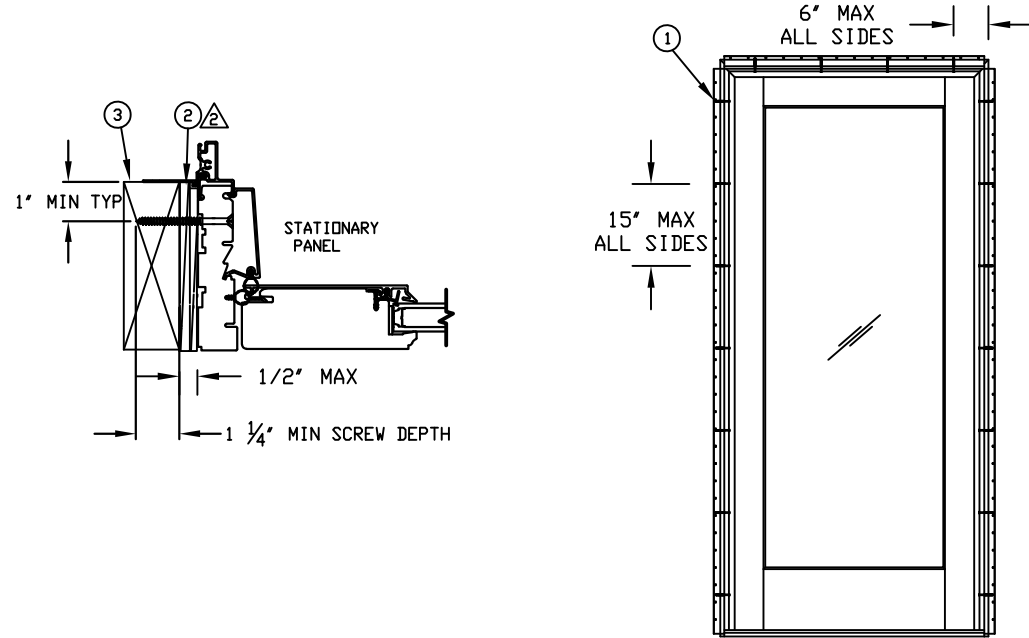




- UNIT MUST NOT BE IN DIRECT CONTACT WITH EITHER CONCRETE OR TREATED BUCK MATERIAL. IF SHIM SPACE IS LESS THAN 1/8" WRAPPING THE JAMBS AND HEAD JAMBS WITH WINDOW FLASHING TAPE IS REQUIRED AS A BARRIER BETWEEN THE UNIT AND CONCRETE OR TREATED LUMBER.
- SECURE THE JAMBS AND HEAD JAMB WITH #8 X 3" SCREWS SPACING 6" FROM CORNER AND 15" OC
- MINIMUM OF 2 PER SIDE.
- SHIM AT EACH SCREW LOCATION
- APPLY #8 X 1 1/2" SCREWS THROUGH SILL SPACED 4" FROM BOTH ENDS AND 15" OC
- NAILING FIN SHOWN BUT IS OPTIONAL

1. THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY. FOR FLASHING & SEALING REQUIREMENTS, REFER TO THE INSTALLATION INSTRUCTIONS.
-  SHIMS:
 - A SHIM MUST BE PLACED 4-6" FROM EACH CORNER.
 - ALL OTHERS MUST BE PLACED A MAX OF 15 INCHES APART.
3. IF CHEMICALLY TREATED LUMBER IS USED FOR BUCK MATERIAL, FASTENERS INTO THE BUCK MUST BE A MINIMUM OF 0.90 OZ/FT² ZINC HOT DIPPED GALVANIZED OR STAINLESS STEEL TYPE 304 OR 316.

TYPE	LAMINATED GLASS MAKE UP	EXT LITE
A	3.0mm(.122") ANN + .090 PVB interlayer + 3.0mm(.122") ANN	3.9mm T

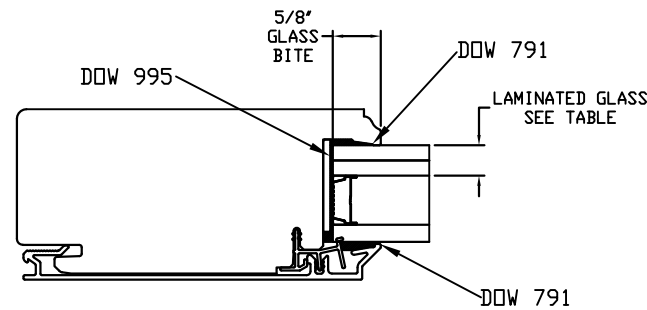
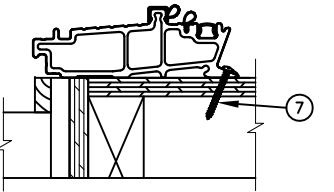
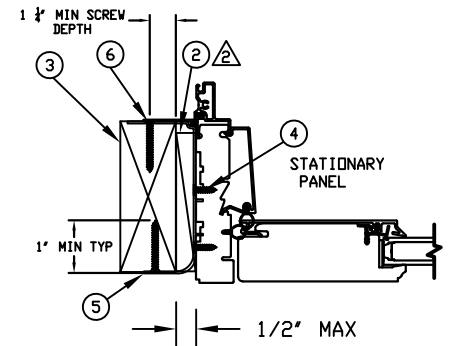


Diagram illustrating the vertical window frame assembly. The frame is shown with a central opening. The top edge of the frame is labeled "6" MAX ALL SIDES". The side edge of the frame is labeled "15' MAX OC". The frame is supported by a base. The diagram shows the frame assembly with various components and dimensions.

Diagram illustrating the structural bracket installation. The diagram shows a cross-section of a window or door assembly. Key components labeled include:

- HEAD JAMB
- STATIONARY PANEL
- Numbered callouts: 1, 2, 3, 4, 5, 6
- Dimension: 1/2" MAX

The diagram shows a cross-section of a window or door assembly. A head jamb is at the top, and a stationary panel is below it. A structural bracket is shown with numbered callouts 1 through 6. Callout 1 points to a screw in the head jamb. Callout 2 points to a screw in the stationary panel. Callout 3 points to the head jamb. Callout 4 points to the stationary panel. Callout 5 points to the structural bracket. Callout 6 points to a screw in the structural bracket. A dimension line indicates a maximum gap of 1/2" between the head jamb and the stationary panel.



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- SECURE JAMBS AND HEAD JAMB WITH BRACKETS SPACED 6" FROM CORNER AND 15" OC.
- MINIMUM OF 2 BRACKETS PER SIDE.
- SCREWS LISTED BELOW MUST BE FULLY EMBEDDED.
- ATTACH TO THE UNIT WITH TWO #8 X 5/8" SCREWS.
- ATTACH TO THE BUCK WITH TWO #8 X 1 1/2" SCREWS ON EACH SIDE OF THE BUCK.
- APPLY #8 X 1 1/2" SCREWS THROUGH SILL SPACED 4" FROM BOTH ENDS AND 15" OC
- NAILING FIN SHOWN BUT IS OPTIONAL

			UNSPECIFIED TOLERANCES		MARVIN  RESEARCH & DEVELOPMENT			
			DECIMALS: XX ± .03	ANGLE DEG: ± .5	COLLECTION: ULTIMATE			
7	-----	#8 X 1 1/2" PAN HEAD	XXX± .012	± .5	DWG TYPE: INSTALLATION DESCRIPTION: UID 2.25 IZ3 STAT, UIFD 2.25 G2 IZ3 STAT, UIFD 2.25 SL G2 IZ3			
6	-----	#8 X 1 1/2" SCREW						
5	-----	STRUCTURAL BRACKET	LINEAL: + .125	FAB LINEAL: ± NA	CHK: SIZE: B CLASS: MISC DWG NO: 00139990 APP: SCALE: NA DATE: 10/3/2023 DWG BY: MARVIN/r ryang SHEET: 1 OF 1			
4	-----	#8 X 5/8" SCREW	- .000					
3	-----	2X WOOD BUCK BY OTHERS						
2	-----	SHIM	MATERIAL:					
1	-----	#8 X 3" WOOD SCREW	NA					
ITEM NO	REF NO	DESCRIPTION						

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