

RECTANGULAR FIXED UNITS

CONFIGURATIONS: O

GENERAL NOTES:

- 1- THIS PRODUCT IS DESIGNED TO COMPLY WITH THE PROVISIONS OF THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 5TH EDITION (2014) FLORIDA BUILDING CODE.
- 2- THIS PRODUCT IS LARGE MISSILE IMPACT RESISTANT AND HAS BEEN TESTED IN ACCORDANCE WITH THE HIGH VELOCITY HURRICANE ZONE PROTOCOLS TAS201, 202 AND 203. SHUTTERS ARE NOT REQUIRED.
- 3- WOOD BUCKS (BY OTHERS) AND OPENINGS MUST BE DESIGNED BY THE PROFESSIONAL OF RECORD. WOOD BUCKS MUST BE ADEQUATELY FASTENED TO TRANSFER LOADS FROM THE WINDOW FRAMES TO THE MAIN STRUCTURE.
- 4- SPECIFIED ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
- 5- IN ORDER TO VERIFY THAT ANCHORS FOR THIS PRODUCT WERE NOT OVERSTRESSED AS TESTED, A 33% ALLOWABLE STRESS INCREASE **WAS NOT** USED IN THEIR ANALYSIS. HOWEVER, A LOAD DURATION FACTOR OF Cd = 1.6 WAS USED TO VERIFY THEIR SPACING IN WOOD SUBSTRATES.
- 6- WOOD: Mahogany (See Note on Sheet 9)

DESIGN PRESSURE
Positive Pressure: +58 psf Negative Pressure -68 psf
NOTE: Refer to table 1 for minimum and maximum sizes width (FW) & height (FH)

Information on this page applies to cross sections 1 & 20 (sash "inward") ONLY
Frame Size vs d.l.o. relation is: Long d.l.o.= long frame dimension - 9" Short d.l.o.=short Frame dimension- 9"

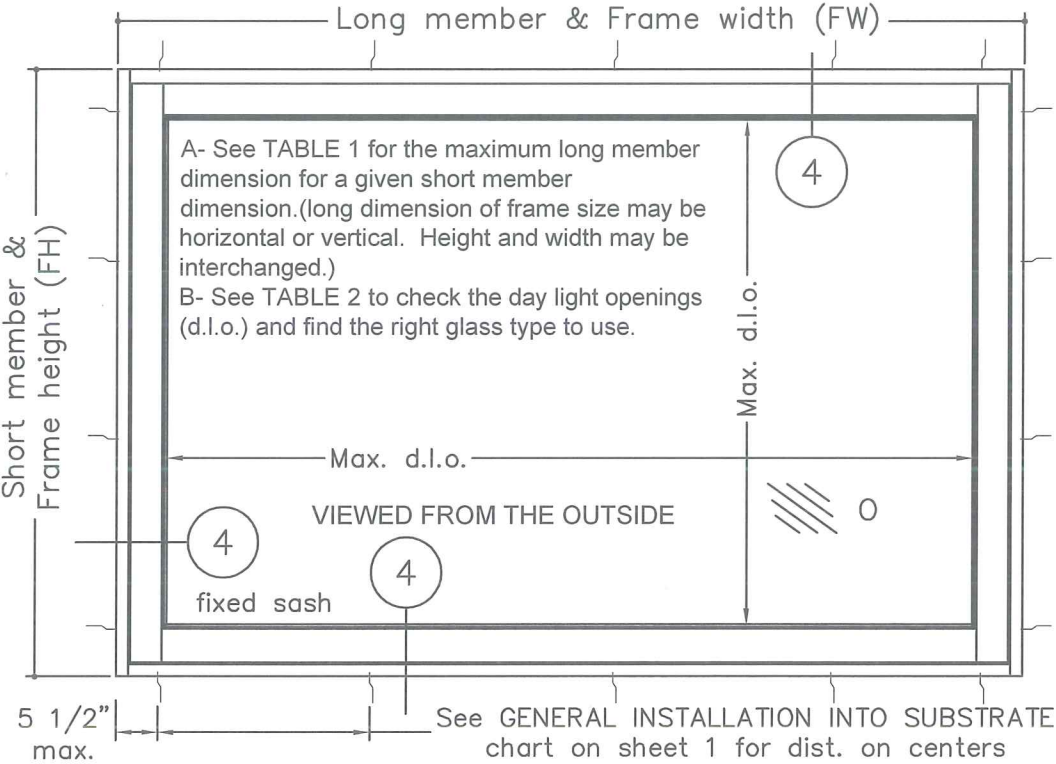


TABLE 2
GLASS TYPES FOR FRAME DIMENSIONS OF TABLE 1
OR FOR BASIC RECTANGLES GIVEN ON SHEETS 2,
3, 4 AND 5 OF THIS DRAWING

If, for a given long member d.l.o., the actual short member daylight opening exceeds the maximum dimension indicated on table 2, then
TYPE 2 heat strenghtened laminated glass
[3/16" HS - .09" PVB interlayer, Saflex IIIG by Solutia - 3/16" HS]
OR TYPE 3 full tempered laminated glass
[3/16" FT - .09" PVB interlayer, Saflex IIIG by Solutia - 3/16" FT]
MUST BE USED

Maximum daylight opening for type 1 laminated glass [3/16" AN - .09" PVB interlayer, Saflex IIIG* by Solutia - 3/16" HS]			
Given Long member d.l.o. up to (in.)	Max. short member d.l.o. (in.)	Given Long member d.l.o. up to (in.)	Max. short member d.l.o. (in.)
47 1/4	47.244	90 1/2	28.150
51	41.339	94 1/2	27.953
55	38.386	98 1/2	27.559
59	36.220	102 1/4	27.362
63	34.055	106 1/4	26.969
66	32.480	110 1/4	26.772
70 3/4	31.496	114	26.575
74 3/4	30.512	118	26.378
78 3/4	29.528	122	26.220
82 1/2	28.937	126	26.102
86 1/2	28.543	130	25.984

Saflex IIIG* is manufactured by Eastman Chemical; per NOA# 15-1201.11

- Installation Notes:
- 1- All fastener spacings are 5 1/2" from corners and (max) O.C. as listed in the General Installation chart below.
- 2- Shim Space: Max. shim space is 3/8" at head, jambs, and sill. Use std. shims behind as required.
- 3- Materials including, but not limited to, steel and steel screws that come into contact with other dissimilar materials shall meet the requirements of the 2014 Florida Building Code.

GENERAL INSTALLATION INTO SUBSTRATE			0 - 72.436		72.436				
Anchoring method	Sub-strate	Fasteners type, size & embedment	Spacing		Min. dist. from wood buck edge	Min. dist. from substr. edge (ED)	Min. dist. from unit frame edge	Min. embedment	
			From corner	On center				Into buck/ concrete/stud	Into unit frame
Direct anchor (at sill only)	2x_ wood buck	Through the unit frame into the buck frame (S.G.=0.5 min): (1) #14 x 2 3/4" wood screw.	5½"	4½"	7/8"	-----	7/8"	1 ¼"	-----
	1x_ wood buck	Through the buck frame into the masonry: (1) 1/4" x 2 3/4" Elco or ITW Tapcon screw.	5½"	6"	1 "	2½"	1 "	1 ¼"	-----
		Through the buck frame into the metal stud (18 ga, 45 ksi min): (1) 1/4" x 2 3/4" Elco Drill-flex or ITW Tek's screw.	5½"	6"	1 "	1 "	1 "	Full*	-----
PDF-FS-05/D Installation bracket	2x_ wood buck	To the buck frame (S.G.=0.5 min): (2) #12 X 1 1/2" all threaded (a.T.) wood screws. Into unit frame: (2) # 10 x 1" a.T. wood screws.	5½"	11"	3/4"	-----	3/4"	1 ¼"	7/8"
	1x_ wood buck	Through buck frame into masonry: (1) 1/4" x 2 3/4" Elco or ITW Tapcon screw. Into unit frame: (2) #10 x 1" a.T. wood screws.	5½"	10 ½"	1 "	2½"	3/4"	1 ¼"	7/8"
		Through the buck frame into the metal stud (18 ga, 45 ksi min): (1) 1/4" x 2 3/4" Elco Drill-flex or ITW Tek's screw. Into the unit frame: (2) #10 x 1" a.T. wood screws.	5½"	10 ½"	1 "	1 "	3/4"	Full*	7/8"

* At metal studs, fastener threads must be fully engaged, with three threads minimum beyond the stud wall, for full embedment.



1855 GRIFFIN ROAD,
SUITE A-271
DANIA, FL 33004

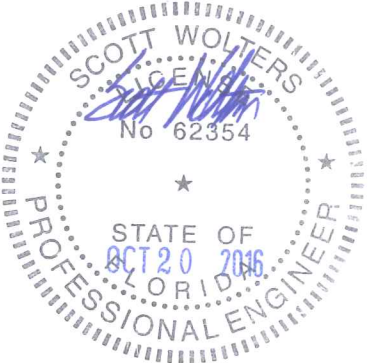
WINDOWS
OF EUROPE AND
THE AMERICAS

JS SERIES
WOOD FIXED WINDOWS
SASH OUTWARD

Drawing no.: JS-2-OUT	
Scale: NONE	Drawn by: S. Marcotte
Date drawn: 01/10/99	Date revised: 10/19/16
File: JS-2-OUT	Page: 1 / 12

STRUCTURALLY REVIEWED BY:

SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412



RECTANGULAR
FIXED UNITS

CONFIGURATIONS: O

MAX. FW & FH AS INDICATED

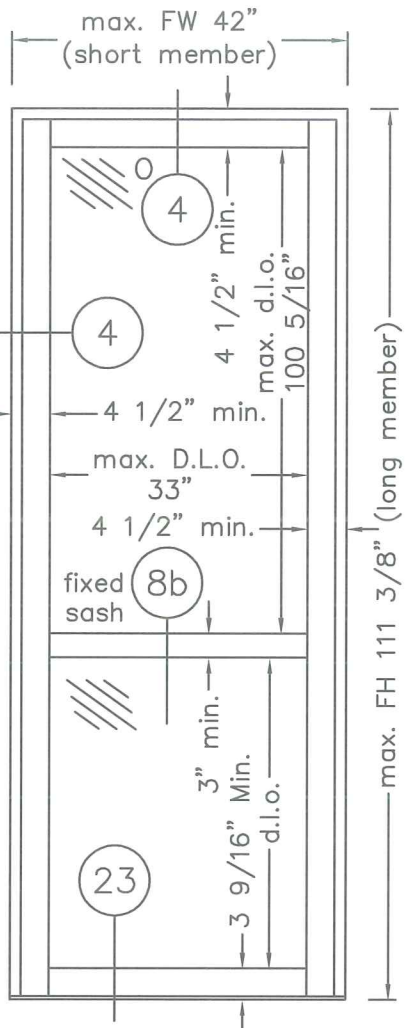
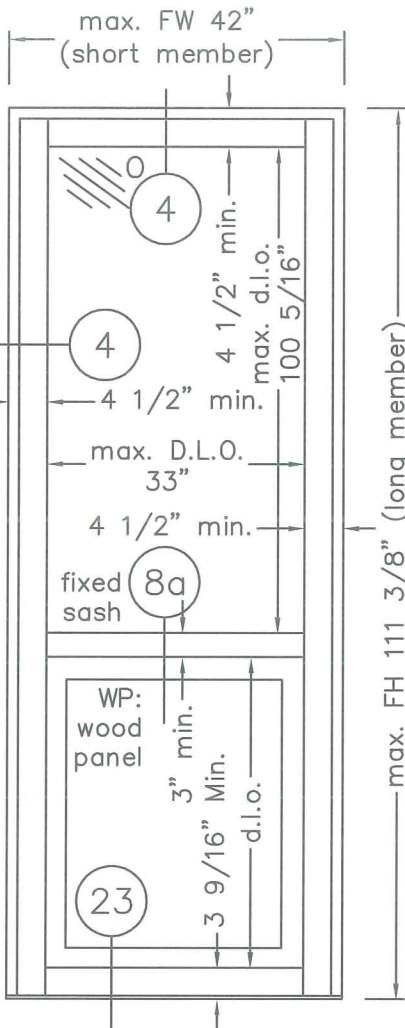
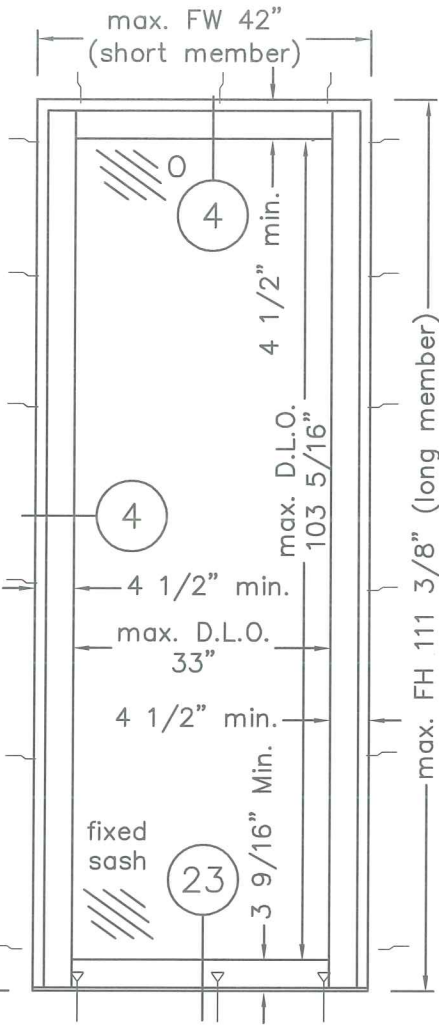
Information on this page applies to
cross sections 4 & 23 (sash
"outward") ALUMINUM
THRESHOLD ONLY

VIEWED FROM THE OUTSIDE
WOOD: Mahogany

DESIGN PRESSURE
Positive Pressure: +58 psf Negative Pressure -68 psf
maximum frame width (FW) and height (FH) as indicated NO SHUTTERS ARE REQUIRED.

See GENERAL
INSTALLATION INTO
SUBSTRATE chart
on sheet 1 for
dist. on centers

5 1/2"
max.



TYPE OF GLASS: SINGLE, 15/32" LAMINATED

For sizes shown on table 2, sheet 11:
TYPE 1, MADE OF:
3/16"(AN)-0.090" PVB Saflex III G interlayer
by Solutia-3/16"(HS)
For sizes over those on table 2:
TYPE 2, MADE OF:
3/16"(HS)-0.090" PVB Saflex III G interlayer
by Solutia-3/16"(HS)
OR TYPE 3, MADE OF:
3/16"(FT)-0.090" PVB Saflex III G interlayer
by Solutia-3/16"(FT)

WP: 1 3/4" RAISED WOOD PANEL
Solid Mahogany, MAX. D.L.O. AREA: 7.81 sqf.
See detail on sheet 9

See General Installation chart on Sheet 1 for
fastener information.

Shim Space: 3/8" MAX. @ head, jambs & sill.
Use std shims behind as required. Use 4 x
brackets at each end of an astragal meeting.



1855 GRIFFIN ROAD,
SUITE A-271
DANIA, FL 33004

JS SERIES
WOOD FIXED WINDOWS
SASH OUTWARD

Drawing no.: JS-2-OUT

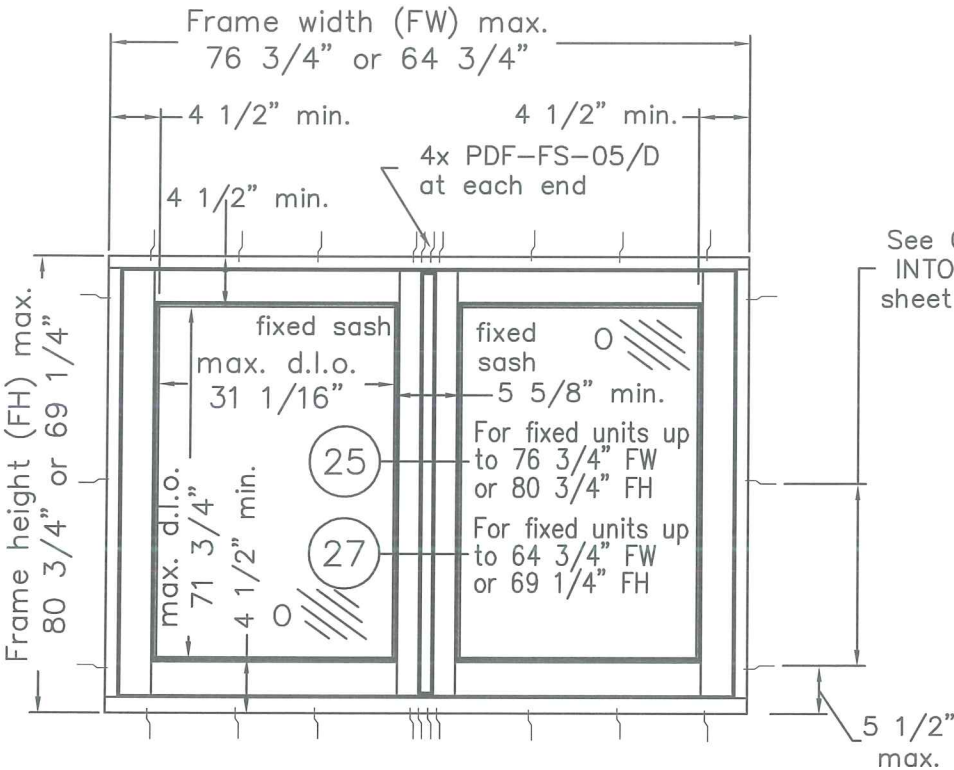
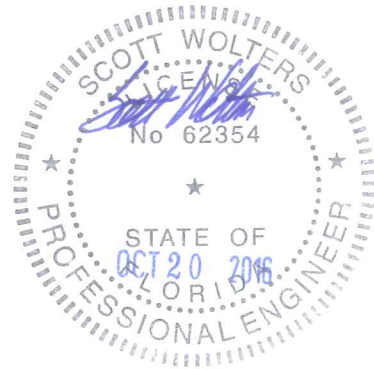
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Drawn by: S. Marcotte

Date drawn: 01/10/99
Date revised: 26/04/16

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Page: 2 / 12

STRUCTURALLY REVIEWED BY:

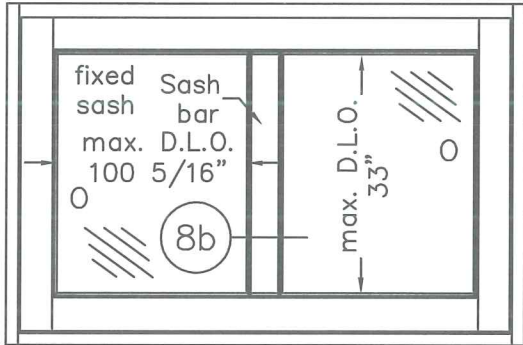
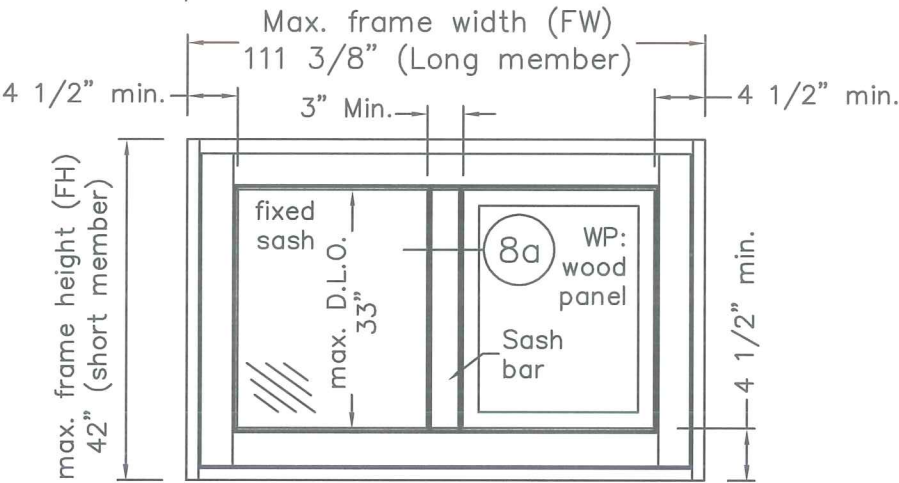
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WEST PALM BEACH, FL 33412



OPTIONAL: FIXED ASTRAGAL

See GENERAL INSTALLATION
INTO SUBSTRATE chart on
sheet 1 for dist. on centers

5 1/2"
max.



OPTIONAL: SASH BAR

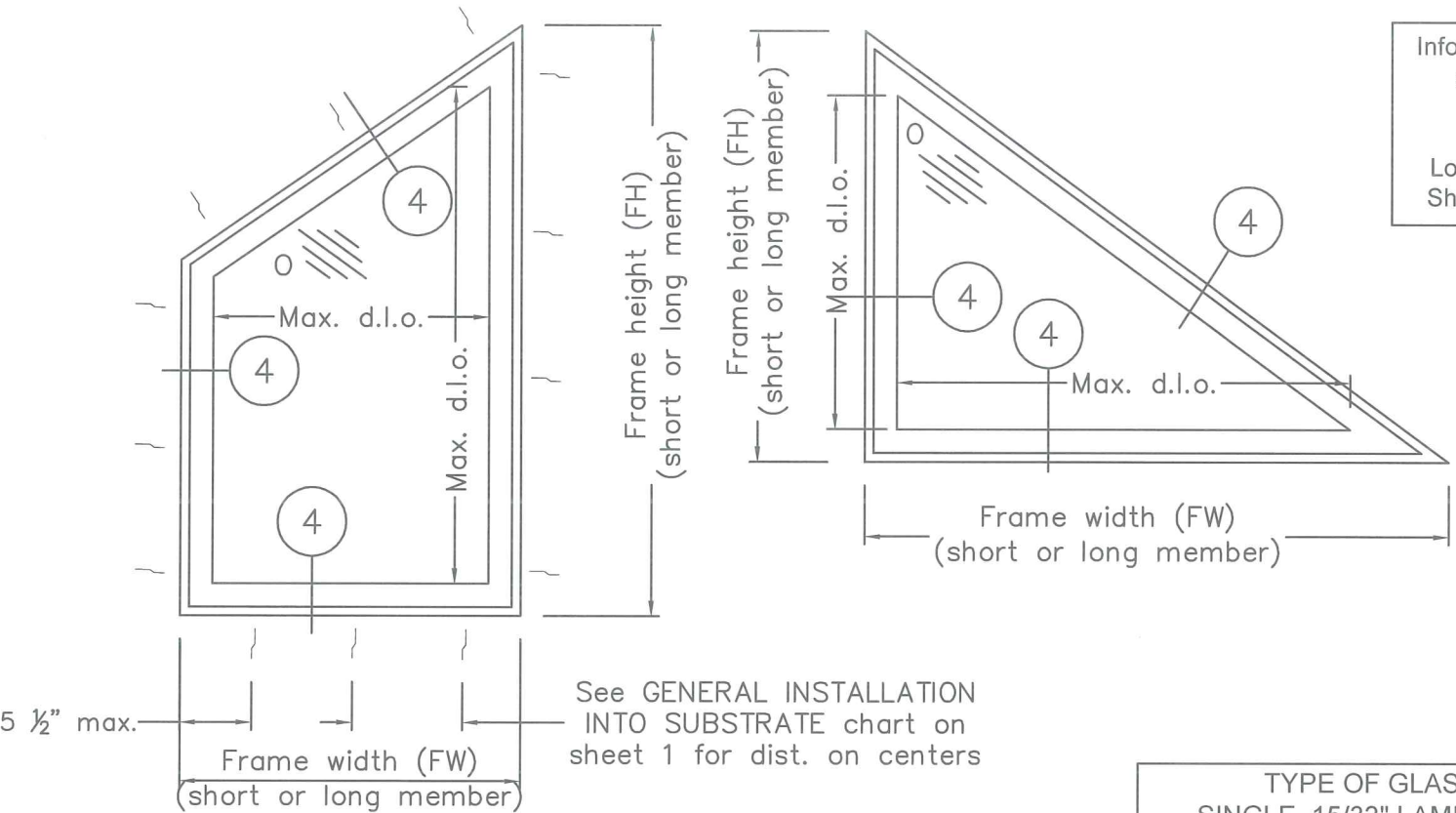
TRIANGULAR FIXED
SHAPES

CONFIGURATIONS: O

VIEWED FROM THE OUTSIDE
WOOD: Mahogany

DESIGN PRESSURE
Positive Pressure: +58 psf Negative Pressure -68 psf
NOTE: Refer to basic rectangles for minimum and maximum sizes width (FW) & height (FH) NO SHUTTERS ARE REQUIRED.

TO DETERMINE THE MAX. FW AND FH: SHAPES ON THIS PAGE MUST BE INSCRIBED INTO ANY ONE OF THE FOLLOWING BASIC RECTANGLES
42" (FW) x 111 3/8" (FH)
111 3/8" (FW) x 42" (FH)
72 7/16" (FW) x 72 7/16" (FH)



Information on this page applies to cross
section 4 (sash "outward") ONLY

Frame Size vs d.l.o. relation is:
Long d.l.o.= long frame dimension - 9"
Short d.l.o.=short Frame dimension- 9"

TYPE OF GLASS: SINGLE, 15/32" LAMINATED
The rectangular glass d.l.o. circumscribing the shaped unit must be taken and checked into table 2, sheet 11/12 For sizes shown on table 2, sheet 11: TYPE 1, MADE OF: 3/16" (AN) - 0.090" PVB Saflex III G interlayer by Solutia-3/16"(HS) For sizes over those on table 2: TYPE 2, MADE OF: 3/16"(HS) - 0.090" PVB Saflex III G interlayer by Solutia-3/16"(HS) OR TYPE 3, MADE OF: 3/16" (FT) - 0.090" PVB Saflex III G interlayer by Solutia-3/16"(FT)
WP: 1 3/4" RAISED WOOD PANEL
Solid Mahogany, MAX. D.L.O. AREA: 7.81 sqf. See detail on sheet 9

See General Installation chart on Sheet 1 for fastener information.

Shim Space: 3/8" MAX. @ head, jambs & sill.
Use std shims behind as required. Use 4 x brackets at each end of an astragal meeting.



1855 GRIFFIN ROAD,
SUITE A-271
DANIA, FL. 33004

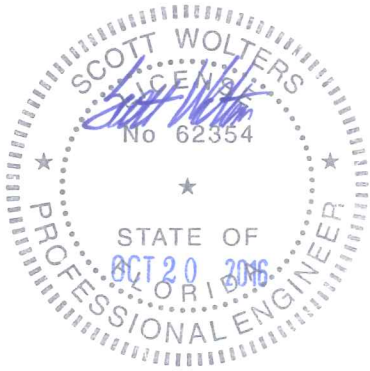
WINDOWS
OF EUROPE AND
THE AMERICAS

JS SERIES
WOOD FIXED WINDOWS
SASH OUTWARD

Drawing no.: JS-2-OUT	Drawn by: S. Marcotte
Scale: NONE	Date revised: 10/19/16
Date drawn: 01/10/99	Page: 3 / 12
File: JS-2-OUT	

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WEST PALM BEACH, FL 33412



ARCHED FIXED
 SHAPES

CONFIGURATIONS: O

VIEWED FROM THE OUTSIDE
 WOOD: Mahogany

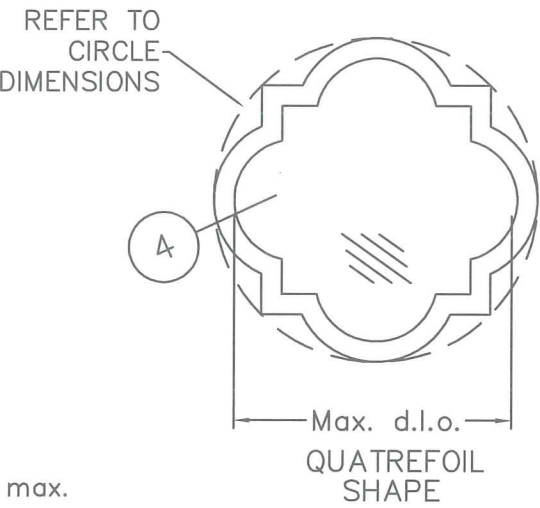
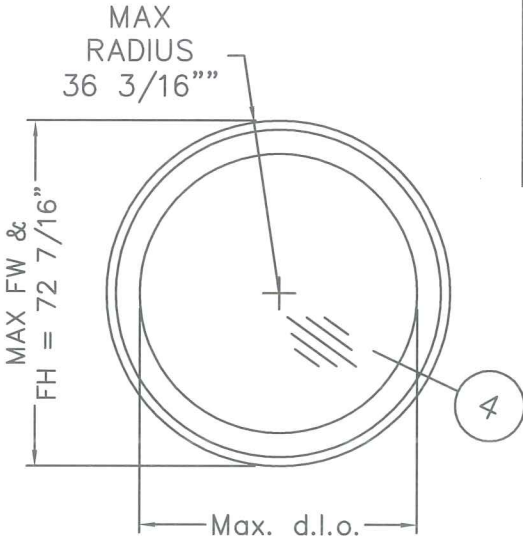
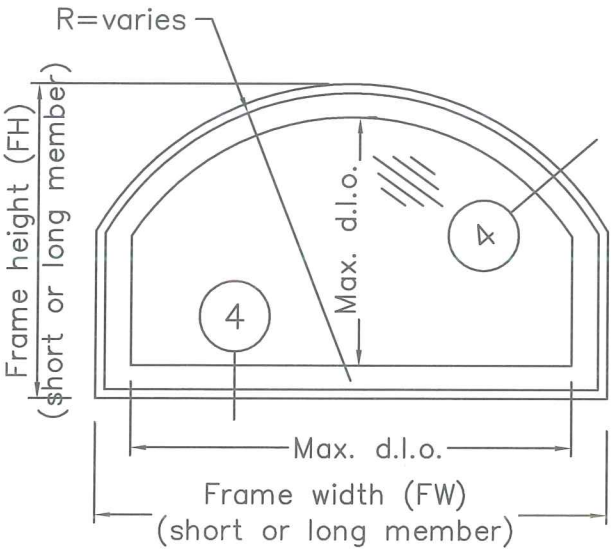
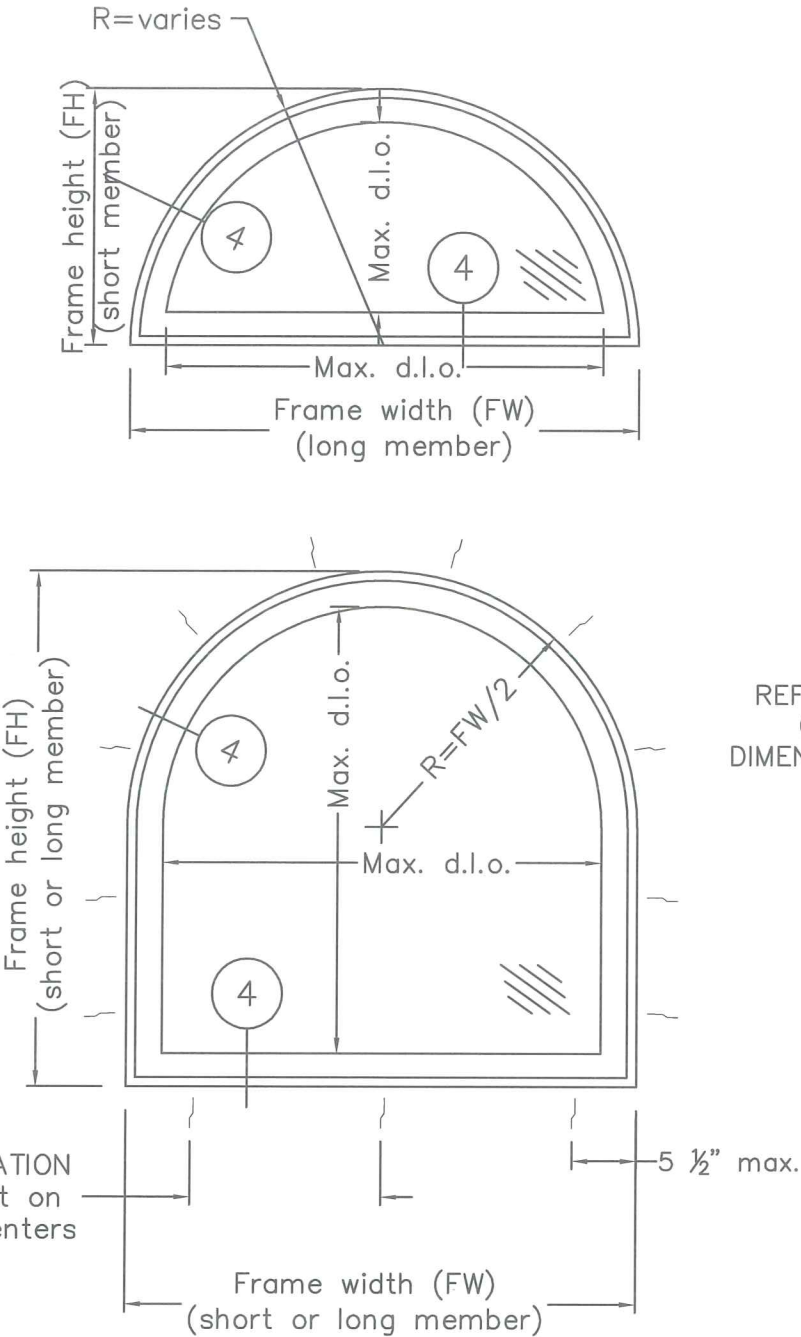
DESIGN PRESSURE
Positive Pressure: +58 psf
Negative Pressure -68 psf
NOTE: Refer to basic rectangles for minimum and maximum sizes width (FW) & height (FH)
NO SHUTTERS ARE REQUIRED.

TO DETERMINE THE MAX. FW AND FH: SHAPES ON THIS PAGE MUST BE INSCRIBED INTO ANY ONE OF THE FOLLOWING BASIC RECTANGLES
42" (FW) x 111 3/8" (FH)
111 3/8" (FW) x 42" (FH)
72 7/16" (FW) x 72 7/16" (FH)
76 3/4" (FW) x 58 1/2" (FH)

See GENERAL INSTALLATION
 INTO SUBSTRATE chart on
 sheet 1 for dist. on centers

See General Installation chart on Sheet 1 for
 fastener information.

Shim Space: 3/8" MAX. @ head, jambs & sill.
 Use std shims behind as required. Use 4 x
 brackets at each end of an astragal meeting.



Information on this page applies to cross
 section 4 (sash "outward") ONLY

Frame Size vs d.l.o. relation is:
 Long d.l.o.= long frame dimension - 9"
 Short d.l.o.=short Frame dimension- 9"

TYPE OF GLASS:
SINGLE, 15/32" LAMINATED
The rectangular glass d.l.o. circumscribing the shaped unit must be taken and checked into table 2, sheet 11/12
For sizes shown on table 2, sheet 11:
TYPE 1, MADE OF: 3/16" (AN) - 0.090" PVB Saflex III G interlayer by Solutia-/16"(HS)
For sizes over those on table 2:
TYPE 2, MADE OF: 3/16"(HS) - 0.090" PVB Saflex III G interlayer by Solutia-3/16"(HS)
OR
TYPE 3, MADE OF: 3/16" (FT) - 0.090" PVB Saflex III G interlayer by Solutia-3/16"(FT)
WP: 1 3/4" RAISED WOOD PANEL
Solid Mahogany, MAX. D.L.O. AREA: 7.81 sqf. See detail on sheet 9

1855 GRIFFIN ROAD,
 SUITE A-271
 DANIA, FL 33004

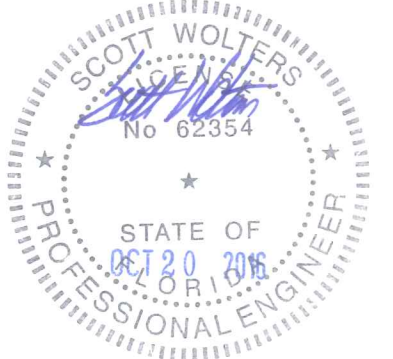
WINDOWS
 OF EUROPE AND
 THE AMERICAS

JS SERIES
 WOOD FIXED WINDOWS
 SASH OUTWARD

Drawing no.: JS-2-OUT
Scale: NONE
Drawn by: S. Marcotte
Date drawn: 01/10/99
Date revised: 10/19/16
File: JS-2-OUT
Page: 4 / 12

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OVAL FIXED SHAPES

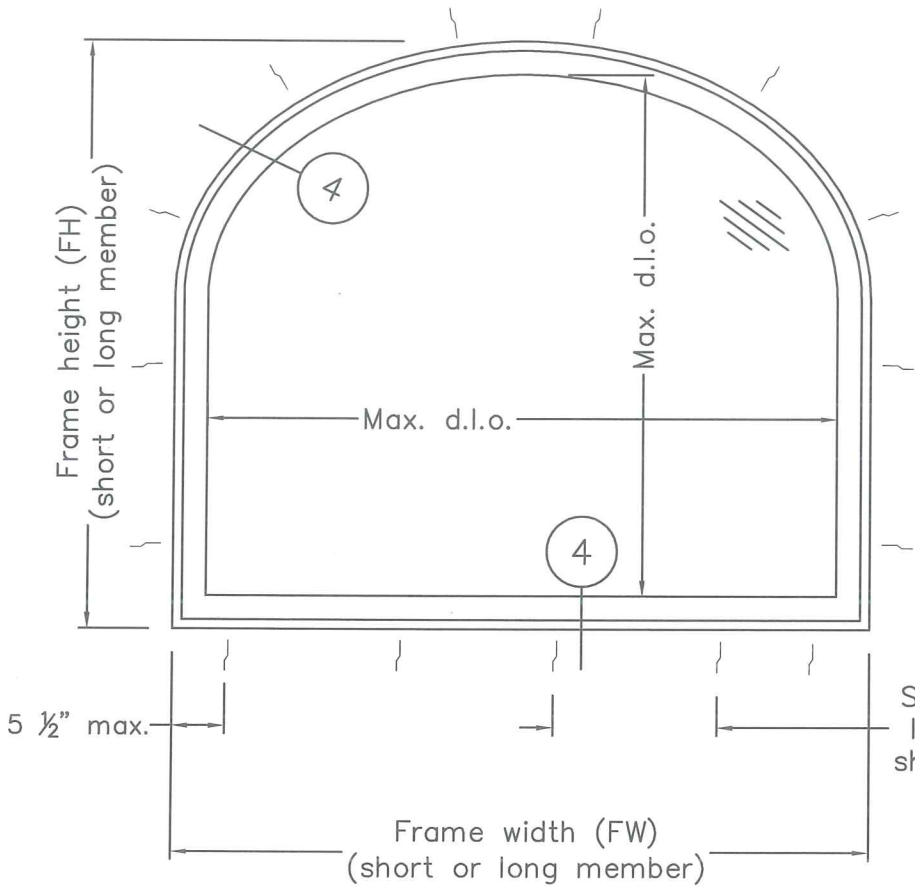
CONFIGURATIONS: O

VIEWED FROM THE OUTSIDE
 WOOD: Mahogany

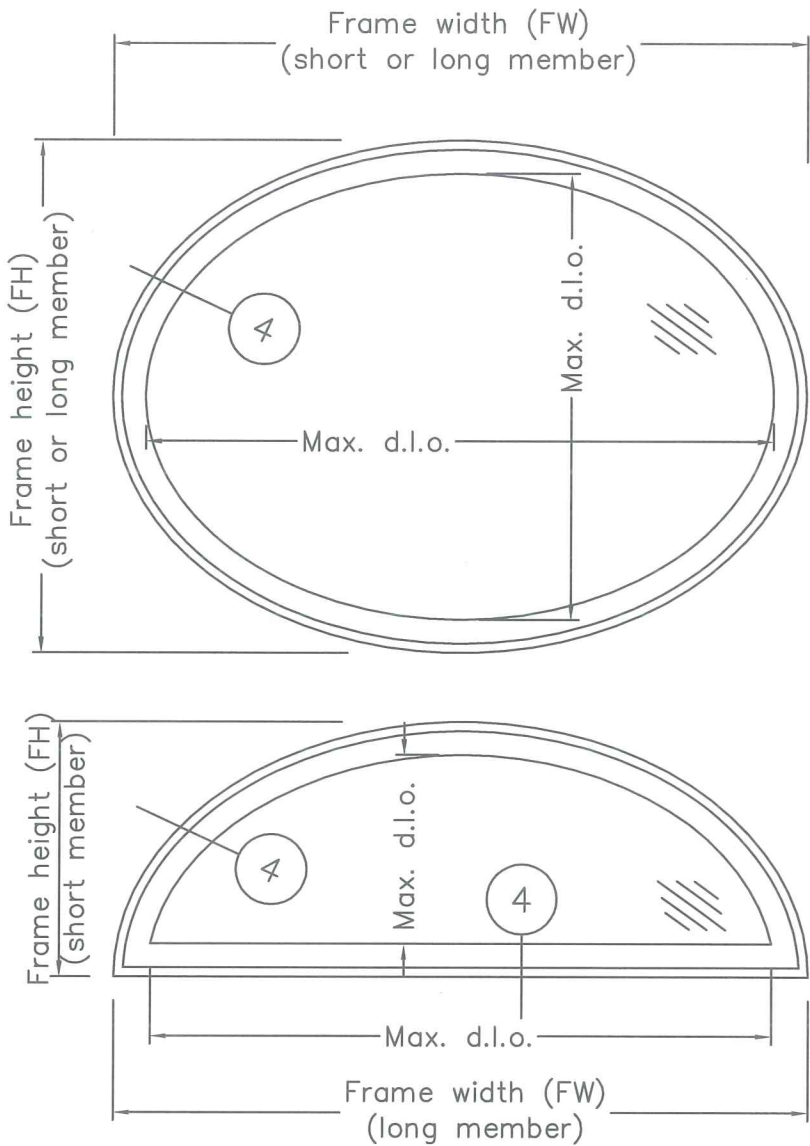
DESIGN PRESSURE
Positive Pressure: +58 psf Negative Pressure -68 psf
NOTE: Refer to basic rectangles for minimum and maximum sizes width (FW) & height (FH) NO SHUTTERS ARE REQUIRED.

TO DETERMINE THE MAX. FW AND FH: SHAPES ON THIS PAGE MUST BE INSCRIBED INTO ANY ONE OF THE FOLLOWING BASIC RECTANGLES
42" (FW) x 111 3/8" (FH)
111 3/8" (FW) x 42" (FH)
72 7/16" (FW) x 72 7/16" (FH)
76 3/4" (FW) x 58 1/2" (FH)

See General Installation chart on Sheet 1 for fastener information.
Shim Space: 3/8" MAX. @ head, jams & sill. Use std shims behind as required. Use 4 x brackets at each end of an astragal meeting.



See GENERAL INSTALLATION INTO SUBSTRATE chart on sheet 1 for dist. on centers



TYPE OF GLASS: SINGLE, 15/32" LAMINATED
The rectangular glass d.l.o. circumscribing the shaped unit must be taken and checked into table 2, sheet 11/12 For sizes shown on table 2, sheet 11: TYPE 1, MADE OF: 3/16" (AN) - 0.090" PVB Saflex III G interlayer by Solutia-/16"(HS) For sizes over those on table 2: TYPE 2, MADE OF: 3/16"(HS) - 0.090" PVB Saflex III G interlayer by Solutia-3/16"(HS) OR TYPE 3, MADE OF: 3/16" (FT) - 0.090" PVB Saflex III G interlayer by Solutia-3/16"(FT)
WP: 1 3/4" RAISED WOOD PANEL
Solid Mahogany, MAX. D.L.O. AREA: 7.81 sqf. See detail on sheet 9

Information on this page applies to cross section 4 (sash "outward") ONLY

Frame Size vs d.l.o. relation is:
 Long d.l.o.= long frame dimension - 9"
 Short d.l.o.=short Frame dimension- 9"



1855 GRIFFIN ROAD,
 SUITE A-271
 DANIA, FL 33004

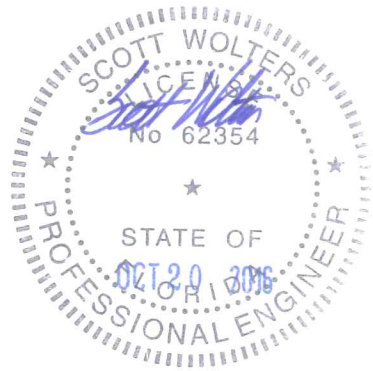
WINDOWS
OF EUROPE AND THE AMERICAS

JS SERIES
 WOOD FIXED WINDOWS
 SASH OUTWARD

Drawing no.: JS-2-OUT	
Scale: NONE	Drawn by: S. Marcotte
Date drawn: 01/10/99	Date revised: 10/19/16
File: JS-2-OUT	Page: 5 / 12

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 WOLTERS ENGINEERING, INC.
 (COA# 27194)
 15211 97TH ROAD N
 WEST PALM BEACH, FL 33412



JS SERIES WOOD FIXED WINDOWS SASH OUTWARD

Drawing no.: JS-2-OUT

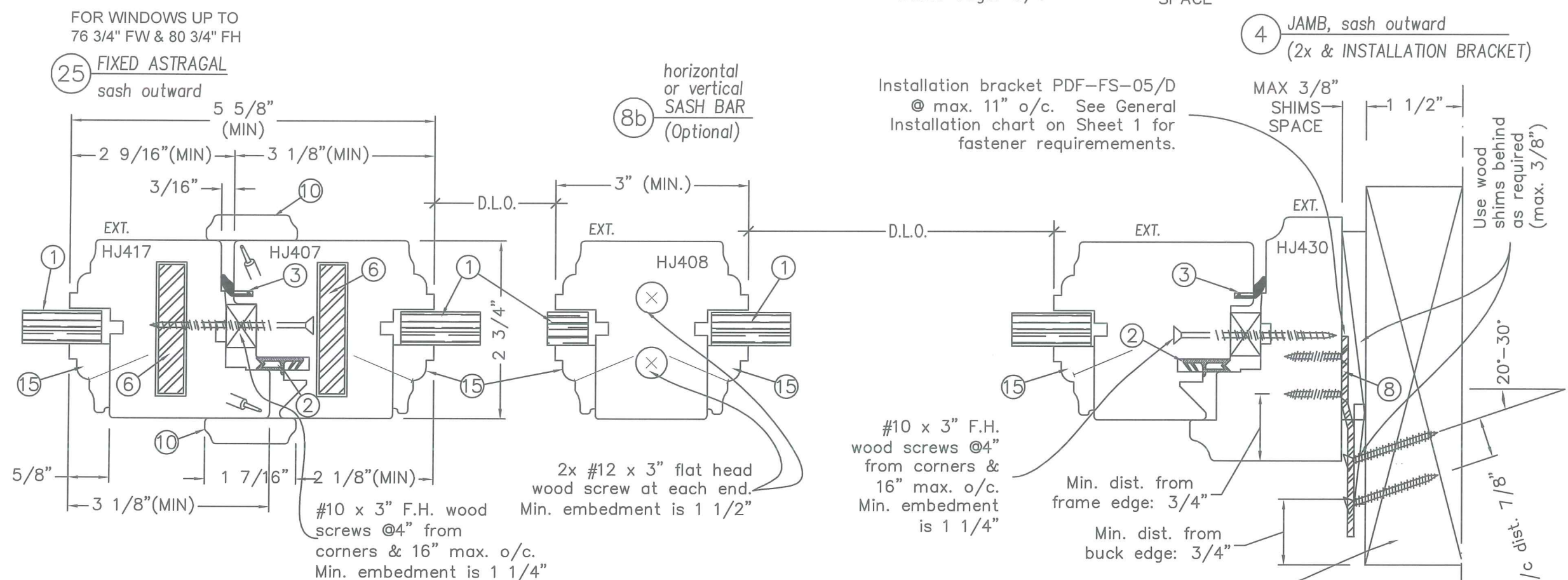
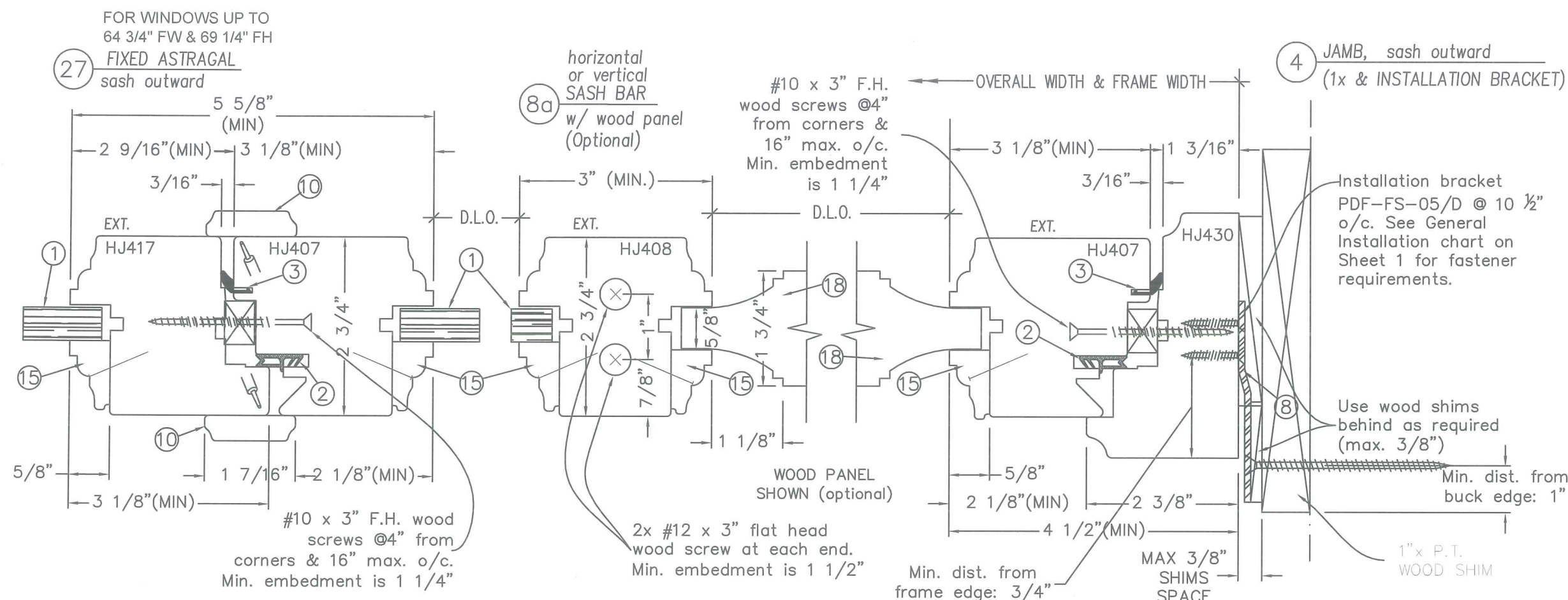
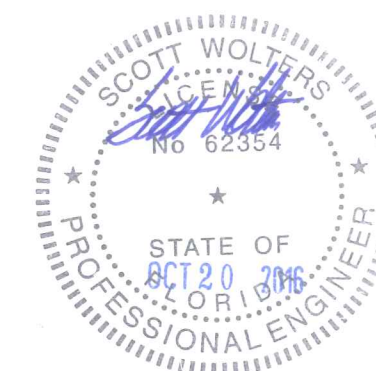
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Drawn by: S. Marcotte

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Date revised: 10/19/16

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Page: 6 / 12

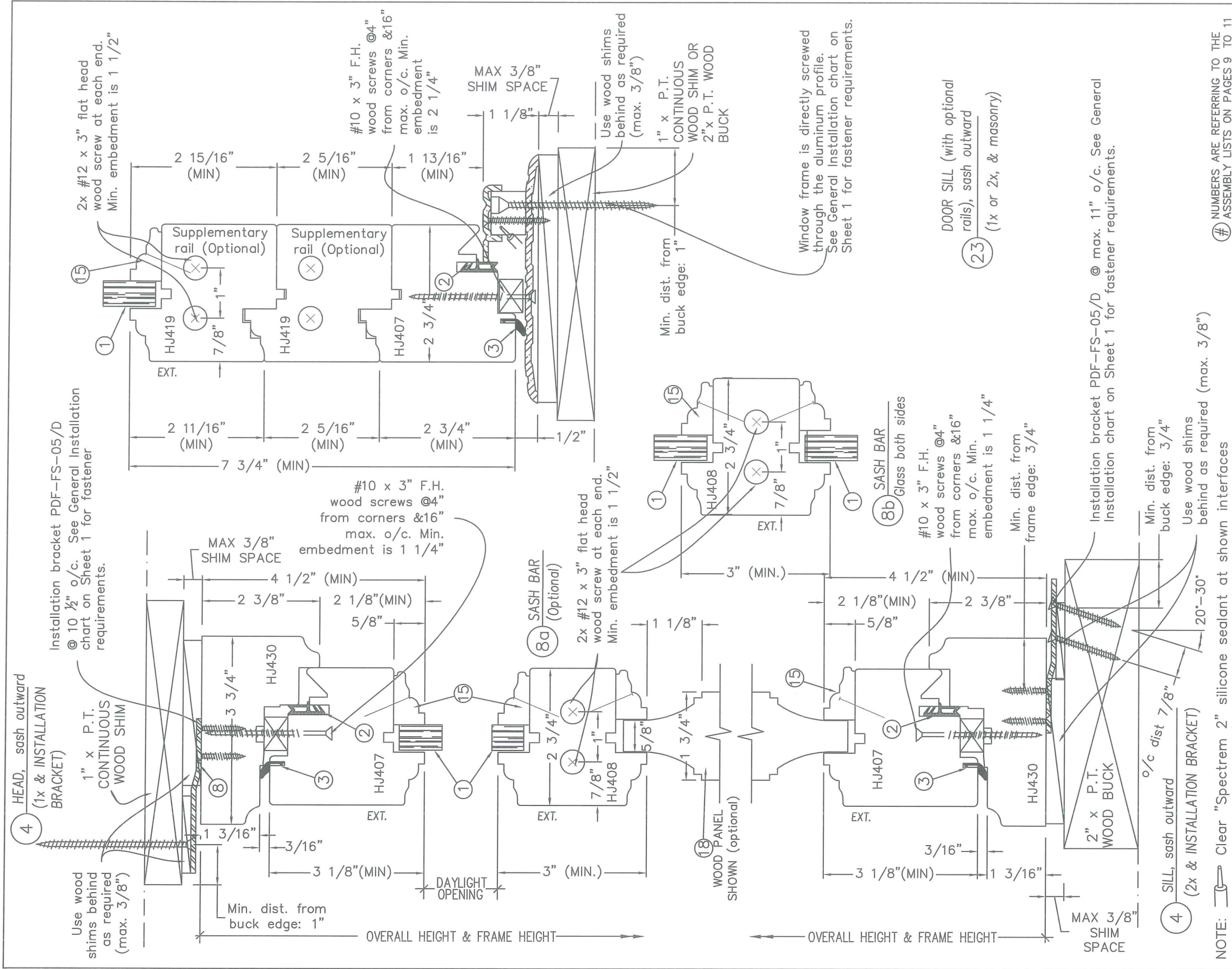
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(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412



NOTE: Clear "Spectrem 2" silicone sealant at shown interfaces

NUMBERS ARE REFERRING TO THE ASSEMBLY LISTS ON PAGES 9 TO 11



JS SERIES
WOOD FIXED WINDOWS
SASH OUTWARD

Drawing no.: JS-2-OUT	
Scale: NONE	Drawn by: S. Marcotte
Date drawn: 01/10/99	Date revised: 10/19/16
File: JS-2-OUT	Page: 7 / 12

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WEST PALM BEACH, FL 33412



NUMBERS ARE REFERRING TO THE ASSEMBLY LISTS ON PAGES 9 TO 11

NOTE: Clear "Spectrum 2" silicone sealant at shown interfaces



1855 GRIFFIN ROAD,
SUITE A-271
DANIA, FL 33004

JS SERIES WOOD FIXED WINDOWS SASH OUTWARD

Drawing no.: JS-2-OUT

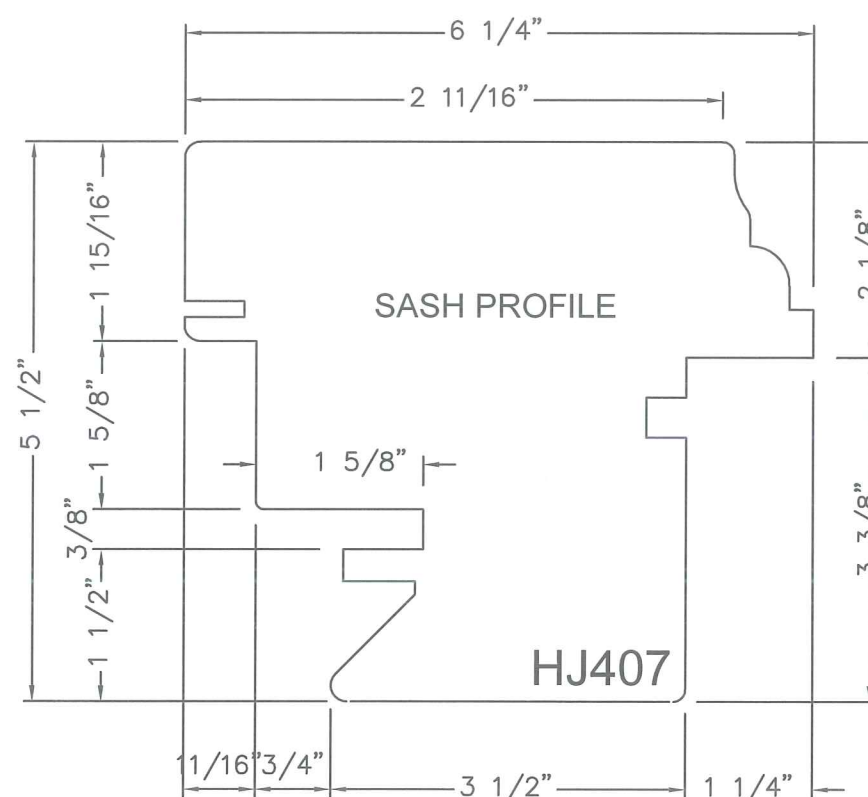
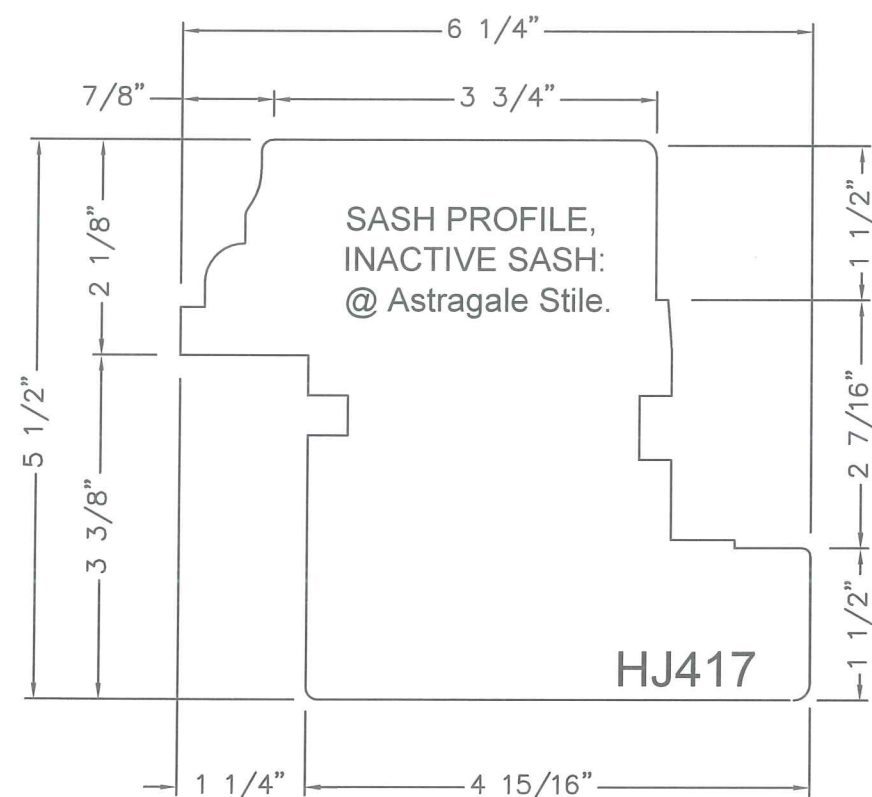
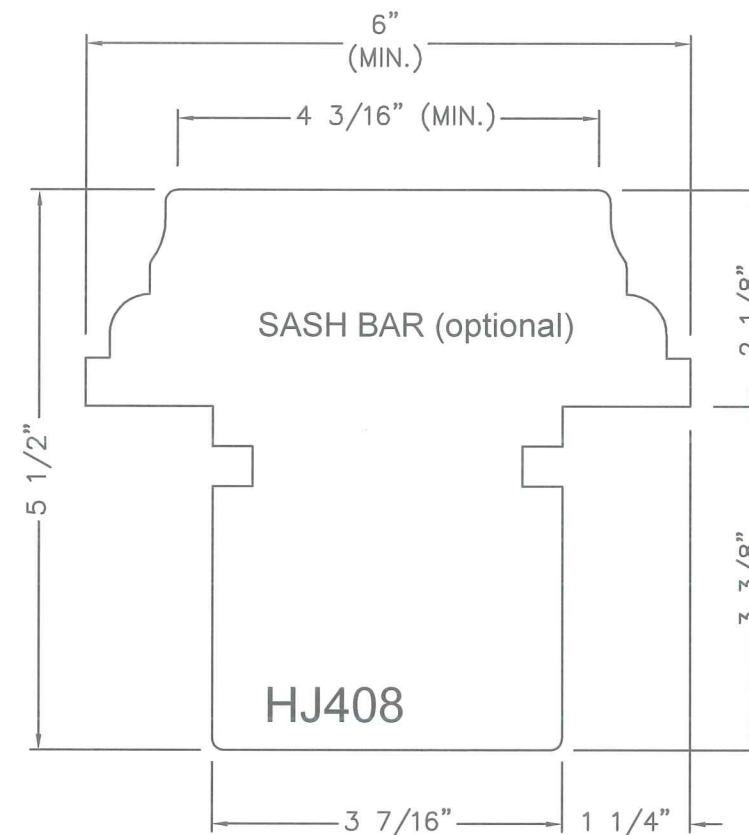
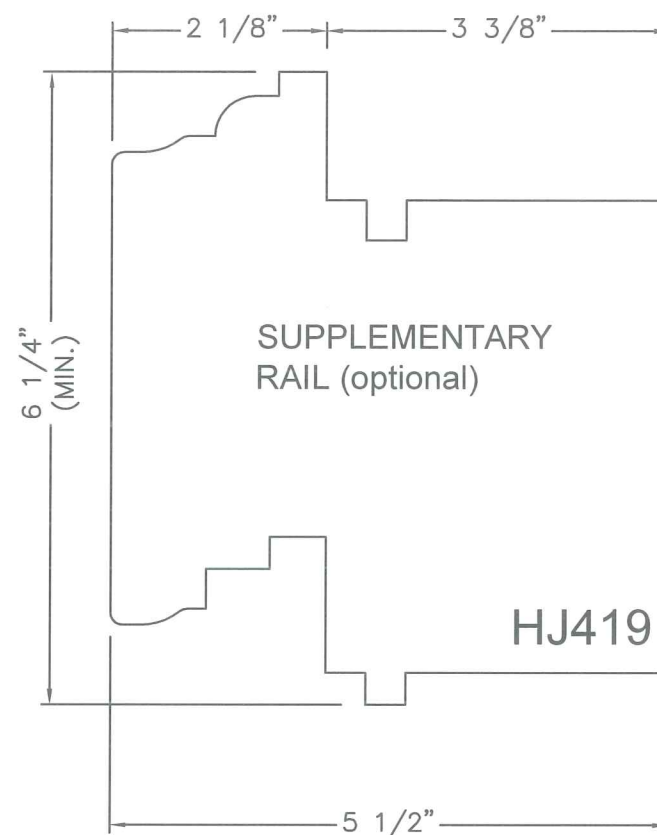
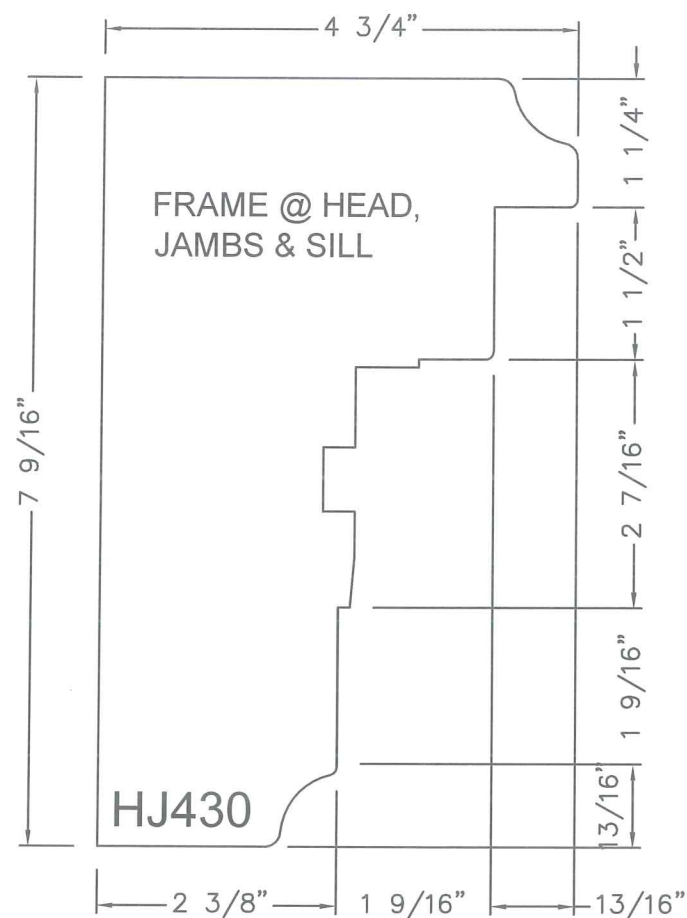
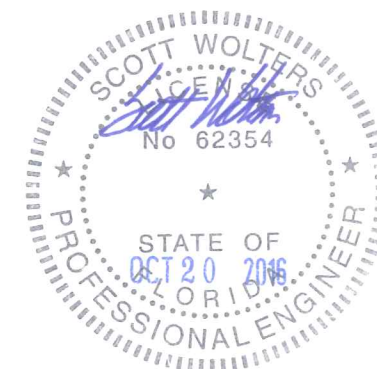
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Drawn by: S. Marcotte

Date drawn: 01/10/99
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File: JS-2-OUT
Page: 8 / 12

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WOLTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412



WOOD PROFILES

JS SERIES
WOOD FIXED WINDOWS
SASH OUTWARD

Drawing no.: JS-2-OUT

Scale:
NONE

Drawn by:
S. Marcotte

Date drawn:
01/10/99

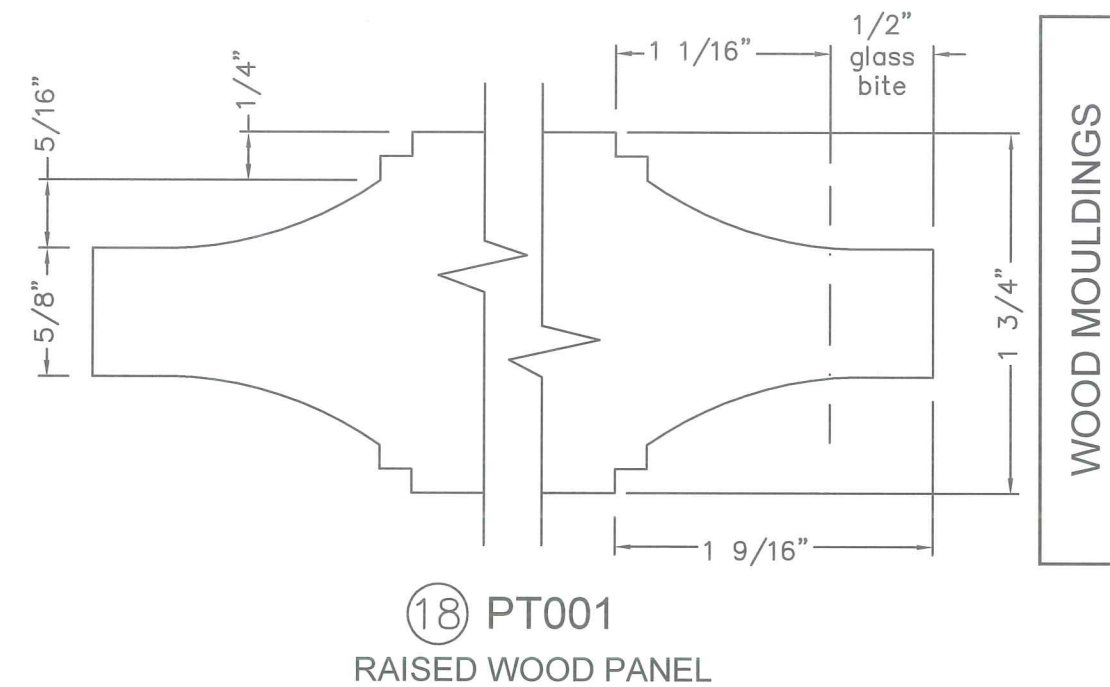
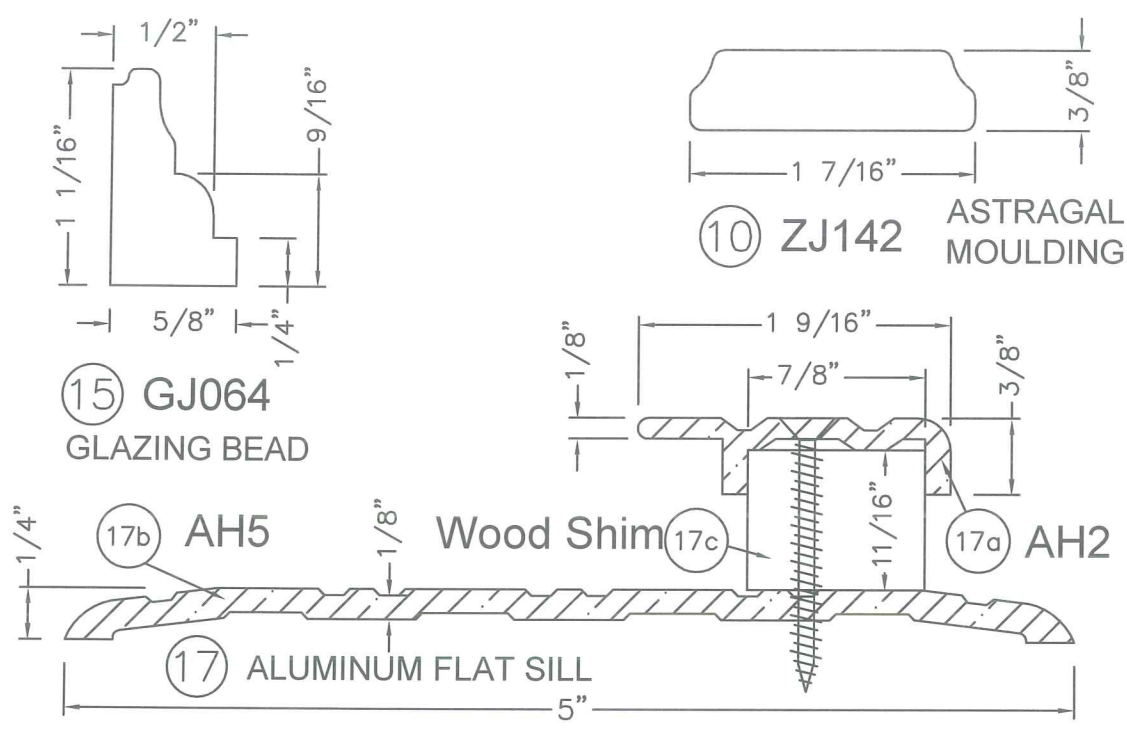
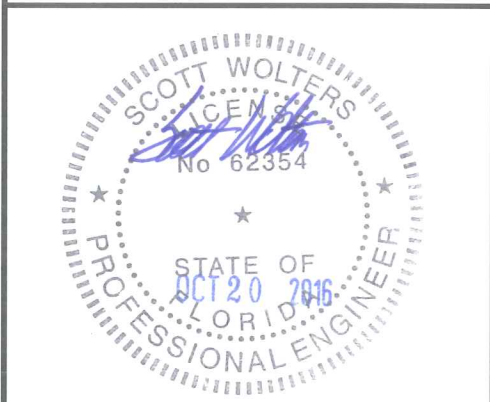
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JS-2-OUT

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9 / 12

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15211 97TH ROAD N
WEST PALM BEACH, FL 33412

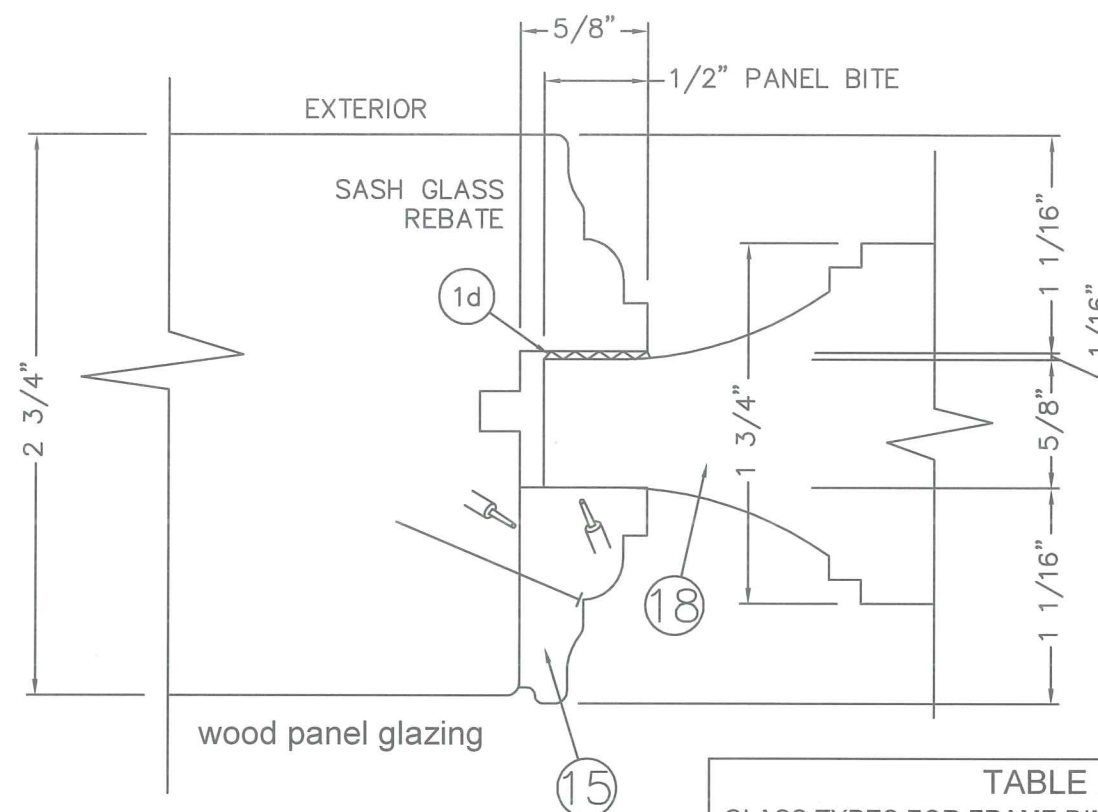
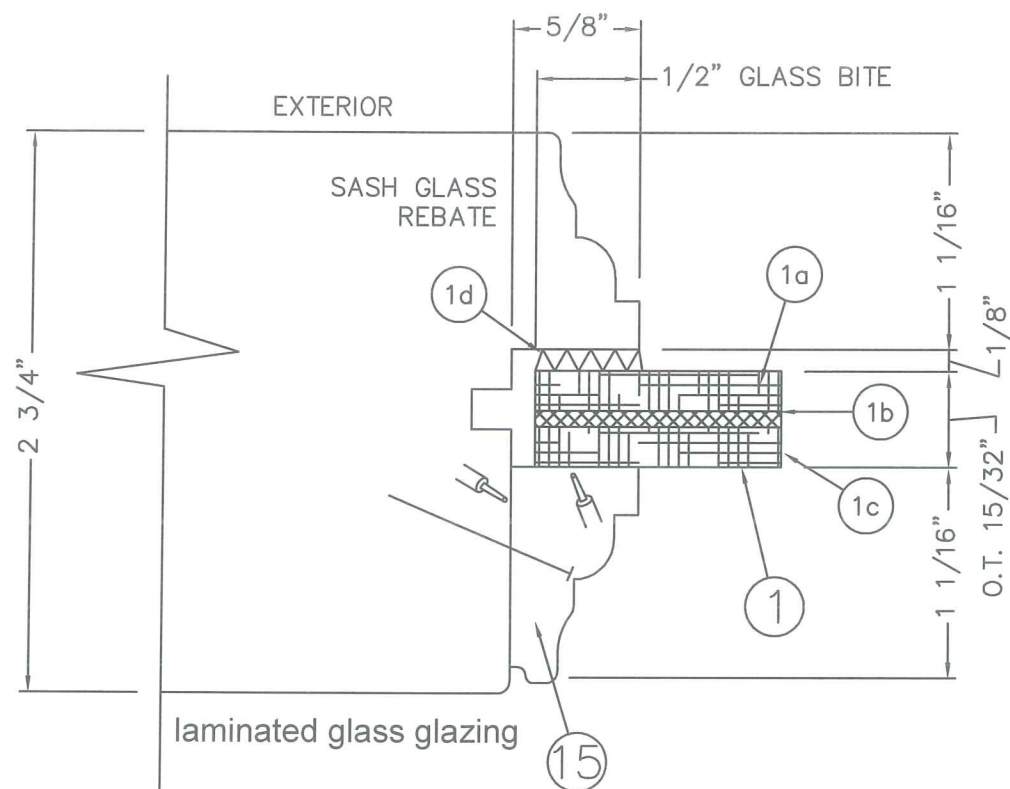


BILL OF MATERIALS (see also related cross sections details)

REF.	QTY	Component	DESCRIPTION	MATERIAL	DIMENSIONS	MEAN OF ATTACHMENT	LOCATION
10	2 per astragal meeting	Astragal moulding	ZJ142 astragal wood cover. Square cut at the ends.	Mahogany*	3/8"(d) x 1 7/16"(w) x sash height	18 gauge, 5/8" galvanized finishing nails spaced 16" o/c.	SASH OUTWARD: One nailed on the interior face of the passive sash & one nailed on the exterior face of the active sash.
15	1 per glass edge	Glazing bead	GJ064 wood profile, mitre cut at corners.	Mahogany*	1 1/16"(d) x 5/8"(w)	18 gauge, 1" finishing nails spaced 2" from the corners and 10" o/c	@ the perimeter of the glass or wood panel; Nailed through the glazing bead to the sash profile. SEE ALSO "GLAZING METHOD", sheet 11/12
17a	1 per door sill	Flat saddle	AH5 aluminum profile	Alu. alloy 6063-T5	1/4"(h)x 5"(d) x 1/8"(t)	2x #12 x 2" F.H. screw	Door frame sill. Screwed @ both ends into the unit frame jambs. Square cut @ ends. See " Aluminum flat sill assembly" on sheet 12 / 12
17b	1 per door sill	Stopper	AH2 aluminum profile	Alu. alloy 6063-T5	3/8"(h) x 1 9/16"(d) x 1/8"	#12 x 1 1/4" flat head screws	Door frame sill. Screws spacing is 14" o/c. Butt joint against the frame jambs @ both ends.
17c	1 per door sill	Shim	Continuous wood shim	Mahogany*	7/8"(d) x 11/16"(h)	See AH2 screw.	Door frame sill. Screws spacing is 14" o/c. Butt joint against the frame jambs @ both ends.
18	One	Wood panel	Raised wood panel: 5/8"(t) @ flanges, 1 3/4"(t) @ center.	Mahogany*	1" wider & higher than glass opening.	Dow Corning 995 structural silicone at the perimeter;	Where indicated as WP (WOOD PANEL) on elevations

* Mahogany is Honduran Mahogany, with S.G.=0.45 (min) and E=1.4x10⁶ psi (min).

Ⓝ REF. NUMBERS ARE RELATED TO THOSE USED ON CROSS SECTIONS DRAWINGS



GLAZING METHOD (inside glazed)

BILL OF MATERIALS

REF.	Component	DESCRIPTION	MEAN OF ATTACHMENT	LOCATION
①	Impact Glass, see components 1a,1b,1c	15/32" (t) Laminated glass (3/8" [10mm] designation)	See components 1d, and 15	As indicated on elevations drawings by the symbol.
1a	Exterior glass sheet	3/16" (t) (5mm) as following: >Type 1: Annealed glass for d.l.o. dimensions on table 3 >Type 2: Heat strengthened glass for d.l.o. dimensions exceeding those into table 3	See components 1b: PVB interlayer	Exterior side
1b	Saflex III G PVB interlayer by Solutia	Saflex III G 0.090" (t) PVB plastic film by Solutia , per current approval	2 sides adhesive film	Between the interior and the exterior sheets of glass
1c	Interior glass sheet	3/16" (t) (5mm) heat strengthened glass	See components 1b: PVB interlayer	Interior side (glazing bead side)
1d	Structural silicone	Dow Corning 995 black silicone	1/8"(t) x 1/2"(w) bonding extrusion	Continuous extrusion between the wood back fence & the exterior sheet edge of the laminated glass or wood panel.
15	Glazing bead	GJ064 wood profile (5/8"(t) x 1 1/16"(d)	18 gauge, 1" finishing nails spaced 2" from the corners and 10" o/c	@ the perimeter of the glass.
18	Wood panel	Mahogany, raised: 5/8"(t) @ flanges, 1 3/4"(t) @ center; Max. d.l.o. area up to 7.81 sqf	See components 1d, and 15	As indicated on elevation drawings.

Clear "Spectrem 2" silicone sealant at shown interfaces

REF. NUMBERS ARE RELATED TO THOSE USED ON CROSS SECTIONS DRAWINGS

TABLE 2

GLASS TYPES FOR FRAME DIMENSIONS OF TABLE 1 OR FOR BASIC RECTANGLES GIVEN ON SHEETS 2, 3, 4 AND 5 OF THIS DRAWING

If, for a given long member d.l.o., the actual short member daylight opening exceeds the maximum dimension indicated on table 2, then

TYPE 2 heat strenghtened laminated glass
[3/16" HS - .09" PVB interlayer, Saflex IIIG by Solutia - 3/16" HS]

OR TYPE 3 full tempered laminated glass
[3/16" FT - .09" PVB interlayer, Saflex IIIG by Solutia - 3/16" FT]

MUST BE USED

Maximum daylight opening for type 1 laminated glass
[3/16" AN - .090" PVB interlayer by Solutia - 3/16" HS]

Given Long member d.l.o. up to (in.)	Max. short member d.l.o. (in.)	Given Long member d.l.o. up to (in.)	Max. short member d.l.o. (in.)
47 1/4	47.244	90 1/2	28.150
51	41.339	94 1/2	27.953
55	38.386	98 1/2	27.559
59	36.220	102 1/4	27.362
63	34.055	106 1/4	26.969
66	32.480	110 1/4	26.772
70 3/4	31.496	114	26.575
74 3/4	30.512	118	26.378
78 3/4	29.528	122	26.220
82 1/2	28.937	126	26.102
86 1/2	28.543	130	25.984



1855 GRIFFIN ROAD,
SUITE A-271
DANIA, FL 33004

JS SERIES WOOD FIXED WINDOWS SASH OUTWARD

Drawing no.: JS-2-OUT

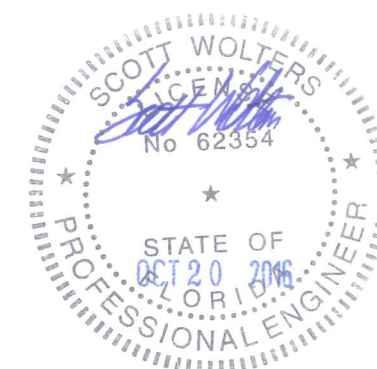
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Drawn by: S. Marcotte

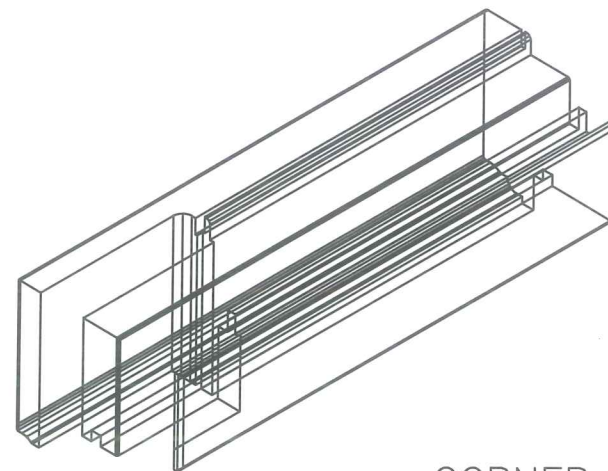
Date drawn: 01/10/99
Date revised: 10/19/16

File: JS-2-OUT
Page: 11 / 12

STRUCTURALLY REVIEWED BY:

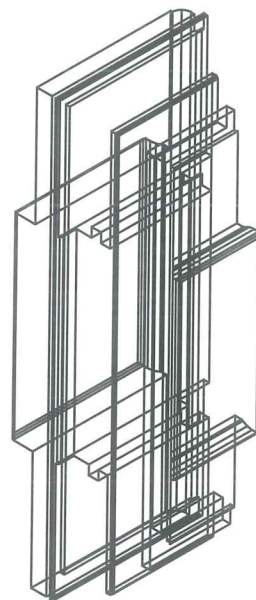
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412





TYPE OF GLUE:
RESIBOIS 222 no 30222-01 TYPE 1
EXTERIOR GLUE FOR WOOD

CORNER
ASSEMBLY
(MULTI-FORK)



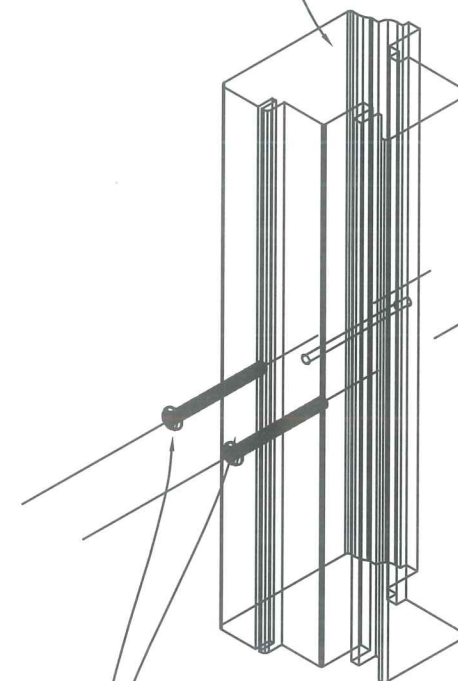
FRAME JAMB

ALUMINUM FLAT
SILL ASSEMBLY



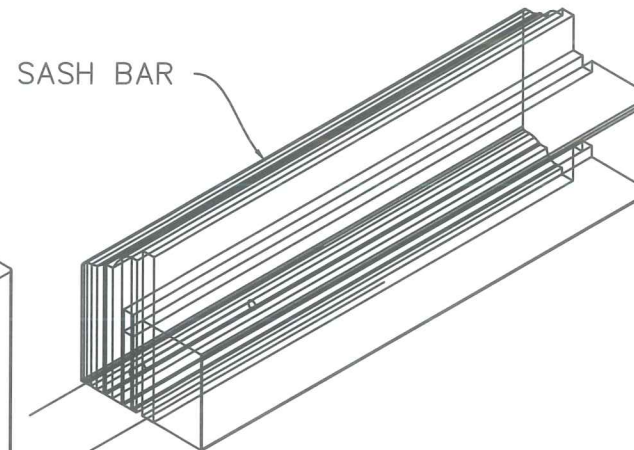
#12 x 2" WOOD SCREWS
Embedment is 1 3/4"

SASH FRAME



2x #12 x 3" WOOD
SCREWS AT EACH END
MIN. EMBEDMENT IS 1 1/2"

SASH BAR



horizontal
or vertical
SASH BAR
ASSEMBLY



1855 GRIFFIN ROAD,
SUITE A-271
DANIA, FL 33004

JS SERIES WOOD FIXED WINDOWS SASH OUTWARD

Drawing no.: JS-2-OUT

Scale: NONE	Drawn by: S. Marcotte
Date drawn: 01/10/99	Date revised: 10/19/16
File: JS-2-OUT	Page: 12 / 12

STRUCTURALLY REVIEWED BY:

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