

Installation Instructions for M6000 TH Double Hung

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1. Opening Preparation

Opening width and height should be $\frac{1}{2}$ " larger than the window actual size at least, and the opening should be square, level and plumb (refer to figure 1). Apply the flashing on the opening sill in one continuous piece, and upturn at both jambs of opening. Notice: make sure there're no wrinkles or voids in the flashing. **Importance: if the customers require the equal legs on the sill of window, the customers have to inform the sales to add the requirement of removing the pan leg when order the window (refer to figure 2). Otherwise, the customers need to remove the $\frac{1}{2}$ " pan leg with router by themselves if require during installation.**

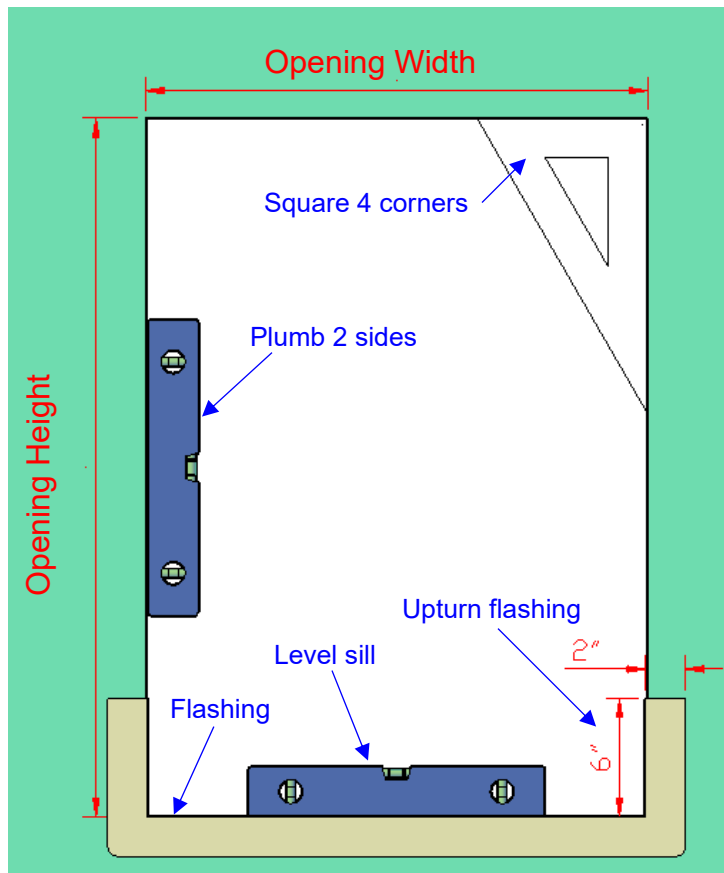


Figure 1: Front View of Opening

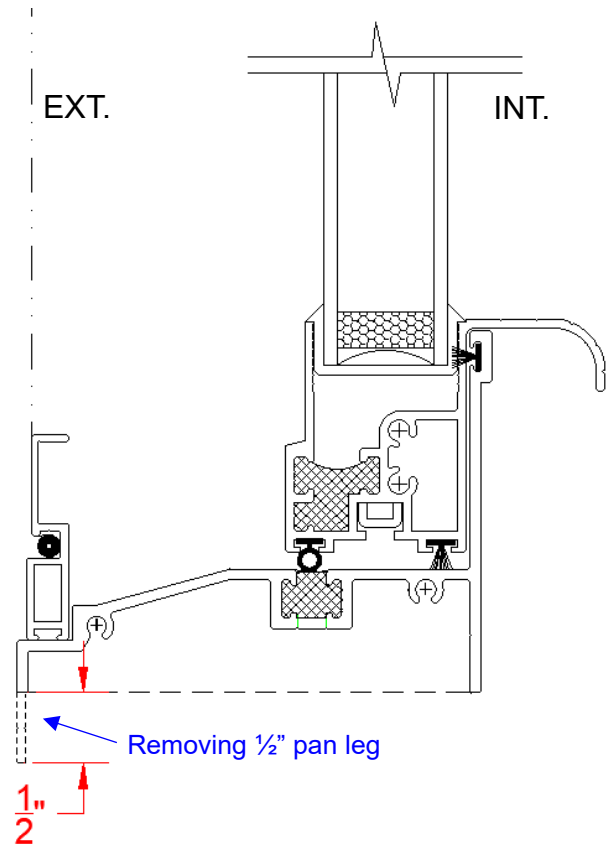


Figure 2: Side View of Window Sill

2. Install Window into Opening

Make sure that the window sashes are closed and locked to ensure the frame to be square.

2.1 Set $3 \frac{1}{4}$ " x $\frac{1}{2}$ " shim at the sill of opening to support the window (the length of shim is same as the opening width, refer to figure 3). Notice: if the opening height isn't enough, it can break off $\frac{1}{4}$ " peg on the sill of window, then set $3 \frac{1}{4}$ " x $\frac{1}{4}$ " shim at the sill of opening (refer to figures 4 – 7). If the legs of window's sill are equal (the $\frac{1}{2}$ " pan leg has been removed or remove with router, refer to figure 2), set $3 \frac{5}{16}$ " x $\frac{1}{4}$ " shim at the sill of opening to support the window (the length of shim is same as the opening width, refer to figure 8).

2.2 Set the window on the shim and adjust the window to make equal clearances on both sides. Insert 3 5/16" x 1/4" shim into the clearance between window frame and opening jamb on both sides, the length of shim is same as the opening height, the thickness of shim is depended on the clearance between window frame and opening jamb (1/4" thickness is typical, refer to figure 9). Notice: do not over insert the shims to distort the window frame.

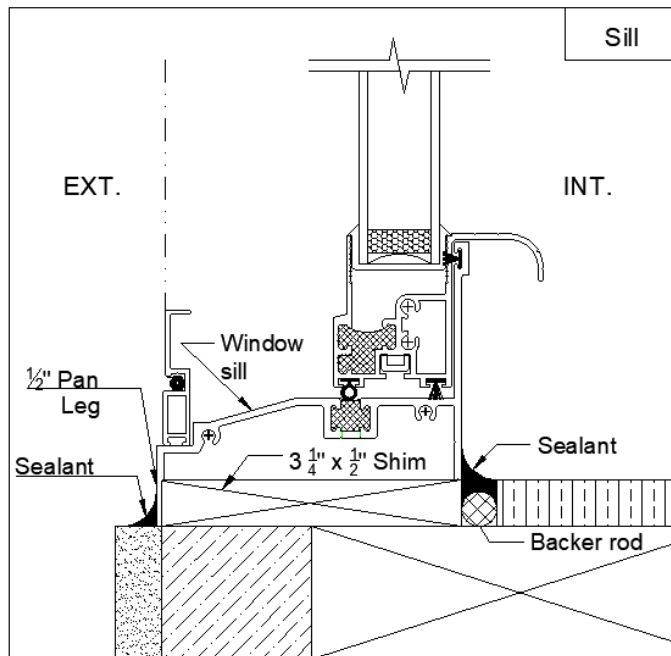


Figure 3: Side View of Sill

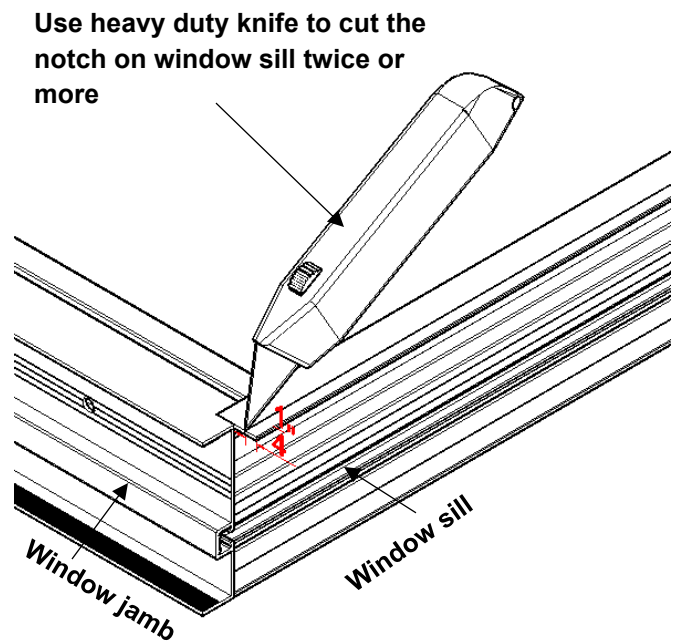


Figure 4: Deepening Notch

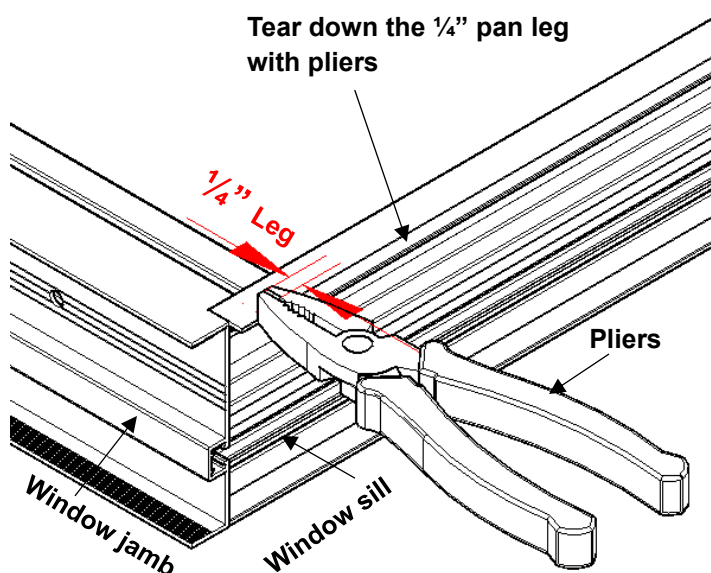


Figure 5: Tearing down Leg

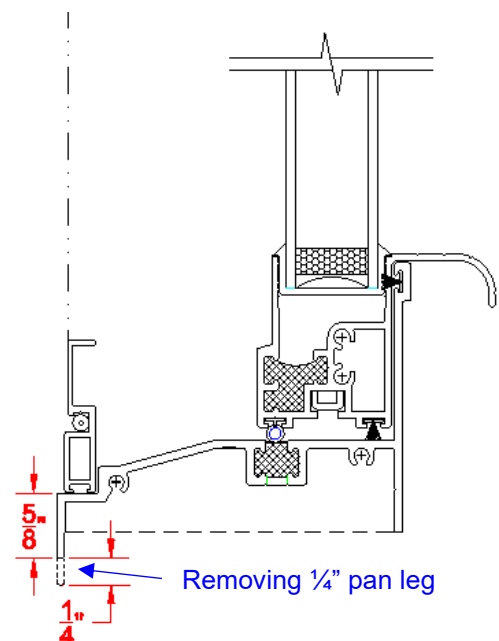


Figure 6: Removing 1/4" Pan Leg

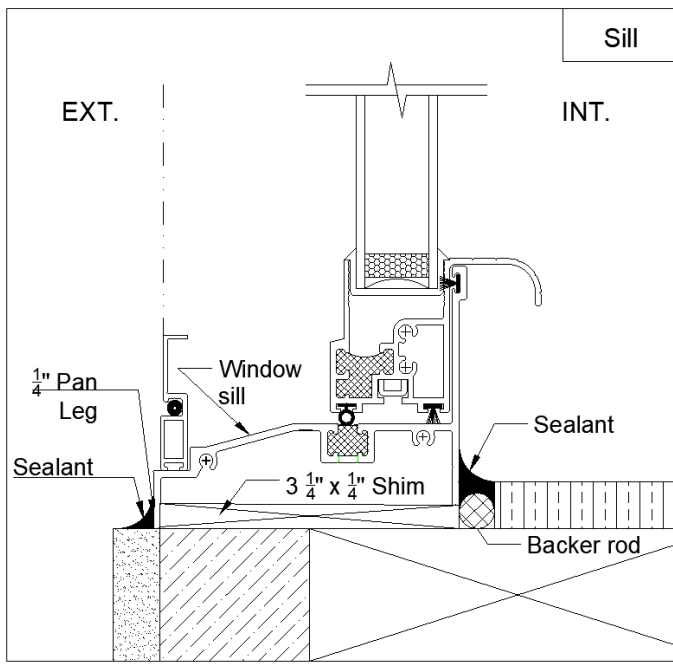


Figure 7: Side View of Sill

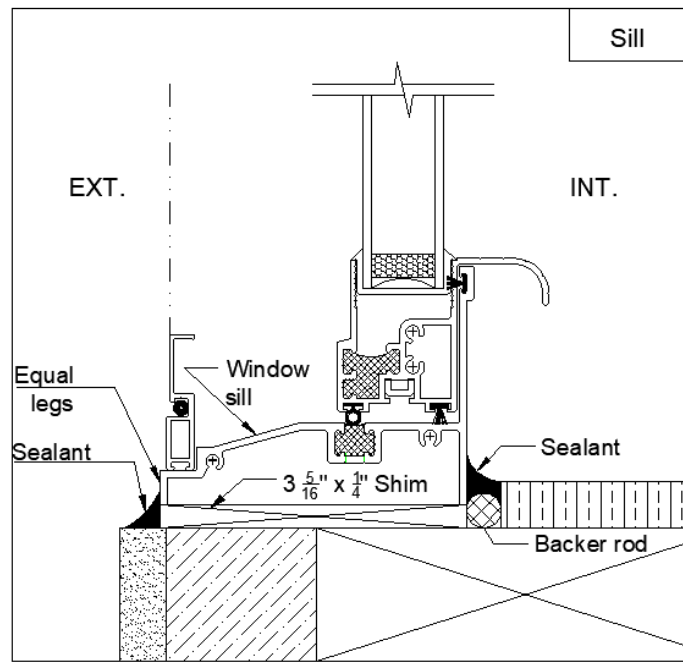


Figure 8: Side View of Sill

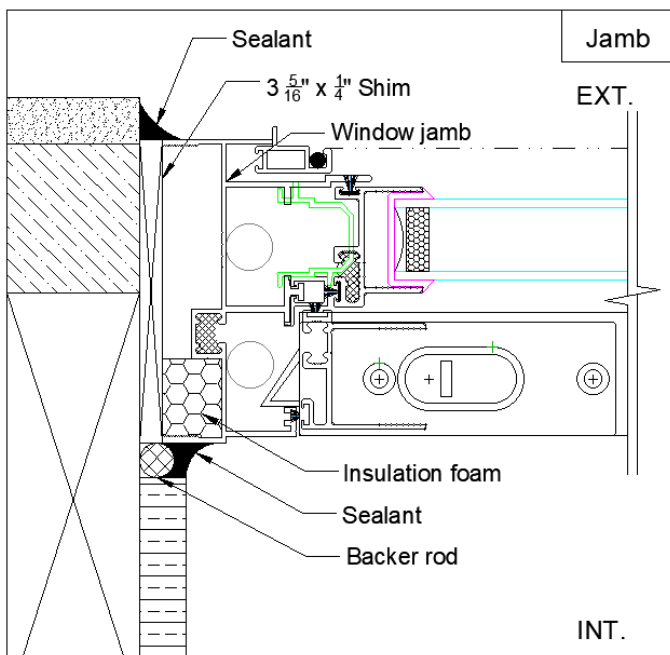


Figure 9: Top View of Jamb

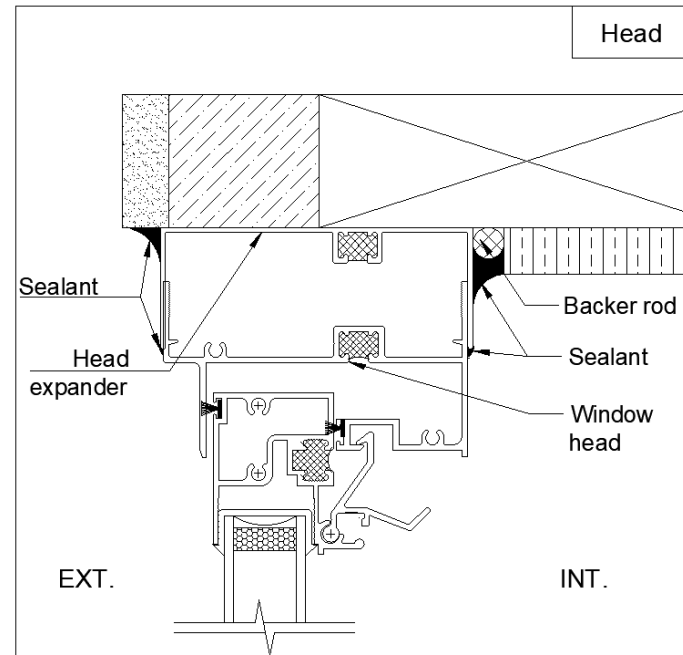


Figure 10: Side View of Head

2.3 Move up the head expander on the window head if necessary, make sure there's no gap between the window frame and opening (refer to figure 10). Check the sill is level, both jambs are plumb. Measure the diagonals of window frame to check the squareness, the difference of diagonals should be within 1/8".

2.4 Remove the stop on the top of window jamb, then fasten the jamb through the installation hole on both sides (refer to figure 11), and reinstall the stops. Notice: do not over tighten the fasteners to distort the frame, and do not drill on the window sill/head to avoid water infiltration.

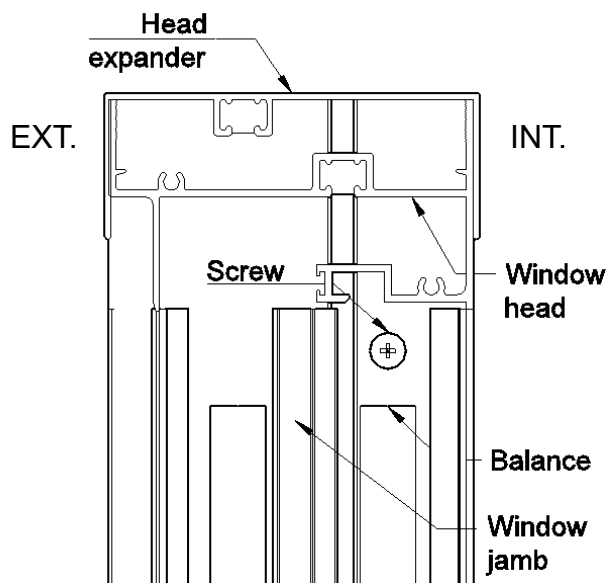


Figure 11: Side View of Jamb on Top

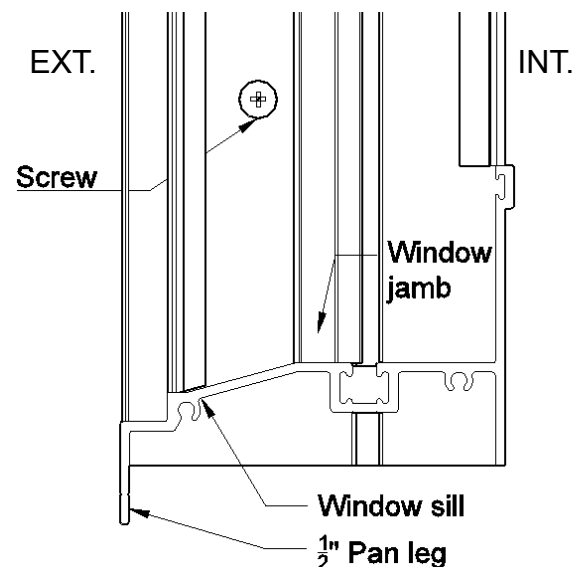


Figure 12: Side View of Jamb at Bottom

2.5 Remove the stop at the bottom of window jamb, then fasten the jamb through the installation hole on both sides (refer to figure 12), and reinstall the stops. Notice: do not over tighten the fasteners to distort the frame, and do not drill on the window sill/head to avoid water infiltration.

3. Seal Window

Remove loose debris and clean around the window, make sure the condition is clean and dry. Add proper backer rod before caulking if necessary, apply sealant continuously around exterior and interior window perimeter (refer to figures 3 – 10). Notice: make sure there's no void or gap in the sealant; do not use the expandable foam to seal the window, otherwise, it would bow the window's frame and affect the operation of window.

Disclaimer

As the manufacturer, NY Monda Window and Door Inc. is not responsible for the issue which is caused by the improper installation, please read and follow the installation instructions for the proper installation. For warranty coverage, please see the statement on the invoice. These installation instructions are general, the manufacturer have no representation that they will comply with local and state building codes. Please contact your local building code official for certified instructions.