

INSTALLATION GUIDE MANUAL FOR COMMERCIAL INDUSTRIAL HF 1000

Edmonton, Alberta, Canada **Ph:** (780) 955-6363

Fax: (780) 955-6377



DOELE

IMP VERTICAL WALL PANELS

TYPE

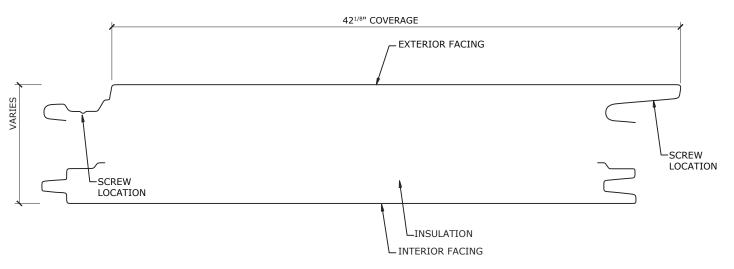
COMMERCIAL - INDUSTRIAL

HF-1000

MAY 1/22 A

HIDDEN FASTENER PANEL PROFILE





VERTICAL WALL PANEL

WIDTH: 42^{1/8"}
PROFILE: MESA/MESA, MICRO RIB/MESA
INSULATION THICKNESS: 3"
EXTERIOR FACING: 24ga, 26ga
INTERIOR FACING: 24ga, 26ga
AVAILABLE FINISHES: SMOOTH, EMBOSSED

DISCLAIMER

THE DETAILS ARE PROVIDED FOR REFERENCE AND AS A GUIDELINE TO INDUSTRY ACCEPTED PRACTICES FOR SIMPLE BUILDING CONDITIONS. THESE DETAILS DO NOT ADDRESS ALL BUILDING TYPES, CONDITIONS OR DESIGN. THE DETAILS MUST BE CHECKED FOR SUITABILITY AND MODIFIED BASED ON THE PROJECTS INTENDED USE, LOCATION, AND DESIGN LOADS.

A QUALIFIED DESIGN PROFESSIONAL SHOULD BE CONSULTED TO ENSURE MATERIALS, PRODUCTS, AND DESIGN COMPLY WITH APPLICABLE CODES, REGULATIONS, AND STANDARDS. THIS INCLUDES CORRECT PLACEMENT OF SALLANTS, LOCATION OF AIRWAPOUR BARRIERS AND PROJECT SPECIFIC DESIGN LOADS REQUIRED BY CODE TO MEET THE REQUIREMENTS FOR THE LOCAL AUTHORITES HAVING JURISDICTION.

STRUCTURAL SUPPORTS AND CONNECTIONS ARE SHOWN FOR ILLUSTRATION PURPOSES ONLY. CONSTRUCTION DRAWINGS GOVERN OVER THESE DETAILS.

ADVANCED PANEL CONTINUES TO REFINE AND IMPROVE BASED ON CHANGES TO THE INDUSTRY. ADVANCED PANEL AND ITS AFFILIATED COMPANIES AND SUPPLIERS RESERVE THE RIGHT TO CHANGE DETAILS, SPECIFICATIONS, DESIGNS, OR PRODUCTS AT ANY TIME. PLEASE CONTACT ADVANCED PANEL OR YOUR LOCAL REPRESENTATIVE FOR THE LATEST INFORMATION AVAILABLE.

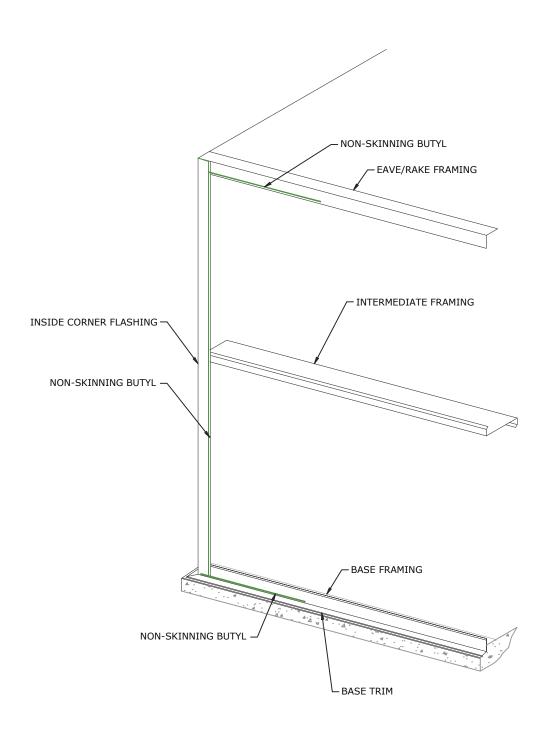
NOTES



IMP VERTICAL WALL PANELS

COMMERCIAL - INDUSTRIAL

HIDDEN FASTENER PANEL PROFILE - SERIES 1 HF-1000 MAY 1/22 A



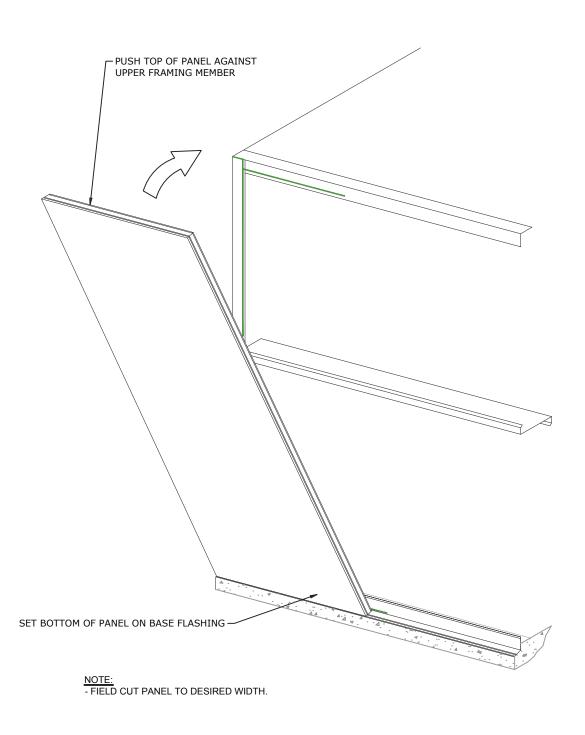


COMMERCIAL - INDUSTRIAL

HF-1000

MAY 1/22 A

WALL PANEL INSTALLATION - SERIES 2





COMMERCIAL - INDUSTRIAL

SECURE BOTTOM OF PANEL WITH SCREWS

HF-1000 MAY 1/22 A

WALL PANEL INSTALLATION - SERIES 3

SECURE TOP OF PANEL WITH SCREWS ALIGN PANEL EDGE WITH CORNER LINE **INSTALL SCREWS AT ALL** INTERMEDIATE SUPPORTS (IF APPLICABLE) CORNER PANEL -SECURE EDGE OF PANEL PLUMB PANEL WITH LEVEL WITH SELF-DRILLING SCREWS



COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A

WALL PANEL INSTALLATION - SERIES 4

MARRIAGE BEAD SEALANT (AT EAVE AND BASE) NON-SKINNING BUTYL PUSH TOP OF PANEL AGAINST UPPER FRAMING MEMBER INSTALLED PANEL -PRE-INSTALLED JOINT SEALANT -NEXT PANEL SET CLEARANCE BETWEEN PANELS SET BOTTOM OF PANEL ON BASE FLASHING



COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A

WALL PANEL INSTALLATION - SERIES 5

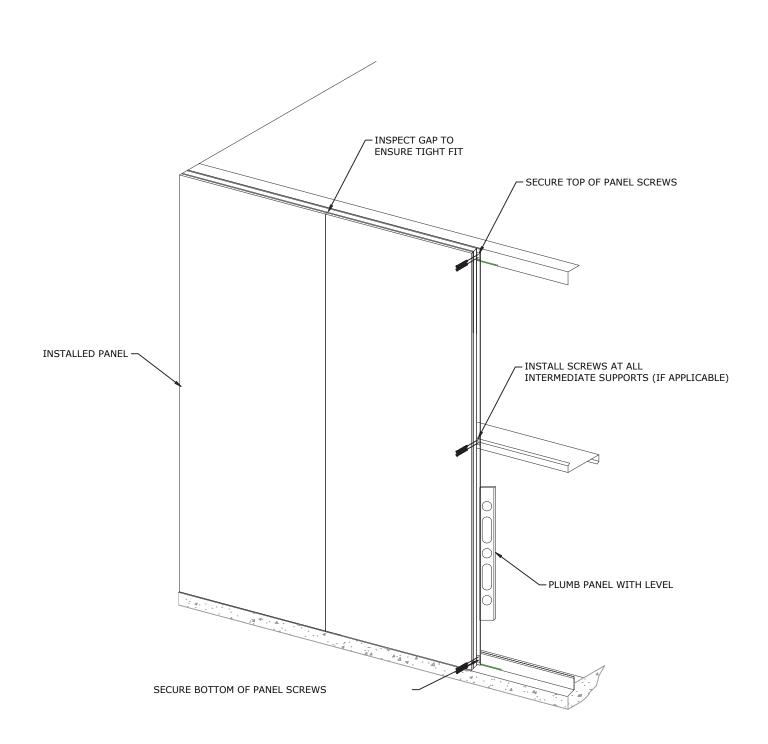
SLIDE PANEL OVER TO FULLY ENGAGE JOINT OF INSTALLED PANEL INSTALLED PANEL -NEXT PANEL PUSH BOTTOM OF PANEL TO ENGAGE JOINT OF INSTALLED PANEL



COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A

WALL PANEL INSTALLATION - SERIES 6





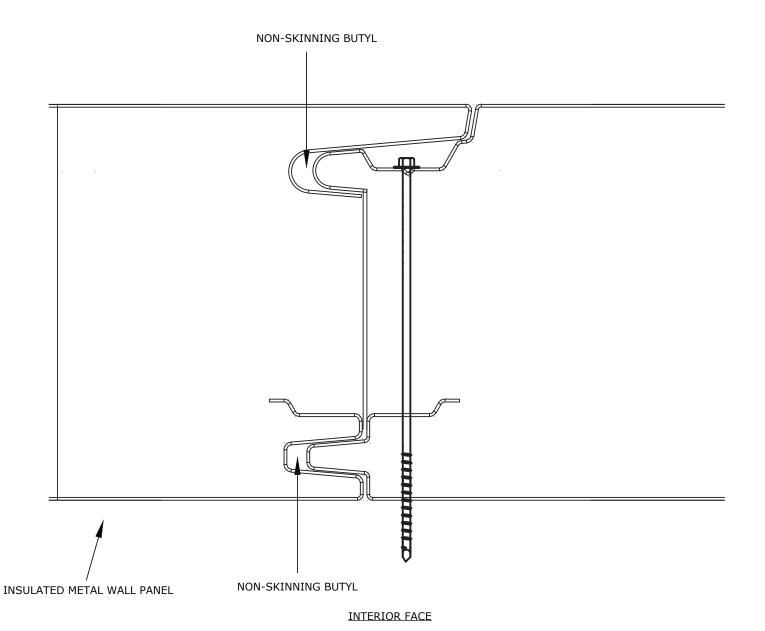
IMP WALL PANELS WALL PANEL SIDELAP

COMMERCIAL - INDUSTRIAL

HF-1000

MAY 1/22 A

EXTERIOR FACE VISUALLY INSPECT PANEL JOINT TO ENSURE SEAM IS EVENLY CLOSED WITH AN APPROX. 1/8" (3mm) GAP



- AT STRUCTURAL GIRT USE STRUCTURAL FASTENER.
 BEAD OF NON-SKINNING BUTYL IS TO BE 3/8" UNLESS NOTED OTHERWISE.
 IF SEALANT RUNS OUT OF JOIN ENSURE IT IS CLEANED OFF THE PANEL IMMEDIATELY.
- A. DETAILS ARE FOR GUIDELINES ONLY, AND MAY NOT BE SUITABLE FOR ALL BUILDING DESIGNS AND CONDITIONS.
 B. SCREW LENGTHS MAY VARY PER CUSTOMER REQUEST.



IMP WALL PANELS PANEL BASE CONNECTION

COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A

VARIES INSULATED METAL WALL PANEL -MINIMUM 2 FASTENERS BASE SEALANT COVER TRIM -(BY FRAMING SUPPLIER) 1/8"Ø X 1/2" STAINLESS STEEL -RIVET @ 16"(406mm) O/C OR #8 1/2" TEK MIN. BASE TRIM -BASE ANGLE (BY FRAMING SUPPLIER) 1/4"x7/8" BUTYL TAPE -OR NON-SKINNING BUTYL . . CONCRETE ANCHORS (BY OTHERS) NON-SKINNING BUTYL WITH MARRIAGE BEAD TO INTERIOR PANEL JOINT.



COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A

PANEL BASE CONNECTION W/ INSULATION

VARIES INSULATED METAL WALL PANEL -MINIMUM 2 FASTENERS COVER TRIM -1/8"Ø x 1/2" STAINLESS STEEL -RIVET @ 16"(406mm) O/C OR #8 1/2" TEK BASE SEALANT (BY FRAMING SUPPLIER) BASE ANGLE BASE TRIM -(BY FRAMING SUPPLIER) 1/4"x7/8" BUTYL TAPE -OR NON-SKINNING BUTYL INSULATION -(BY OTHERS) CONCRETE ANCHORS (BY OTHERS) NON-SKINNING BUTYL WITH MARRIAGE BEAD TO INTERIOR PANEL JOINT.

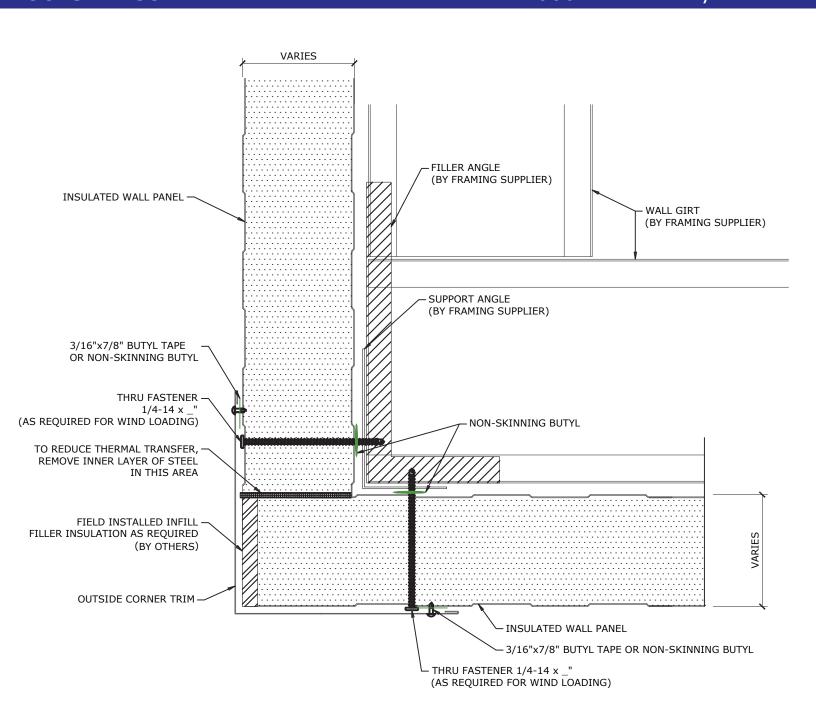


IMP WALL PANELS
OUTSIDE CORNER

COMMERCIAL - INDUSTRIAL

HF-1000

MAY 1/22 A



NOTE

⁻ FIELD CUT STARTING PANEL AND ENDING PANEL AS REQUIRED AT CORNER TRANSITION.

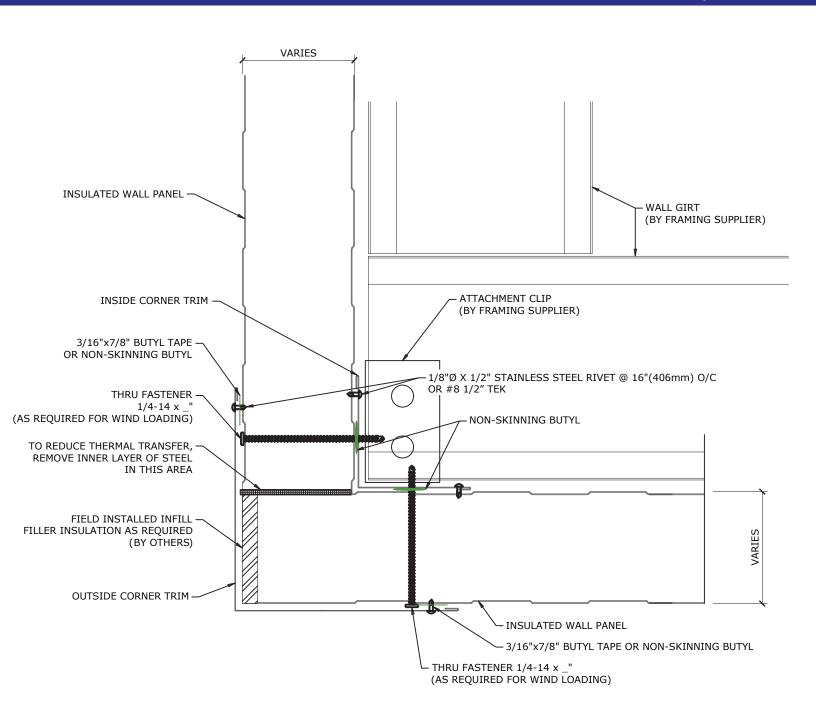
⁻ SEALER IN THE OUTER GROOVE OF THE WALL PANEL AND BEHIND THE OUTER TRIMS IS ONLY REQUIRED IN WET LOCATIONS AND WHERE A REVERSE VAPOUR BARRIER IS REQUIRED. SEE BUILDING SPECIFIC DRAWINGS.



OUTSIDE CORNER

COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A



⁻ FIELD CUT STARTING PANEL AND ENDING PANEL AS REQUIRED AT CORNER TRANSITION.

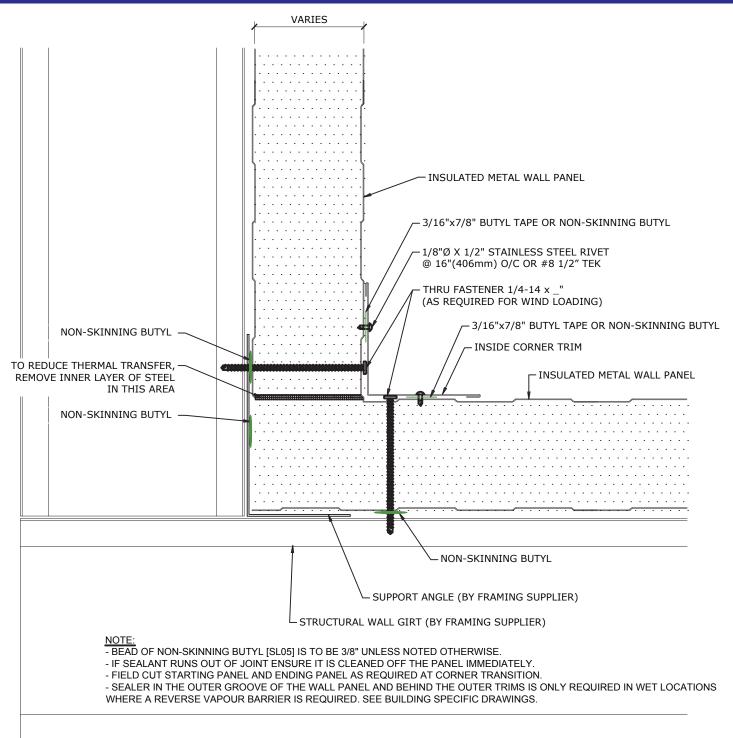
⁻ SEALER IN THE OUTER GROOVE OF THE WALL PANEL AND BEHIND THE OUTER TRIMS IS ONLY REQUIRED IN WET LOCATIONS AND WHERE A REVERSE VAPOUR BARRIER IS REQUIRED. SEE BUILDING SPECIFIC DRAWINGS.



IMP WALL PANELS
INSIDE CORNER

COMMERCIAL - INDUSTRIAL

PE DATE MAY 1/22 A

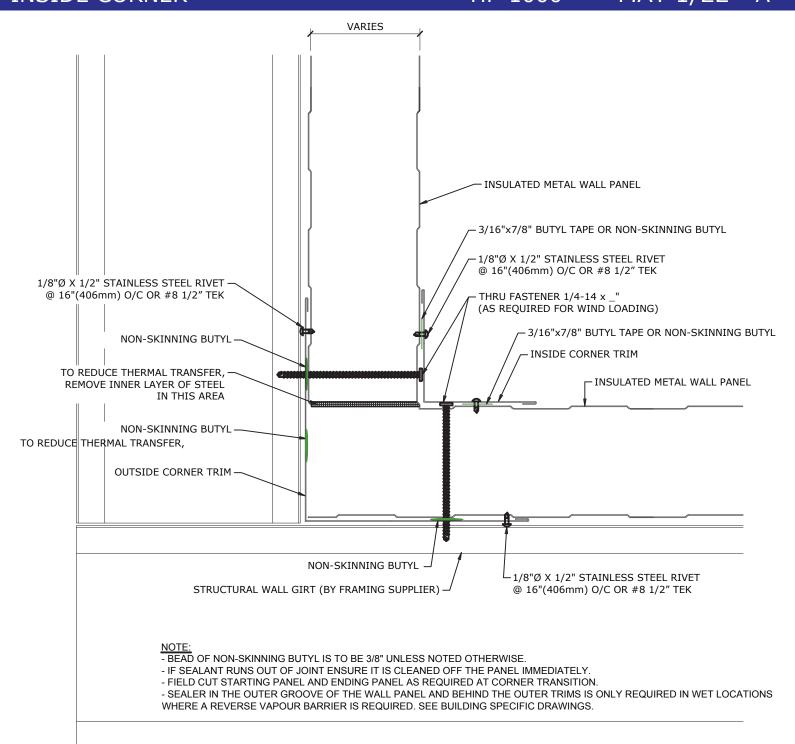




IMP WALL PANELS
INSIDE CORNER

COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A

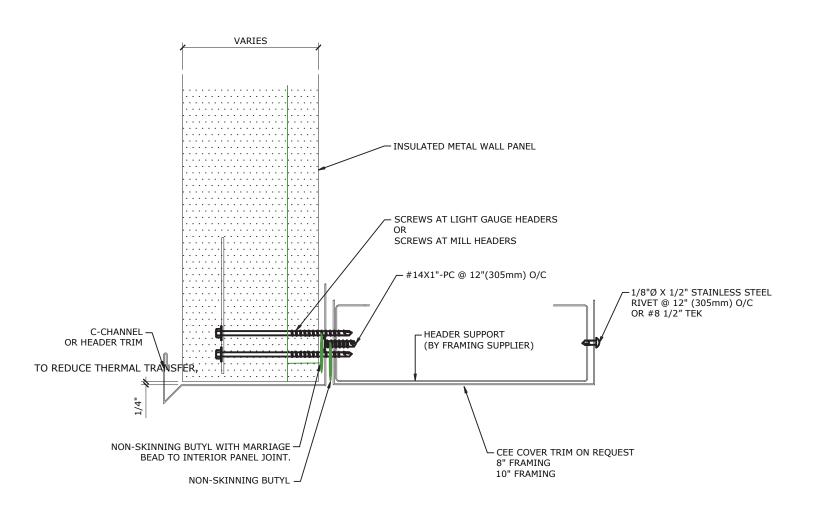




IMP WALL PANELS DOOR HEADER

COMMERCIAL - INDUSTRIAL

PE HF-1000 MAY 1/22 A



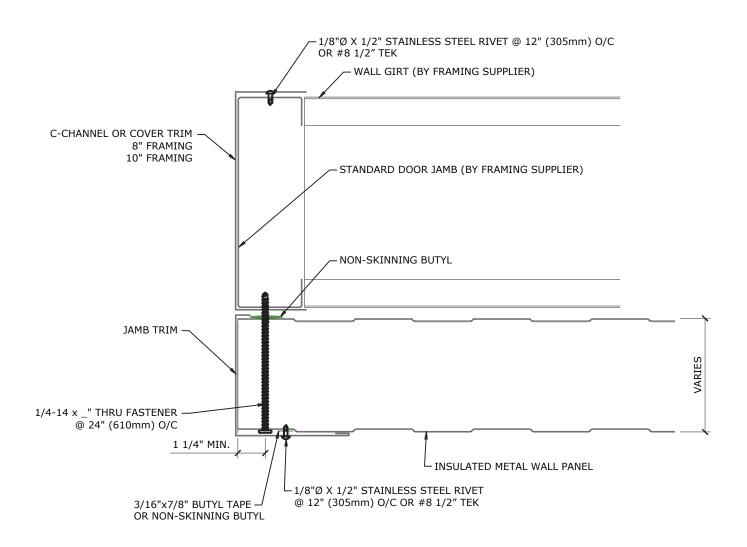
- BEAD OF NON-SKINNING BUTYL IS TO BE 3/8" UNLESS NOTED OTHERWISE.
- IF SEALANT RUNS OUT OF JOINT ENSURE IT IS CLEANED OFF THE PANEL IMMEDIATELY.
- BEAD OF URETHANE POLYSEAL IS TO BE 1/4" MINIMUM. A LARGER BEAD MAY BE USED IF REQUIRED.



IMP WALL PANELS DOOR JAMB

COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A



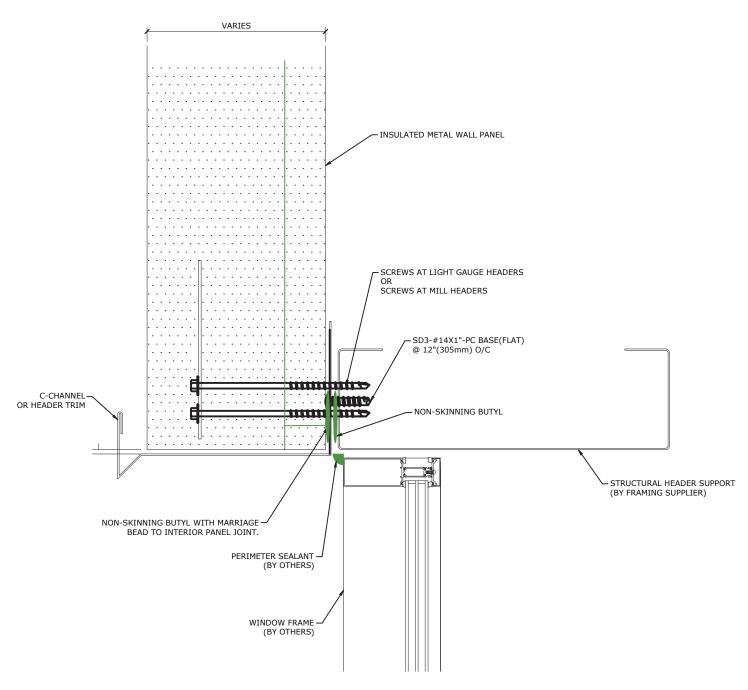
- BEAD OF NON-SKINNING BUTYL IS TO BE 3/8" UNLESS NOTED OTHERWISE.
- IF SEALANT RUNS OUT OF JOINT ENSURE IT IS CLEANED OFF THE PANEL IMMEDIATELY.
- BEAD OF URETHANE POLYSEAL IS TO BE 1/4" MINIMUM. A LARGER BEAD MAY BE USED IF REQUIRED.



WINDOW HEADER

COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A



NOTE:

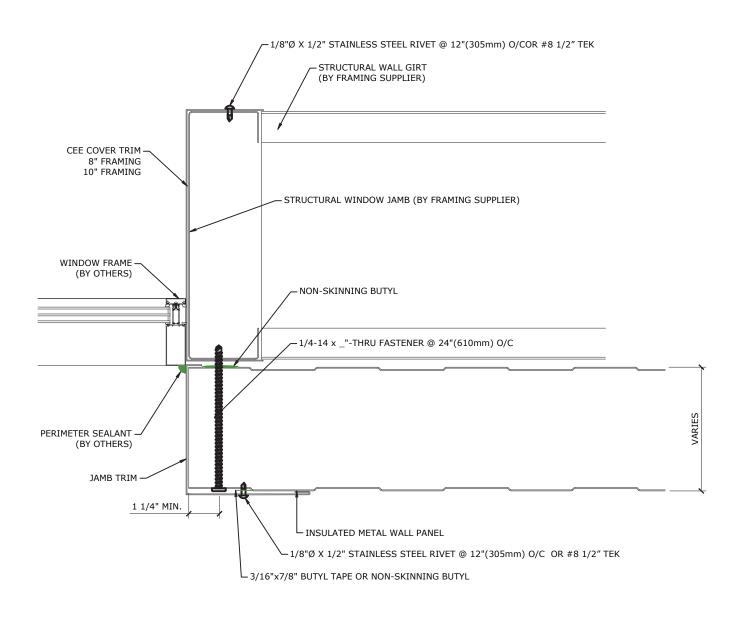
- BEAD OF NON-SKINNING BUTYL IS TO BE 3/8" UNLESS NOTED OTHERWISE.
- IF SEALANT RUNS OUT OF JOINT ENSURE IT IS CLEANED OFF THE PANEL IMMEDIATELY.
- BEAD OF URETHANE POLYSEAL IS TO BE 1/4" MINIMUM. A LARGER BEAD MAY BE USED IF REQUIRED.



IMP WALL PANELS WINDOW JAMB

COMMERCIAL - INDUSTRIAL

PE HF-1000 MAY 1/22 A



NOTE:

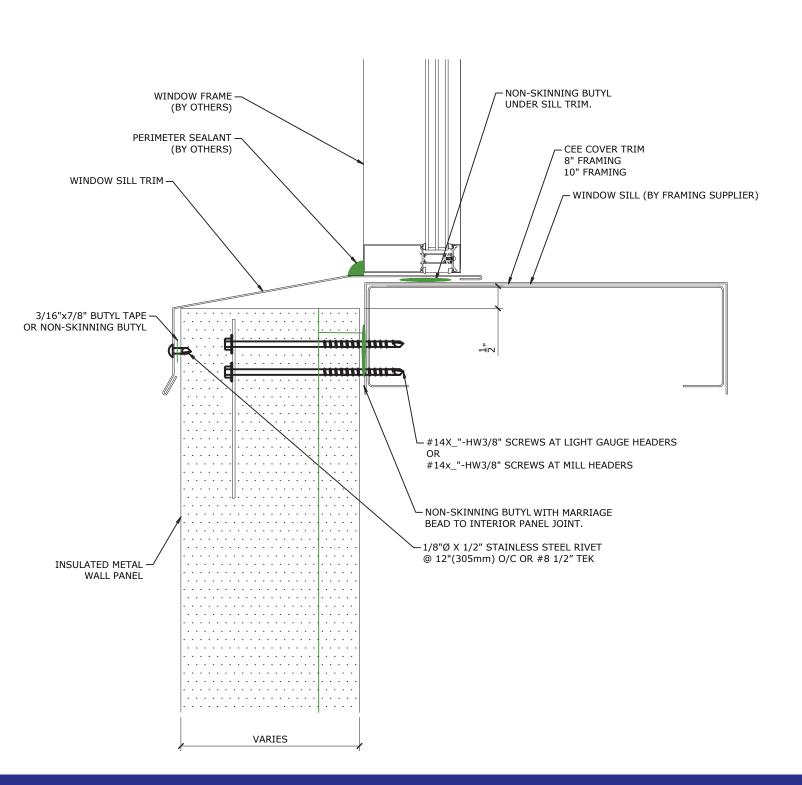
- BEAD OF NON-SKINNING BUTYL IS TO BE 3/8" UNLESS NOTED OTHERWISE.
- IF SEALANT RUNS OUT OF JOINT ENSURE IT IS CLEANED OFF THE PANEL IMMEDIATELY.
- BEAD OF URETHANE POLYSEAL IS TO BE 1/4" MINIMUM. A LARGER BEAD MAY BE USED IF REQUIRED.



IMP WALL PANELS WINDOW SILL

COMMERCIAL - INDUSTRIAL

PE HF-1000 MAY 1/22 A

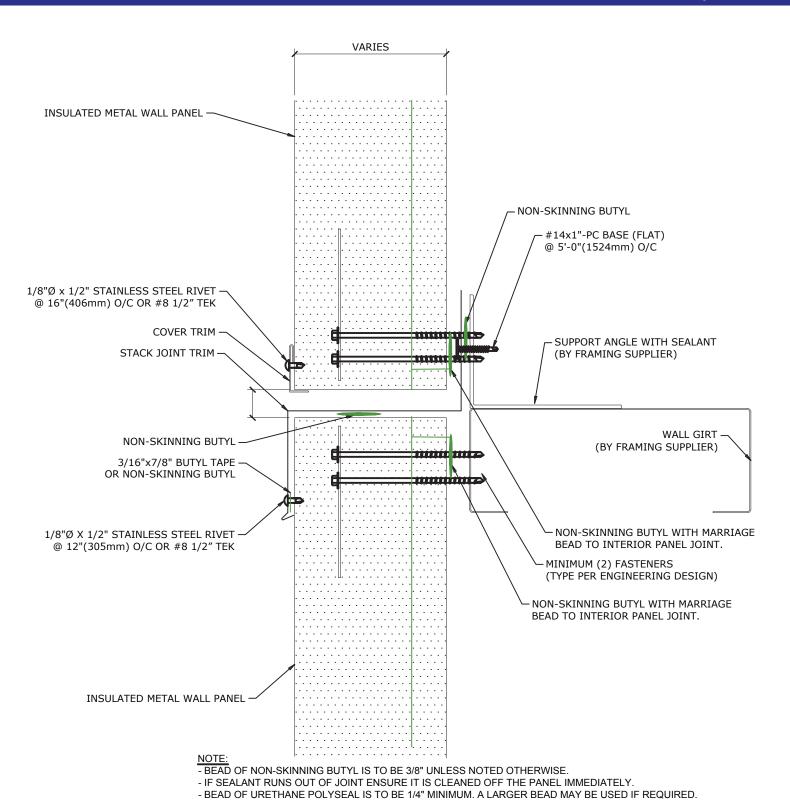




VERTICAL STACK JOINT

COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A



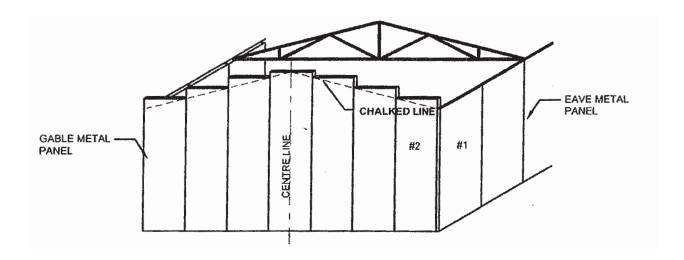
A. DETAILS ARE FOR GUIDELINES ONLY, AND MAY NOT BE SUITABLE FOR ALL BUILDING DESIGNS AND CONDITIONS. B. SCREW LENGTHS MAY VARY PER CUSTOMER REQUEST.



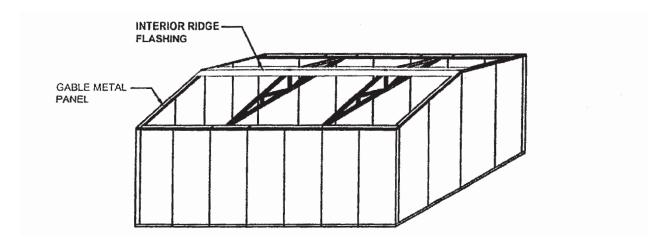
COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A

1. Make a mark on gable wall at the same height as the truss peak and snap the line to the top of the eave wall as shown below.



2. Cut along chalk line with circular saw, then install top cap channel (Gable cap). Do this on both ends, once this is completed, the building is ready for roof installation.





TYPICAL INSTALLATION WALL METAL PANEL

PPI TCATTO

COMMERCIAL - INDUSTRIAL

HF-1000

MAY 1/22 A

6.) 1/8"Ø X 1/2" STAINLESS STEEL RIVET @ 16" (406MM) OR INSTALL C-CHANNEL FLASHING AND FASTEN WITH #8 1/2" STITCH SCREW @ 12"O.C. 5.) AS PANELS AND FLASHING ARE ASSEMBLED, APPLY SILICONE SEALANT 4.) ALIGN PANEL TO ADJACENT PANEL TO ALL LEADING **EDGES FOR** WATERTIGHT SEAL SIDE PANEL TO SLIDE ON BASE 2.) INSTALL BOTH CORNER WALL FLASHING INTO ADJACENT PANEL PANELS ONTO BASE **FLASHING** INSTALL EXT. CORNER FLASHING AND FASTEN CORNER PANEL WITH #8X9/16" STITCH SCREW@ 12" O.C. 7.) NEW FLASHING 1.) INSTALL BASE FLASHINGS WITH SCREWS @ 16" O.C. (2 @ DOOR OPENING) APPLY SILL GASKET BETWEEN FLASHING AND BASE PAD

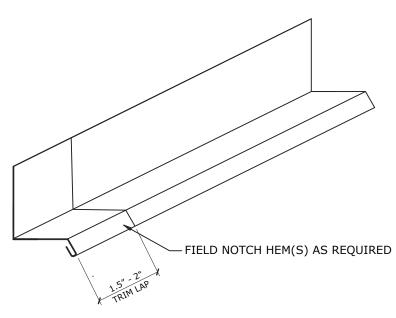


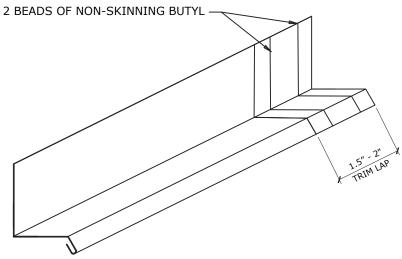
IMP WALL PANELS TRIM END LAP - BASE

COMMERCIAL - INDUSTRIAL

HF-1000

MAY 1/22 A





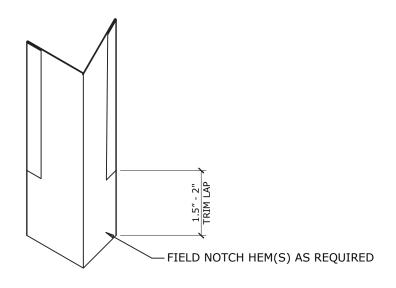
NOTE:
- RIVET OR STITCH SCREW AS NECESSARY.

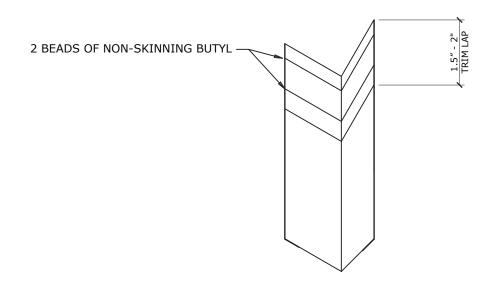


IMP WALL PANELS TRIM END LAP - CORNER COMMERCIAL - INDUSTRIAL

HF-1000

MAY 1/22 A





NOTE:
- RIVET OR STITCH SCREW AS NECESSARY.

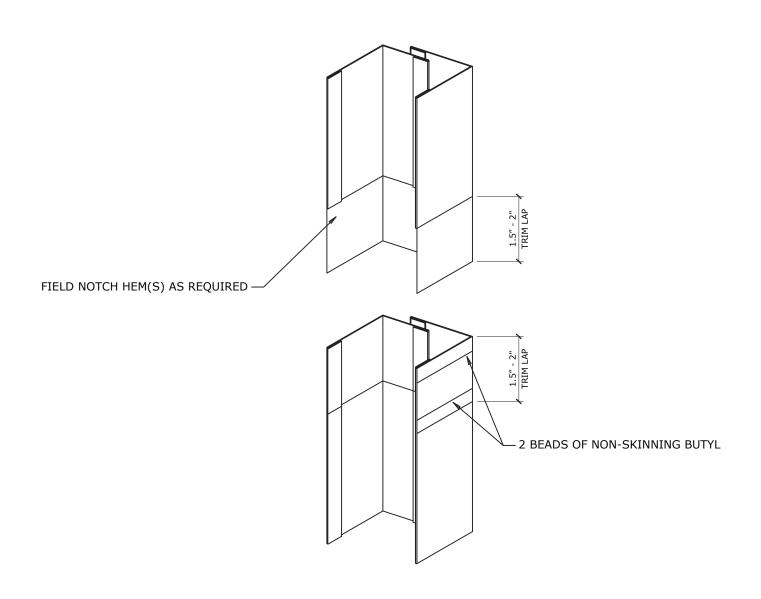


TRIM END LAP - TWO PIECE JAMB

COMMERCIAL - INDUSTRIAL

HF-1000

MAY 1/22 A



NOTE:
- RIVET OR STITCH SCREW AS NECESSARY.



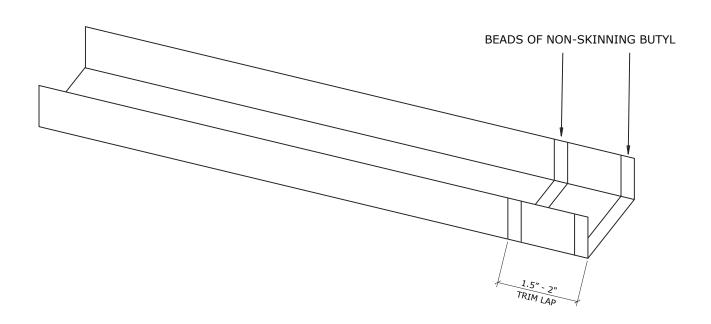
C-CHANNEL LAP - TOP OF WALL AND CAPING

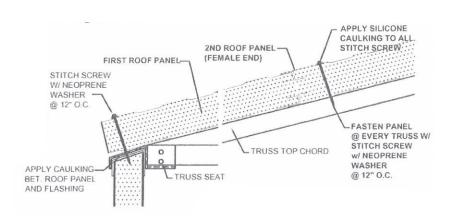
PPLICATION

COMMERCIAL - INDUSTRIAL

HF-1000

MAY 1/22 A



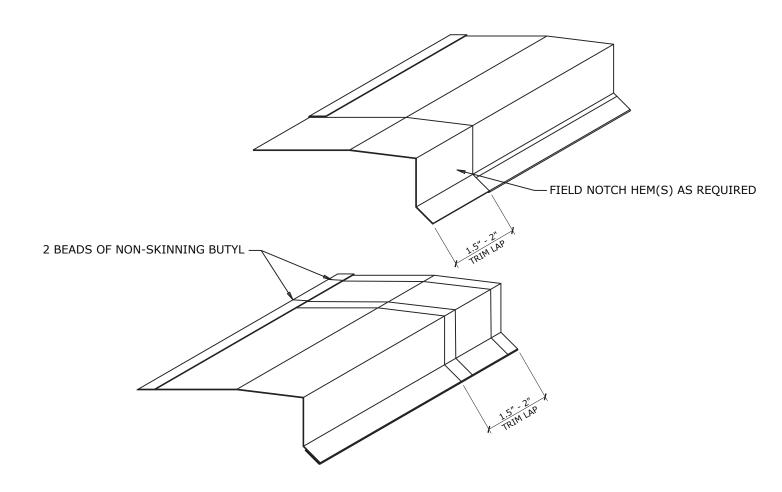




IMP WALL PANELS TRIM END LAP - SILL

COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A



- RIVET OR STITCH SCREW AS NECESSARY.



IMP WALL PANELS TRIM END LAP - SILL COMMERCIAL - INDUSTRIAL

HF-1000 MAY 1/22 A

