



Clad FeelSafe Outswing Door
Fixed/Fixed 76 x 99
Frame Size: 75 1/2" X 98 1/2"
Structural Nail Fin Installation

CCL Listing# 436-H-681.07

Element Test Report Number: **ESP025782P-2183.1**

Clad FeelSafe Outswing Door Fixed/Fixed
Nail Fin Installation / WDMA Instructions / Impact

SHEET: 1 OF 2

UPDATED: 3/16/2018

DRAWN BY: B.K.

TEST REPORT SUMMARY:

- MAXIMUM BASIC UNIT 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

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 5" 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 WAS SECURED WITH #10 X 76MM (3") PFH SCREWS SPACED APPROXIMATELY 76MM (3") FROM THE CORNERS AND 381MM (15-1/2") O.C. THEREAFTER. SEALED WITH SILICONE SEALANT

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

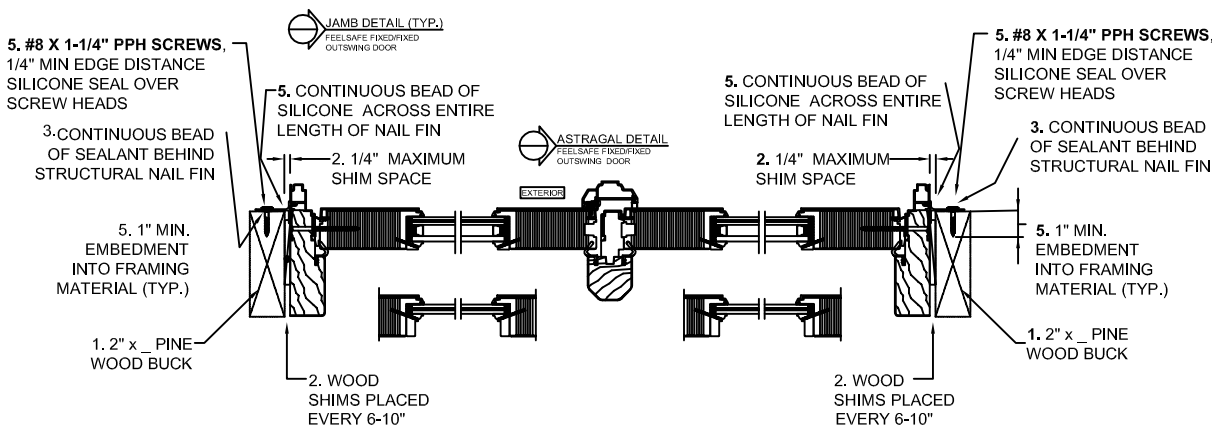
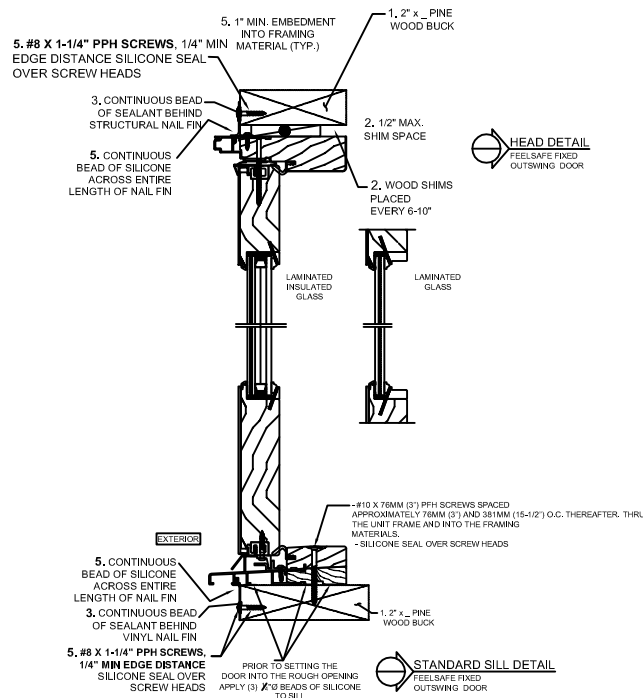
75 1/2"(1918mm) x 98 1/2"(2502mm)

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.



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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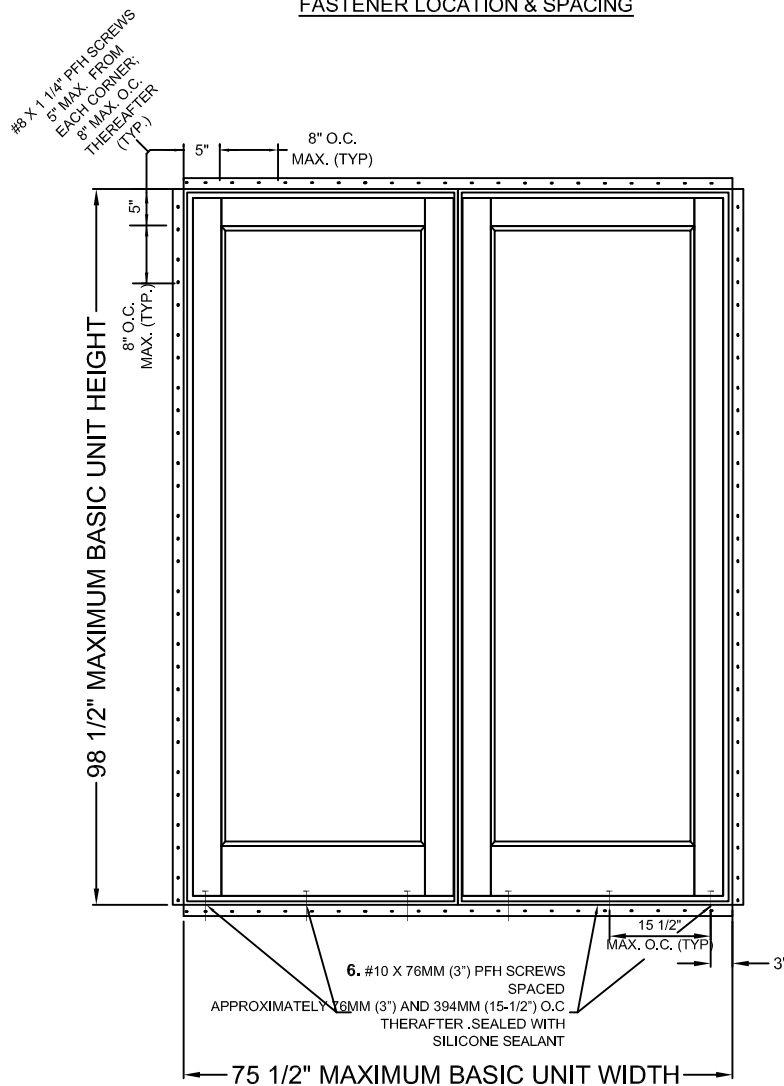
UPDATED: 3/26/2018

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" PPH SCREWS SPACED 5" FROM EACH CORNER & 8" ON CENTER THEREAFTER.	1"	1/4"	5" 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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4. INSTALL METAL INSTALLATION CLIPS SPACED APPROXIMATELY 152MM (6") FROM THE CORNERS AND 305MM-381MM (12"-15") ON CENTER. SECURE CLIPS TO THE BUCK WITH TWO #8 X 32MM (1-1/4") SCREWS PER CLIP. THE PERIMETER GAP BETWEEN THE FRAME AND BUCK WAS CLOSED OFF WITH A CONTINUOUS BEAD OF SILICONE SEALANT. A MINIMUM OF 1" EMBEDMENT,
 - FULLY SEAL ALL GAPS AT EACH CORNER OF THE UNIT AND THE ROUGH OPENING

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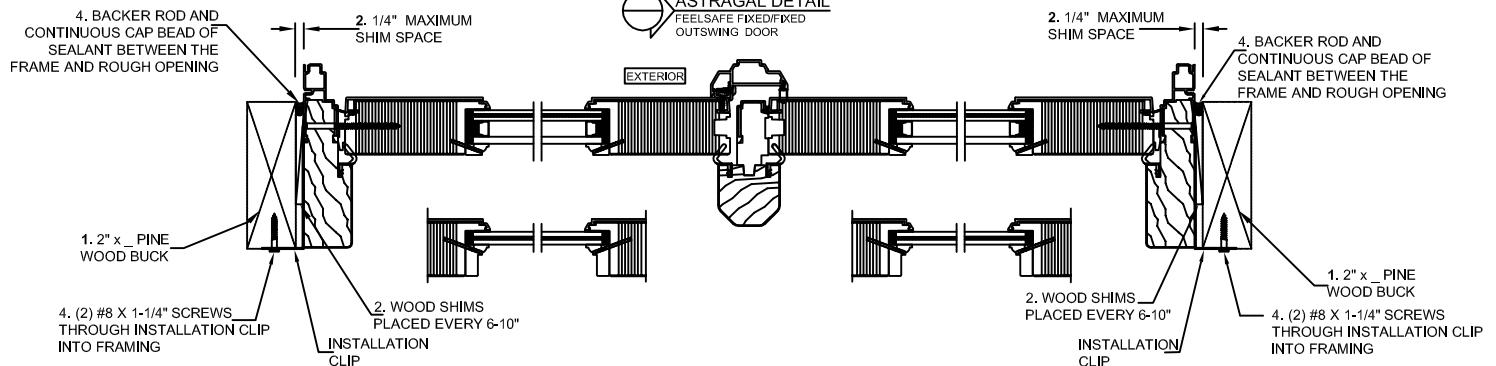
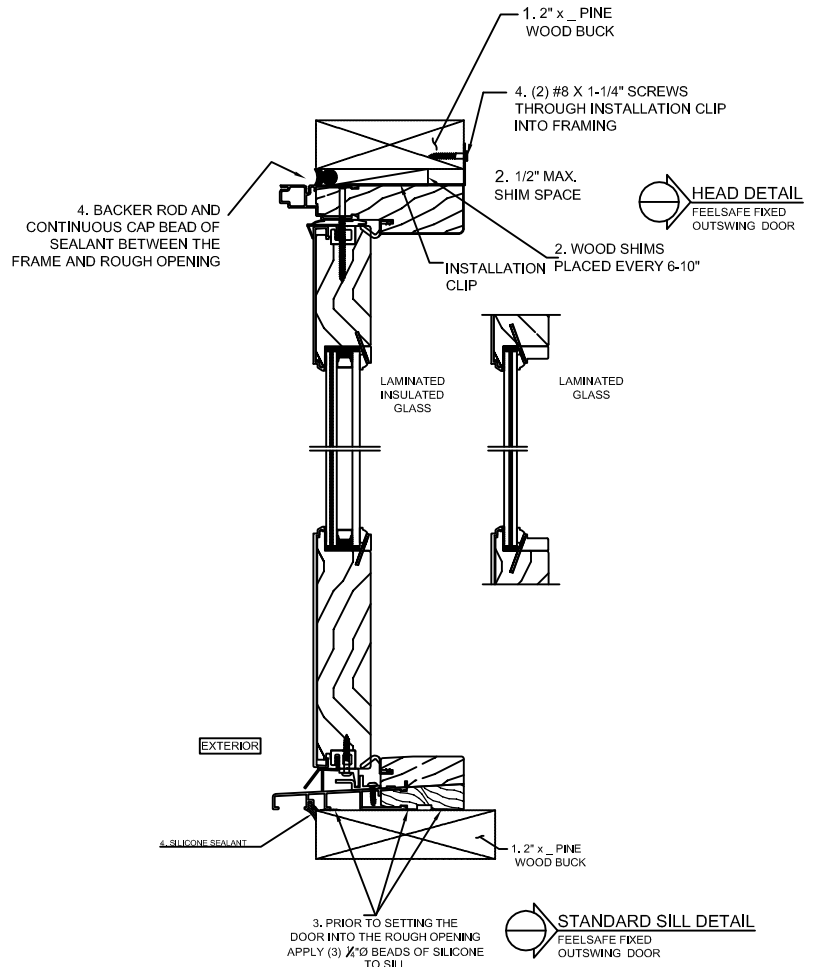
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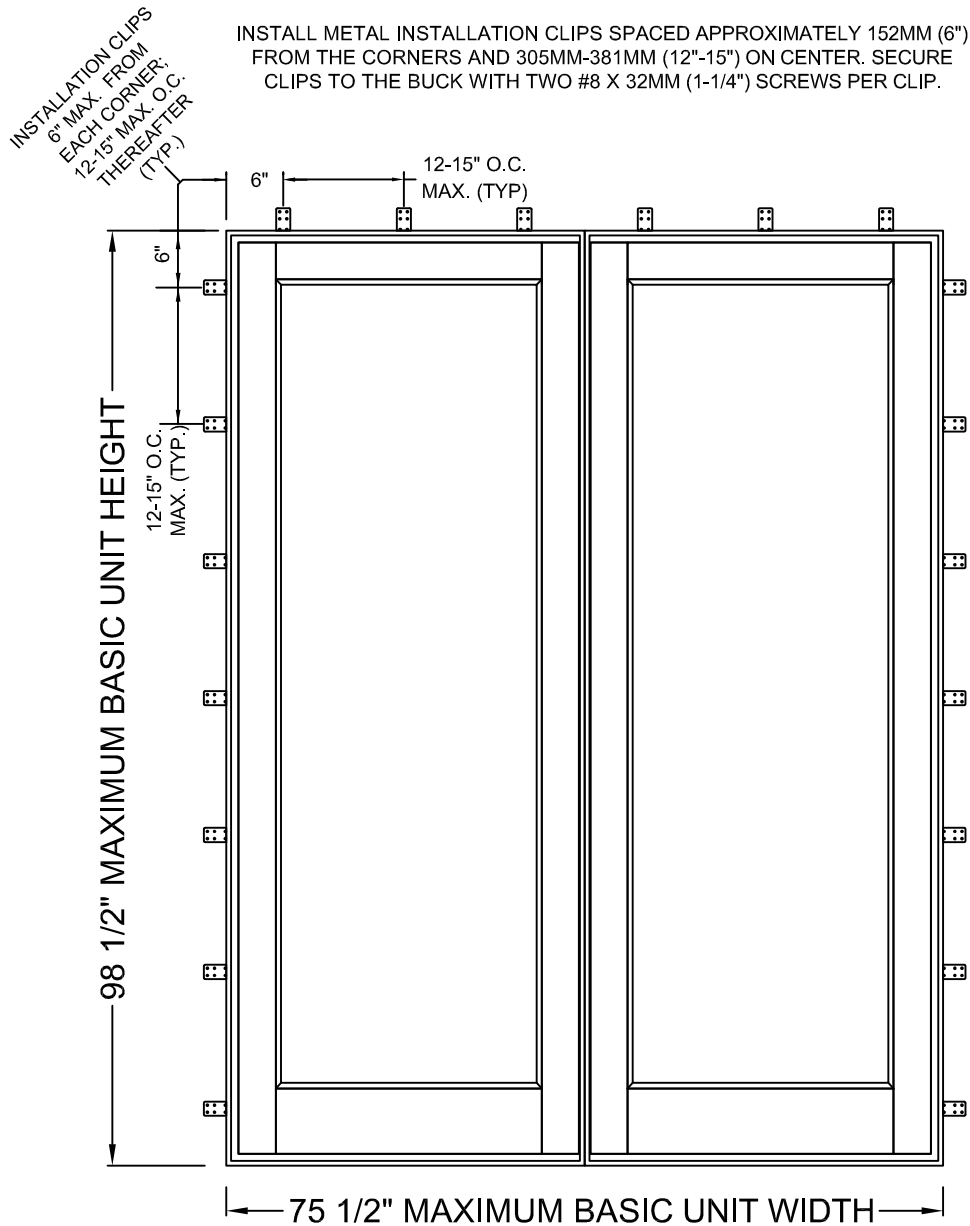
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