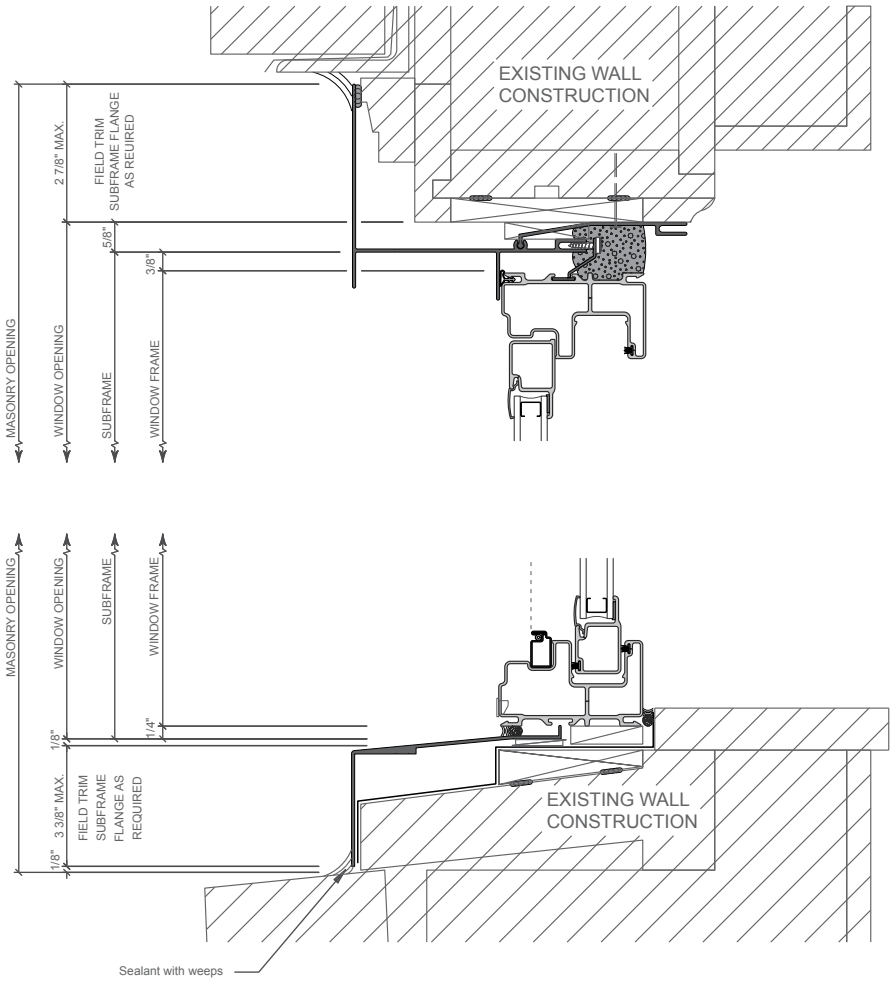
TECHNOTES

Pella® Impervia® Window Installation within Standard (Clad) Subframe System

The Standard Subframe System designed for older wood window replacement with Pella clad product may now be utilized for Pella Impervia windows, with a few minor adjustments. The Standard Subframe is available factory cut, notched and drilled, ready for job-site assembly and installation into the existing window pocket. Only the sashes of the existing windows are removed to allow the installation of the Subframe and window from the interior of the building. Attachment clips unique for Impervia are utilized for the window installation. Pella Architectural Solutions can help with a design specific to your project.





TECHNOTES

Advantages of the Standard Subframe system:

- Existing window frame remains integrated with the wall system.
- Eliminates cost and inconvenience of a complete tear out.
- Trim, wall coverings, paint and plaster are usually not disturbed.
- Conceals existing wood window frame and brickmould.
- Allows installation from inside the building.
- Reduces labor costs and eliminates need for exterior scaffolding and its expense.
- Factory cut, notched and drilled - Easy to assemble, insert and attach to the existing window opening.

Modifications from Standard Subframe Installation:

- Use Impervia Subframe Window Clip #50EB for attachment of the window to the subframe.
- The Standard Subframe sill includes an up-turned leg for insertion into the clad product fin groove. With the unique frame design of Impervia, all frame types will require shimming to fit over the subframe sill leg.
- Refer to matrix below to determine subframe and window frame sizes to enter in PQM.
- Window frame height order dimension will vary per subframe sill type – refer to matrix.
- Additional tooled line of sealant required between subframe sill and window when sill is shimmed.
- Windows or combinations over 36" in width will require attachment of the window sill to the existing construction with Impervia Standard Installation Clips.

Accessories required and PQM order information:

- **Standard Subframe:** PQM / Window and Door Products / Installation and Trim Lineal Accessories / Attachment Options / Subframe:
    - Subframe Head / Length (select Non-Standard Size) / Custom Length (refer to matrix).
    - Subframe Jamb / Length (select Non-Standard Size) / Custom Length (refer to matrix) / Left Jamb.
    - Subframe Jamb / Length (select Non-Standard Size) / Custom Length (refer to matrix) / Right Jamb.
    - Subframe Sill / Length (select Non-Standard Size) / Custom Length (refer to matrix) / Subframe Options / Subframe Sill Options (select Standard Sill for all window types including double hung).
- **Subframe Clip:** PQM / Pella Catalog / Box Qty Installation Accessory / Commercial System Accessories /Subframe Mounting Clip.
- **Gasket:** PQM / Pella Catalog /Box Qty Installation Accessory / Commercial System Accessories / Receptor Gasket 250' Roll.
- **Window Clips:** PQM / Pella Catalog / Impervia / Installation Accessories / Subframe Window Clips.

Standard Subframe / Impervia Window Sizing Matrix			
Subframe Width	Subframe Height	Window Width	Window Height
Deduct 1-1/4" from opening width.	Deduct 3/4" from opening height.	Deduct 2" from opening width.	Deduct 1-3/8" from opening height.