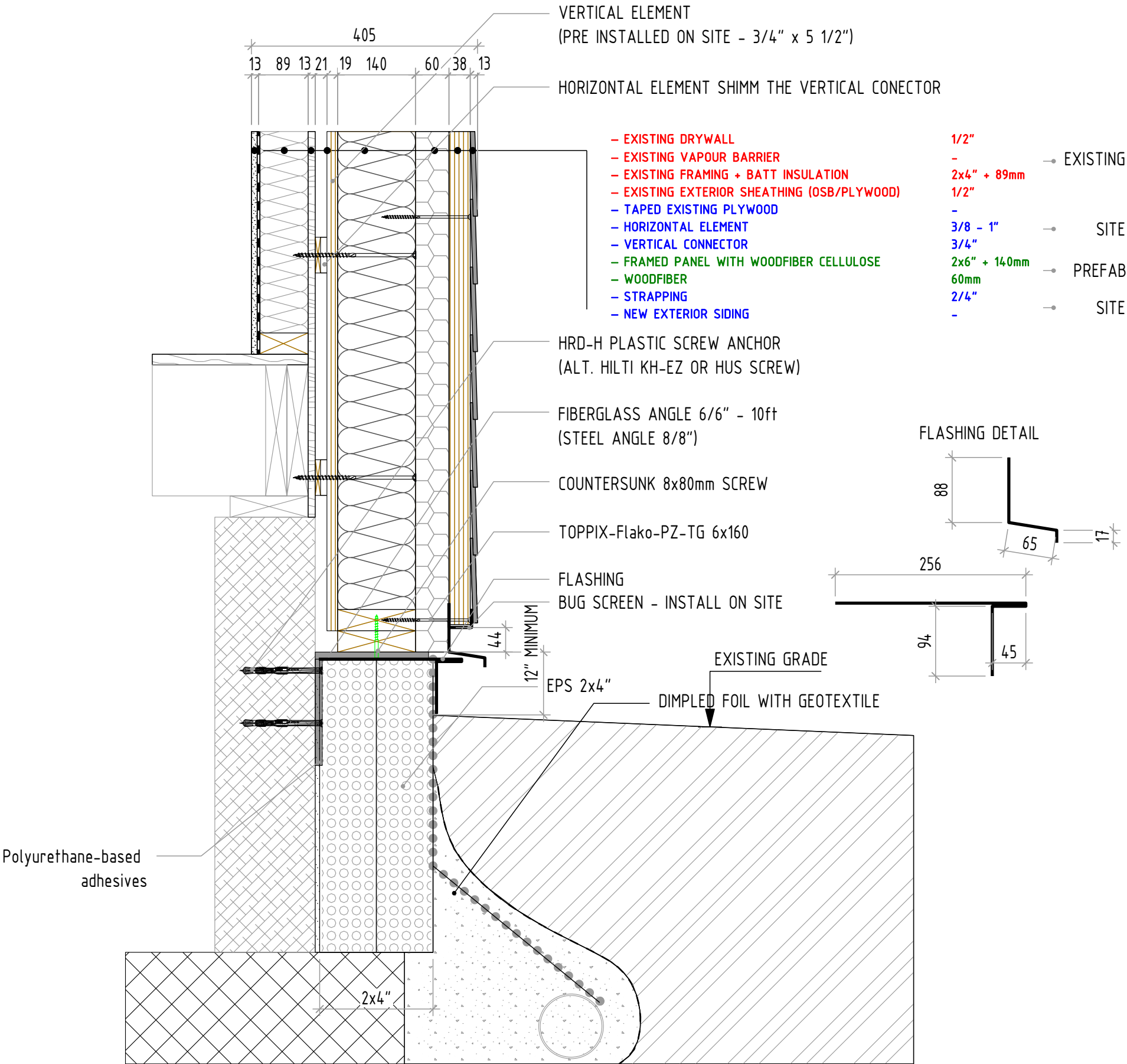


2 - PANEL DETAIL FOUNDATION (1:8)



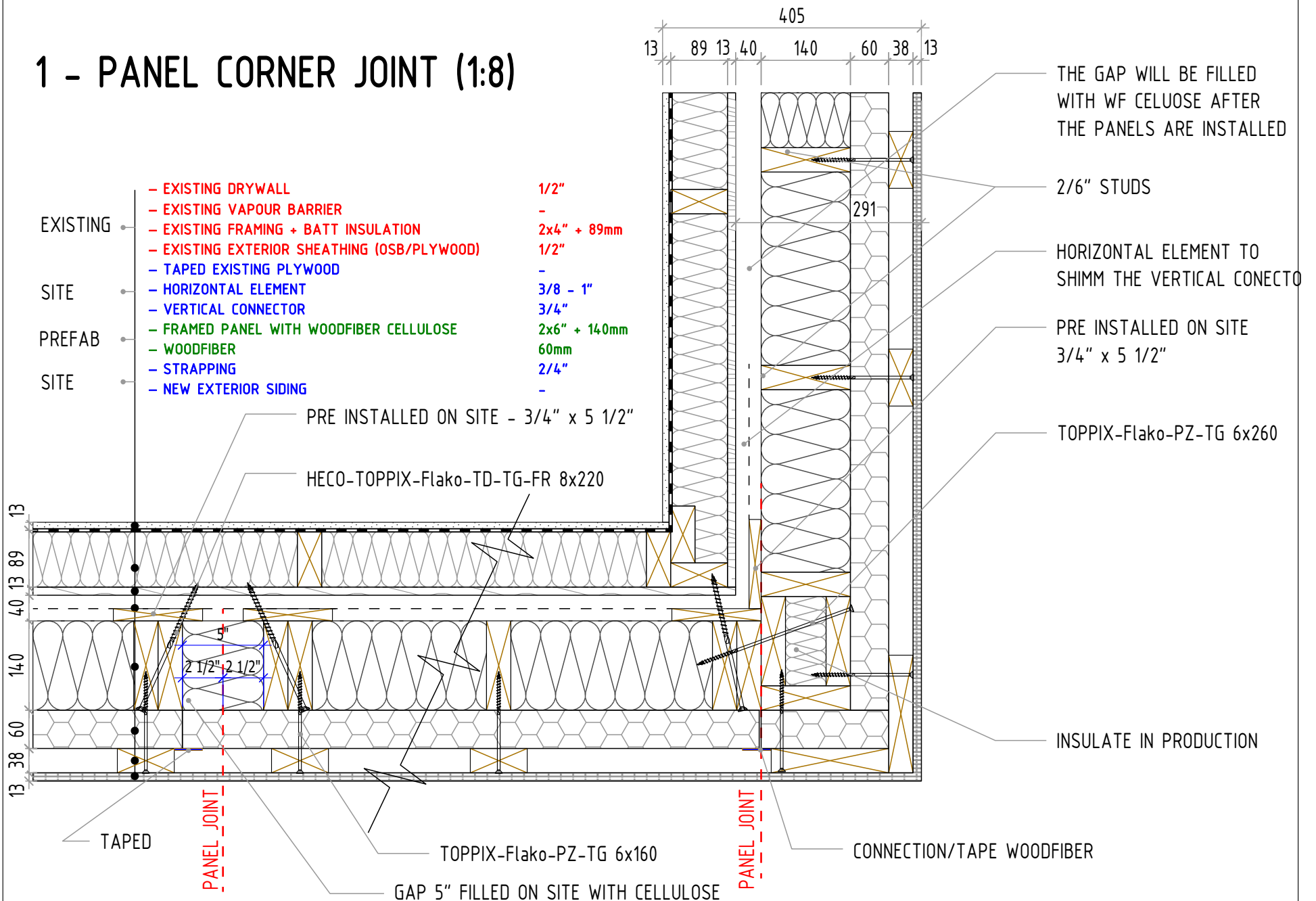
- 1) Excavate the Existing Gravel:** Remove the current soil around foundation to prepare the site for further work.
- 2) Install Fiberglass Angles:** Secure fiberglass angles at determined height of the existing concrete foundation to provide structural support.
- 3) Attach Wooden Connectors:** Fix wooden connectors to the existing wall(existing sheathing needs to be taped first). These will serve as attachments for the panels.
- 4) Insert Bottom Panels:** Place the bottom panels onto the wooden connectors,ensuring they are supported by the bottom L-shaped fiberglass profile.
- 5) Fasten Panels:** Secure the prefabricated panels to the L-shaped fiberglass angle at the bottom for stability.
- 6) Install EPS with Flashing:** Fit expanded polystyrene (EPS) insulation and cover it with flashing to protect against moisture and ensure durability.
- 7) Install French Drainage:** Add French drainage around the foundation to manage water runoff and prevent water accumulation.

Unit 124 - 109
Bow Meadows Crescent
Canmore, AB T1W 2W8
PH: +1 403-493-6688
raphael@hssdesignbuild.com

PROJECT: IFIT RETROFIT
FILE NAME: Prefab Details 2D
DATE: 04-04-2025 SCALE: 1/8

TITLE: Grade to BO panel
CHECKED BY: Raphael Spinner
DESIGNER: Filip Macal

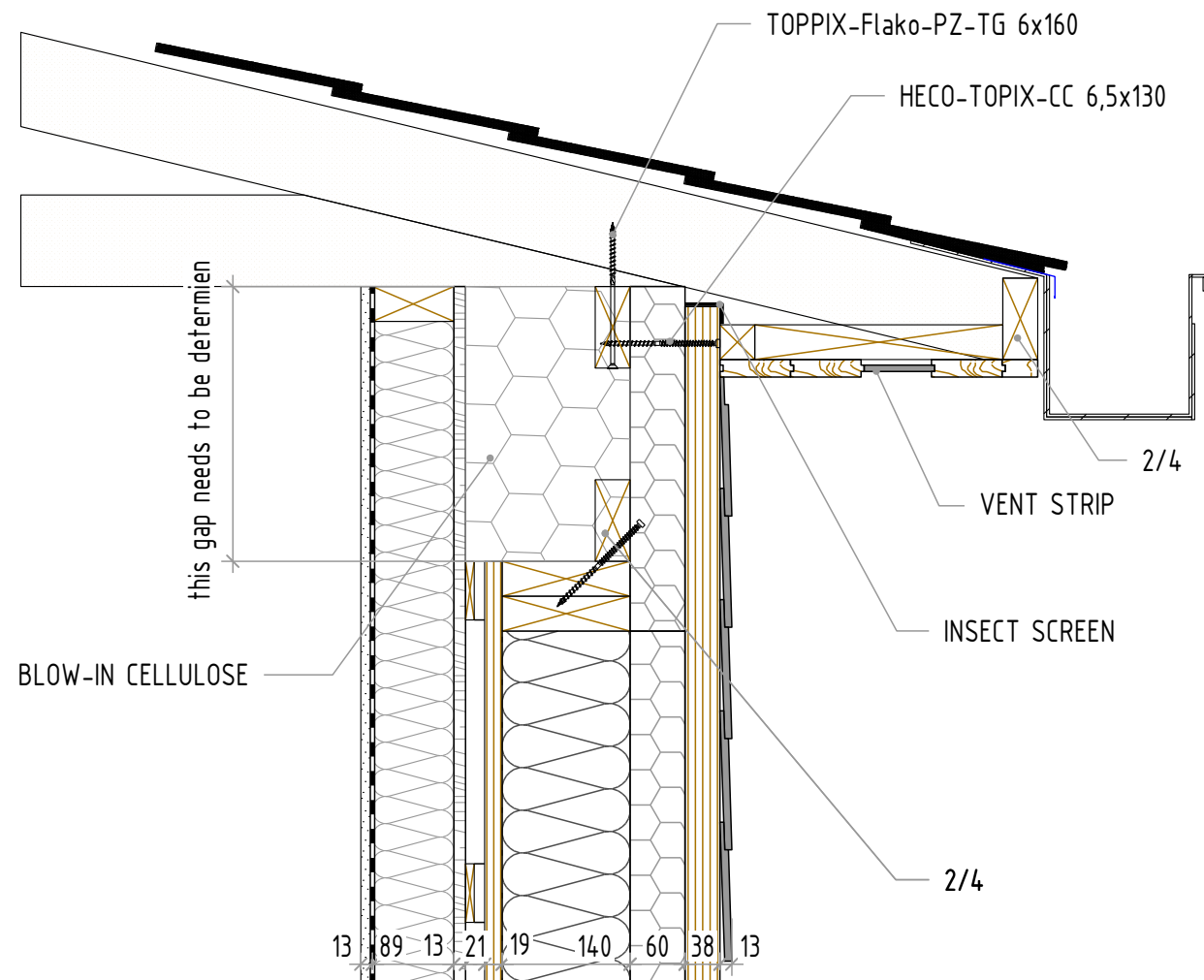
1 - PANEL CORNER JOINT (1:8)



PROJECT: IFIT RETROFIT
 FILE NAME: Prefab Details 2D
 DATE: 04-04-2025 SCALE: 1/8

TITLE: Panel joint corner
 CHECKED BY: Raphael Spinner
 DESIGNER: Filip Macal

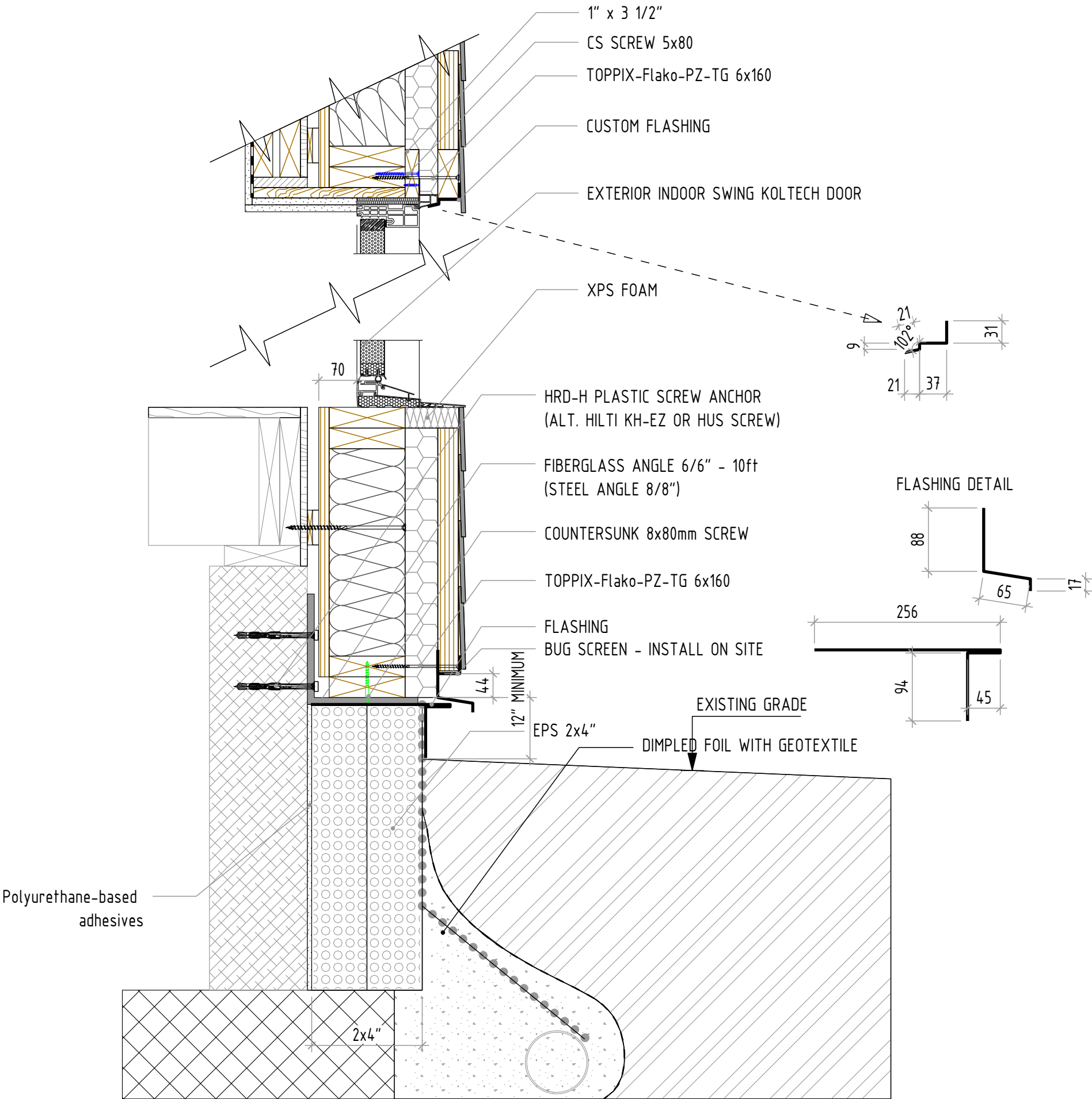
5 - PANEL HORIZONTAL JOINT ROOF (1:8)



PROJECT: IFIT RETROFIT
FILE NAME: Prefab Details 2D
DATE: 04-04-2025 SCALE: 1/8

TITLE: *Roof connection*
CHECKED BY: *Raphael Spinner*
DESIGNER: *Filip Macal*

2 - PANEL DETAIL DOOR (1:8)



- 1) **Excavate the Existing Gravel:** Remove the current soil around foundation to prepare the site for further work.
- 2) **Install Fiberglass Angles:** Secure fiberglass angles at determined height of the existing concrete foundation to provide structural support.
- 3) **Attach Wooden Connectors:** Fix wooden connectors to the existing wall(existing sheathing needs to be taped first). These will serve as attachments for the panels.
- 4) **Insert Bottom Panels:** Place the bottom panels onto the wooden connectors,ensuring they are supported by the bottom L-shaped fiberglass profile.
- 5) **Fasten Panels:** Secure the prefabricated panels to the L-shaped fiberglass angle at the bottom for stability.
- 6) **Install EPS with Flashing:** Fit expanded polystyrene (EPS) insulation and cover it with flashing to protect against moisture and ensure durability.
- 7) **Install French Drainage:** Add French drainage around the foundation to manage water runoff and prevent water accumulation.

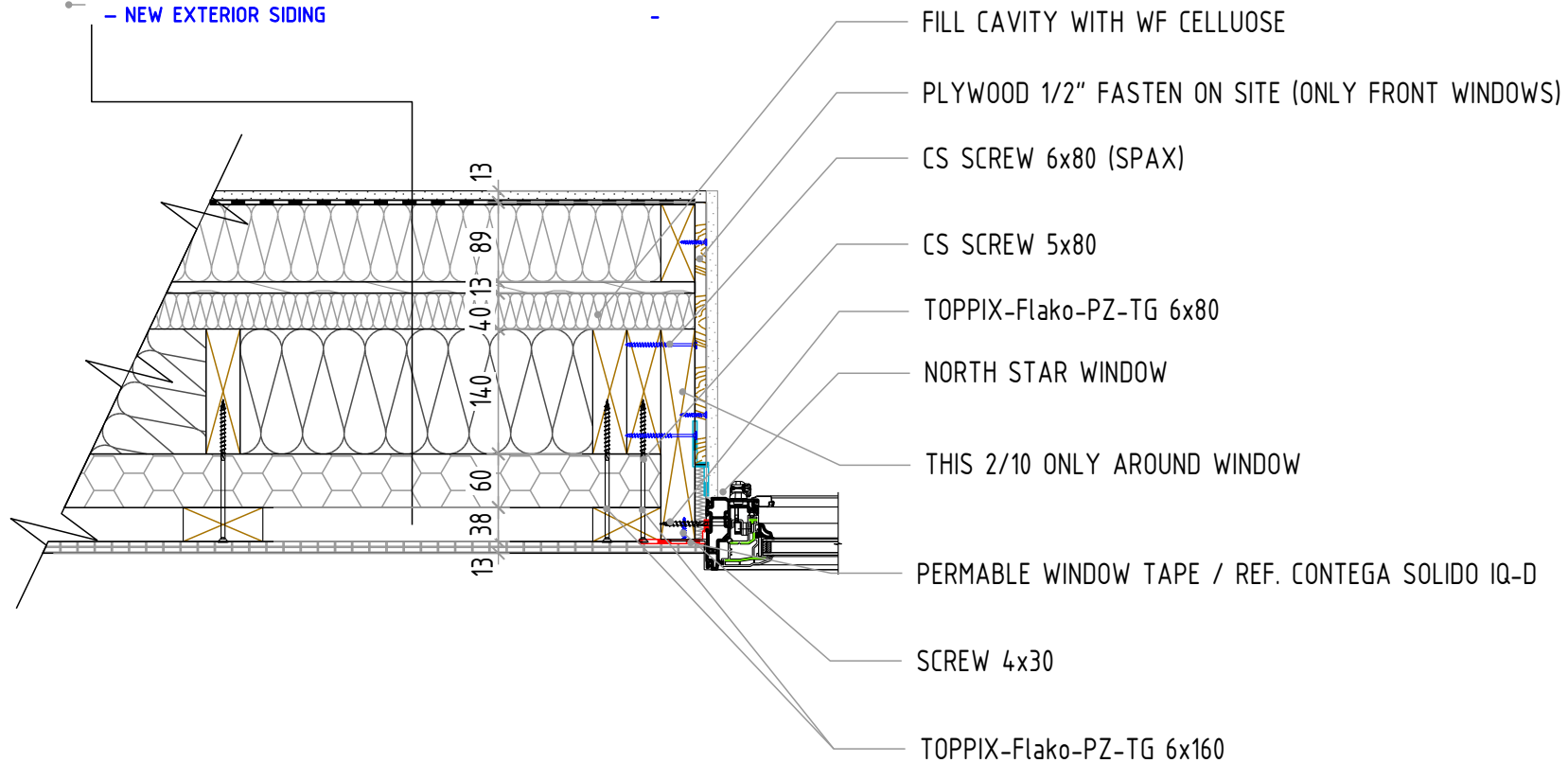
Unit 124 - 109
Bow Meadows Crescent
Canmore, AB T1W 2W8
PH: +1 403-493-6688
raphael@hssdesignbuild.com

PROJECT: IFIT RETROFIT
FILE NAME: Prefab Details 2D
DATE: 04-04-2025 SCALE: 1/8

TITLE: DOOR PANEL
CHECKED BY: Raphael Spinner
DESIGNER: Filip Macal

4 - WINDOW JOINT HORIZONTAL

EXISTING	- EXISTING DRYWALL	1/2"
	- EXISTING VAPOUR BARRIER	-
	- EXISTING FRAMING + BATT INSULATION	2x4" + 89mm
	- EXISTING EXTERIOR SHEATHING (OSB/PLYWOOD)	1/2"
SITE	- TAPED EXISTING PLYWOOD	-
	- HORIZONTAL ELEMENT	3/8 - 1"
	- VERTICAL CONNECTOR	3/4"
PREFAB	- FRAMED PANEL WITH WOODFIBER CELLULOSE	2x6" + 140mm
	- WOODFIBER	60mm
SITE	- STRAPPING	2/4"
	- NEW EXTERIOR SIDING	-



PROJECT: IFIT RETROFIT
 FILE NAME: Prefab Details 2D
 DATE: 04-04-2025 SCALE: 1/8

TITLE: *Panel joint - Window NORTHSTAR*
 CHECKED BY: *Raphael Spinner*
 DESIGNER: *Filip Macal*



HSS DESIGN BUILD
 SUSTAINABLE & PASSIVE HOMES

4 - WINDOW JOINT VERTICAL (1:8)

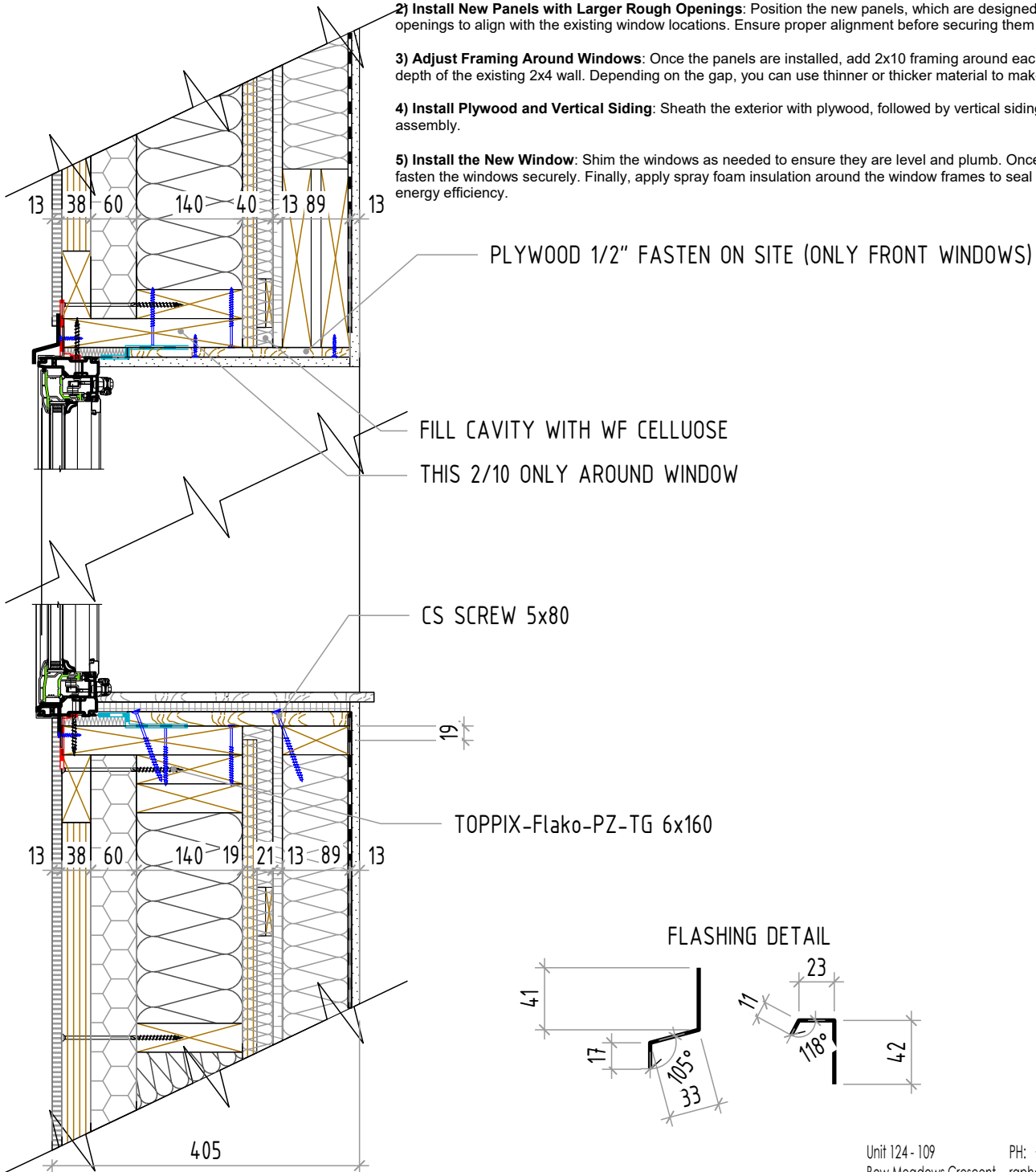
1) Remove the Old Window: Carefully remove the old window, ensuring the opening is clean and prepared for the new installation.

2) Install New Panels with Larger Rough Openings: Position the new panels, which are designed with larger rough openings to align with the existing window locations. Ensure proper alignment before securing them in place.

3) Adjust Framing Around Windows: Once the panels are installed, add 2x10 framing around each window to match the depth of the existing 2x4 wall. Depending on the gap, you can use thinner or thicker material to make the surface flush.

4) Install Plywood and Vertical Siding: Sheath the exterior with plywood, followed by vertical siding, to complete the wall assembly.

5) Install the New Window: Shim the windows as needed to ensure they are level and plumb. Once properly positioned, fasten the windows securely. Finally, apply spray foam insulation around the window frames to seal any gaps and improve energy efficiency.



Unit 124 - 109
Bow Meadows Crescent
Canmore, AB T1W 2W8
PH: +1 403-493-6688
raphael@hssdesignbuild.com

PROJECT: IFIT RETROFIT
FILE NAME: Prefab Details 2D
DATE: 04-04-2025 SCALE:

TITLE: Panel joint - Window NORTHSTAR
CHECKED BY: RS
DESIGNER: FM



HSS DESIGN BUILD
SUSTAINABLE & PASSIVE HOMES