 9.4.4.4(a)(i) & fig. 78(c)
- 3/ Scriber to comply with E2/AS1 para. 9.4.4.4(a)(i) & fig. 78(c)
- 4/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails



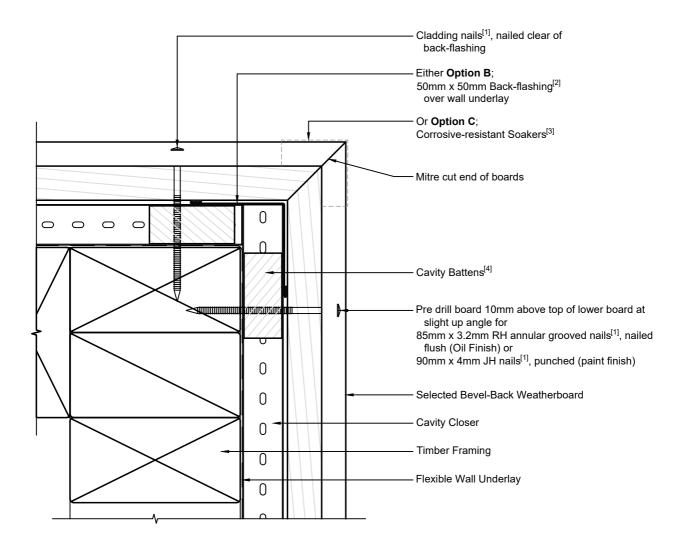
Option A



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 Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay External Corner detail Option A - Boxed Corner

1:2 @ A4 | 2021/01/26

- 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24
- 2/ Back-flashing as per E2/AS1 para. 9.4.4.4(b)(i) & fig. 78(d) 3/ Corrosive-resistant Soaker as per E2/AS1 para. 9.4.4.4(b)(ii) & fig. 77, refer also para.'s 4.3.2 to 4.3.6
- 4/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails



Option B or C

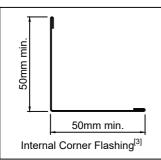


Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050 Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay External Corner detail Options B or C - Mitred Corner

1:2 @ A4

2021/01/26

- 1/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails
- 2/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24
- 3/ Corner Flashing dimensions to comply with E2/AS1 para. 9.4.5.3(b) & Table 7 & fig. 79(c)



Flexible Wall Underlay 0 Cavity Closer 0 **Timber Framing** 0 Cavity Battens^[1] 0 Pre drill board 10mm above top of lower board at slight up angle for 0 85mm x 3.2mm RH annular grooved nails[2] nailed flush (Oil Finish) or 0 90mm x 4mm JH nails^[2], punched (paint finish) 0 Internal Corner Flashing^[3] Selected Bevel-back Weatherboard Scribe and notch weatherboards into corner^[3] 0 0 0

Option A

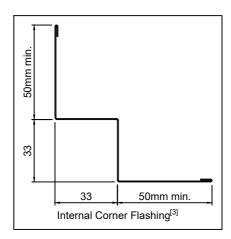


Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050 Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Internal Corner detail Option A

1:2 @ A4

2021/01/26

- 1/ Cavity Battens are Horizontal
 Castellated timber battens
 (HTLBH20) and plain vertical
 battens (HTLBV20), temporarily
 fixed with cladding nails
- 2/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24
- 3/ Corner Flashing dimensions to comply with E2/AS1 para. 9.4.5.3(b) & Table 7 & fig. 79(d)



0 Flexible Wall Underlay 0 Cavity Closer 0 **Timber Framing** 0 Cavity Battens^[1] Pre drill board 10mm above top of lower board at 0 slight up angle for 85mm x 3.2mm RH annular grooved nails^[2], nailed flush (Oil Finish) or 0 90mm x 4mm JH nails[2], punched (paint finish) Internal Corner Flashing^[3] Selected Bevel-back Weatherboard, under-cut into corner 0 0 0 0 \circ \circ 0



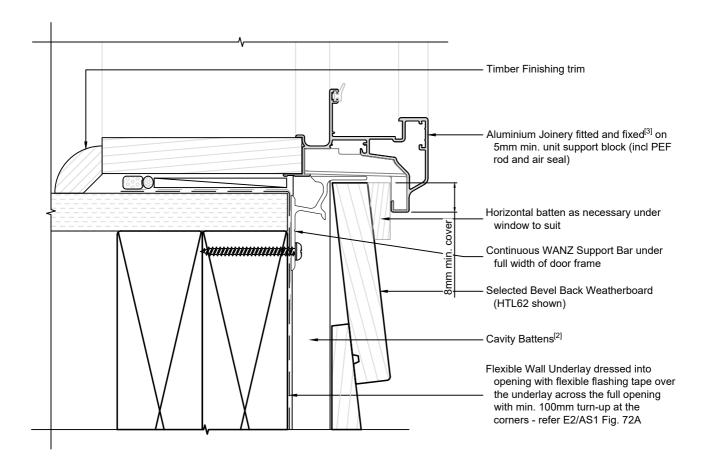


Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050 Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Internal Corner detail Option B

1:2 @ A4

2021/01/26

- 1/ To comply with E2/AS1, Fig.85 2/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails
- 3/ 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
- 4/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24





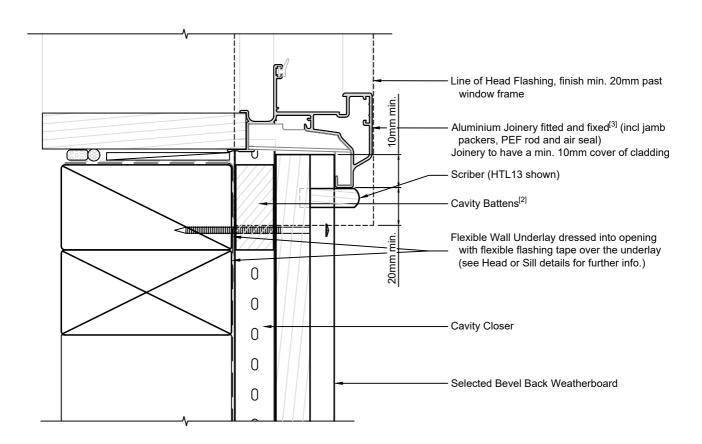
Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay **Door Sill detail**

1:2 @ A4

2021/01/26

- 1/To comply with E2/AS1, Fig.85
 2/ Cavity Battens are Horizontal
 Castellated timber battens
 (HTLBH20) and plain vertical
 battens (HTLBV20), temporarily
 fixed with cladding nails
 3/ 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
- 4/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24



& 24

1/ To comply with E2/AS1, Fig.85
2/ Cavity Battens are Horizontal
Castellated timber battens
(HTLBH20) and plain vertical
battens (HTLBV20), temporarily
fixed with cladding nails
3/ 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
4/ Cladding Fixings to comply with
E2/AS1 para. 9.4.3.1 & Tables 20

Additional Flexible Wall Underlay from top of wall, or lap above, or flexible flashing tape Cavity Battens^[2] Selected Bevel Back Weatherboard Bevel cut bottom of board to form drip edge (min. 15°) Nail board above Head Flashing cover Cavity Closer positioned to form min. 15mm drip edge min. 35mm Apply bead of sealant between Joinery head and Head Flashing for Very High Wind Zones and Above - refer E2/AS1 Fig. 71 10mm Head Flashing with 15° fall, 10mm cover to Joinery frame, 35mm min. cover behind cladding, 50 long sealant beads each end of flashing - refer E2/AS1 Fig. 71 Form stopends Flexible Wall Underlay dressed into opening with flexible flashing tape over the underlay in the corners Aluminium Joinery fitted and fixed^[3] (incl PEF rod and air seal), (temporary packers may be used while fixing and then removed after fixing)



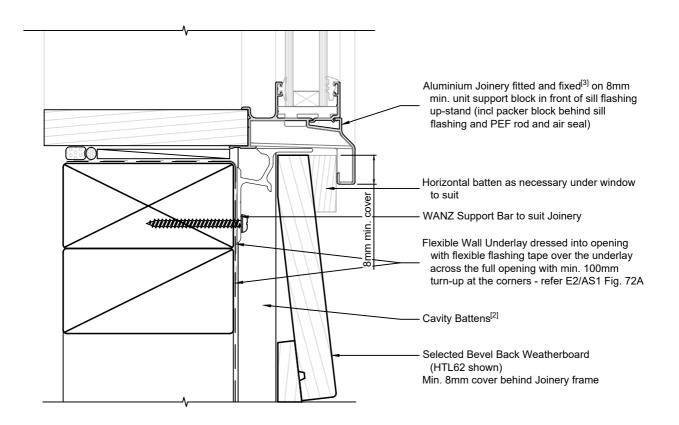
Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Door Head detail 1:2 @ A4 | 2021/01/26

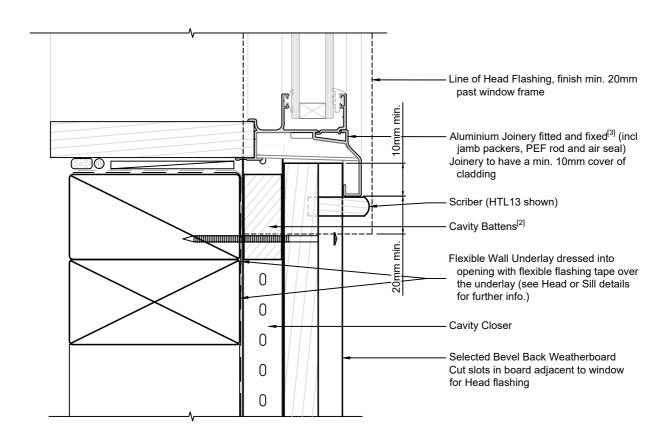
1/To comply with E2/AS1, Fig.85
2/ Cavity Battens are Horizontal
Castellated timber battens
(HTLBH20) and plain vertical
battens (HTLBV20), temporarily
fixed with cladding nails
3/ Joinery Fixing to comply with
E2/AS1 para. 9.1.10.8 - pairs of
75mm x 3.15mm galv. JH nails or
8g x 65mm s/s screws, through

150mm from corners and at 450mm centres along sill 4/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24

reveals into framing at max

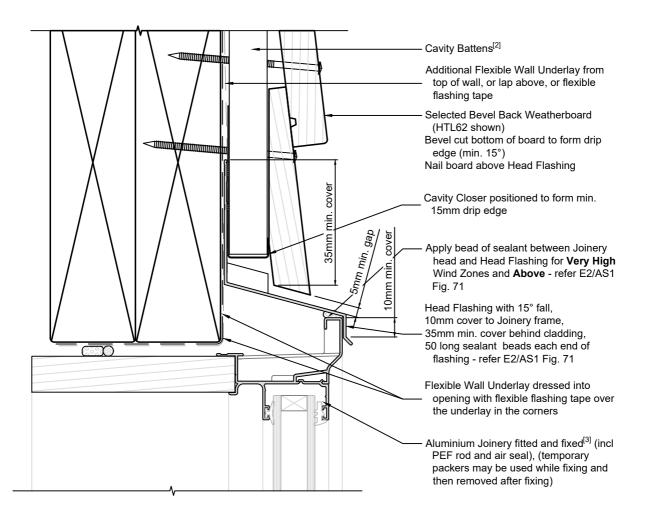


- 1/To comply with E2/AS1, Fig.85
 2/ Cavity Battens are Horizontal
 Castellated timber battens
 (HTLBH20) and plain vertical
 battens (HTLBV20), temporarily
 fixed with cladding nails
 3/ Joinery Fixing to comply with
- E2/AS1 para. 9.1.10.8 pairs of 75mm x 3.15mm galv. JH nails or 8g x 65mm s/s screws, through reveals into framing at max 150mm from corners and at 450mm centres along sill
- 4/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24





1/ To comply with E2/AS1, Fig.85
2/ Cavity Battens are Horizontal
Castellated timber battens
(HTLBH20) and plain vertical
battens (HTLBV20), temporarily
fixed with cladding nails
3/ 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
4/ Cladding Fixings to comply with
E2/AS1 para. 9.4.3.1 & Tables 20



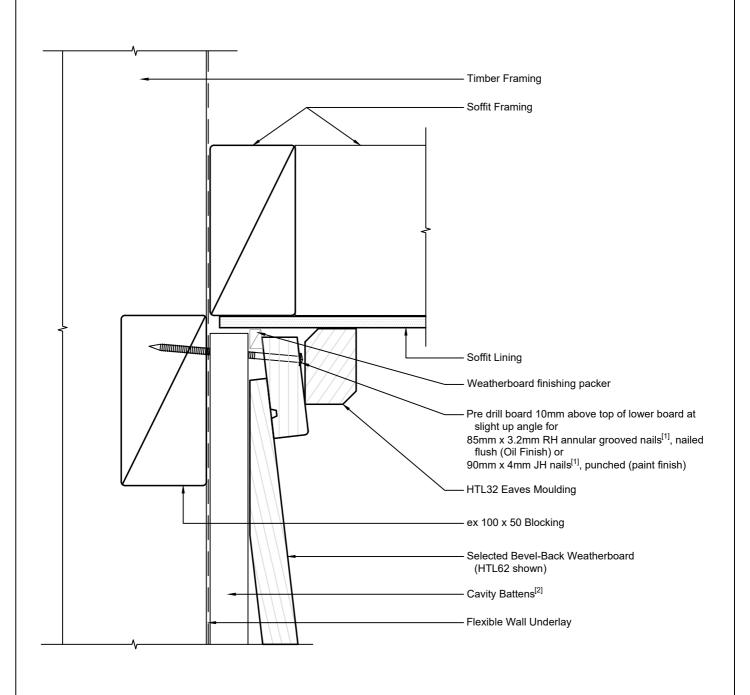


Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Window Head detail 1:2 @ A4

Drawing No. 4-4-603

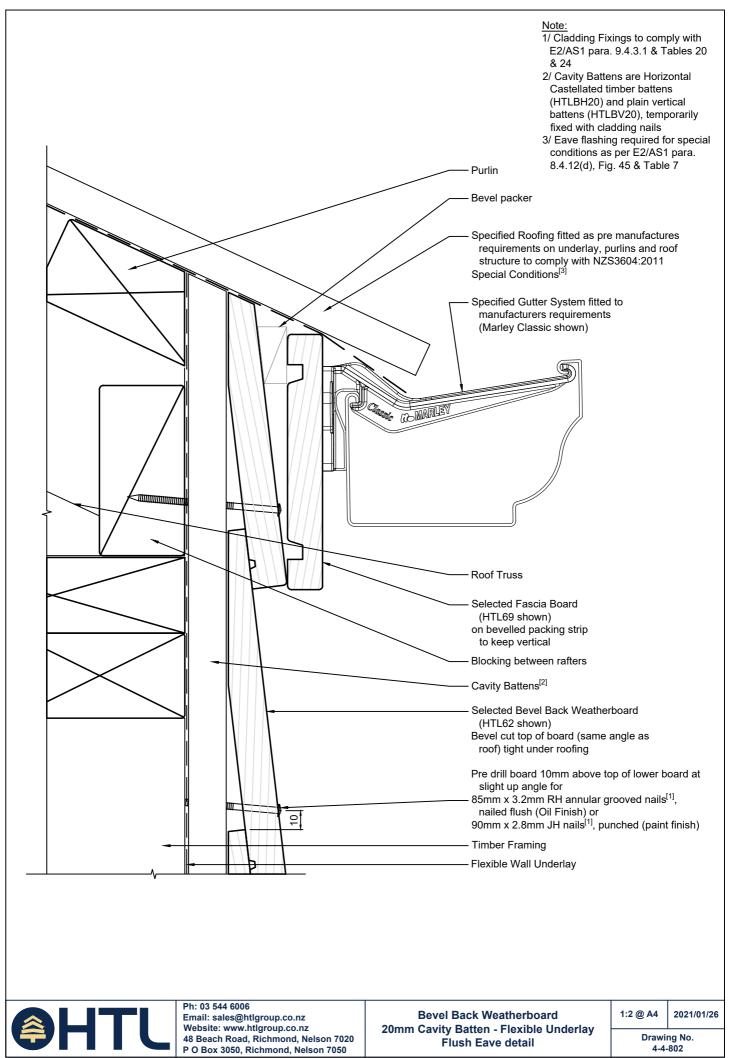
Note: 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24 2/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails



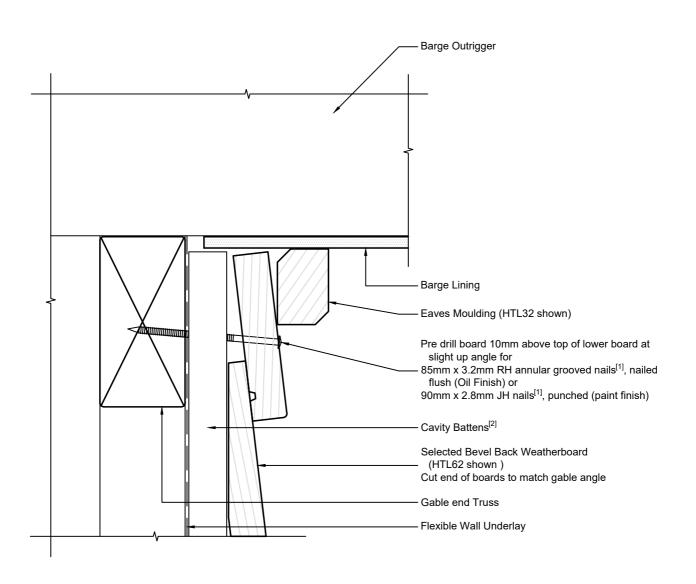


Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Soffit detail 1:2 @ A4 | 2021/01/26



- Note:
 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24
- 2/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails



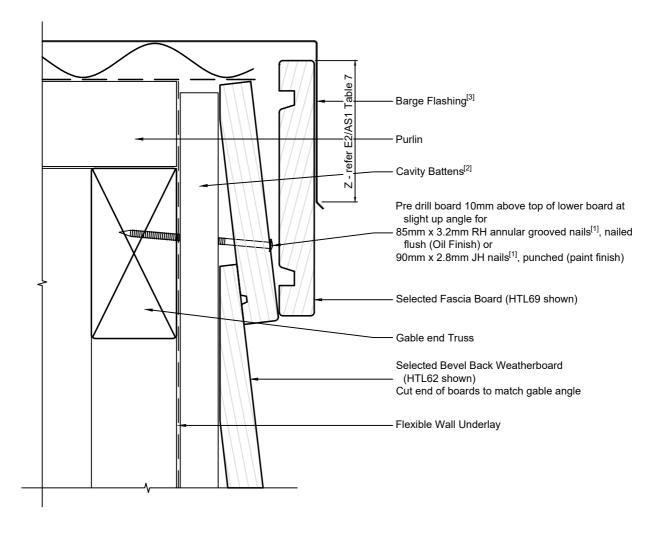
Ph: 03 544 6006 Email: sales@htlgroup.co.nz Website: www.htlgroup.co.nz 48 Beach Road, Richmond, Nelson 7020 P O Box 3050, Richmond, Nelson 7050

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay **Barge Soffit detail**

1:2 @ A4

2021/01/26

- 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24
- 2/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails
- 3/ Barge flashing to comply with E2/AS1para. 8.4.12(f), Fig. 47 & Table 7





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

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Flush Barge detail 1:2 @ A4

2021/01/26

Note: 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24 2/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails 3/ Apron flashing to comply with E2/AS1para. 8.4.12(f), Fig. 7 & Table 7 Cavity Battens^[2] Flexible Wall Underlay lapped over Apron flashing Solid blocking Selected Bevel Back Weatherboard (HTL62 shown) Nail board above Apron flashing upstand Cavity Closer positioned to form min. 15mm drip edge Apron Flashing^[3] Secure flashing through hem at top of flashing Roofing underlay carried up face of framing behind Apron flashing upstand Specified roofing on roof framing as per NZS 3604:2011 Purlin Truss top chord or rafter **Bevel Back Weatherboard** Ph: 03 544 6006 1:2 @ A4 2021/01/26 Email: sales@htlgroup.co.nz 20mm Cavity Batten - Flexible Underlay

Website: www.htlgroup.co.nz

48 Beach Road, Richmond, Nelson 7020

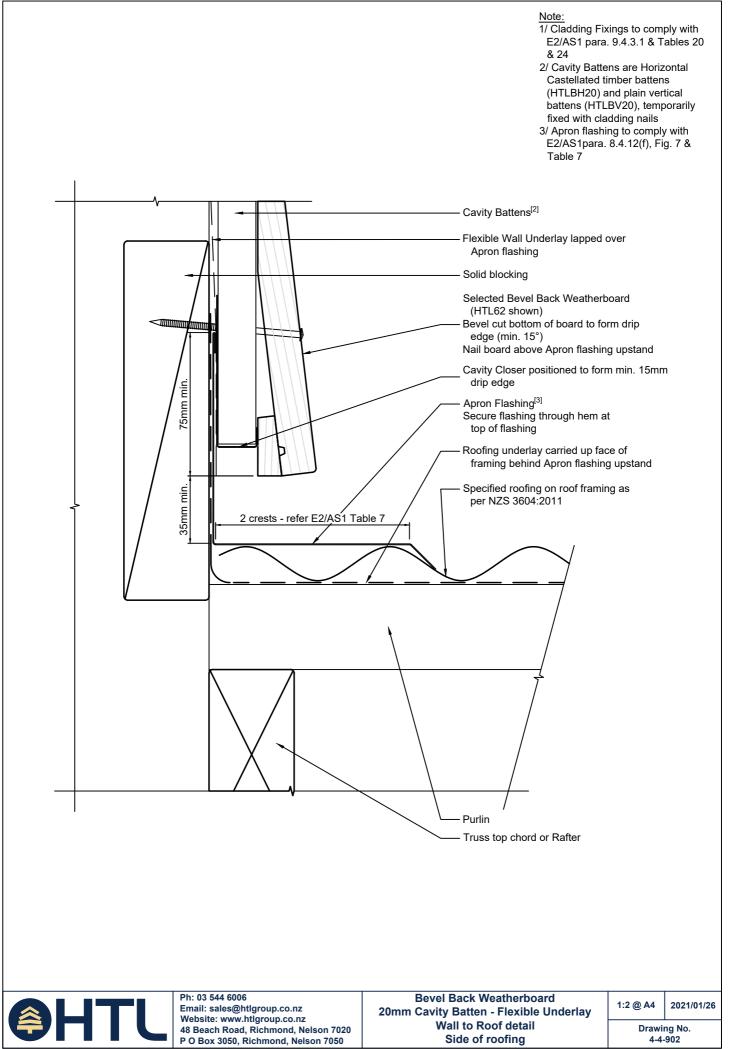
P O Box 3050, Richmond, Nelson 7050

Drawing No.

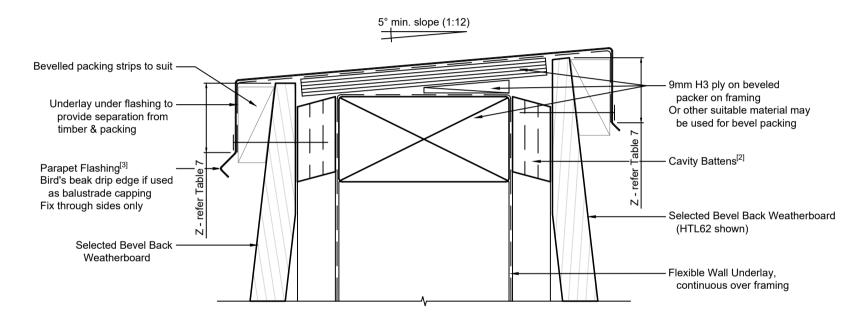
4-4-901

Wall to Roof detail

Top of roofing



- 1/ Cladding Fixings to comply with E2/AS1 para. 9.4.3.1 & Tables 20 & 24
- 2/ Cavity Battens are Horizontal Castellated timber battens (HTLBH20) and plain vertical battens (HTLBV20), temporarily fixed with cladding nails
- 3/ Parapet flashings to comply with E2/AS1 para. 6.2 & 6.4, Fig. 10 & Table 7





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

Bevel Back Weatherboard 20mm Cavity Batten - Flexible Underlay Parapet detail 1:2 @ A4 | 2021/01/26