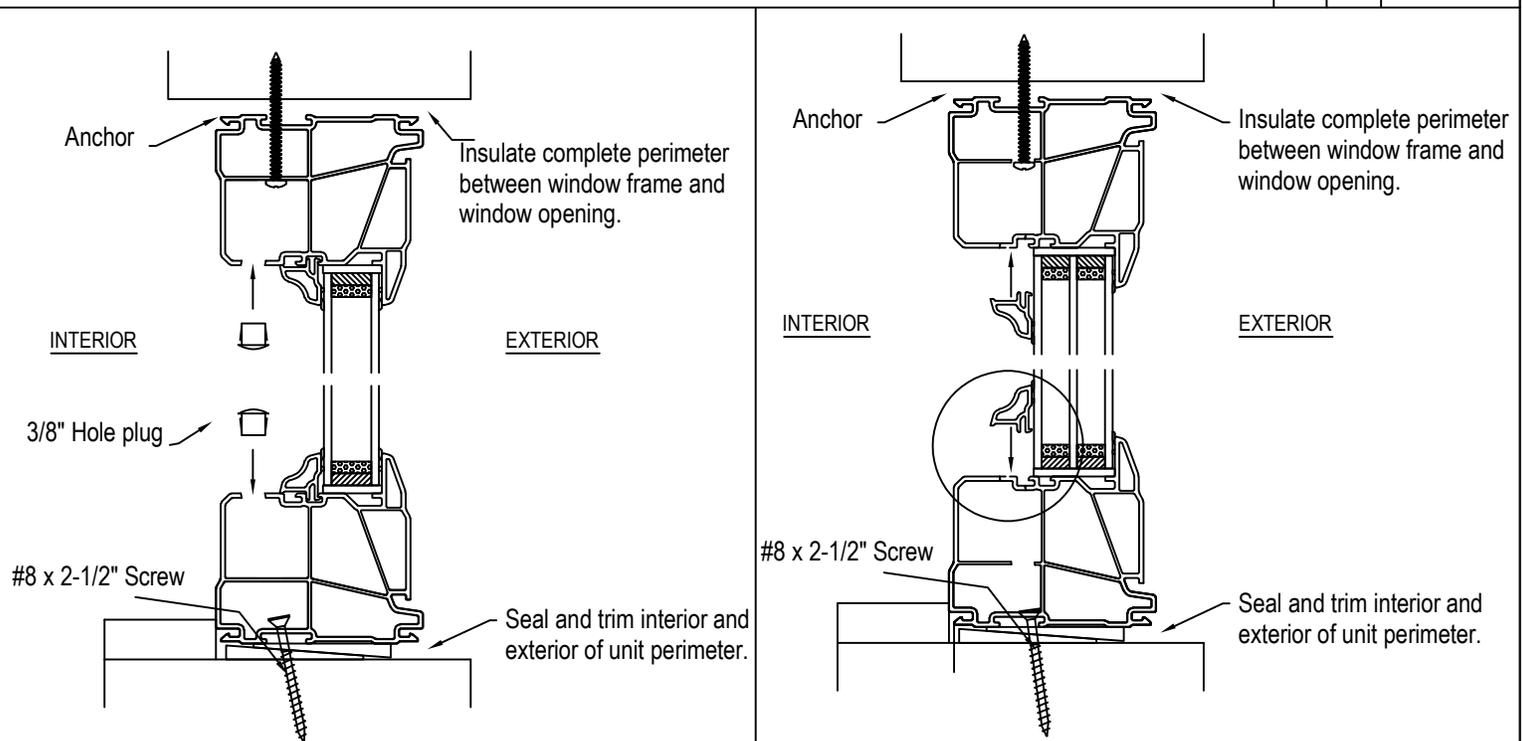
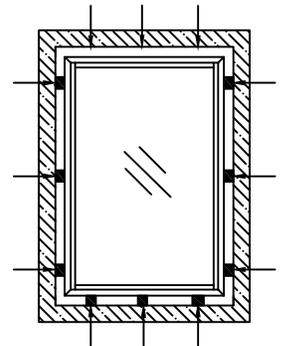


METHOD 1: SCREWING THROUGH THE FRAME: (DOUBLE GLAZED/ TRIPLE GLAZED)

- 1.) Check rough opening to ensure that the window unit will fit. The rough opening should be 1/4" to 1/2" larger than the window, both horizontally and vertically.
- 2.) Center frame in opening so there is equal space between the jambs of the frame and the jambs of the rough opening.
- 3.) Shim sill so it is level and 1/8" to 1/4" off the sill plate. Shim placement should be 5" in from each corner and then at approximately 16" intervals around the window. Do not install shims at the head. Recommendation: shims at the sill should be placed beneath insulating glass unit setting blocks (lift the glass stop at the sill to ensure correct shim placement).

Check: Shims should be firm but not tight enough to cause the jambs to bow.

Check: level, plumb and squareness of frame and adjust shims if necessary



Double Glazed

Triple glazed units

- 4.) At each shim location, drill a 3/8" diameter hole through first wall of the interior frame. Drill additional holes at the head parallel to the shims at the sill.
- 5.) Install using suggested #8 x 2-1/2" screws at each of these locations being careful not to bow frame. Screw length is dependent upon framing structure and must be of sufficient length to securely anchor unit in opening.
- 6.) Cap the 3/8" diameter holes with 3/8" plastic hole plugs.

- 4.) With triple glazed units, there is not enough room behind the glass stop to drill and use the plastic hole plugs. When installing triple glazed units, for safety reasons, remove one stop, (refer to separate instruction sheet for stop removal and insertion or visit the dealer section of the North Star web site at www.northstarwindows.com for details). Once stop has been removed, at each shim location drill a 3/8" diameter hole, through the first and second walls of the interior frame. Note: hole location to be hidden when glass stop is reapplied. **Drill additional holes at the head parallel to the shims at the sill.**
- 5.) Install using suggested #8 x 2-1/2" screws at each of these locations being careful not to bow frame. Screw length is dependent upon framing structure and must be of sufficient length to securely anchor unit in opening.
- 6.) After installing glass stop, repeat procedure for each of the remaining stops.

- 7.) Insulate between the window frame and the rough-opening, ensuring all voids are filled. Caution must be exercised not to over pack the insulation, causing unit frame to distort.
- 8.) Seal and trim window inside and out to suit application.

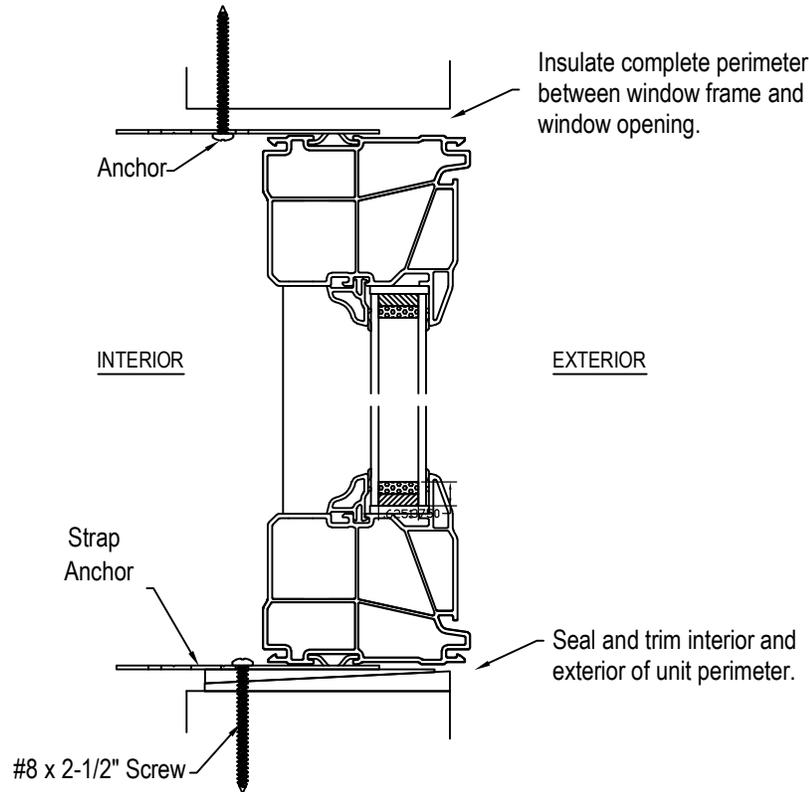
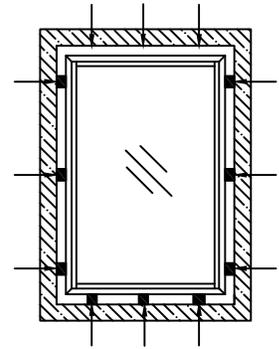
 	REVISION	BORDERS UPDATE	ND. 2	BY HA	DATE 11-21	DWG. NO. 1072-II0014-A		
	TITLE					DIMENSIONS ARE IN INCHES.	DRAWN HA	DATE 04-21
	PICTURE WINDOW (WITH SASH)					0.051-0.100: +/0.010	CHECKED	DATE 04-21
	SERIES #1072 - DOUBLE GLAZED UNIT ANCHORING LOCATION					0.101-0.125: +/0.015	APPROVED GS	DATE 04-21
<small>CONFIDENTIAL</small> The information contained in this document is strictly proprietary to North Star Windows and Doors may not be used in any way or for any purpose outside of the company without the express written consent.					0.126-0.25: +/0.018	SCALE	1:1 plot 1:3	
					0.251-0.500: +/0.020	SIZE	REF	
					0.501-1.000: +/0.025			
					DIM>1.000: +/0.030			

INSTALLATION INSTRUCTIONS

SERIES #1072 PICTURE WINDOW (WITH SASH)

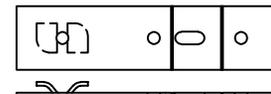
METHOD 2: USING A INSTALLATION CLIP/ ANCHOR

SHIMMING/ANCHOR LOCATIONS
DEPENDING ON UNIT SIZE



- 1.) Check rough opening to ensure that the window unit will fit. The rough opening should be 1/4" to 1/2" larger than the window, both horizontally and vertically.
- 2.) Place the galvanized steel strap anchor clips 2" in from each corner and then at approximately 16" intervals around the window.
- 3.) Center frame in opening so there is equal space between the jambs of the frame and the jambs of the rough opening.
- 4.) Shim sill so it is level and 1/8" to 1/4" off the sill plate. Shim behind each clip location so that the window is level, plumb and square. **Do not install shims at the head.** Recommendation: shims/clips at the sill should be placed beneath insulating glass unit setting blocks (lift the glass stop at the sill to ensure proper shim placement).
Check: Shims should be firm but not tight enough to cause the jambs to bow.
Check: level, plumb and squareness of frame and adjust shims if necessary
- 5.) Install using suggested #8 x 2-1/2" screws at each of these locations
- 7.) Insulate between the window frame and the rough-opening, ensuring all voids are filled. Caution must be exercised not to over pack the insulation, causing unit frame to distort.
- 8.) Seal and trim window inside and out to suit application.

Strap
Anchor



North star Windows and Doors warranty is only valid, if one of these two methods are followed.



REVISION	BORDERS UPDATE	ND. 2	BY HA	DATE 11-21	DWG. NO.	I10014-C
TITLE				DRAWN		DATE
PICTURE WINDOW (WITH SASH)				HA		04-21 plot 1:3
SERIES #1072 - INSTALLATION CLIP				CHECKED		DATE 04-21
UNIT ANCHORING LOCATION				APPROVED		DATE 04-21
<small>CONFIDENTIAL</small> The information contained in this document is strictly proprietary to North Star Windows and Doors <small>may not be used in any way or for any purpose outside of the company without the express written consent.</small>				SCALE		SIZE
				1:1		
				plot 1:3		

DIMENSIONS ARE IN INCHES.
SPECIFIED TOLERANCES:
DIM+0.050;+/-0.008
0.051-0.100;+/-0.010
0.101-0.125;+/-0.015
0.126-0.25;+/-0.018
0.251-0.500;+/-0.020
0.501-1.000;+/-0.025
DIM>1.000;+/-0.030