



Clad Energy Saver Outswing Patio Door
W/Transoms Stacked 3w2h
113 15/16" x 122 15/16" Overall Frame Size
Nail Fin Installation / Non-Impact

TEST REPORT SUMMARY:

- OVERALL MAXIMUM BASIC UNIT FRAME SIZE:
113 15/16" (2894mm) x 122 15/16" (3123mm)
- OVERALL DESIGN PRESSURE: ± 50.13 psf
- STRUCTURAL TEST PRESSURE: ± 75.19 psf
- RATING: **LC-PG50**

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CCL Listing #436-H-611.103-.104

ELEMENT TEST REPORT# EP028816P-2336

Clad Energy Saver Outswing Patio Door W/Transoms Stacked
Nail Fin Installation / WDMA Instructions / Non-Impact

SHEET: 1 OF 3

UPDATED: 5/14/2019

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 1-3" FROM EACH CORNER AND 6-8" ON CENTER THEREAFTER THROUGH THE STRUCTURAL NAIL FIN AT HEAD & JAMBS AND THE VINYL NAIL FLANGE AT THE 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 WAS SECURED WITH THREE #10 X 64mm (2 1/2") PFH SCREWS PLACED THROUGH THE STRIKE PLATE COVER INTO THE BUCK. ONE #10 X 76mm (3") PFH SCREW PLACED 3" FROM EACH SIDE OF THE DOOR MULL SEAM THROUGH THE SILL INTO THE BUCK. TWO ANCHOR STRAPS 20 GAUGE X 38MM (1-1/2") X 127MM (5") WERE PLACED 76MM (3") EACH SIDE OF THE MULL SEAM AT THE HORIZONTAL AND VERTICAL MULL ENDS FASTENED WITH THREE #6 X 22MM (7/8") PFH SCREWS TO THE FRAME AND TWO #8 X 32MM (1-1/4") PPH TO THE BUCK

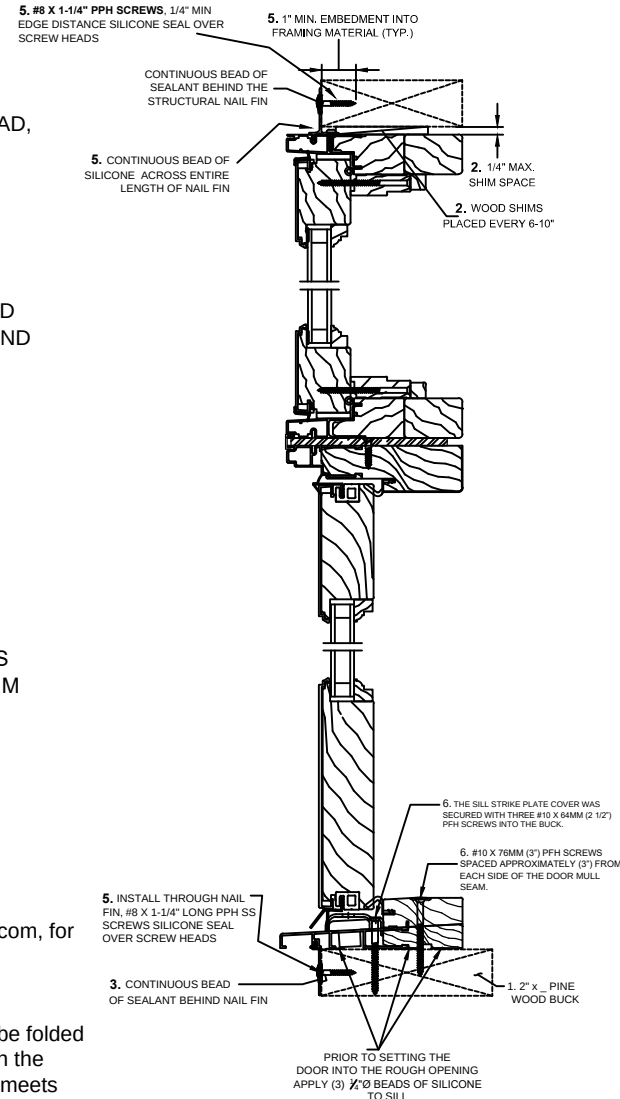
MAXIMUM OVERALL SIZE: B.U.S. (Basic Unit Size):

GENERAL INSTALLATION NOTES: 113 15/16"(2894mm) x 122 15/16"(3123mm)

- 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 door installation brochure for complete flashing details.





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SHEET: 2 OF 3

UPDATED: 5/14/2019

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TOP TRANSOM UNITS

5. #8 X 1-1/4" PPH SCREWS,
1/4" MIN EDGE DISTANCE
SILICONE SEAL OVER
SCREW HEADS

3. CONTINUOUS BEAD
OF SEALANT BEHIND
STRUCTURAL NAIL FIN

5. 1" MIN.
EMBEDMENT
INTO FRAMING
MATERIAL (TYP.)

1. 2" x _ PINE
WOOD BUCK

5. CONTINUOUS BEAD OF
SILICONE ACROSS ENTIRE
LENGTH OF NAIL FIN

2. 1/4" MAXIMUM
SHIM SPACE

2. WOOD
SHIMS PLACED
EVERY 6-10"

EXTERIOR

INTERIOR

5. CONTINUOUS BEAD OF
SILICONE ACROSS ENTIRE
LENGTH OF NAIL FIN

2. 1/4" MAXIMUM
SHIM SPACE

2. WOOD
SHIMS PLACED
EVERY 6-10"

5. #8 X 1-1/4" PPH SCREWS,
1/4" MIN EDGE DISTANCE
SILICONE SEAL OVER
SCREW HEADS

3. CONTINUOUS BEAD
OF SEALANT BEHIND
STRUCTURAL NAIL FIN

5. 1" MIN.
EMBEDMENT
INTO FRAMING
MATERIAL (TYP.)

1. 2" x _ PINE
WOOD BUCK

BOTTOM DOOR UNITS

5. #8 X 1-1/4" PPH SCREWS,
1/4" MIN EDGE DISTANCE
SILICONE SEAL OVER
SCREW HEADS

3. CONTINUOUS BEAD
OF SEALANT BEHIND
STRUCTURAL NAIL FIN

5. 1" MIN.
EMBEDMENT
INTO FRAMING
MATERIAL (TYP.)

1. 2" x _ PINE
WOOD BUCK

5. CONTINUOUS BEAD OF
SILICONE ACROSS ENTIRE
LENGTH OF NAIL FIN

2. 1/4" MAXIMUM
SHIM SPACE

2. WOOD
SHIMS PLACED
EVERY 6-10"

EXTERIOR

INTERIOR

5. CONTINUOUS BEAD OF
SILICONE ACROSS ENTIRE
LENGTH OF NAIL FIN

2. 1/4" MAXIMUM
SHIM SPACE

2. WOOD
SHIMS PLACED
EVERY 6-10"

5. #8 X 1-1/4" PPH SCREWS,
1/4" MIN EDGE DISTANCE
SILICONE SEAL OVER
SCREW HEADS

3. CONTINUOUS BEAD
OF SEALANT BEHIND
STRUCTURAL NAIL FIN

5. 1" MIN.
EMBEDMENT
INTO FRAMING
MATERIAL (TYP.)

1. 2" x _ PINE
WOOD BUCK

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.



Clad Energy Saver Outswing Patio Door
W/Transoms Stacked 3w2h
113 15/16" x 122 15/16" Overall Frame Size
Nail Fin Installation / Non-Impact

TEST REPORT SUMMARY:

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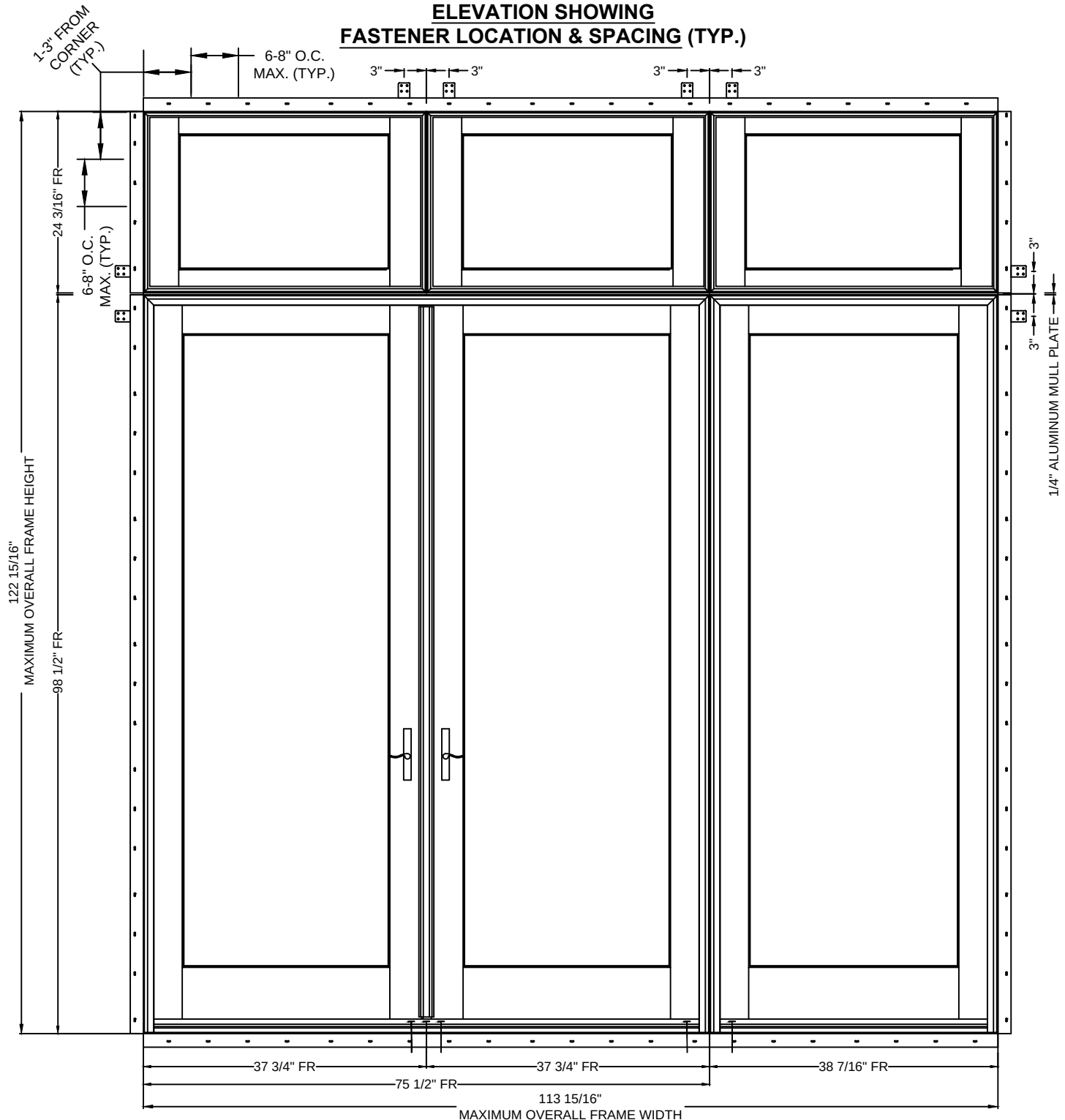
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SHEET: 3 OF 3

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ELEVATION SHOWING FASTENER LOCATION & SPACING (TYP.)



THE SILL STRIKE PLATE WAS SECURED WITH THREE #10 X 64mm (2 1/2") PFH SCREWS PLACED THROUGH THE STRIKE PLATE COVER INTO THE BUCK. ONE #10 X 76mm (3") PFH SCREW PLACED 3" FROM EACH SIDE OF THE DOOR MULL SEAM THROUGH THE SILL INTO THE BUCK.

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.