



FeelSafe & FeelSafe IG
Monument Double Hung/Single Hung
Operating 1-Wide Window, 48"W x 100"
Aluminum Nail Fin Installation / Impact

TEST REPORT SUMMARY:

-OVERALL DOUBLE HUNG/SINGLE HUNG *OPERATING UNIT*
MAX. SIZE: **48.00" (1219mm) X 100" (2540mm)**

- OVERALL DESIGN PRESSURE: **±60.15 psf**
- STRUCTURAL TEST PREASURE: **±90.23 psf**

- RATING: **LC-PG60**

CCL Listing #436-H-615.74-76

ELEMENT TEST REPORT# EP015004P-1482

**FeelSafe Monument Clad Double Hung/Single Hung 1-Wide Operating Window
Aluminum Nail Fin Install/WDMA**

SHEET: 1 OF 4

UPDATED: 9/12/2018

DRAWN BY: B.K.

ALUMINUM NAIL FIN & L-CLIP ANCHOR REQUIREMENTS TABLE			
THRU NAIL FIN UTILIZING SCREWS & L-CLIPS			
Opening type (Substrate)	JAMB TO OPENING FASTENER TYPE, FASTENER SPACING	Minimum embed	Minimum edge dist.
2X_ wood frame or buck	#8 X 1-1/4" PPH screws thru the aluminum nail fin spaced maximum 2" from each corner & maximum 8" on center thereafter.	1 1/4"	3/4"
		Maximum shim space	Shim Placement
		1/4" each side	Every 6-10"
Anchors must be into a min. 2x_ wood member. if space between wall frame & window 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.			

INSTALLATION NOTES:

- SILL MUST BE A MINIMUM OF 7" WHEN INSTALLING WITH THE
1/4" VERTICAL ALUMINUM PLATE MULL. SILL MAY BE 2 PIECE
CONSTRUCTION.

1. USE 2" x _ WOOD BUCK OR FRAME.

2. 1/4" MAXIMUM SHIM SPACE AT HEAD, SILL & JAMBS

- PLACE WOOD SHIM EVERY 6-10"

3. APPLY A CONTINUOUS BEAD OF SEALANT BETWEEN THE
ALUMINUM NAIL FIN AT HEAD, JAMBS AND SILL AND THE BUCK

4. - **UNIT IS TO BE INSTALLED UTILIZING #8 X 1-1/4" PPH SCREWS**
SPACED MAXIMUM 2" FROM EACH CORNER AND MAXIMUM 8" ON
CENTER THEREAFTER THRU THE ALUMINUM NAIL FIN AT HEAD,
JAMBS & SILL INTO THE WOOD BUCK FRAMING MATERIAL.
SILICONE SEAL OVER SCREW HEADS (SEE ELEVATIONS P.2 & P.3.)

5. 1 1/4" MINIMUM FASTENER EMBEDMENT INTO FRAMING
MATERIAL, SILICONE SEAL OVER SCREW HEADS

6. MAXIMUM WINDOW BASIC UNIT FRAME SIZE: **48" (1219mm)W X
100" (2540mm)H**

- 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 should allow a maximum of 1/4" shim space at head, sill and jambs.
- Wood buck, framing, fasteners, sealant and all wall system materials are provided by others.



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SHEET: 2 OF 4

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GLAZING SPECIFICATION

LAMINATED INSULATED GLASS - DH/SH

15/16" O.A. THICKNESS IGU CARDINAL: CONSISTING OF 4mm TEMPERED
INTERIOR LITE X .438" STAINLESS STEEL BOX SPACER X 8.6mm LAMI
CONSISTING OF 3mm ANNEALED GLASS X .090" SAFLEX PVB INTERLAYER X 3mm
ANNEALED GLASS

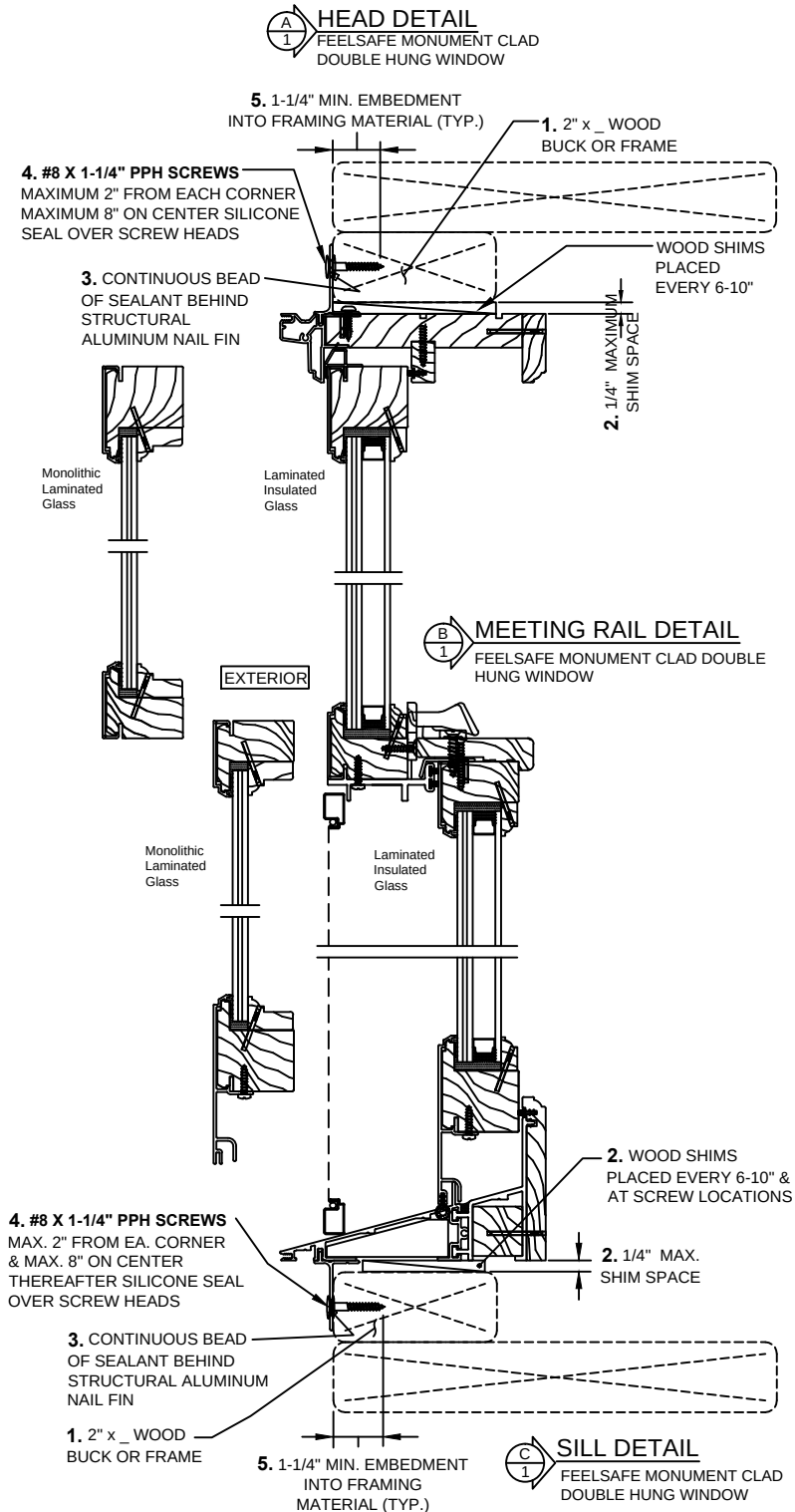
MONOLITHIC LAMINATED GLASS - DH/SH

11/32" O.A. THICKNESS SINGLE LAMINATED CARDINAL: CONSISTING OF 3mm
ANNEALED GLASS X .090" SAFLEX PVB INTERLAYER X 3mm ANNEALED GLASS.

SAFLEX PVB INTERLAYER: NOA No. 18-0301.05

NOTES:

1. A MINIMUM OF TWO (2) NEOPRENE SETTING BLOCKS WITH 70 TO 90
SHORE A DUROMETER HARDNESS ARE REQUIRED AT BOTTOM (SILL) OF
GLAZING LITES MORE THAN 3 FEET IN WIDTH.
2. AS-TESTED SINGLE-PLY LAMINATED AND IGU LAMINATED SYSTEM SHOWN.
3. GLAZING STOP ATTACHMENT:
 - 3.1. MECHANICALLY ATTACHED TO ADJACENT PANEL MEMBER.
 - 3.2. CONTINUOUS BEAD OF TREMCO S-900 GLAZING COMPOUND 1/8" X 1/4"
APPLIED TO THE GLASS/EXPOSED SASH CLADDING WITH A 9/16"
GLASS BITE AND BACKFILL.
 - 3.3. INTERIOR GLAZING STOPS SECURED WITH 1" GALVANIZED T-NAILS
SPACED 2" FROM EACH CORNER AND 8" - 10" ON CENTER
THEREAFTER. 3mm BUMP-ON GLASS SHIMS PLACED BETWEEN GLASS
AND SASH CLADDING.





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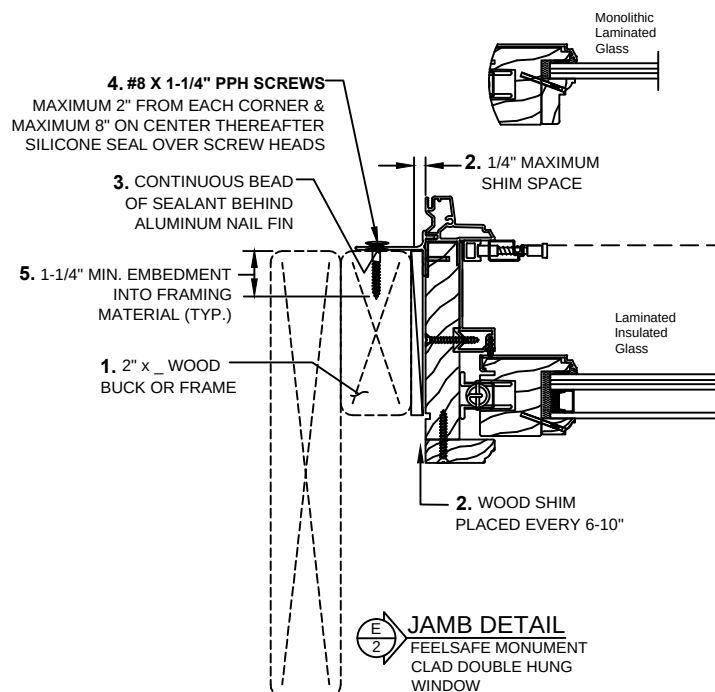
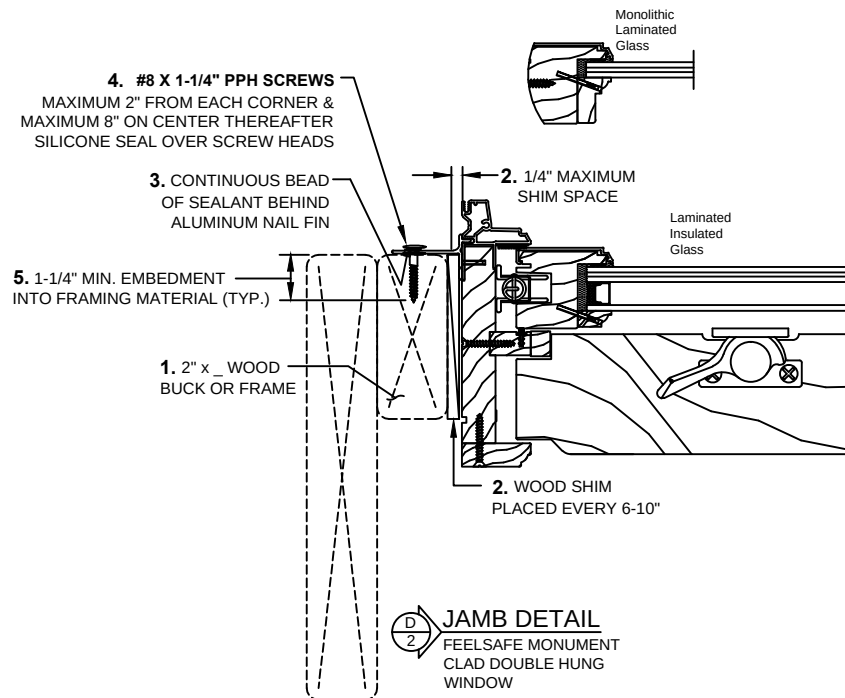
SHEET: 3 OF 4

UPDATED: 9/12/2018

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NOTE:

DOUBLE HUNG SHOWN, ALSO
QUALIFIES SINGLE HUNG UNITS





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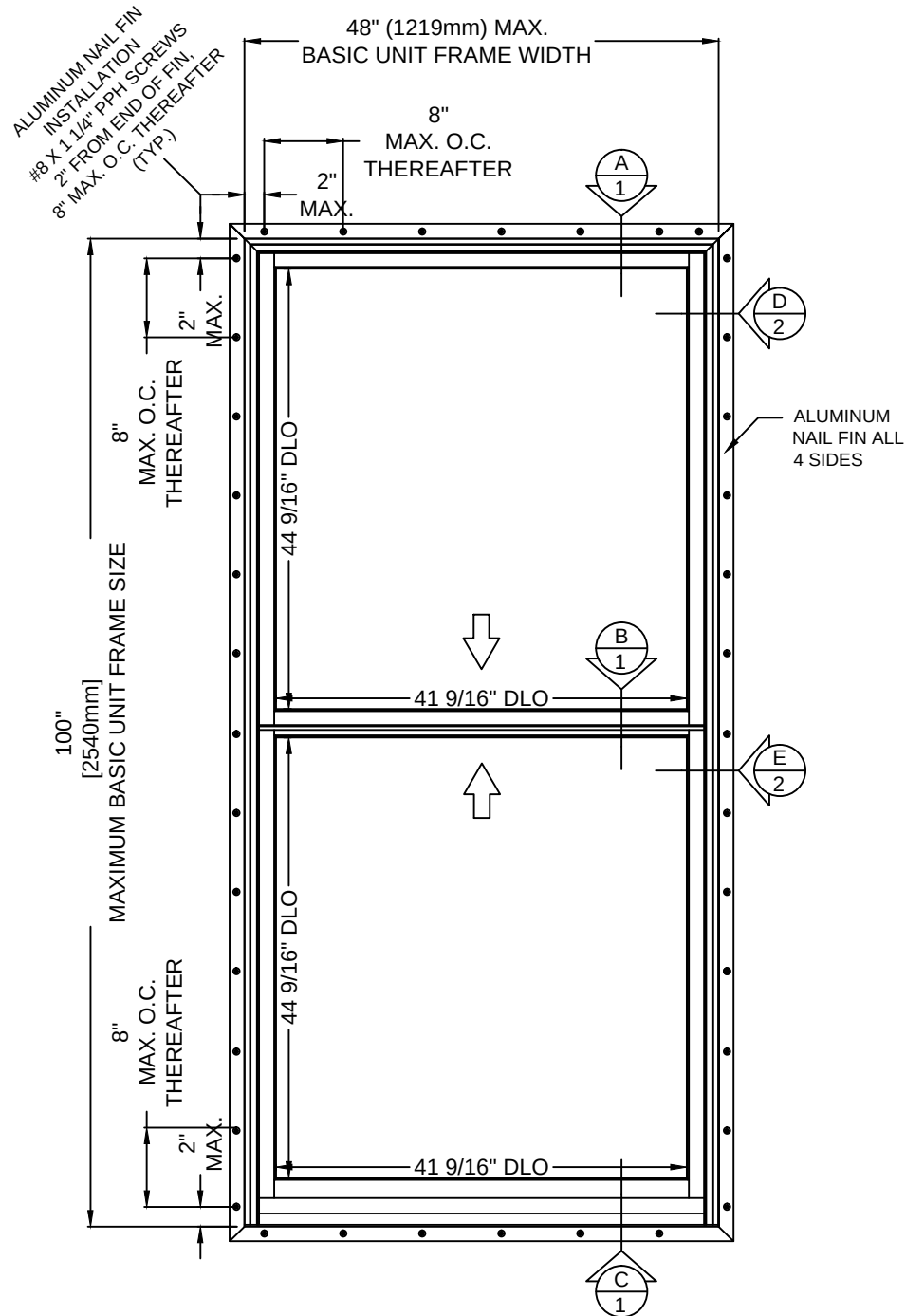
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**PLEASE NOTE: INSTALLATION SHOWN IS FOR
MONOLITHIC AND LAMINATED INSULATED
GLASS UNITS**

NOTE:
DOUBLE HUNG SHOWN, ALSO
QUALIFIES SINGLE HUNG UNITS



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.