



FeelSafe & FeelSafe IG Monument Rectangle, Archtop & Springline Single/Double Hung Operating 1-Wide Window 41.31" Wide x 76.63" High Maximum Size Screw Thru Frame & L-Clip Installation / Impact

Element Materials Technology TEST REPORT #: **ESP015004P-1482**

FeelSafe Monument Clad Archtop & Springline Single/Double Hung Operating 1-Wide Window, Screw Thru Frame & L-Clip Install/WDMA Instruction / Impact

SHEET: 1 OF 3

DRAWING REV. A, 4/22/21

DRAWN BY: H.W.D.

CHECKED BY: R.J.A.

TEST REPORT SUMMARY:
- SINGLE UNIT, MAXIMUM BASIC UNIT FRAME SIZE: 41.31" (1049mm) x 76.63" (1946mm)
- OVERALL DESIGN PRESSURE: +65 / - 85 psf
- RATING: +65/-85, Missile D, Wind Zone 4
DATE: 07/29/2014
DWG. No.: HURD0008

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 DIST.
2X_ WOOD FRAME OR BUCK	4. Double Hung Operating Units: • Head & Jamb: Install #10 x 2-1/2" PFH SS screws 6" from the outside corner and 15"-18" On Center thereafter.	1-1/4"	3/4"
		Maximum shim space	Shim Placement
	Sill: • Install 1-1/2" x 5" 20 gauge galvanized hurricane L-clips spaced 6" from the outside corner and 10" o.c. thereafter. 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.	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:

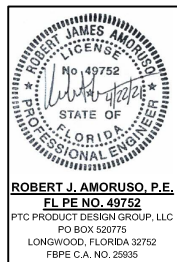
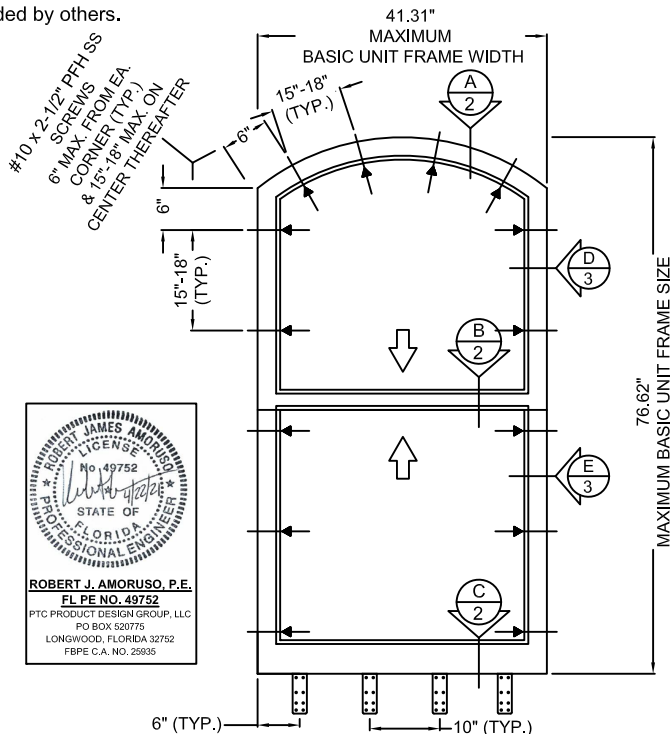
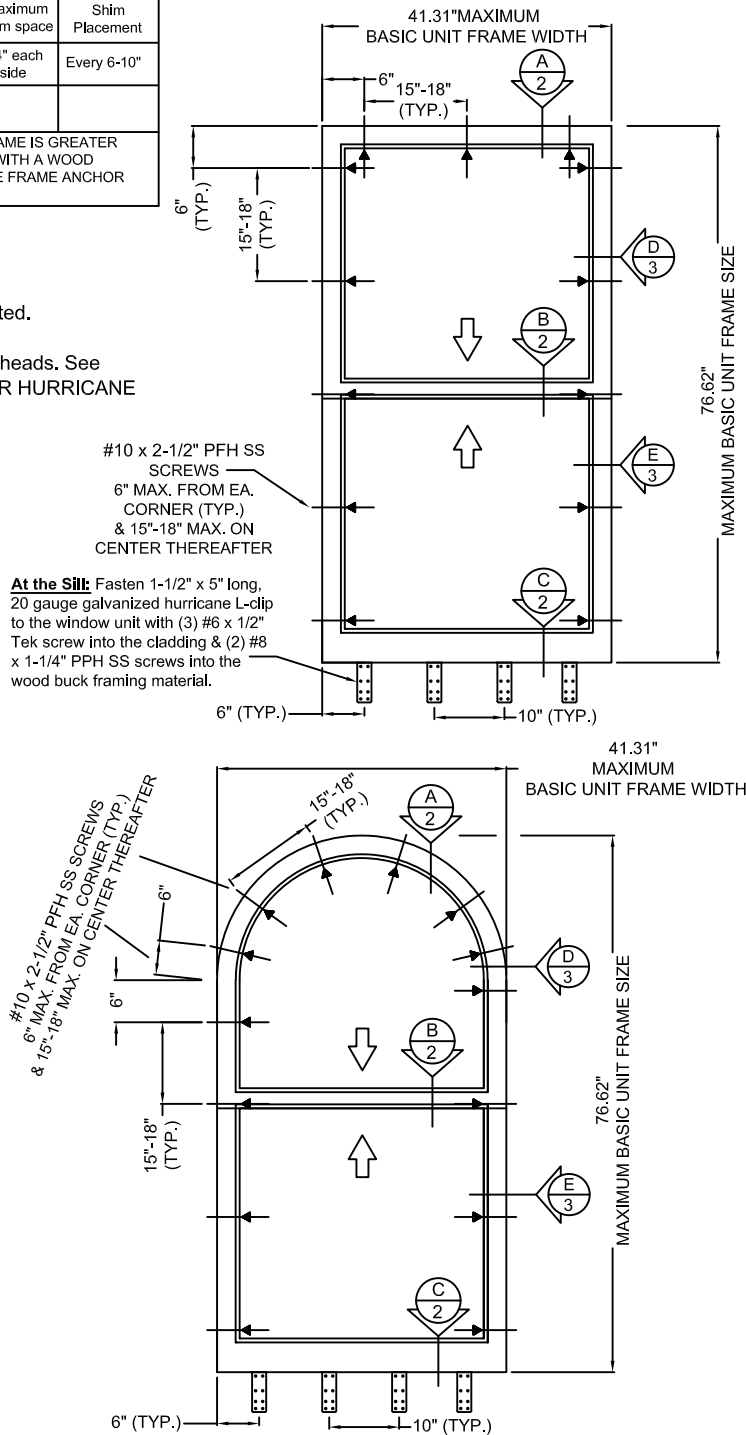
1. Use 2" x _ wood frame or buck.
2. 1/4" maximum shim space at head, sill, jamb.
- Install wood shims every 6-10" at head, sill and jambs and where the screws are located.
3. Cap bead between the window frame and the buck, full perimeter.
4. 1-1/4" minimum fastener embedment into framing material, silicone seal over screw heads. See ANCHOR REQUIREMENTS TABLE above and SCREW TYPES & LOCATIONS FOR HURRICANE L-CLIPS on sheet 2.
5. Maximum window basic unit frame size = **41.31" (1049mm) x 76.63" (1946mm)**
6. This information is for SINGLE UNITS only. DOES NOT apply to mullied units.
7. See Sheet 2 for GLAZING SPECIFICATION.

- 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.

PLEASE NOTE: Installation shown is for both Feelsafe monolithic glass & Feelsafe insulated glass

ELEVATION SHOWING FASTENER LOCATION & SPACING

MAX. WINDOW SIZE
BASIC UNIT FRAME = 41.31" (1049mm) x 76.63" (1946mm)



Installation requirements may vary in particular locations and in other types of construction. Proper installation is essential, and Hurd Windows & Doors, recommends consultation with an AAMA Certified Installer, or other qualified, registered building professional before installation of any Hurd product. Proper installation of Hurd products is the responsibility of the installer. Hurd is not responsible for proper installation. Hurd is not responsible for the design of, conditions in, or performance of building construction beyond the perimeters of the Hurd units. Hurd is not responsible for proper integration of the Hurd units with the weather-repellent systems of the building.



FeelSafe & FeelSafe IG Monument Rectangle, Archtop & Springline Single/Double Hung Operating 1-Wide Window 41.31" Wide x 76.63" High Maximum Size Screw Thru Frame & L-Clip Installation / Impact

Element Materials Technology TEST REPORT #: **ESP015004P-1482**

FeelSafe Monument Clad Archtop & Springline Single/Double Hung 1-Wide Operating Window, Screw Thru Frame & L-Clip Install/WDMA Instruction / Impact

SHEET: 2 OF 3

DRAWING REV. A, 4/22/21

DRAWN BY: H.W.D.

CHECKED BY: R.J.A.

TEST REPORT SUMMARY:	
- SINGLE UNIT, MAXIMUM BASIC UNIT FRAME SIZE:	41.31" (1049mm) x 76.63" (1946mm)
- OVERALL DESIGN PRESSURE:	+65 / - 85 psf
- RATING:	+65/-85, Missile D, Wind Zone 4
DATE: 07/29/2014	DWG. No.: HURD0008

NOTE:

DOUBLE HUNG SHOWN, ALSO QUALIFIES SINGLE HUNG UNITS

GLAZING SPECIFICATION

Laminated Insulated Glass - DH/SH

15/16" O.A. Thickness IGU Old Castle KeepSafe: consisting of 3mm tempered interior lite x .438" aluminum box spacer bar 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 Old Castle KeepSafe: consisting of 3mm annealed glass x .090" Saflex PVB interlayer x 3mm annealed glass.

MD NOA Component Approvals. Current 2020 FBC approvals shown. Later approvals may be applicable.

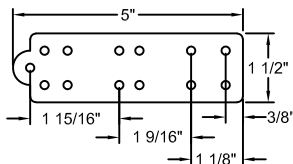
- Saflex PVB Interlayer: NOA No. 20-0622.01

Notes:

- 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.
- As-tested single-ply laminated and IGU laminated systems shown.
- Glazing Stop Attachment:
 - Mechanically attached to adjacent panel member.
 - 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 backfilled.
 - Interior glazing stops secured with 1" galvanized T-nails spaced 2" from each corner and 8" - 10" on center thereafter. 3m bump-on glass shims placed between glass and sash cladding.

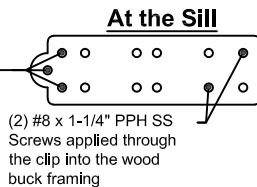
Hurricane L-Clip

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

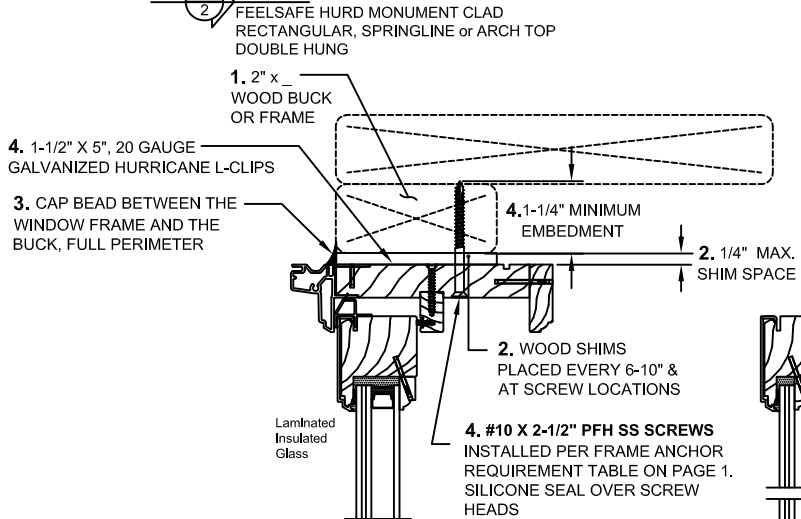


Screw types and locations for Hurricane L-Clips

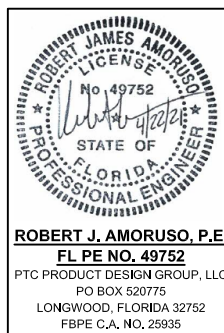
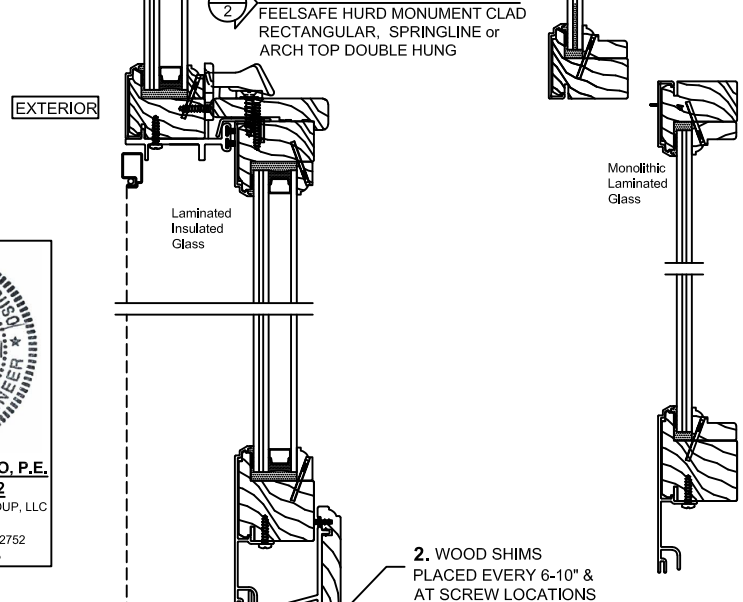
(3) #6 x 1/2" Self-tapping Tek Screws attached to the aluminum cladding of the window frame



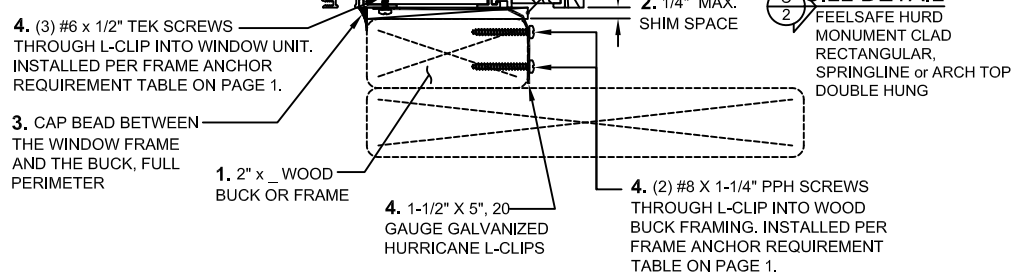
HEAD DETAIL



MEETING RAIL DETAIL



SILL DETAIL



Installation requirements may vary in particular locations and in other types of construction. Proper installation is essential, and Hurd Windows & Doors, recommends consultation with an AAMA Certified Installer, or other qualified, registered building professional before installation of any Hurd product. Proper installation of Hurd products is the responsibility of the installer. Hurd is not responsible for proper installation. Hurd is not responsible for the design of, conditions in, or performance of building construction beyond the perimeters of the Hurd units. Hurd is not responsible for proper integration of the Hurd units with the weather-repellent systems of the building.



FeelSafe & FeelSafe IG Monument Rectangle, Archtop & Springline
Single/Double Hung Operating 1-Wide Window
41.31" Wide x 76.63" High Maximum Size
Screw Thru Frame & L-Clip Installation / Impact

Element Materials Technology TEST REPORT #: **ESP015004P-1482**

FeelSafe Monument Clad Archtop & Springline Single/Double Hung Operating 1-Wide Window, Screw Thru Frame & L-Clip Install/WDMA Instruction / Impact

SHEET: 3 OF 3

DRAWING REV. A, 4/22/21

DRAWN BY: H.W.D.

CHECKED BY: R.J.A.

TEST REPORT SUMMARY:

- SINGLE UNIT, MAXIMUM BASIC UNIT FRAME SIZE:
41.31" (1049mm) x 76.63" (1946mm)

- OVERALL DESIGN PRESSURE: **+65 / - 85 psf**

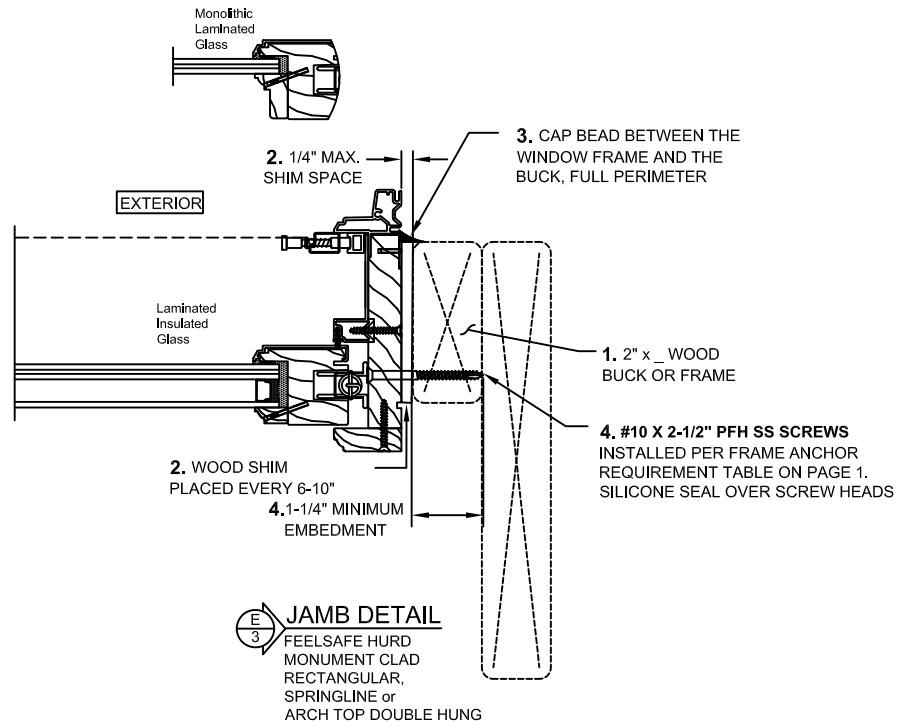
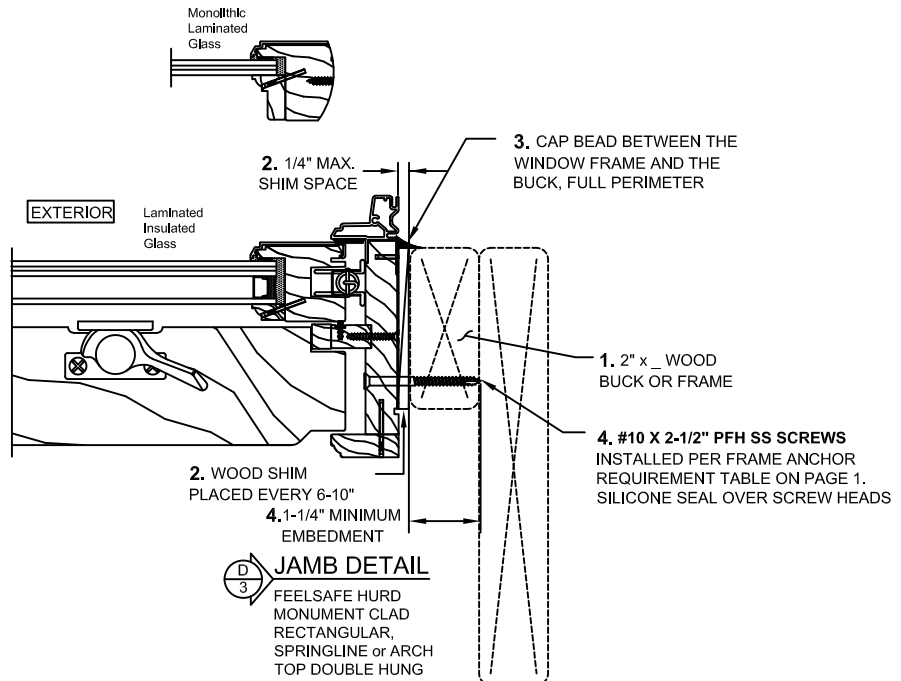
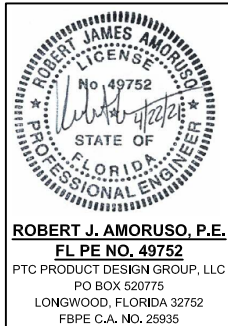
- RATING: **+65/-85, Missile D, Wind Zone 4**

DATE: 07/29/2014

DWG. No.: HURD0008

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 Hurd Windows & Doors, recommends consultation with an AAMA Certified Installer, or other qualified, registered building professional before installation of any Hurd product. Proper installation of Hurd products is the responsibility of the installer. Hurd is not responsible for proper installation. Hurd is not responsible for the design of, conditions in, or performance of building construction beyond the perimeters of the Hurd units. Hurd is not responsible for proper integration of the Hurd units with the weather-repellent systems of the building.