



**1551 MT. ROSE AVENUE
YORK PA 17403-2909**

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INSTALLATION GUIDE

PRE-SET PANNING

WINDOW INSTALLATIONS

I. GENERAL GUIDELINES

The following practices are recommended for all window installations:

- A. All materials are to be installed plumb, true and level.
- B. All work should start from established bench marks and column center lines established by the architectural drawings and the general contractor.
- C. Become thoroughly familiar with and install windows in strict accordance with **APPROVED SHOP DRAWINGS, APPLICABLE STRUCTURAL CALCULATIONS, and INSTALLATION INSTRUCTIONS.**
- D. The sequence of installation should be coordinated with the job superintendent so delays are prevented.
- E. Make certain that all openings and the surrounding construction is in accordance with shop drawings. If any deviation is noticed in either dimension or construction (beyond acceptable construction tolerances) notify the general contractor **IN WRITING**, and resolve any differences **BEFORE** proceeding.
- F. All metal to metal, non-operating joints should be sealed by the installer with sealant as shown on the shop drawings.
- G. Insulate all aluminum to be placed directly in contact with the masonry or incompatible materials with a heavy coat of zinc chromate, bituminous paint or equal.

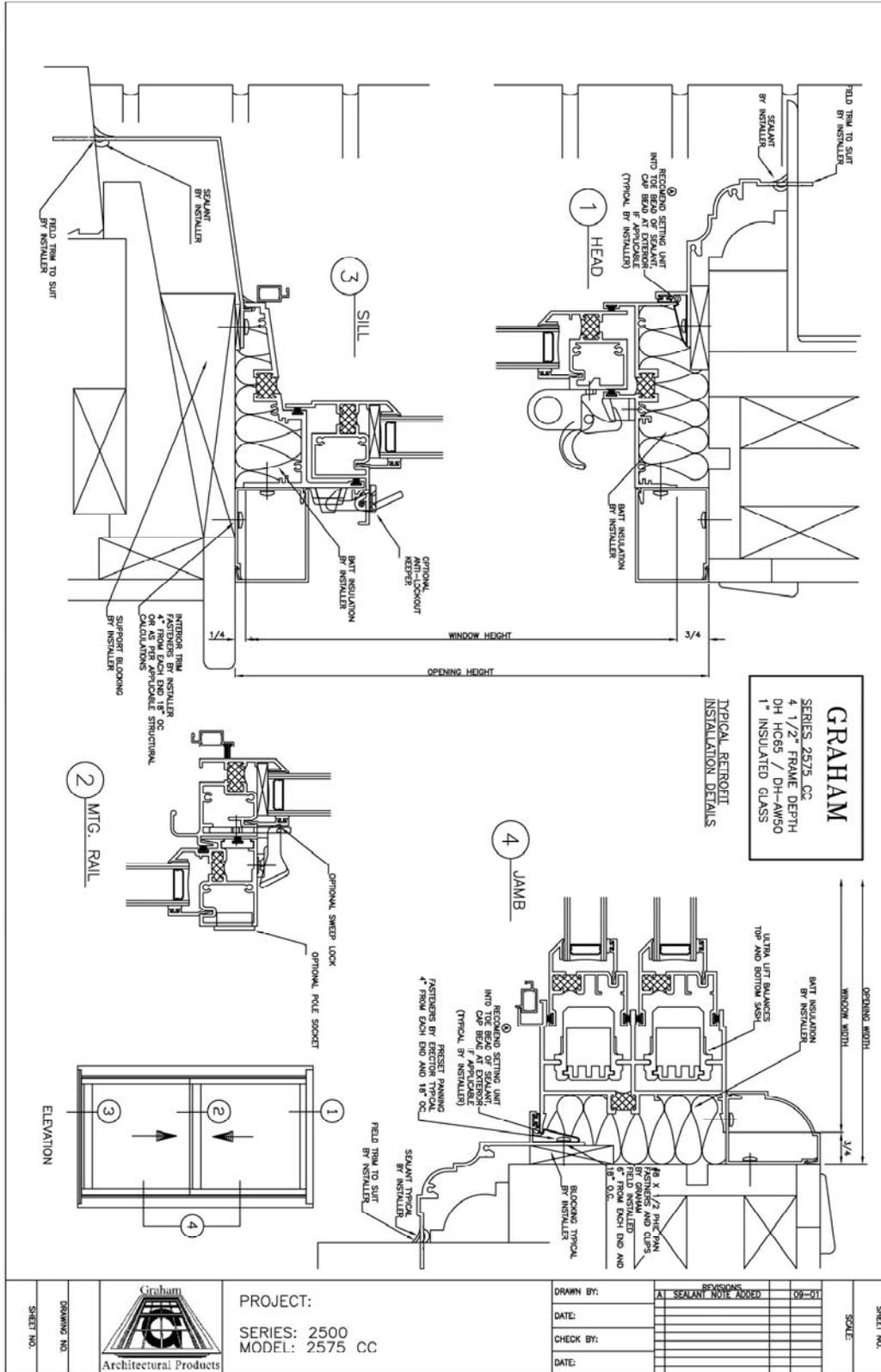
II. ASSEMBLING AND SEALING PRE-SET PANNING

- A. Locate the proper exterior kit or packages containing the panning head, sill, and jambs for the window mark you are working on. Open the packages and inspect the material to insure you have the correct panning with the proper machining.
- B. Place the material on a flat work surface, interior side down. Saw horses work well for this application.
- C. Fasten the corners of the panning using the #6 x .0750" *assembly* screws provided by Graham. Once all four corners are secured, you have created a panning frame.

- D. Attach the stainless steel panning clips 6” from each corner and 18” on center, as indicated in the attached sample installation detail.
- E. Backseal each bulb gasket butt joint. Use enough sealant so the sealant will contact both panning and window frame behind the gasket butt joint to insure a water tight corner.
- F. Backseal each panning butt joint thoroughly. If the panning is contoured, be particularly careful to ensure every crevice of the joinery is thoroughly sealed.
- G. Install the panning frame into the properly blocked opening. Panning must be installed squarely for the window to fit properly. Shim as require while installing fasteners.
- H. Face seal the exposed, exterior panning butt or coped joints using small joint sealant. This is most effective if performed after the frame is installed in the opening.
- I. The window frame may now be set into the pre-installed panning frame. The clips will hold frame temporarily until frame is permanently secured. Graham recommends fasteners be installed 4” from each corner and no more than 18” apart or as per applicable structural calculations.
- J. Install a cap bead of sealant around the entire perimeter of the window to panning joint.
- K. Clean any excess sealant off the exposed exterior of the panning. Be careful not to smear sealant while cleaning. Residual sealant can pick up dirt.

These directions are not all inclusive, project conditions may vary from information foreseen in the writing of this document.

The following page delineates a typical pre-set panning installation.



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|-------------|--------------------------------|-----------|-----------------------------|--------|
| DRAWING NO. | PROJECT: | DRAWN BY: | REVISIONS | |
| | | | DATE: | SCALE: |
| SHEET NO. | SERIES: 2500 MODEL: 2575 CC | CHECK BY: | A1 SEALANT NOTE ADDED 09-01 | |
| | | | DATE: | |

