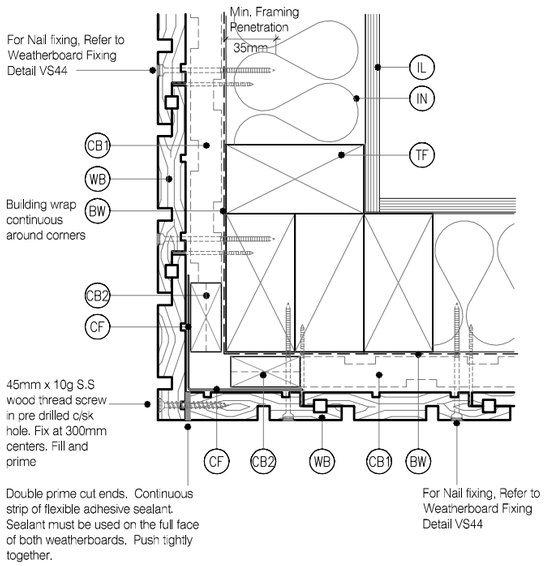
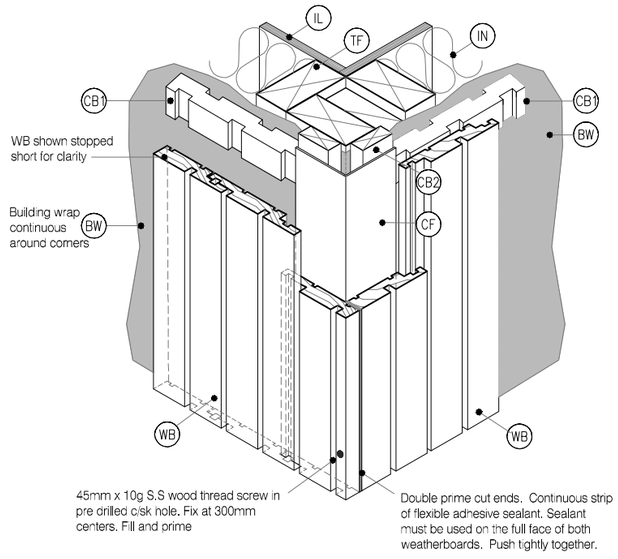
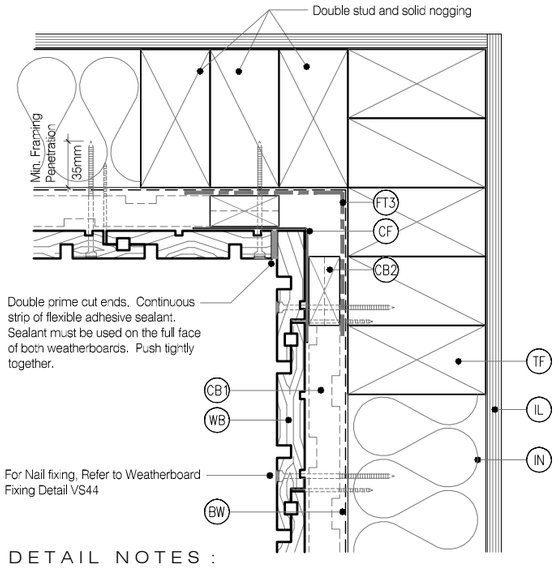


C1 VS40 EXTERNAL CORNER
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



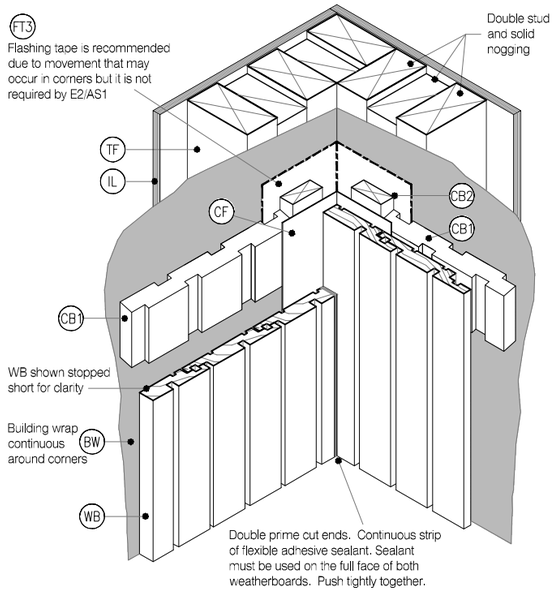
C2 VS41 3D EXTERNAL CORNER
Cavity Fix - Vertical Shiplap WB
SCALE : N.T.S



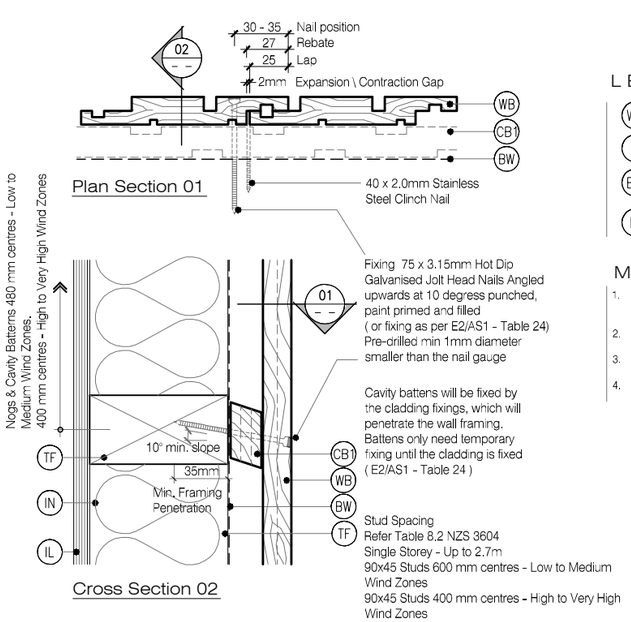
DETAIL NOTES :

1. Flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1
2. Aluminium extrusion must not be continuous over solid floor joists.

C3 VS42 INTERNAL CORNER
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



C4 VS43 3D INTERNAL CORNER
Cavity Fix - Vertical Shiplap WB
SCALE : N.T.S



C5 VS44 WEATHERBOARD FIXING
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3

LEGEND :

- WB — WEATHER BOARD: KLC Generation II, MicroPro H3.2 Vertical Shiplap WB. Profile to NZS 3617
- IL — INTERNAL LINING: Selected Internal Lining
- BW — BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)
- IN — INSULATION: Selected Insulation
- FT3 — FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1
- TF — TIMBER FRAME: H1.2 min treated timber framing
- CB1 — CAVITY BATTEN, HORIZONTAL: 45x20 Castellated with a 18 degree bevelled slope. MicroPro H3.2 FJ. To form a 20mm cavity
- CF — CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 4.3 50x50 Hem or Hook to Flashing Edges 75x75 NO, Hem or Hook Required EXTRA HIGH WIND ZONE 100x100 Hem or Hook to Flashing Edges, Refer NZBC E2/AS1 4.5.1
- CB2 — CAVITY BATTEN, VERTICAL: 45x20 KLC Generation II, MicroPro H3.2 FJ. To form a 20mm cavity

MicroPro® Wood Treatment Technology

1. KLC use the MicroPro Micronized Copper Azole (MCA) based preservative system for their wood products. It accounts for 80% of wood treated in the US for domestic applications
2. Micronized Copper Azole (MCA) preservatives are EPA-approved for use in NZ and AUS to NZS3640:2003 and AS1604.1:2012
3. MicroPro preservative is applied using high-pressure and vacuum-pressure in the impregnation process in KLC's modern, automated treatment facility.
4. Cut End Treatment : All cut ends surfaces are to be double coated and sealed before fixing. With a alkyd (oil based) primer
5. MicroPro preservative solution has benefits of reduced corrosivity. Use Hot Dip Galvanised Fasteners & Stainless Steel fasteners. MicroPro may be placed in direct contact with Aluminium Building products in interior applications, and above ground exterior applications that provide proper water drainage
6. MicroPro® is the first wood treatment process to be EPP (Environmentally Preferable Product) certified by Scientific Certification Systems based on a life cycle assessment.
7. MicroPro® is environmentally sustainable, is low leaching, low VOC emissions and the award of the GREENGUARD Children and Schools' Certification from the Greenguard® Environmental Institute.
8. MicroPro® Wood Treatment Technology has received a Global GreenTag GreenRate™ Level A this declaration is 'Fit-for-Purpose' and confirmed for Green Building compliance.
9. MicroPro® Wood Treatment Technology has received GreenTag PhD™ proving claims that MicroPro® is safe for human health (and ecosystems).

HOW TO DETERMINE THE TIMBER WEATHERBOARD STRUCTURE :

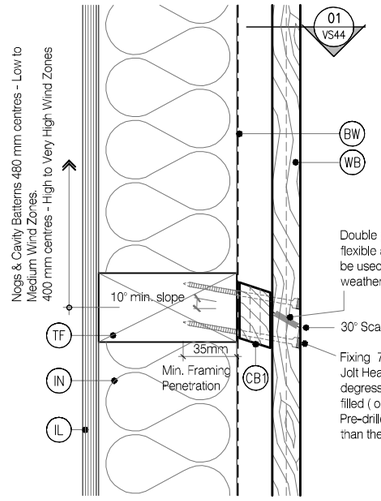
1. Establish the " RISK" (Section 3.1 & Figure 1 E2/AS1)
2. Definition of Risk Levels (Section 3.1.1 & Table 1 E2/AS1)
3. Building Envelope Risk Score (Section 3.1.2 & Table 2 E2/AS1) The RISK MATRIX defines the RISK SCORE
4. Suitable Wall Claddings (Table 3 E2/AS1)
5. The Architect / Designer are responsibility to confirm the RISK MATRIX, RISK SCORE & SUITABLE CLADDINGS

NOTES:
Claddings in Extra High Wind Zones require:
a. Rigid underlays to (Paragraph 9.1.7.2 E2/AS1)
b. Drained Cavities to (Paragraph 9.1.8 E2/AS1)
c. Hooks and Hems on flashing upstands and additional 25mm height to (Paragraph 4.6 E2/AS1)

6. FROM TABLE 3 E2/AS1

RISK SCORE	DIRECT FIX	20mm CAVITY FIX
0 - 6	Timber Weather Boards (All Types)	(Not Required)
7 - 12	Bevel Back Timber WB Vertical Timber Board & Batten	Rusticated WB
13 - 20	(Direct Fix NOT Allowed)	Rusticated WB B.B Timber WB
20 +	(Redesign or Specific Design)	

Table 3 E2/AS1 are the minimum requirements, For extra security, you can always upgrade to a higher specification.



C6 VS45 SCARF JOINT - HORIZONTAL
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3

CAD REF : KLC CF20 VS40-46 - GENERAL DETAILS 01.dwg
DATE : 25/10/2018

KLC Naturally Better
www.klc.co.nz

TYPE Generation II H3.2 Exterior Cladding Systems
Vertical Shiplap WB - Cavity Fix

NAME GENERAL DETAILS 01 - External & Internal Corner Details

CodeMark™ AQ-020216-CMNZ

DRAWING SCALE 1:2 @ A1 1:4 @ A3
ISSUE DATE 26/10/2018
DRAWING No KLC CF20 VS46
REVISION