



Aluminum Clad/Wood Patio Door
Call-Out Size: 12-0x8-0 (3 Wide)
Non-Impact / Vinyl Nail Fin Installation

CCL Listing# 436-H-649.38

Element Test Report Number: ESP026444P-2210

Aluminum Clad/Wood Sliding Patio Door (3 WIDE)
Vinyl Nail Fin Installation / WDMA Instructions / Non-Impact

SHEET: 1 OF 2

UPDATED: 6/06/2018

DRAWN BY: B.K.

TEST REPORT SUMMARY:

- MAXIMUM BASIC UNIT FRAME SIZE:
144 5/16" (3666mm) x 95 7/8" (2435mm)
- OVERALL DESIGN PRESSURE: ± 30.08 psf
- STRUCTURAL TEST PRESSURE: ± 45.11 psf
- RATING: LC-PG30

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 1-2" FROM EACH CORNER AND 3-4" ON CENTER AT THE HEAD THEREAFTER AND 8-10" ON CENTER AT THE SIDES AND SILL THEREAFTER THROUGH THE VINYL NAIL FIN AND INTO THE FRAMING MATERIAL A MINIMUM OF 1" EMBEDMENT
 - 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. QTY (2) #8 X 1-1/2" PFH SCREWS INSTALLED INTO EACH ANTITHEFT BRACKET. SET IN SEALANT AND SEAL FASTENER HEAD.

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

144 5/16" (3666mm) x 95 7/8" (2435mm)

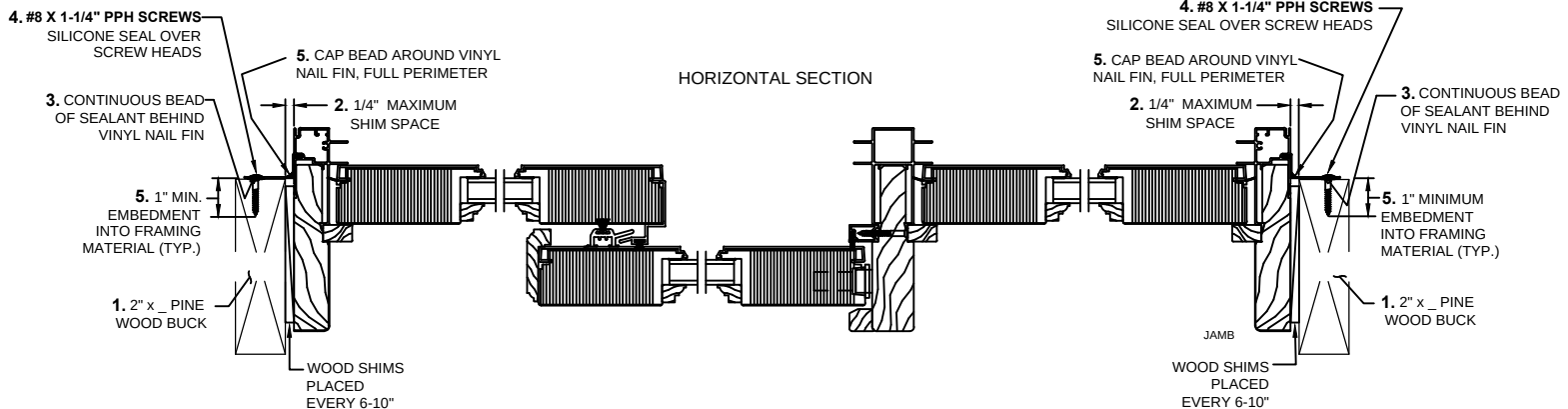
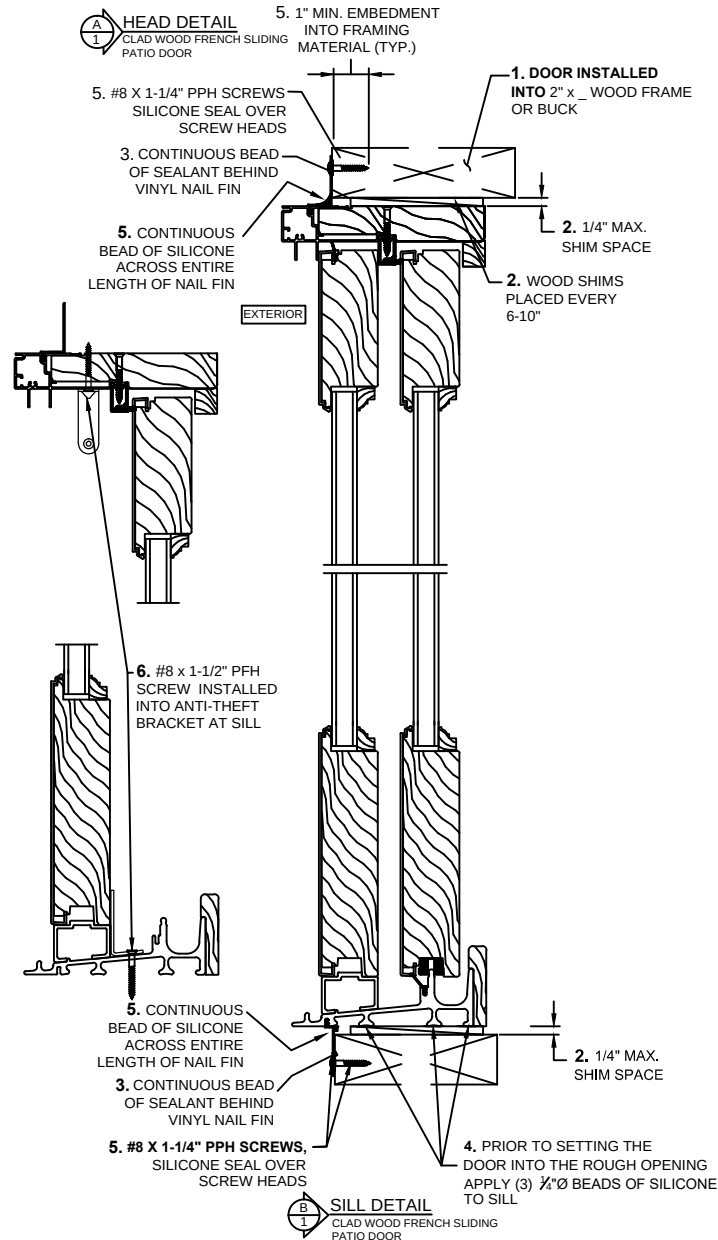
NOTE: DOOR TESTED WITH ANTI-THEFT BRACKETS, ONE AT BOTTOM OF STATIONARY PANEL .875" BACK FROM INTERLOCK AND ONE AT HEAD OF STATIONARY PANEL IN THE CENTER OF THE RAIL.

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 Windows 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 window 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 SPW product. Proper installation of SPW products is the responsibility of the installer. SPW is not responsible for proper installation. SPW is not responsible for the design of, conditions in, or performance of building construction beyond the perimeters of the SPW units. SPW is not responsible for proper integration of the SPW units with the weather-repellent systems of the building.



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SHEET: 2 OF 2

UPDATED: 6/06/2018

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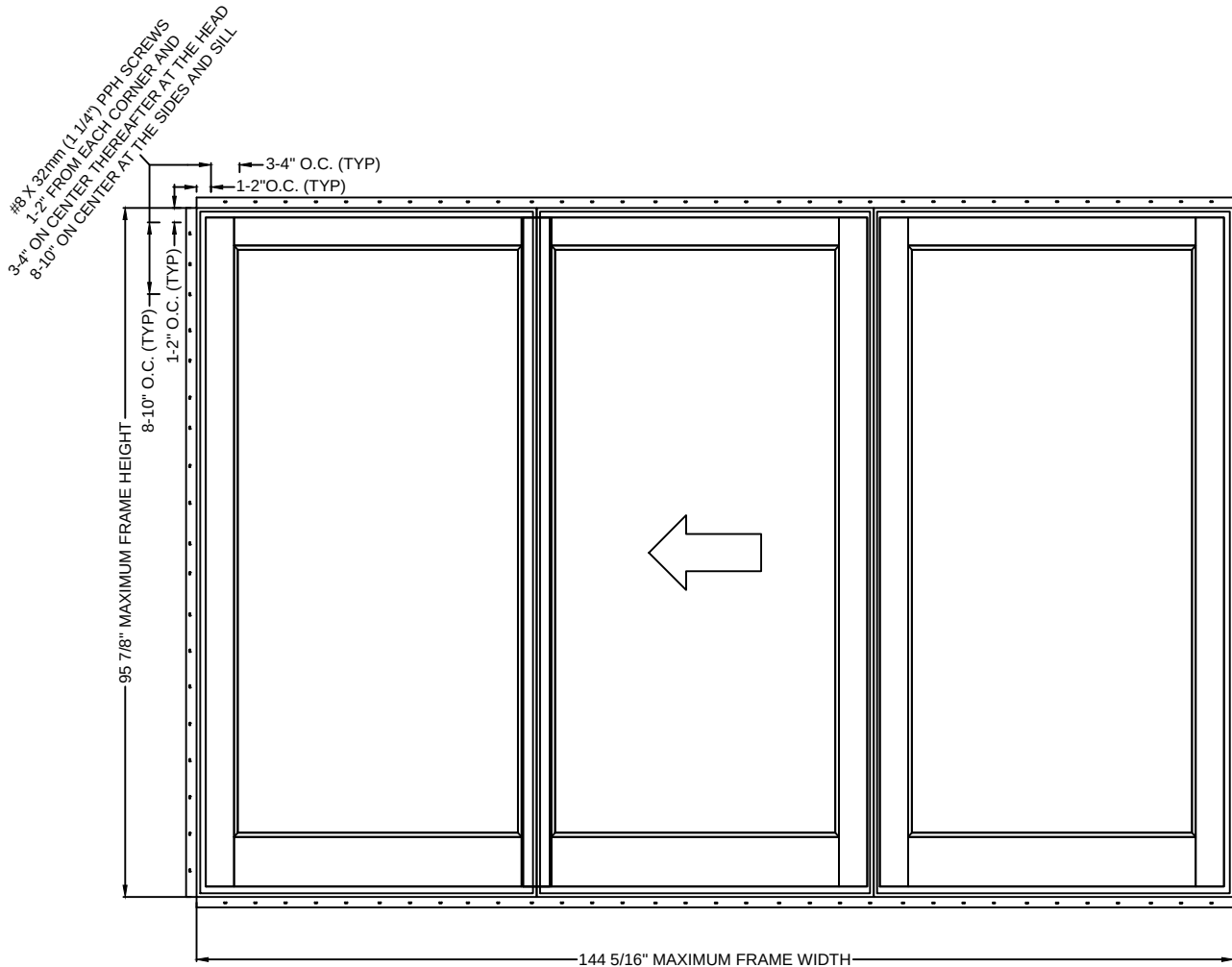
NAIL FIN ANCHOR REQUIREMENTS TABLE

THRU NAIL FIN with SCREWS

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 32mm (1 1/4") PPH SCREWS SPACED 1-2" FROM EACH CORNER & 3-4" ON CENTER ON THE HEAD AND 8-10" ON CENTER ON THE JAMBS & SILL THEREAFTER.	1"	3/8"
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.			

ANTI-THEFT BRACKET:

DOOR TESTED WITH ANTI-THEFT BRACKETS, ONE AT
BOTTOM OF STATIONARY PANEL .875" BACK FROM
INTERLOCK AND ONE AT HEAD OF STATIONARY PANEL IN
THE CENTER OF THE RAIL.
QTY (2) #8 X 1-1/2" PFH SCREWS INSTALLED INTO EACH
ANTITHEFT BRACKET.



**ELEVATION SHOWING
FASTENER LOCATION & SPACING**