

LA FINESTRA, LC
SERIES: EKU 53 OUTSWING FRENCH DOOR
LARGE MISSILE IMPACT RESISTANT

GENERAL NOTES

THIS SYSTEM HAS BEEN DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE AS DESCRIBED IN THE FLORIDA BUILDING CODE 7TH EDITION. (2020)

THIS WINDOW SYSTEM HAS BEEN TESTED, ENGINEERED AND
APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE
SHOWN IN SCHEDULE.

BUCK, OPENING & BUCK FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND WIND LOADS FOR EACH APPLICATION. THE DESIGN & ENGINEERING OF BUCKS SHALL BE PROVIDED BY "THE ENGINEER OF RECORD"

BUCK FASTENERS MAY NOT EXCEED 16" O.C. SPACING
AROUND OPENINGS.

THE SYSTEM SHOWN HEREIN WAS TESTED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS TAS-201, 202 & 203.

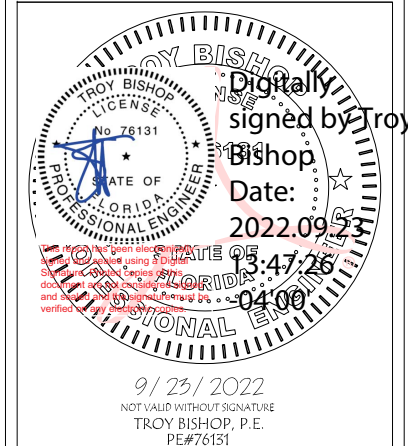
ONE-THIRD INCREASE IN ALLOWABLE MATERIAL STRESS
LIMITS FOR SHORT DURATION WIND LOAD NOT USED IN THE
DESIGN CALCULATIONS.
EXCEPT 1.6 WINDLOAD FACTOR FOR WOOD.

SHEET INDEX	
# SHEET	DESCRIPTION
1	COVER SHEET
2	ELEVATIONS
3	ELEVATIONS
4	ANCHORING SECTIONS
5	ANCHORING SECTIONS
6	ANCHORING SECTIONS
7	PROFILE COMBINATIONS
8	PROFILE COMBINATIONS
9	LOADING TABLES
10	FRAME ASSEMBLY
11	EXTRUSIONS
12	BILL OF MATERIALS
12	TOTAL

FL #21897.1

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SERIES EKV 53 OUTSWING
FRENCH DOOR
LA FINESTRA, INC.
2790 NW 104TH COURT
DORAL, FL
FL #21897.1



PROJECT NO.	J22071
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1

PER TAS 201 & ASTM E1996

PER TAS 201 & ASTM E1996

PER TAS 203 & ASTM E1886

PER TAS 202 & ASTM E330

NO WATER

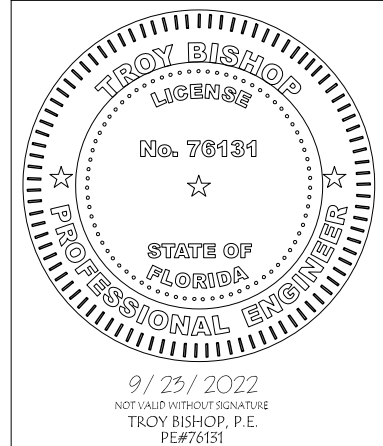


1. ARCH TOP DOOR 144":
(5) INDIVIDUALS PAIRS OR (4) CLUSTERS OF 2 PAIRS

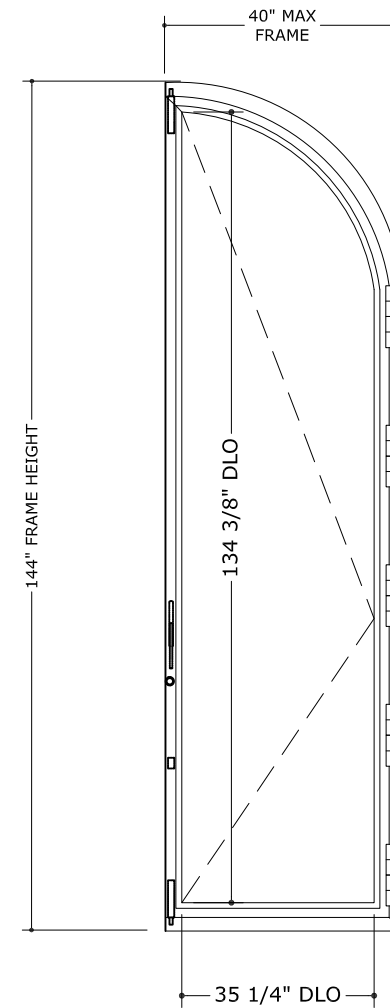
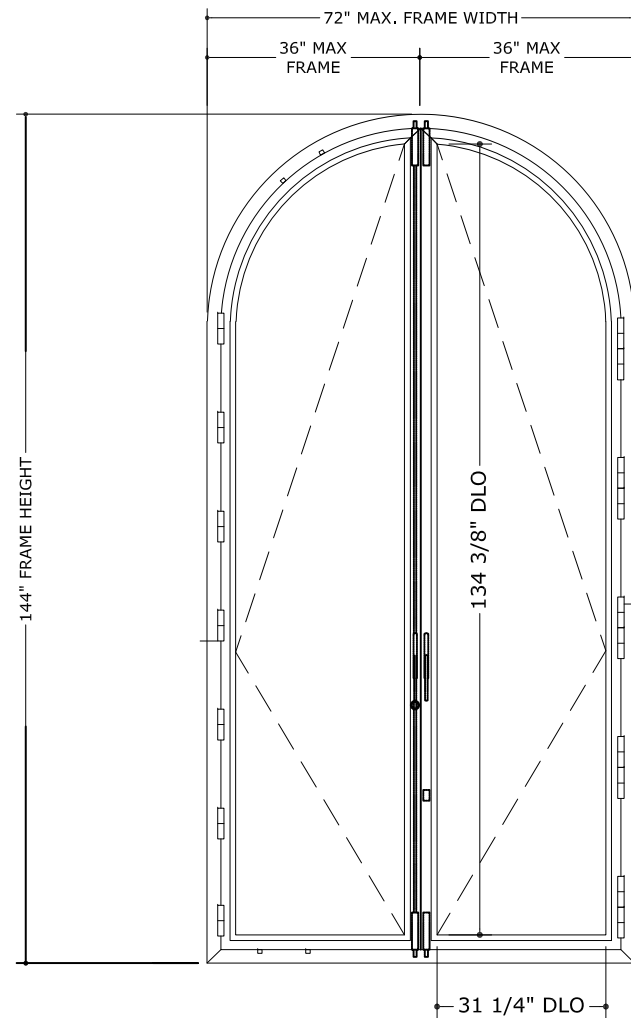
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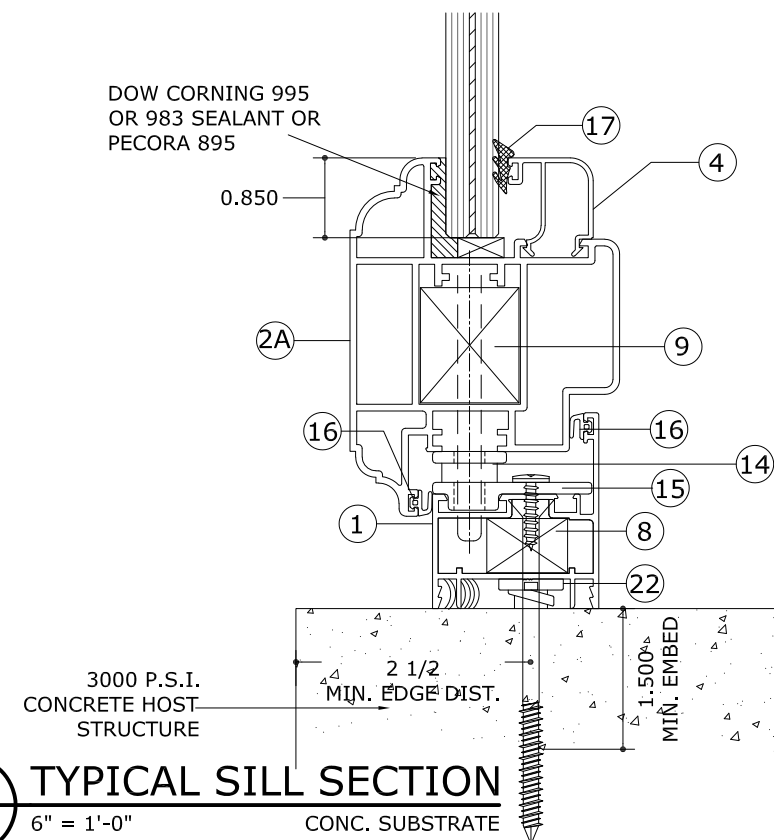
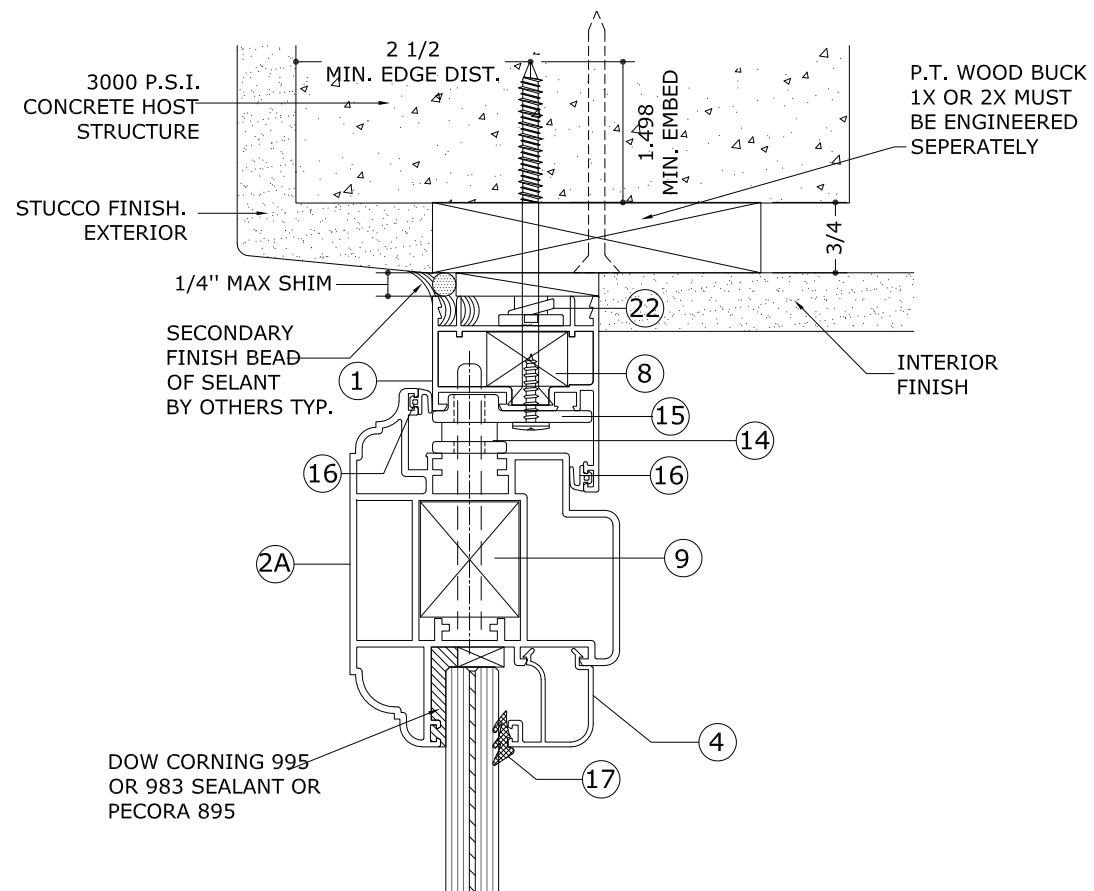
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1 TYPICAL HEADER SECTION
4 6" = 1'-0" CONC. SUBSTRATE



2 TYPICAL SILL SECTION
4 6" = 1'-0" CONC. SUBSTRATE

1" MIN. EDGE DIST.

STUCCO FINISH. EXTERIOR

1 1/2" MIN. EMBED

P.T. 2 X 4 WOOD BUCK ENGINEERED SEPERATELY

1/4" MAX SHIM

SECONDARY FINISH BEAD OF SELANT BY OTHERS TYP.

INTERIOR FINISH

1

8

15

14

16

16

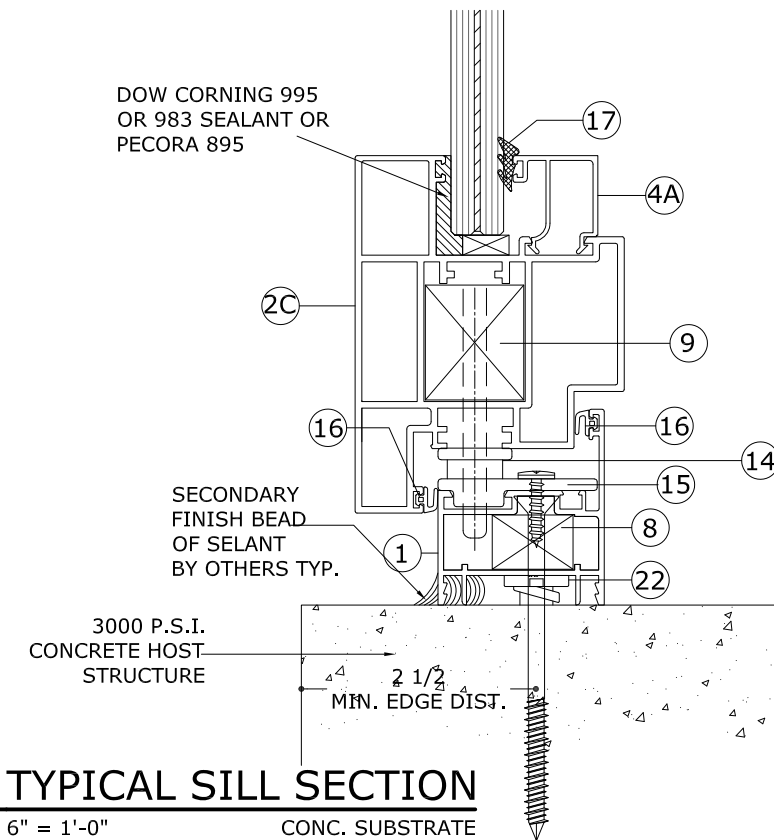
9

2C

4A

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DOW CORNING 995 OR 983 SEALANT OR PECORA 895

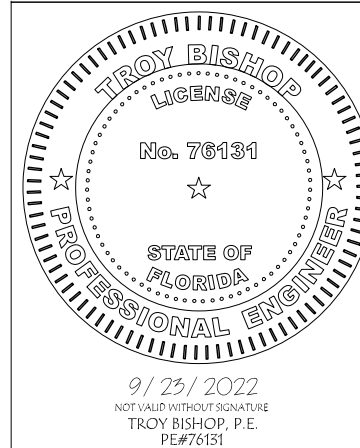


4 TYPICAL SILL SECTION
4 6" = 1'-0" CONC. SUBSTRATE

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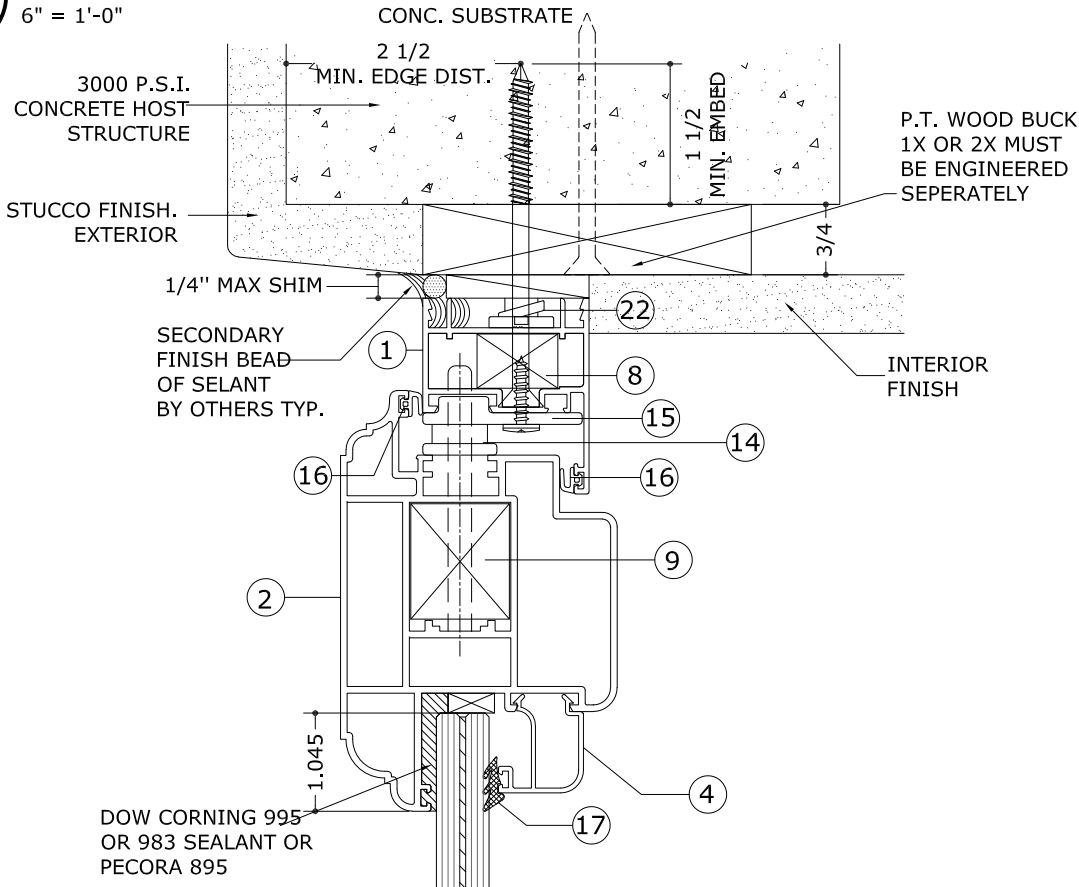


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ANCHORING SECTIONS

1) TYPICAL HEADER SECTION

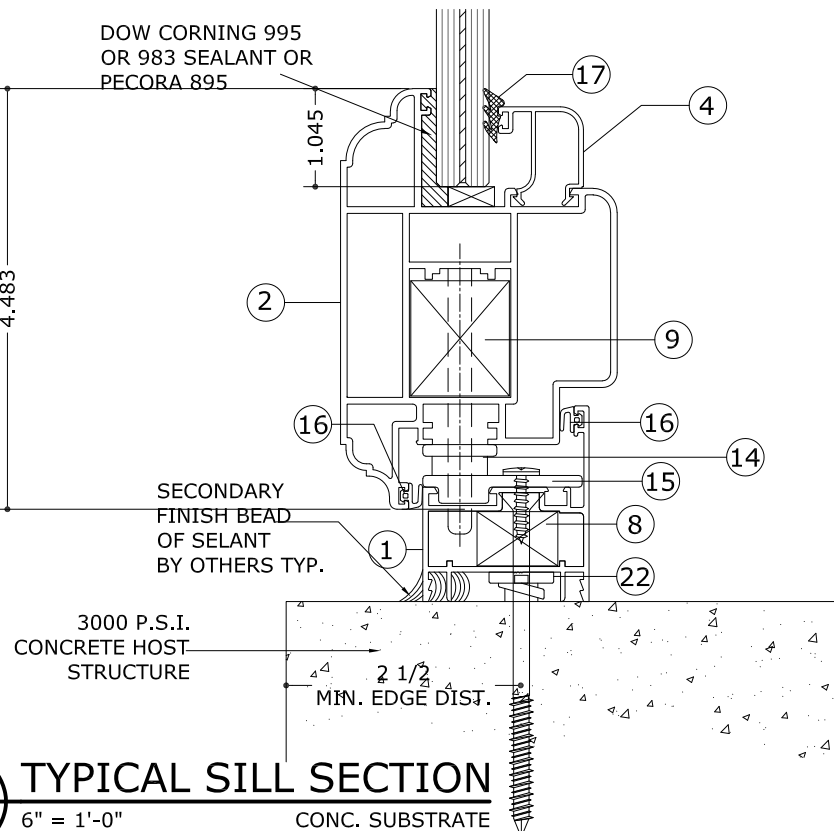
5) $6'' = 1'-0''$



2) TYPICAL SILL SECTION

5) $6'' = 1'-0''$

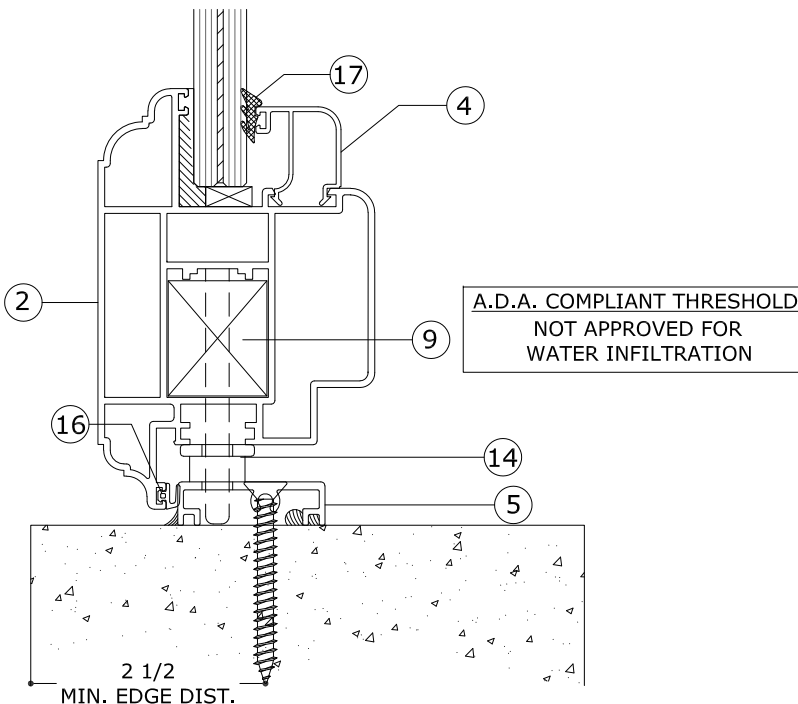
CONC. SUBSTRATE



SILL DETAIL (ADA THRESHOLD)

$$6'' = 1'-0''$$

CONC. SUBSTRATE

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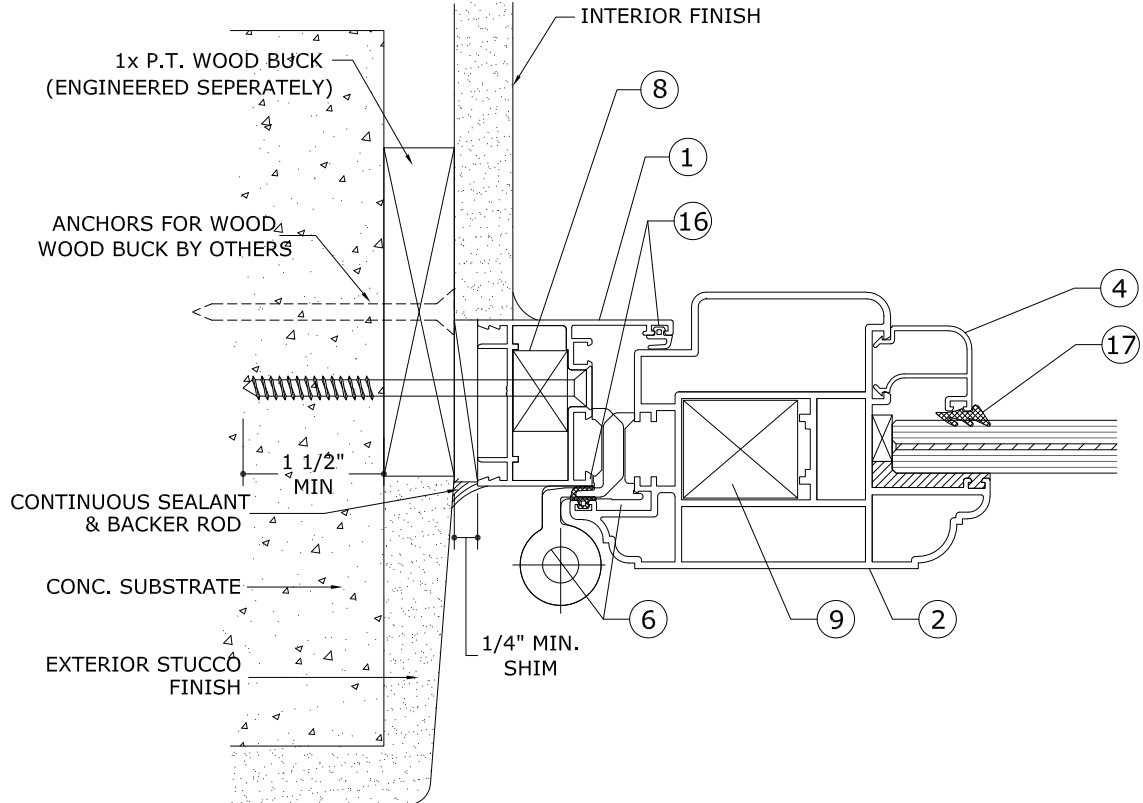
ANCHORING SECTIONS

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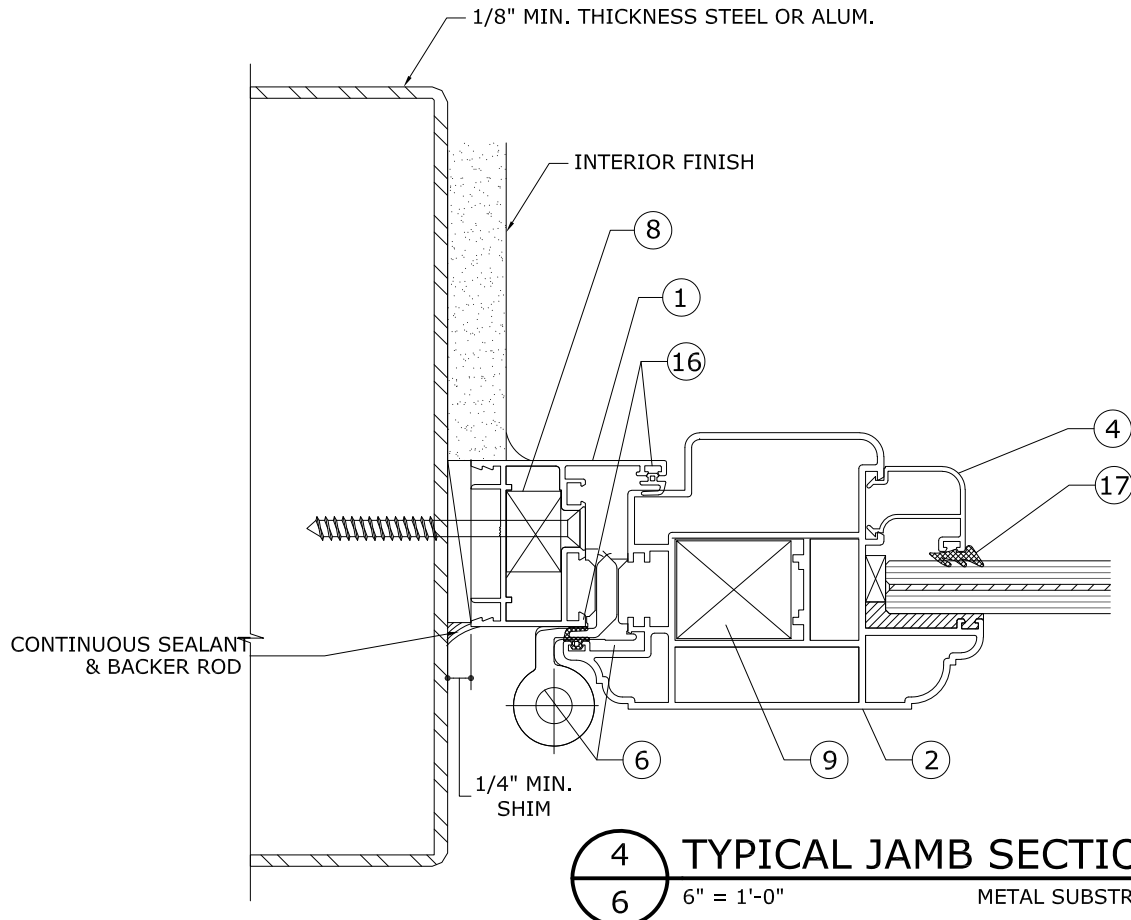
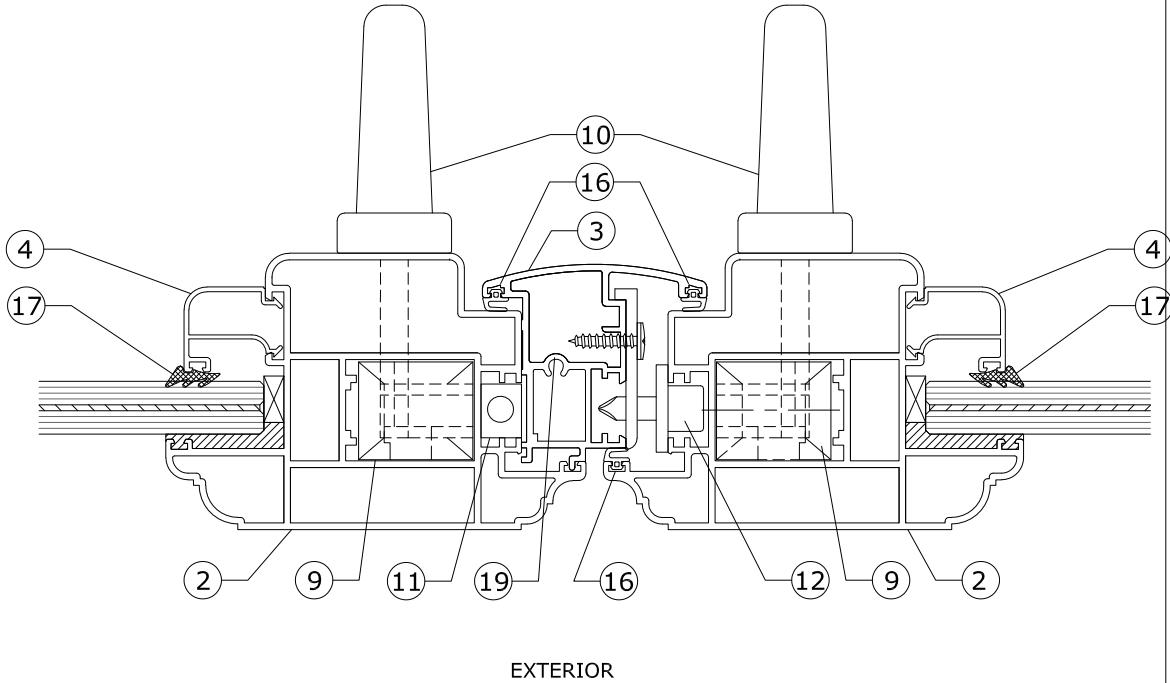
TYPICAL JAMB SECTION

6" = 1'-0"

CONC. SUBSTRATE

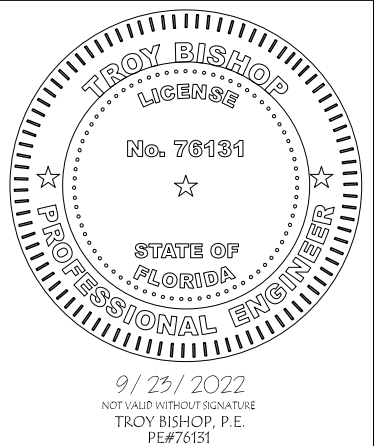


2 TYPICAL ASTRAGAL SECTION
6 6" = 1'-0" CONC. SUBSTRATE



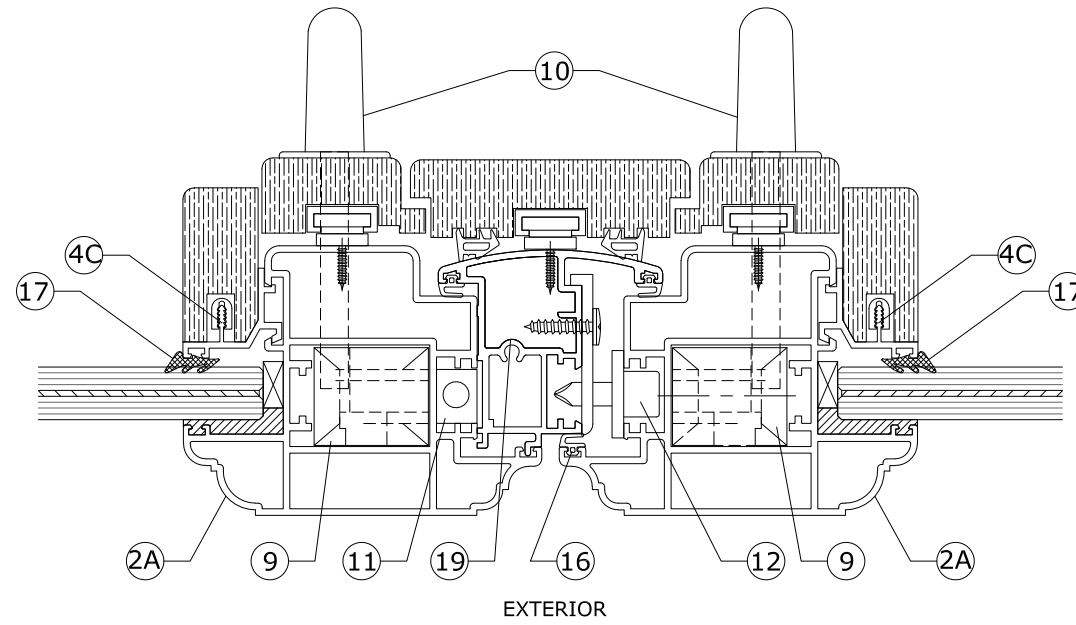
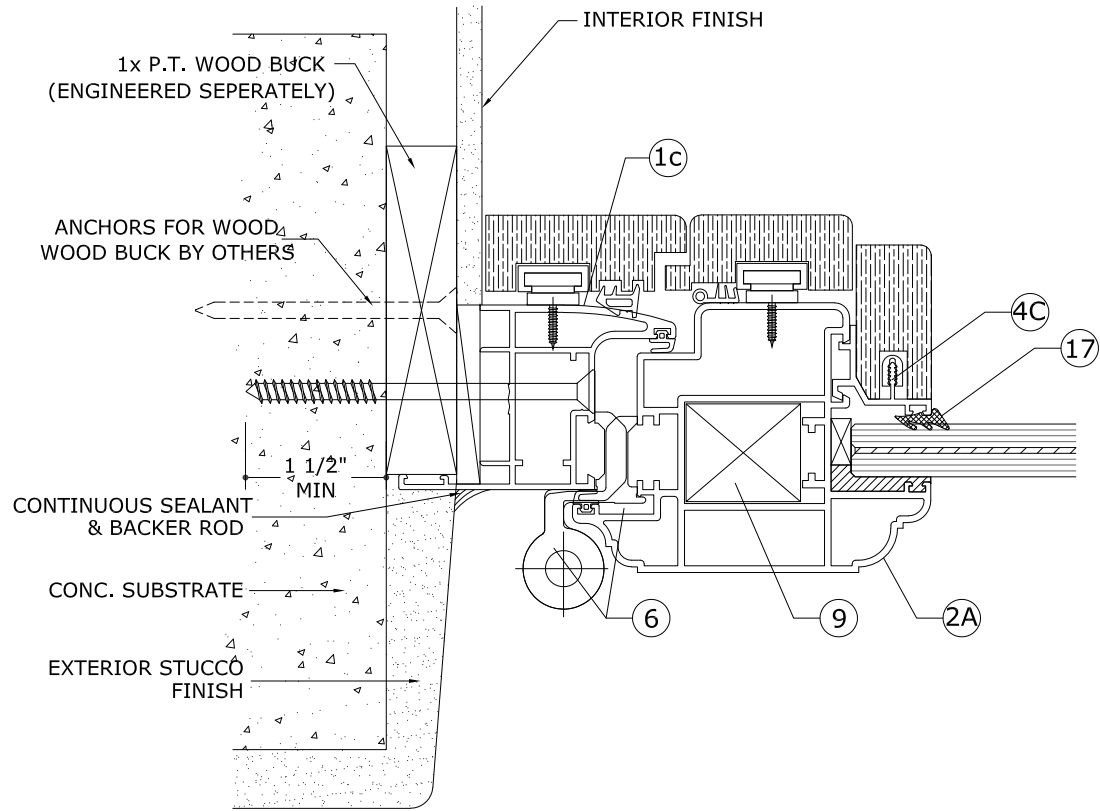
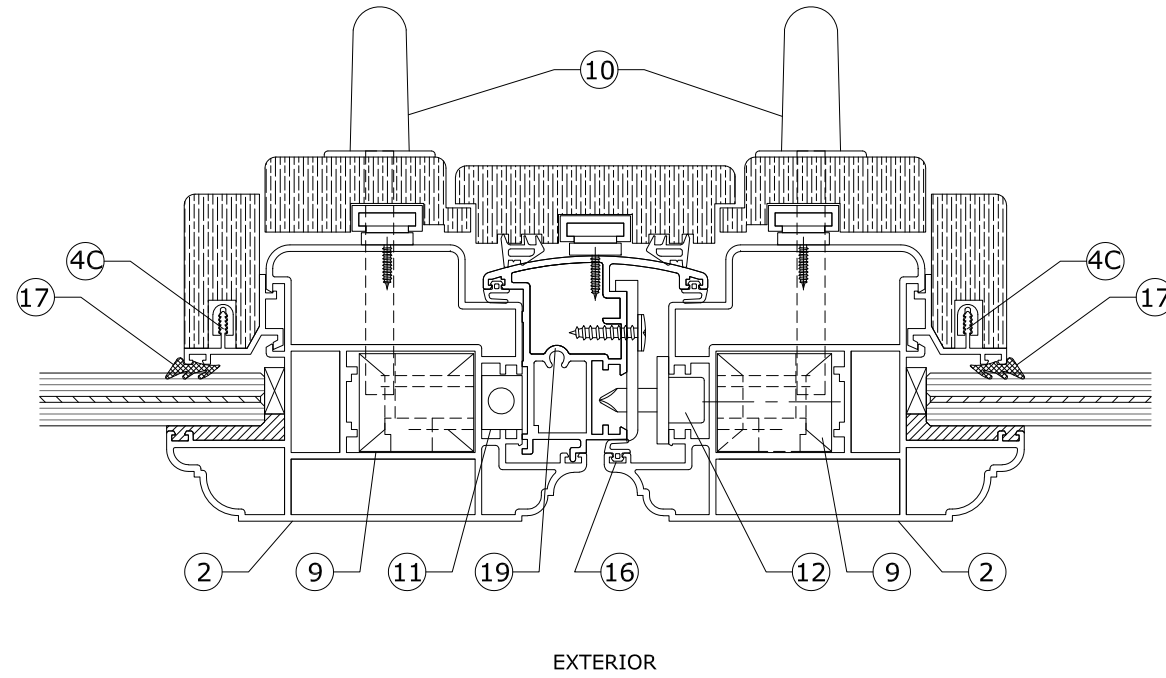
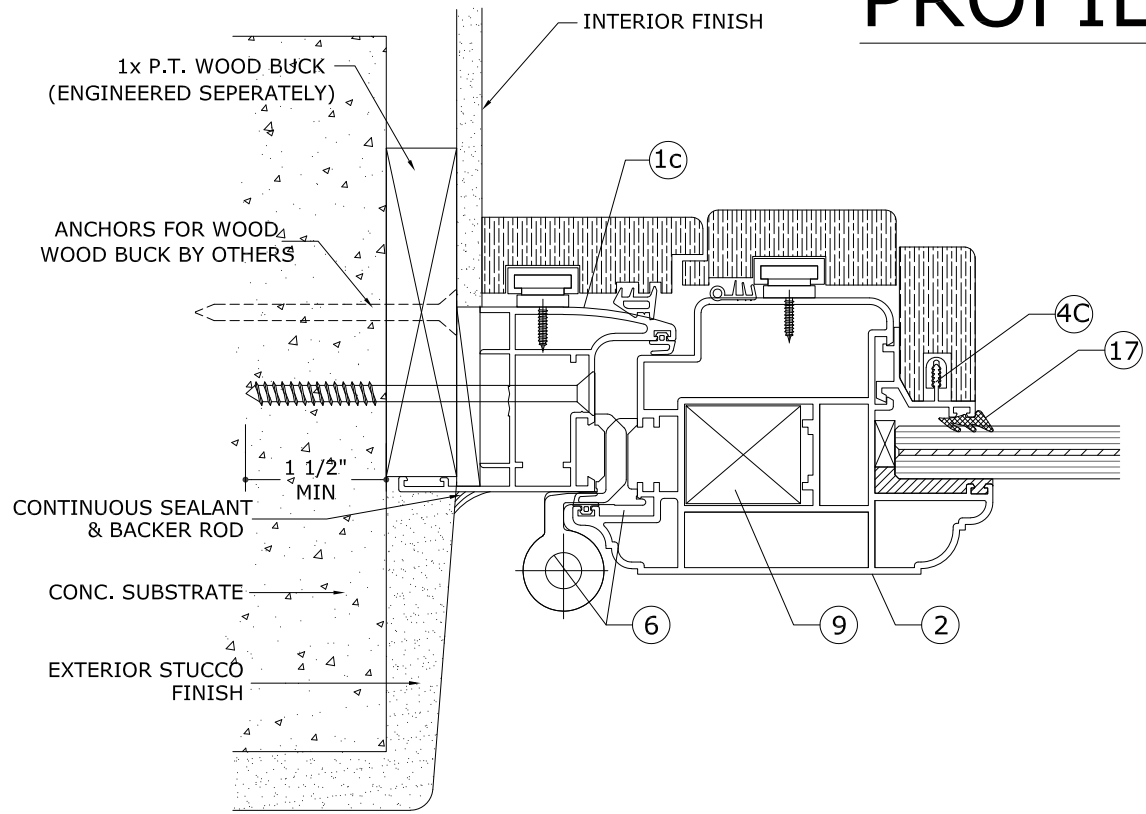
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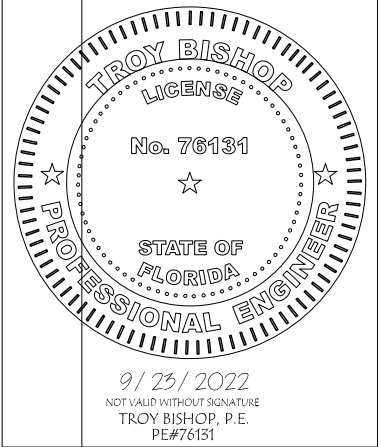
PROFILE COMBINATIONS

[illegible]

SERIES EKV 53 OUTSWING

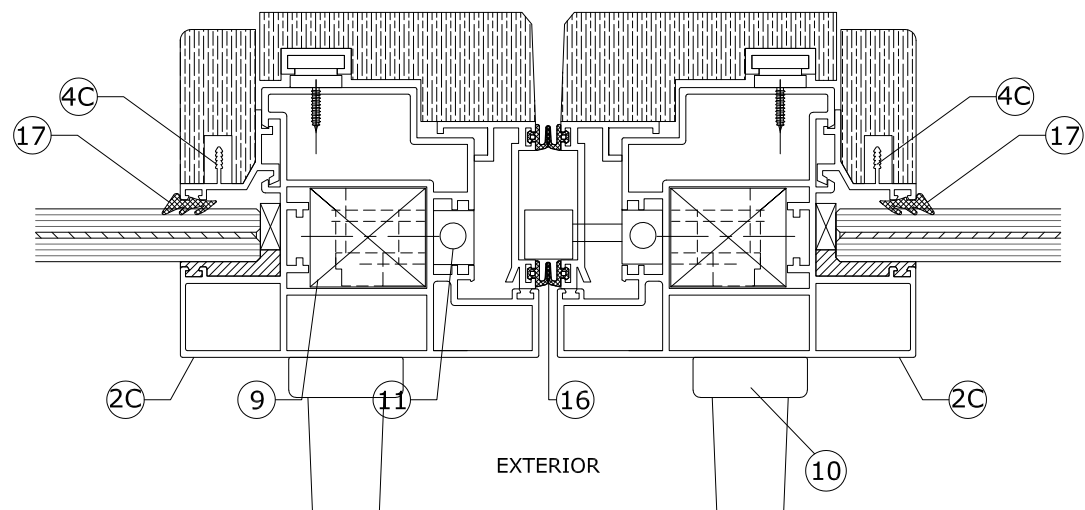
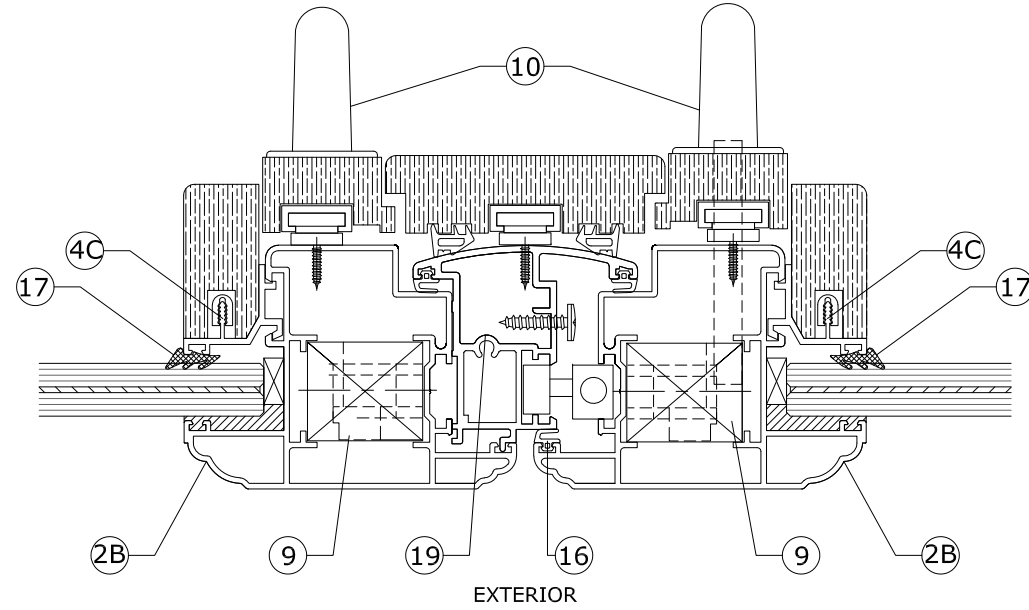
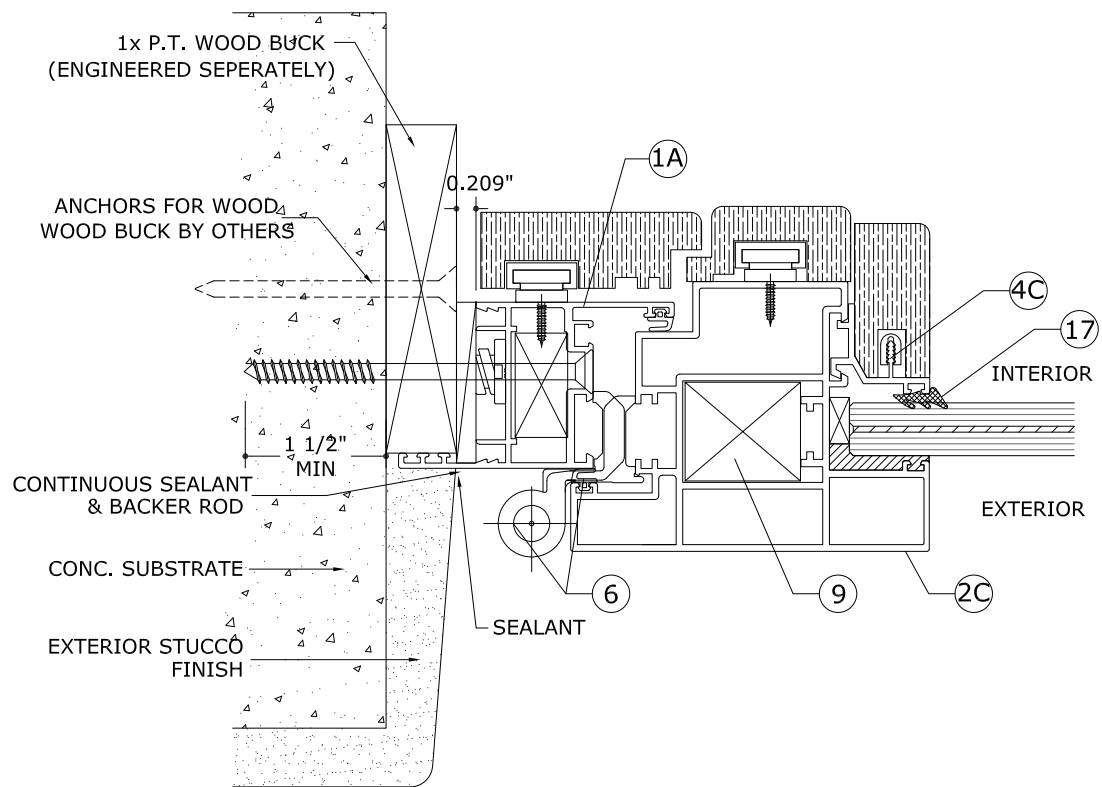
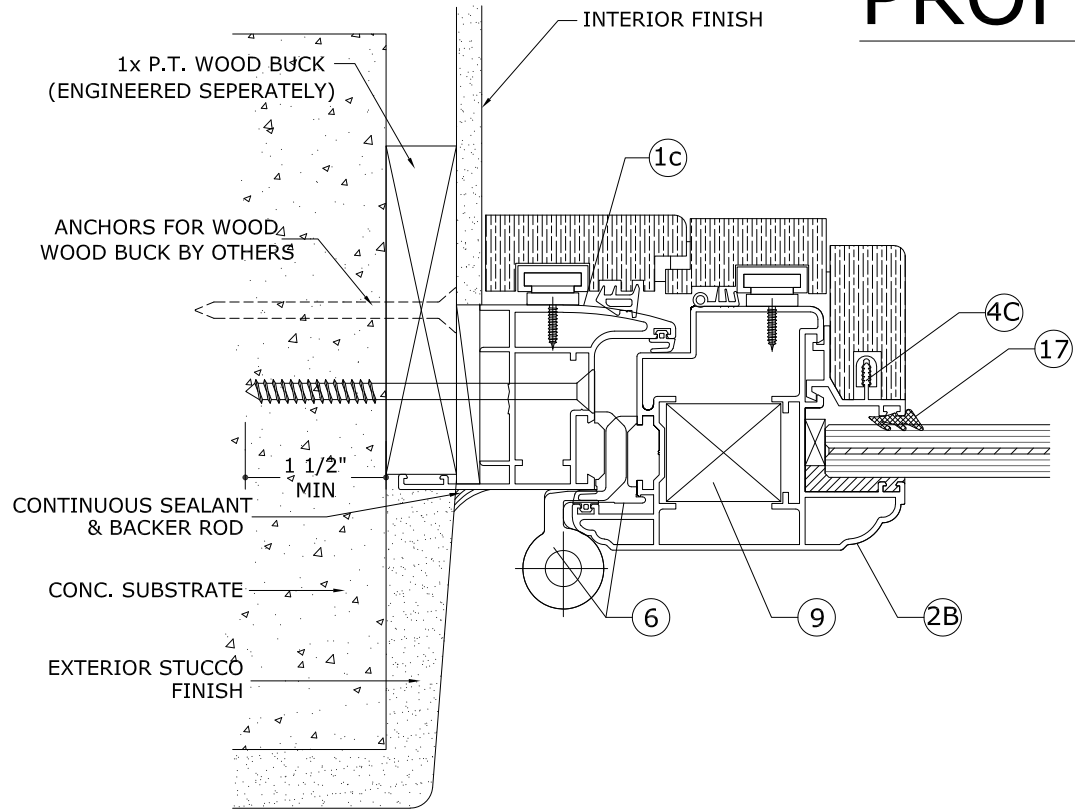
FRENCH DOOR

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FL #21897.1

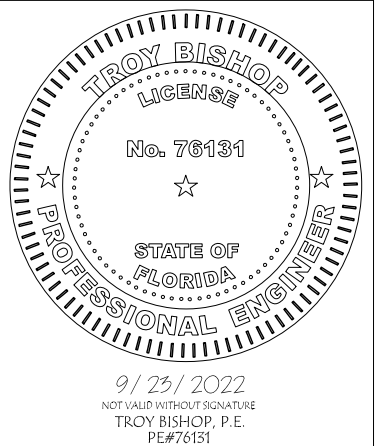


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PROFILE COMBINATIONS

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This exploded view diagram illustrates the assembly of a window unit. It features three main components: a window frame on the left, a window sash on the right, and a set of hardware in the center. The hardware includes two L-shaped brackets, each with a pre-drilled hole, and a single bolt. Dashed lines indicate the alignment and assembly path for the hardware, showing how the brackets will be mounted to the frame and sash to facilitate their operation.

1 FRAME CORNER DETAIL

ANCHOR CAPACITY CHART (CONCRETE SUBSTRATE)				
1/4" DIA. TAPCON EDGE DIST. 2 1/2" MIN. SPACING 4" MIN. EMBED 1 3/4" MIN. INTO GROUT FILLED MASONRY OR EMBED 1 1/2" MIN. INTO 3000 PSI CONC. START 7" FROM ENDS, BALANCE PER CHART.	MAXIMUM ALLOWABLE DESIGN PRESSURE	ANCHORS AT JAMBS	QTY. ANCHORS AT INTERLOCK	
		(W/ ADJUSTABLE SHIM)		
			UP TO 96"	UP TO 120"
	≤ 60 P.S.F.	15-1/2" C/C	2	3
	≤ 70 P.S.F.	15-1/2" C/C	2	3
	≤ 80 P.S.F.	15-1/2" C/C	3	3
	≤ 90 P.S.F.	15-1/2" C/C	3	N/A
	>90-110 P.S.F.	15-1/2" C/C	3	N/A
			SPACED 2 1/2" APART	

ANCHOR CAPACITY CHART (STEEL SUBSTRATE)				
<u>#14 P.H.S.M.S.</u> OR <u>#14 SELF DRILLING</u> INTO 1/8" THK. ASTM A36 START 7" FROM ENDS, BALANCE PER CHART.	MAXIMUM ALLOWABLE DESIGN PRESSURE	ANCHORS AT JAMBS	QTY. ANCHORS AT INTERLOCK	
		(W/ ADJUSTABLE SHIM)		
			UP TO 96"	UP TO 120"
	<u>≤</u> 60 P.S.F.	15-1/2" C/C	2	3
	<u>≤</u> 70 P.S.F.	15-1/2" C/C	2	3
	<u>≤</u> 80 P.S.F.	15-1/2" C/C	3	3
	<u>≤</u> 90 P.S.F.	15-1/2" C/C	3	N/A
	>90-110 P.S.F.	15-1/2" C/C	3	N/A
			SPACED 2 1/2" APART	

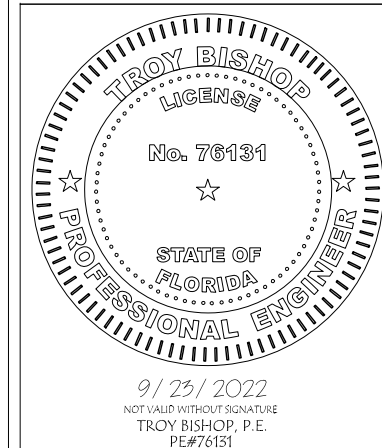
ANCHOR CAPACITY CHART (WOOD SUBSTRATE)				
#14 P.H.S.M.S. OR #14 WOOD SCREW EMBED 1 1/2" MIN. INTO NO. 2 SYP. START 7" FROM ENDS, BALANCE PER CHART.	MAXIMUM ALLOWABLE DESIGN PRESSURE	ANCHORS AT JAMBS	QTY. ANCHORS AT INTERLOCK	
		(W/ ADJUSTABLE SHIM)		
			UP TO 96"	UP TO 120"
	≤ 60 P.S.F.	12" C/C	4	5
	≤ 70 P.S.F.	12" C/C	4	5
	≤ 80 P.S.F.	12" C/C	5	6
	≤ 90 P.S.F.	12" C/C	5	N/A
	>90-110 P.S.F.	12" C/C	6	N/A

SPACED 2 1/2" APART

[illegible]

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FRENCH DOOR

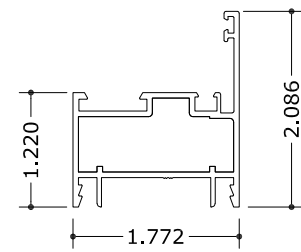
LA FINESTRA, INC.
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FL #21897.1



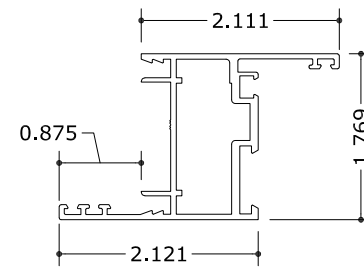
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EXTRUSIONS

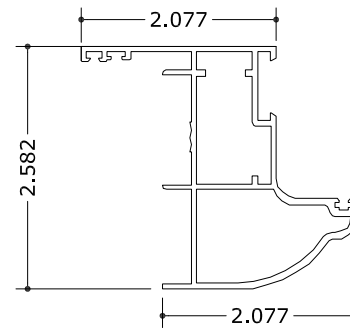


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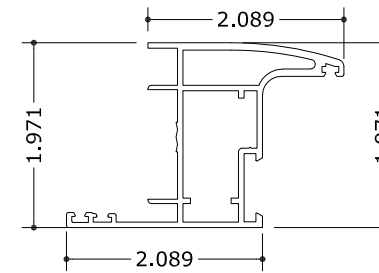


1A

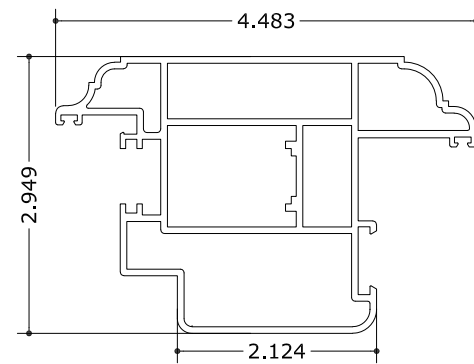
7012 - FRAME



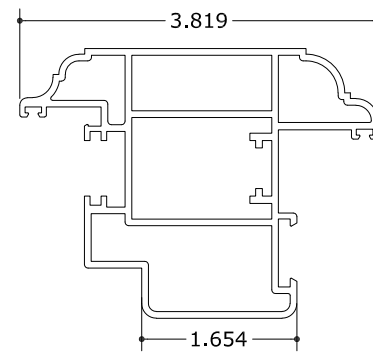
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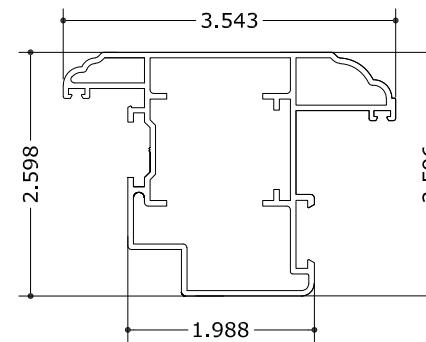
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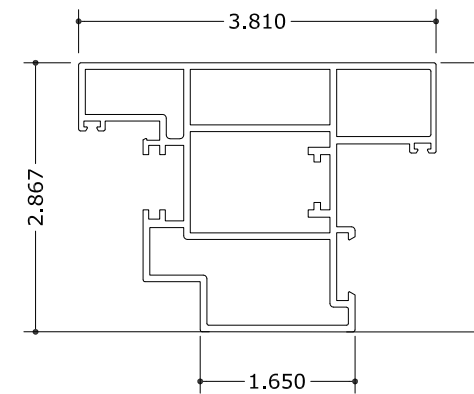
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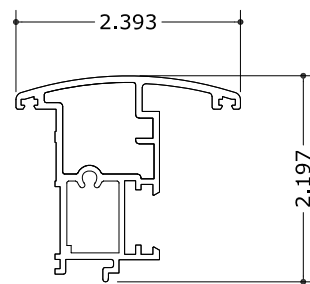
2A



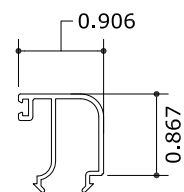
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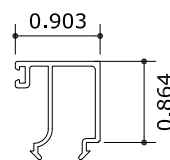
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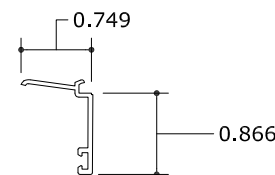
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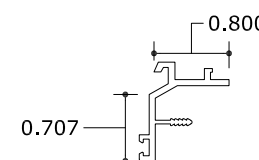
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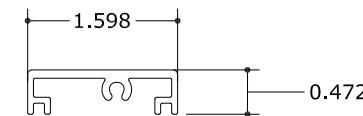
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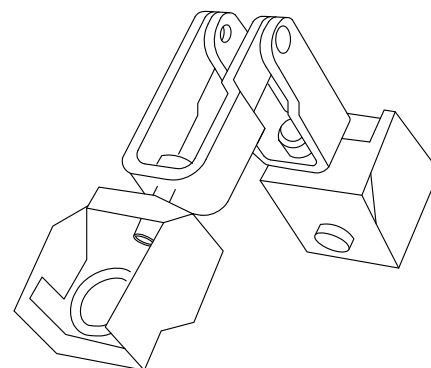
4B



4C



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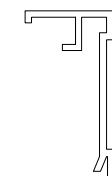
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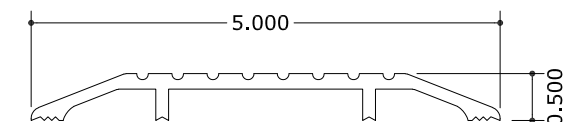
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NOTE: ALL ALUMINUM EXTRUSIONS TO BE 6063-T5 U.N.O.

[illegible]

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PARTS LIST

	PART #	DESCRIPTION	MATERIAL	REMARKS
1	7011	FRAME HEAD/SILL/JAMB	6063-T5	GRUPPO PROFILATI SPA
1A	7012	FRAME HEAD/SILL/JAMB (with flange)	6063-T5	GRUPPO PROFILATI SPA
1B	17948	FRAME HEAD/SILL/JAMB	6063-T5	GRUPPO PROFILATI SPA
1C	17949	FRAME HEAD/SILL/JAMB	6063-T5	GRUPPO PROFILATI SPA
2	16012	PANEL HEAD/SILL/JAMB	6063-T5	GRUPPO PROFILATI SPA
2A	16013	PANEL HEAD/SILL/JAMB	6063-T5	GRUPPO PROFILATI SPA
2B	Z18853	PANEL HEAD/SILL/JAMB	6063-T5	GRUPPO PROFILATI SPA
2C	27918	PANEL HEAD/SILL/JAMB	6063-T5	GRUPPO PROFILATI SPA
3	27918	ASTRAGAL	6063-T5	GRUPPO PROFILATI SPA
4	4195	GLASS BEAD	6063-T5	GRUPPO PROFILATI SPA
4A	4298	GLASS BEAD	6063-T5	GRUPPO PROFILATI SPA
4B	4293	GLASS BEAD	6063-T5	GRUPPO PROFILATI SPA
4C	092109	GLASS BEAD	6063-T5	GRUPPO PROFILATI SPA
5	6009	COMMERCIAL THRESHOLD	6063-T5	GRUPPO PROFILATI SPA
6	A8221	4" BUTTHINGES	6063-T5	MASTER
6A	160/12	4" BUTTHINGES	6063-T5	CASALI
7	N/A	1/4" x 1/2" x 3" LG. SETTING BLOCK	SILICONE	GENERIC
8	0409	FRAME CORNER KEY	ALUMINUM	MONTICELLI
9	5004	PANEL CORNER KEY	ALUMINUM	MONTICELLI
9A	001	PANEL CORNER KEY	ALUMINUM	GRUPPO PROFILATI SPA
9B	002	PANEL CORNER KEY	ALUMINUM	GRUPPO PROFILATI SPA
10	SERIES 800	OPERATING HANDLE	ALUMINUM	PASINI
11	1025	TRANSMISSION MOVEMENT DEVISE	ZAMA/S.S.	GSG
12	1286	5-POINT LOCKING SYSTEM	S.S.	AMESBURY
13	FB-1300-20-SS	FLUSH BOLT	S.S.	SULLIVAN
14	4031	MUSHROOM HEAD AND KEEPERS	S.S./ALUMINUM	GSG/LAFIN
15	CD-MPK-100-SS	MULTIPOINT KEEPER KIT	S.S./ALUMINUM	SULLIVAN
16	2666	WEATHERSTRIP GASKET	EPDM	GRUPPO PROFILATI SPA
17	002/009	WEDGE GASKET	EPDM	GRUPPO PROFILATI SPA
18	-	# 10 x 2 1/2" FH.SMS. (ASSEMBLY)	PLATED STEEL	-
19	-	# 10 x 2" FH.SMS. (ASSEMBLY)	PLATED STEEL	-
20	-	# 14 x 3/4" FH.SMS. (PANEL ASSEMBLY)	PLATED STEEL	-
21	895/995	STRUCTURAL SILICONE	SILICONE	PECORA OR DOW CORNING
22	CD.100.BK	FRAME INSERT	ALLUM/NYLON	SULLIVAN
23	SDG.SP.316	STRIKE PLATE	S.S.	SULLIVAN
24	2167/2168	FLUSH BOLT	ZAMA	GSG
25	7019	BYPASS SASH ATTACHMENT	6063-T5	GRUPPO PROFILATI SPA
26	HCL - 5000	ADA SILL	6063-T6	GRUPPO PROFILATI SPA
27	402 / T	PANIC DEVICE COMPOSITION		BRAND: ANTIPANIC
28	59801 / 59811 / 59816	PANIC DEVICE COMPOSITION		BRAND: CISA
29	1.07072.27.0	KEEPER PLATE		BRAND: CISA
30	1.07072.21.0	KEEPER PLATE		BRAND: CISA
31	1.07072.20.0	KEEPER PLATE		BRAND: CISA
32	490/1 FIRE	KEEPER PLATE		BRAND: ANTIPANIC
33	490/2 FIRE	KEEPER PLATE		BRAND: ANTIPANIC
34	490/4	KEEPER PLATE		BRAND: ANTIPANIC
35	490/5	KEEPER PLATE		BRAND: ANTIPANIC

[illegible]

SERIES EKV 53 OUTSWING
FRENCH DOOR
LA FINESTRA, INC.
2790 NW 104TH COURT
DORAL, FL
FL #21897.1



PROJECT NO.	J22071
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