



Clad FeelSafe Outswing Arched Door 2-Panel Operating

Overall Frame Size: 75 1/2" X 98 1/2"
Structural Nail Fin Installation

TEST REPORT SUMMARY:

- MAXIMUM BASIC UNIT OVERALL FRAME SIZE:
75 1/2"(1918mm) x 98 1/2"(2502mm)
- OVERALL DESIGN PRESSURE: +65.16/-70.18 psf
- STRUCTURAL TEST PRESSURE: +97.74/-105.26 psf
- RATING: LC-PG65

CCL Listing# 436-H-611.80

Element Test Report Number: **ESP025782P-2183 Unit 4**

Clad FeelSafe Outswing 2 Panel Arched Door
Nail Fin Installation / WDMA Instructions / Impact

SHEET: 1 OF 2

UPDATED: 5/22/2018

DRAWN BY: B.K.

INSTALLATION NOTES:

1. USE 2" x PINE FOR WOOD BUCK
2. 1/4" MAXIMUM SHIM SPACE AT JAMBS
 - 1/2" MAX. SHIM SPACE AT HEAD
 - PLACE WOOD SHIM EVERY 6-10" AT HEAD & SIDES
3. APPLY A CONTINUOUS BEAD OF SEALANT BETWEEN THE NAIL FIN AND THE BUCK, AT HEAD, SILL AND SIDE JAMBS
4. APPLY (3) CONTINUOUS BEADS OF 1/4" SILICONE SEALANT AT THE SILL PRIOR TO INSTALLING DOOR. APPLY AT INSIDE EDGE, MIDDLE AND OUTSIDE EDGE OF SILL, WHERE THE DOOR SILL WILL COME IN CONTACT WITH SEALANT.
5. INSTALL #8 X 1-1/4" PPH SCREWS SPACED APPROXIMATELY 2" FROM EACH CORNER AND 8" ON CENTER THEREAFTER THROUGH THE STRUCTURAL NAIL FIN AT HEAD & JAMBS AND SILL, INTO THE FRAMING MATERIAL A MINIMUM OF 1" EMBEDMENT, 1/4" MINIMUM EDGE DISTANCE.
 - SILICONE SEAL OVER SCREW HEADS
 - FULLY SEAL ALL GAPS AT EACH CORNER OF THE UNIT AND THE ROUGH OPENING
 - PUT A CONTINUOUS CAP BEAD OF SILICONE ACROSS ENTIRE LENGTH OF THE HEAD, SILL & JAMBS NAIL FIN
6. THE SILL STRIKE PLATE COVER WAS SECURED WITH THREE #10 X 64MM (2-1/2") PFH SCREWS INTO THE BUCK. #10 X 76MM (3") PFH SCREWS SPACED APPROXIMATELY 51MM-76MM (2"-3") FROM THE CORNERS AND 394MM (15-1/2") ON CENTER, WITH FOUR TOTAL. ONE #12 X 64MM (2-1/2") PFH SCREW WAS PLACED THROUGH EACH HINGE INTO THE BUCK.

MAXIMUM OVERALL SIZE: B.U.S. (Basic Unit Size):

75 1/2"(1918mm) x 98 1/2"(2502mm)

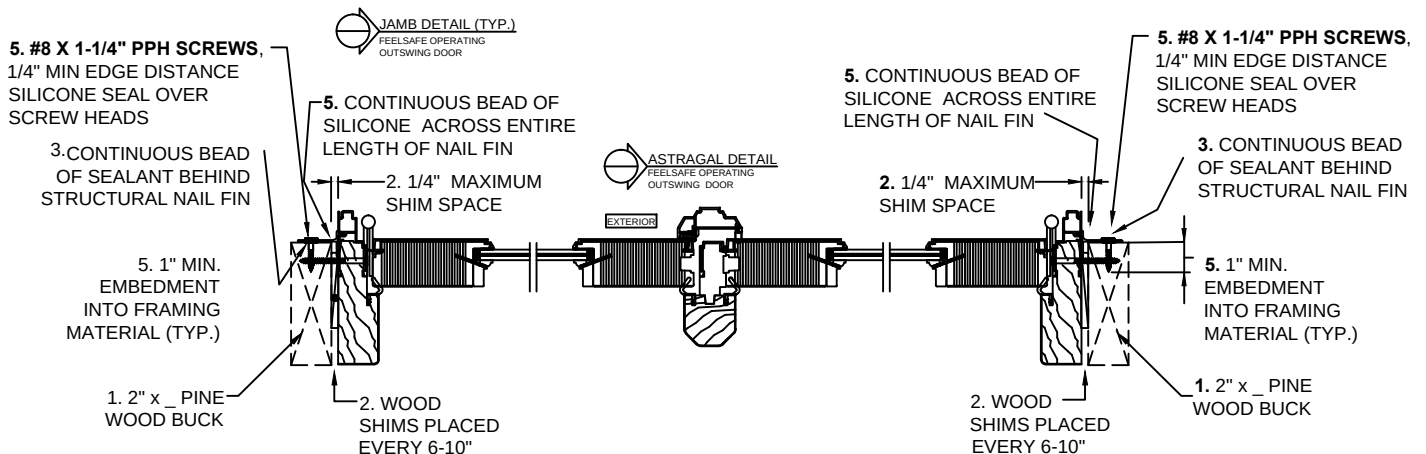
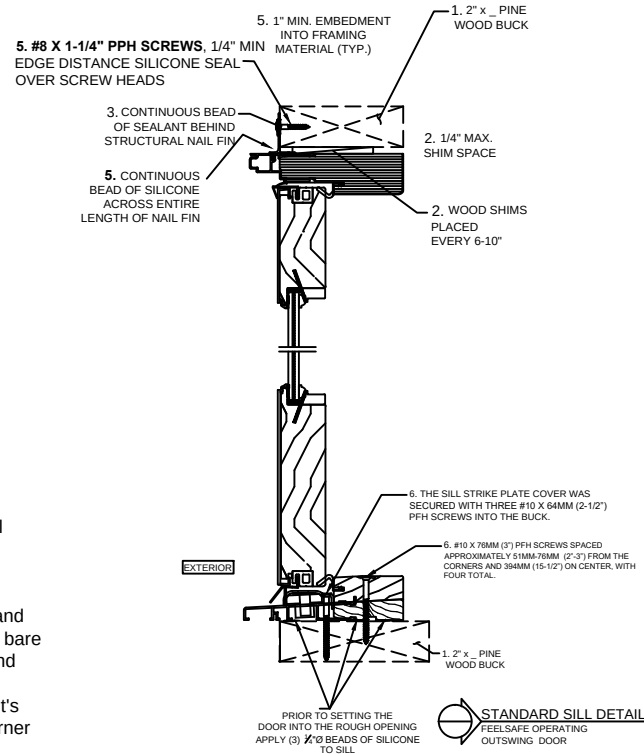
GENERAL INSTALLATION NOTES:

- Check rough opening for proper size, plumb, level and square.
- Make all necessary adjustments to ensure rough opening is plumb, level & square.
- Sill must be flat, level and capable of supporting the weight of the unit.
- Opening must allow a maximum of 1/4" shim space at head, sill and jambs.
- Consult full installation instructions found on the Sierra Pacific web site, www.sierrapacificwindows.com, for all recommended installation procedures.
- Wood buck, framing, fasteners, sealant and all wall system materials are provided by others

FLASHING

- For units that have to meet a specific DP (Design Pressure) rating, any kind of building wrap must be folded and taped away from each rough opening before the unit is installed. Unit must come in contact with the building's bare sheathing. A bead of silicone must be applied to the backside of the nail fin where it meets the unit, at head and jambs.
- Once unit is installed and flashed properly, the building wrap must be reapplied and trimmed flush with the unit's exterior. A bead of sealant must be placed along the seam joint of the building wrap and the unit. Tape the corner cuts in the building wrap. See full sliding patio door installation brochure for complete flashing details.

GLAZING SPECIFICATION	
MONOLITHIC LAMINATED GLASS - QHSH	
13/32" O.A. THICKNESS SINGLE LAMINATED CARDINAL: CONSISTING OF 3/16" ANNEALED GLASS X .090" SAFLEX PVB INTERLAYER X 3/16" ANNEALED GLASS.	
SAFLEX PVB INTERLAYER: NOA No. 18-0301.05	
NOTES:	
1. NEOPRENE SETTING BLOCKS WITH 70 TO 90 SHORE A DUROMETER HARDNESS ARE REQUIRED.	
2. AS-TESTED SINGLE-PLY LAMINATED SHOWN.	
INTERIOR GLAZED UTILIZING A SINGLE LAMINATED GLASS UNIT. A CONTINUOUS BEAD OF SILICONE GLAZING COMPOUND (1/8" X 1/4") IS APPLIED TO THE LVL WOOD INSERT AND GLASS/EXPOSED SASH GLAZING WITH A (5/8") GLASS BITE AND THEN BACKFILLED. THE INTERIOR GLAZING BEADS WERE SECURED WITH 18 GAUGE X (1") LONG T-NAILS SPACED (2") FROM EACH CORNER AND (10" - 12") ON CENTER. GLASS SETTING BLOCKS WERE USED AROUND THE GLASS TO SASH.	



Installation requirements may vary in particular locations and in other types of construction. Proper installation is essential, and Sierra Pacific Windows, recommends consultation with an AAMA Certified Installer, or other qualified, registered building professional before installation of any Sierra Pacific product. Proper installation of Sierra Pacific products is the responsibility of the installer. Sierra Pacific is not responsible for proper installation. Sierra Pacific is not responsible for the design of, conditions in, or performance of building construction beyond the perimeters of the Sierra Pacific units. Sierra Pacific is not responsible for proper integration of the Sierra Pacific units with the weather-repellent systems of the building.



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SHEET: 2 OF 2

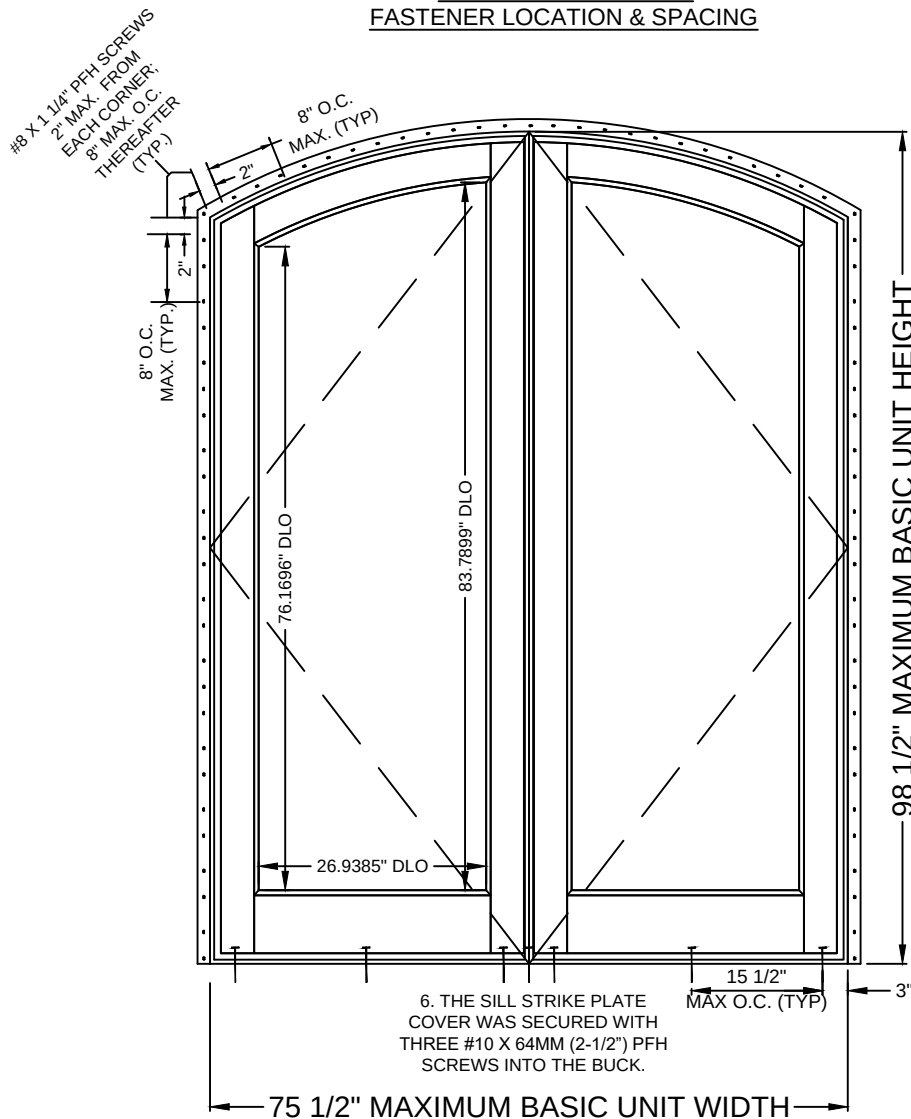
UPDATED: 5/22/2018

DRAWN BY: B.K.

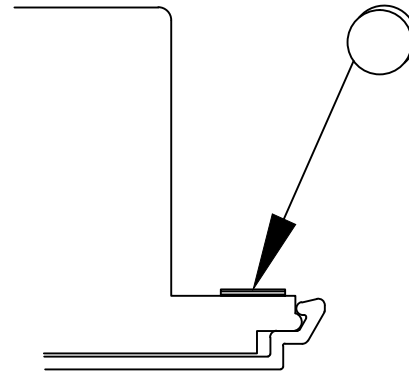
NAIL FIN ANCHOR REQUIREMENTS TABLE

THRU NAIL FIN with SCREWS				FASTENER PLACEMENT / SPACING
OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE, FASTENER SPACING	MINIMUM EMBED	MINIMUM EDGE DIST	
DOOR INSTALLED INTO 2" x _ WOOD FRAME OR BUCK	#8 X 1-1/4" PFH SCREWS SPACED 2" FROM EACH CORNER & 8" ON CENTER THEREAFTER.	1"	1/4"	2" FROM EACH CORNER 8" ON CENTER THEREAFTER
IF SPACE BETWEEN WALL FRAME & DOOR FRAME IS GREATER THAN THAT REQUIRED FOR A 2X_ WOOD MEMBER AND A SPACE EXISTS, THE SPACE MUST BE FILLED WITH A WOOD MEMBER OF EQUAL DEPTH TO THE WINDOW FRAME MEMBER OR BUCK AND OF LENGTH = MIN. 20". THE FRAME ANCHOR MUST THEN BE RUN THROUGH THE FRAME & WOOD SHIM AND INTO THE OPENING.				

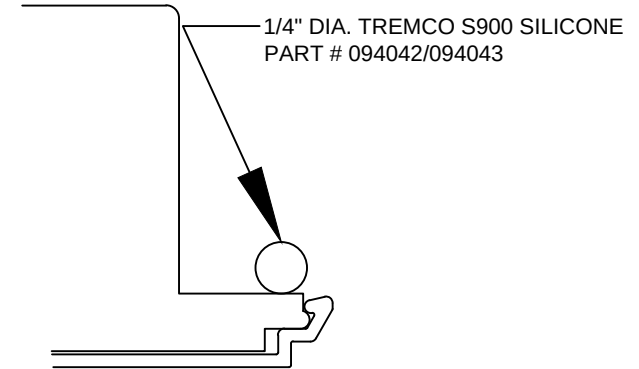
ELEVATION SHOWING FASTENER LOCATION & SPACING



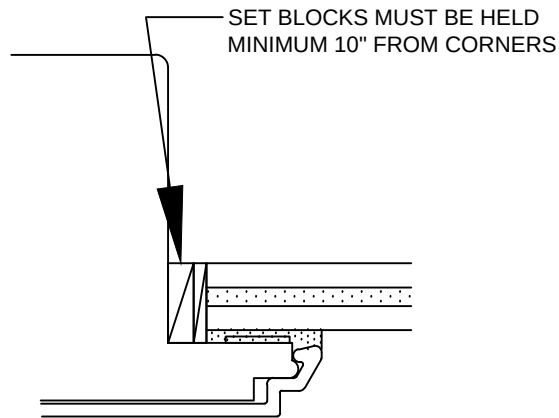
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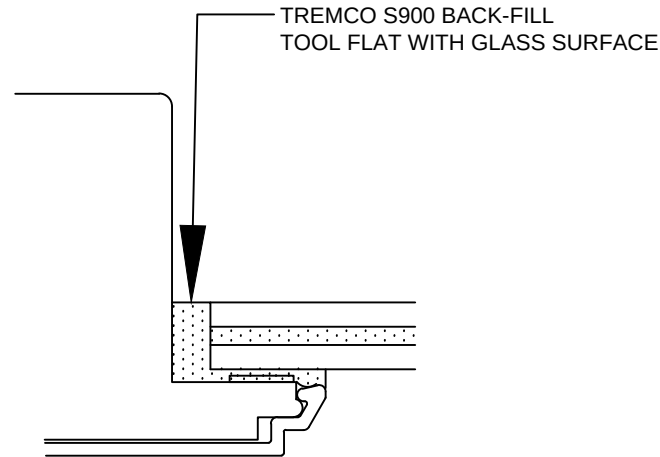
PART # 094039
 .031" X 5/16" DIA. CLEAR GLAZING BUMP-ON
 PLACE 3" FROM DLO AND 16" ~ 18" O.C.



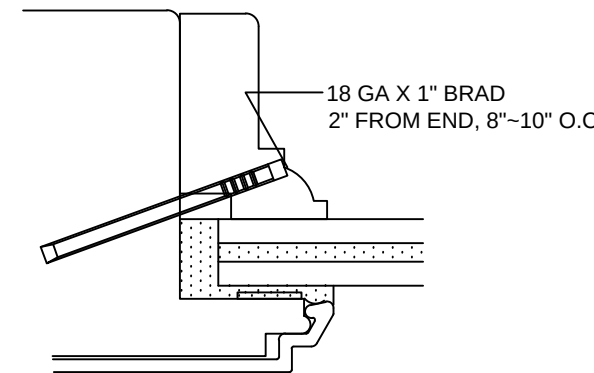
1/4" DIA. TREMCO S900 SILICONE
 PART # 094042/094043



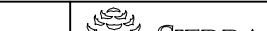
SET BLOCKS MUST BE HELD
 MINIMUM 10" FROM CORNERS



TREMCO S900 BACK-FILL
 TOOL FLAT WITH GLASS SURFACE



18 GA X 1" BRAD
 2" FROM END, 8"~10" O.C.

NO.	DESCRIPTION	ECN #	DATE	BY			FeelSafe Patio Door		 Medford & Merrill, WI Red Bluff, CA
							Outswing		
							Laminated Glass Glazing Detail		
					TOLERANCES UNLESS SPECIFIED, ALL WOOD DIMENSIONS: XX.XXX±0.005 LENGTH DIMS±0.015 ANGLES±0.5°		DRAWN: PAS 5/12/09	SCALE 1 : 2	
					THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION. DO NOT COPY OR DISCLOSE WITHOUT CONSENT OF SIERRA PACIFIC WINDOWS		CHKD:		PAGE 1 OF 1
							DRW NO.	FSESPD 250 015	A DIVISION OF 