



FeelSafe & FeelSafe IG
Monument Double Hung/Single Hung Operating
1-Wide Window, 48"W x 100"H
Screw Thru Frame Installation/L-Clip at Sill/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
Screw Thru Frame & L-Clip at Sill Install/WDMA**

SHEET: 1 OF 4

UPDATED: 9/12/2018

DRAWN BY: B.K.

THRU FRAME & L-CLIP ANCHOR REQUIREMENTS TABLE			
THROUGH FRAME UTILIZING SCREWS & L-CLIPS			
Opening type (Substrate)	JAMB TO OPENING FASTENER TYPE, FASTENER SPACING	Minimum embed	Minimum edge distance
2X_ Wood frame or buck	4. Double Hung Operating Units: • Head & Jambs: Install #10 x 2-1/2" PFH SS screws 6" from the outside corner and 14-15" On Center thereafter. Sill: • Install 1-1/2" x 5" 20 gauge galvanized hurricane L-clips spaced 6" from the outside corner and one mid-span. Each Unit. Each clip is installed with (3) #6 x 1/2" Tek screws into the window unit sill & (2) #8 x 1-1/4" PPH screws into the wood buck framing material. Spaced 6" from each corner and at mid-span.	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:

1. 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.
2. Use 2" x _ wood frame or buck.
3. 1/4" maximum shim space at head, sill & jambs.
- Place wood shim every 6-10" and where screw anchors are located.
4. 1-1/4" minimum fastener embedment into framing material, silicone seal over screw heads.
- See Anchor Requirements Table above.
5. Cap bead between the window frame and the buck, full perimeter.
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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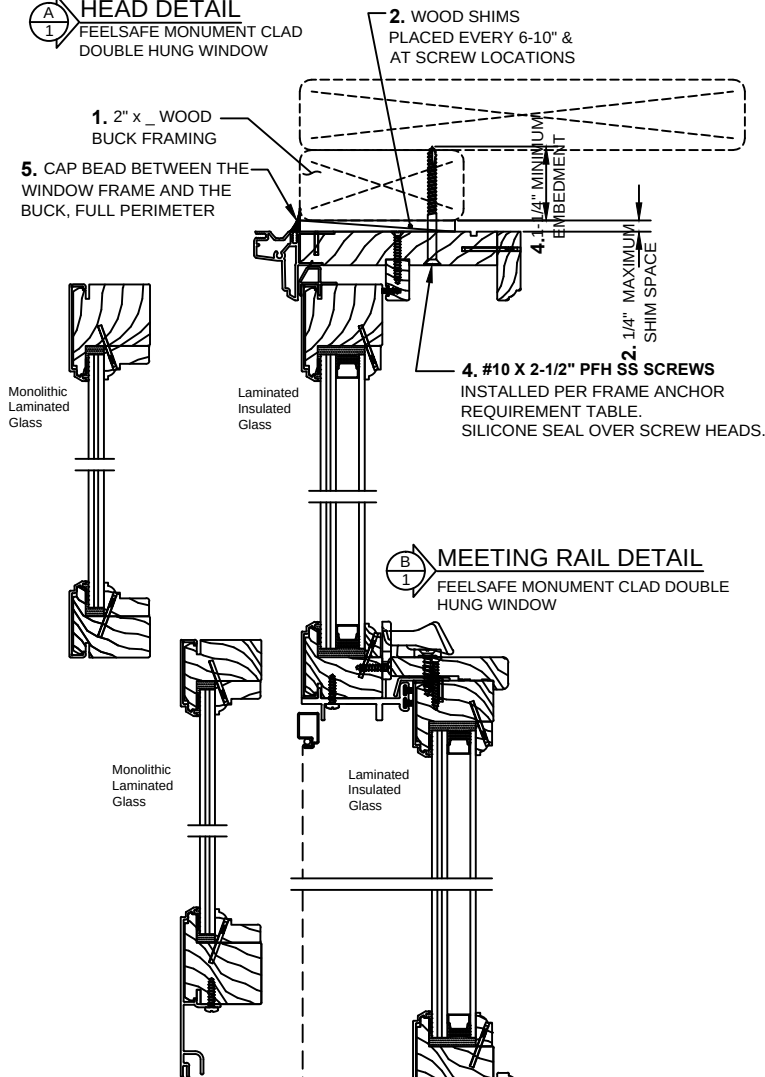
**FeelSafe Monument Clad Double Hung/Single Hung 1-Wide Operating Window
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SHEET: 2 OF 4

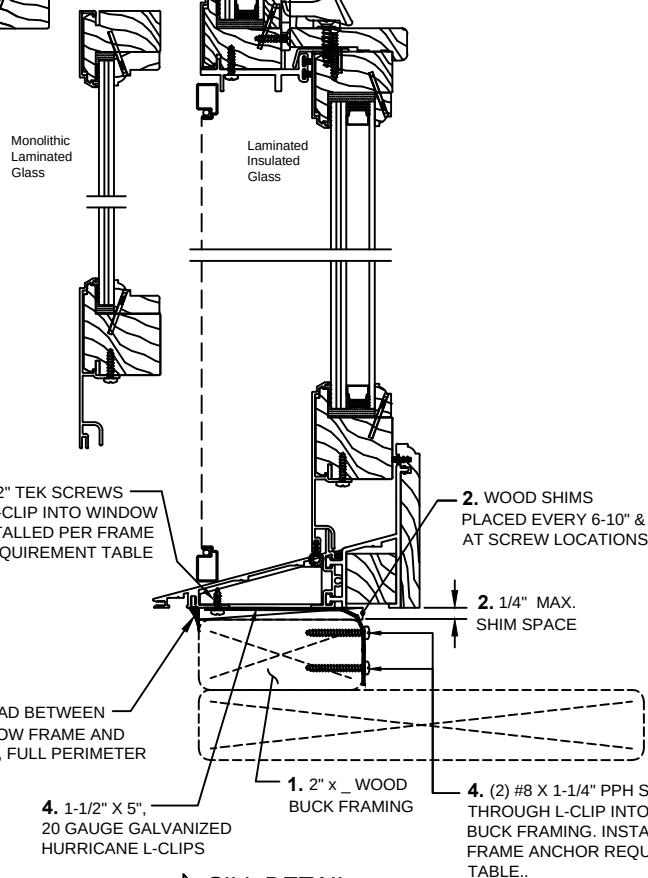
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HEAD DETAIL
FEELSAFE MONUMENT CLAD
DOUBLE HUNG WINDOW



MEETING RAIL DETAIL
FEELSAFE MONUMENT CLAD DOUBLE
HUNG WINDOW



SILL DETAIL
FEELSAFE MONUMENT CLAD
DOUBLE HUNG WINDOW

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.

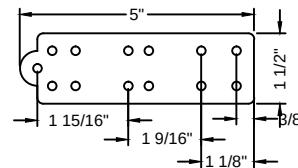
SAFLEX PVB INTERLAYER: NOA No. 18-0301.05

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.

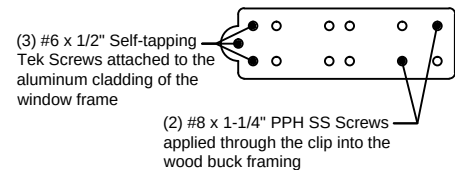
Hurricane L-Clip

1 1/2" X 5", 20 GAUGE (.035") GALVANIZED
STEEL ANCHOR STRAP



**Screw types and locations for
Hurricane L-Clips**

At the Sill





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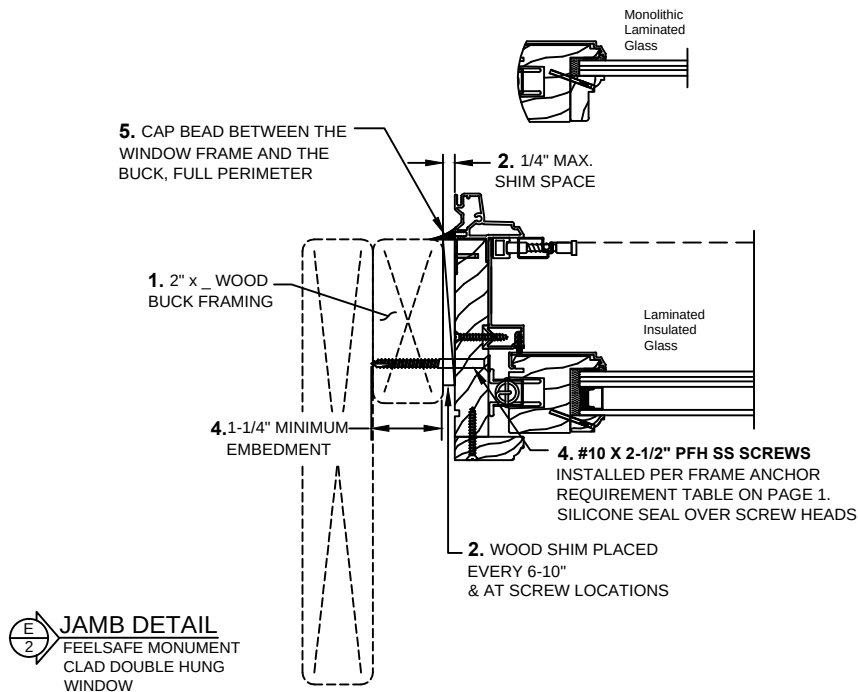
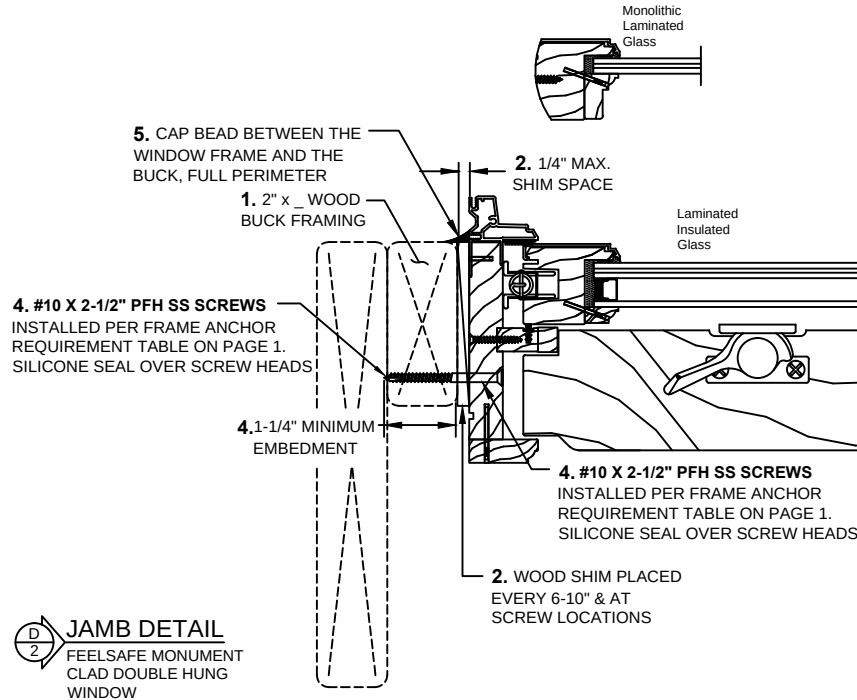
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NOTE:

DOUBLE HUNG SHOWN, ALSO
QUALIFIES SINGLE HUNG UNITS





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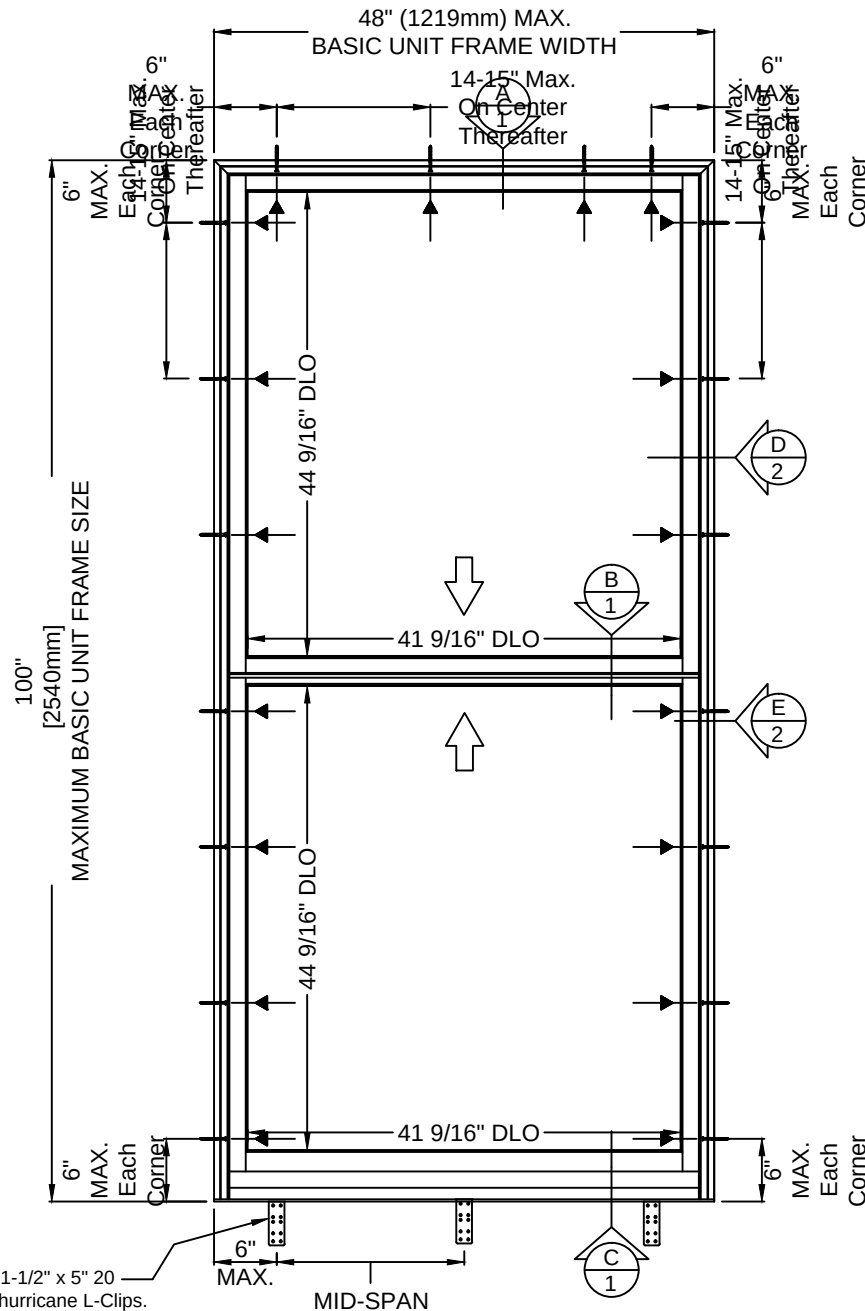
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**PLEASE NOTE: INSTALLATION SHOWN IS FOR
MONOLITHIC AND LAMINATED INSULATED
GLASS UNITS**

NOTE:
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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.