

c:\users\sam\engineering\express\production - documents\projects\23-123-60806 2026 product fbc update fl 37818\work\drawings & cad\23-60806 - vinyl sliding window - fbc 2026.dwg
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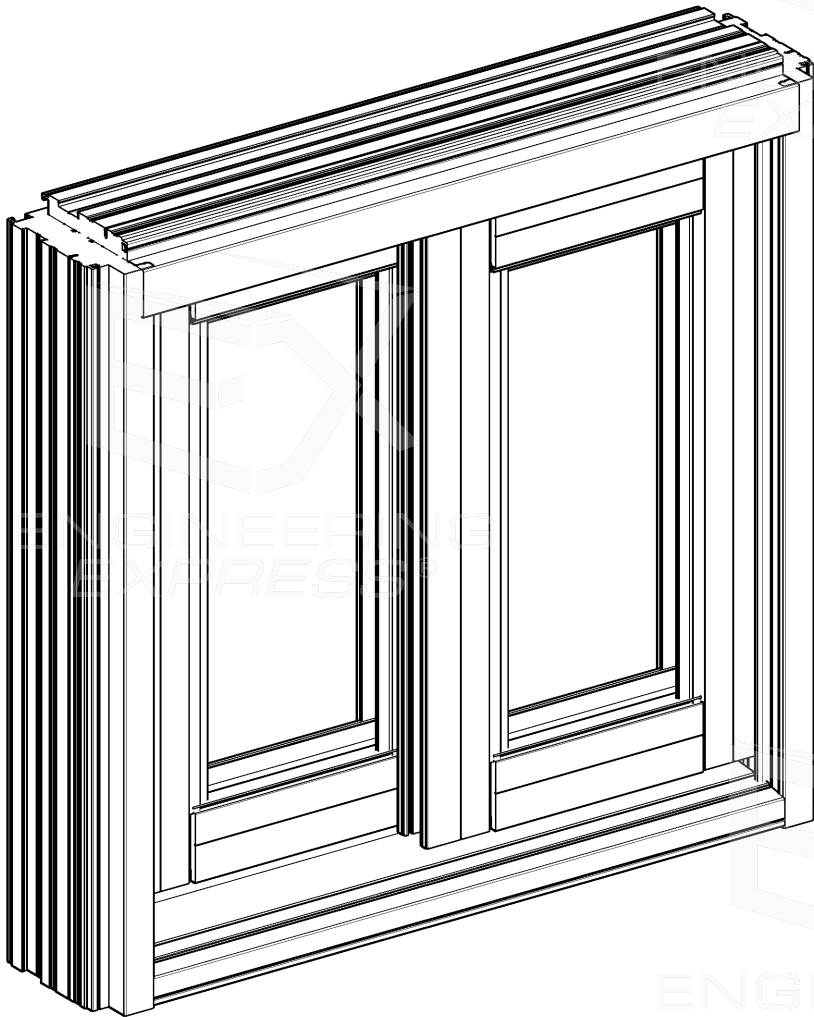
FOUR SEASONS SOLAR PRODUCTS

SERIES FSSW8000 PVC HORIZONTALLY SLIDING WINDOW

(NON-IMPACT / NON-HVHZ)

INCASE INSTALLED IN SUNROOM (ENGINEERED BY OTHERS):
-FOR USE IN NON-HABITABLE SUNROOMS ONLY AS DESCRIBED IN AAMA/NPEA/NSA 2100.
-SYSTEM TO BE USED AS AN AAMA 2100 CATEGORY I-IV ONLY & AS PER FBC 2002.6.
-THE HOST STRUCTURE IS NOT TO BE MODIFIED WITH THE ADDITION OF THIS UNIT/SUNROOM.
-FOR USE AS A CATEGORY IV SUNROOM IF SYSTEM MEETS THERMAL PERFORMANCE AS DESCRIBED IN SECTION 7 IN AAMA/NPEA/NSA 2100.
-SHALL BE INSTALLED INTO SEPARATELY ENGINEERED FOUR SEASONS ALUMINUM SUNROOM.

INCASE INSTALLED IN VARIABLE SUBSTRATE:
-SEE SHEET 7 FOR FASTENER AND SUBSTRATE REQUIREMENTS.



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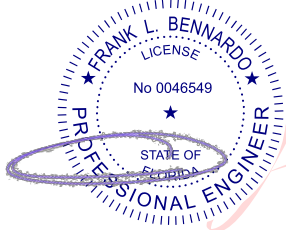
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FRANK BENNARDO, PE
PE# 46549 CA# 9885

AUGUST 18, 2026

Digitally signed by
Frank Bennardo
Date: 2026.08.19
11:41:34 -04'00'



GENERAL NOTES:

- THE SYSTEM AND GLASS TYPES DESCRIBED HEREIN COMPLY AND HAVE BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 9TH EDITION (2026) PER
 - ASTM E 283, ASTM E 330
 - AAMA/WDMA/CSA 101/I.S.2/A440-11
 - AAMA/WDMA/CSA 101/I.S.2/A440-08
- FOR USE **OUTSIDE** THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- GLASS UNIT(S) SHALL ME THE REQUIREMENTS OF ASTM E-1300.
- DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.
- THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR.WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
- THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
- THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
- FOR PERMANENT OUTDOOR INSTALLATIONS, ALL EXPOSED ANCHORS, FASTENERS, CONNECTORS, AND METAL PLATES SHALL BE CORROSION RESISTANT. CORROSION RESISTANCE MAY BE PROVIDED BY INHERENT MATERIAL COMPOSITION OR, WHERE PERMITTED BY CODE, BY AN APPROVED PROTECTIVE COATING OR GALVANIZATION. WHERE APPLICABLE NEAR A SALTWATER COASTLINE, SUCH COMPONENTS SHALL COMPLY WITH FBC SECTION 1711, INCLUDING APPLICABLE REQUIREMENTS FOR EXPOSED, PROTECTED, OR ENCLOSED CONDITIONS. MATERIALS, COATINGS, AND FINISHES SHALL BE COMPATIBLE WITH CONNECTED MATERIALS, AND PROTECTIVE COATINGS SHALL BE CONTINUOUS OVER EXPOSED SURFACES. FASTENERS USED WITH ALUMINUM MEMBERS SHALL ALSO COMPLY WITH SECTION J.3.7.2 OF THE ALUMINUM DESIGN MANUAL, "SPECIFICATION FOR ALUMINUM STRUCTURES." SUBSTITUTION OF COMPONENTS FROM ALTERNATE MANUFACTURERS, OR WITH DIFFERENT MATERIALS, COATINGS, OR FINISHES, SHALL NOT BE ASSUMED EQUIVALENT AND MAY REQUIRE ADDITIONAL ENGINEERING REVIEW OR SITE-SPECIFIC ANALYSIS.
- REFER TO FASTENER MANUFACTURER'S PUBLISHED DATA SHEETS AND RECOMMENDATIONS FOR FASTENER INSTALLATION INSTRUCTIONS.
- ENGINEER SEAL AFFIXED HERETO VALIDATE STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- PRESSURE VALUES ON THIS APPROVAL ARE (ASD) ALLOWABLE DESIGN PRESSURES.
- ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
- SAFEGUARDS MUST BE OBSERVED (NOT IN THIS CERTIFICATION)
- IF SLOPED GLAZING IS NEEDED, IT SHALL BE ALLOWED UNDER SITE SPECIFIC ENGINEERING. DESIGN MUST BE CHECKED AND APPROVED BY A PROFESSIONAL ENGINEER AND THE MANUFACTURER(S).
- UNITS SHALL BE LABELED IN ACCORDANCE WITH THE FLORIDA BUILDING COMMISSION AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATION.

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07-08	ANCHOR CHARTS & FASTENER SCHEDULE
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15	SYSTEM COMPONENTS
16	BILL OF MATERIALS

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PH: (631) 563-4000
SERIES FSSW8000 - PVC DUAL & SINGLE SLIDING WINDOW
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#37818.1)

REMARKS	DATE	CHKD	DRWN
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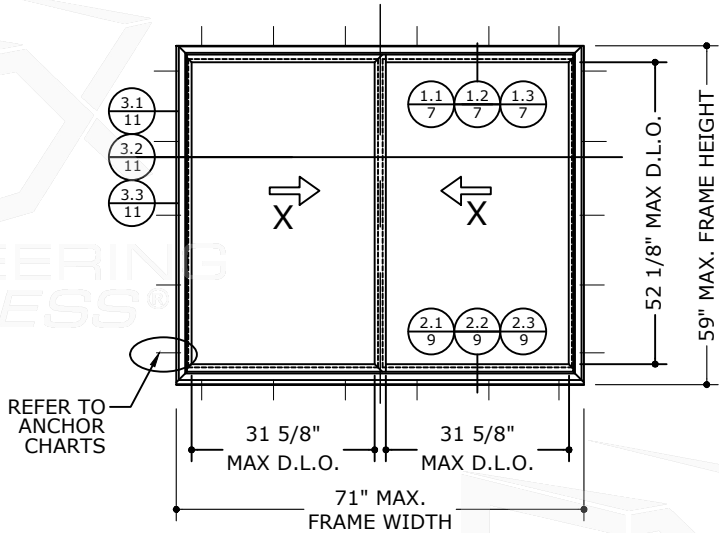
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PVC SLIDING WINDOW (XX) ELEVATIONS (35 PSF)

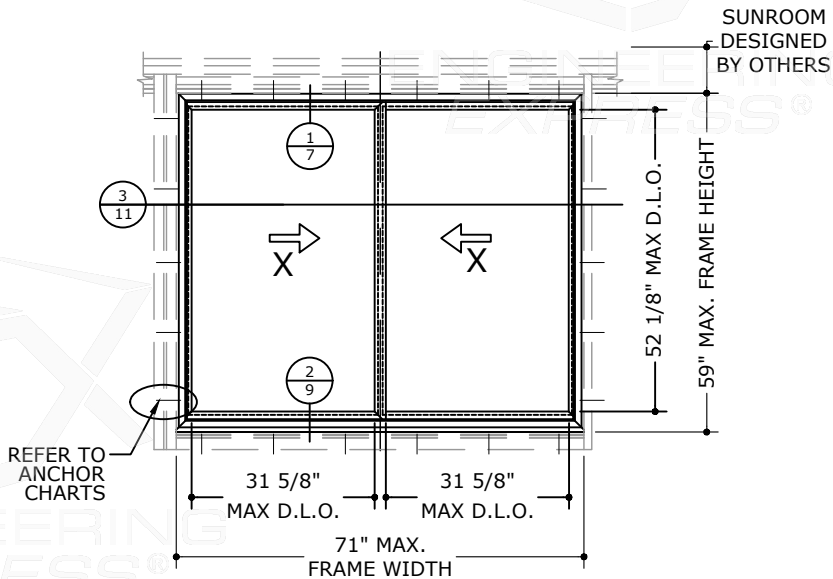
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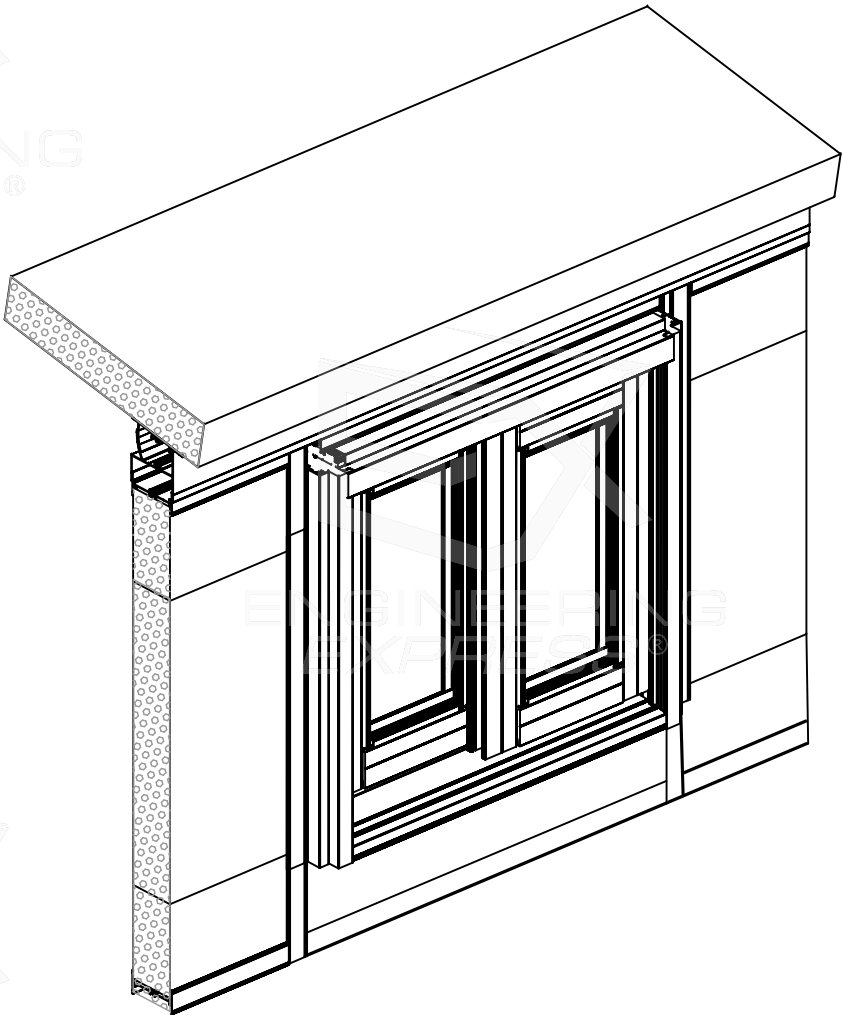
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No 0046549
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SIGNED: 08/18/2026



TYPICAL ELEVATION



SUNROOM ELEVATION



WINDOW INSIDE SUNROOM OPTION

INSTRUCTIONS TO DETERMINE DESIGN PRESSURE RATING

- STEP ①: USE THE PANEL LOADING TABLES TO DETERMINE THE ALLOWABLE PRESSURE OF THE GLASS.
- STEP ②: USE THE ANCHOR CHART TABLES TO DETERMINE THE ALLOWABLE ARCHORS.
- STEP ③: THE MINIMUM VALUE BETWEEN STEP ① AND STEP ② WILL DETERMINE THE DESIGN LOAD PRESSURE FOR THE FIXED WINDOW SYSTEM.

MAXIMUM PANEL AREA:

PANEL AREA NOT TO EXCEED 14.54 SQ. FT.

WATER INFILTRATION NOTE:

WATER RESISTANCE PER ASTM E 547 = 7.52 P.S.F

MAXIMUM ALLOWABLE DESIGN PRESSURES:

+35.09 PSF, -35.09PSF

NOTE:

FRAME SIZE FOR SINGLE OPENINGS SHALL BE GOVERNED BY THE MAXIMUM ALLOWABLE D.L.O. DIMENSIONS DISPLAYED ON THE PANEL LOADING CHARTS

NOTE: PANEL WIDTH = $\frac{\text{FRAME WIDTH} - 0.25"}{2}$

D.L.O WIDTH = PANEL WIDTH - 3.75" (+/- $\frac{1}{16}$ ")

REFER TO MANUFACTURER SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

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PVC SLIDING WINDOW (XO) OR (OX) ELEVATIONS (40 PSF)

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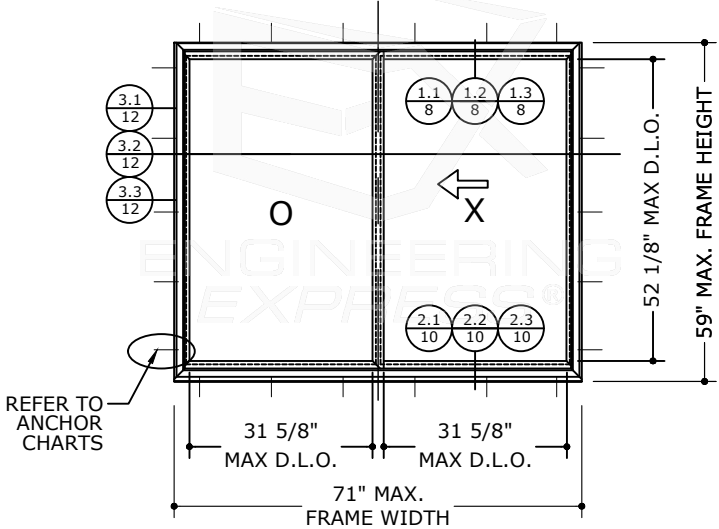
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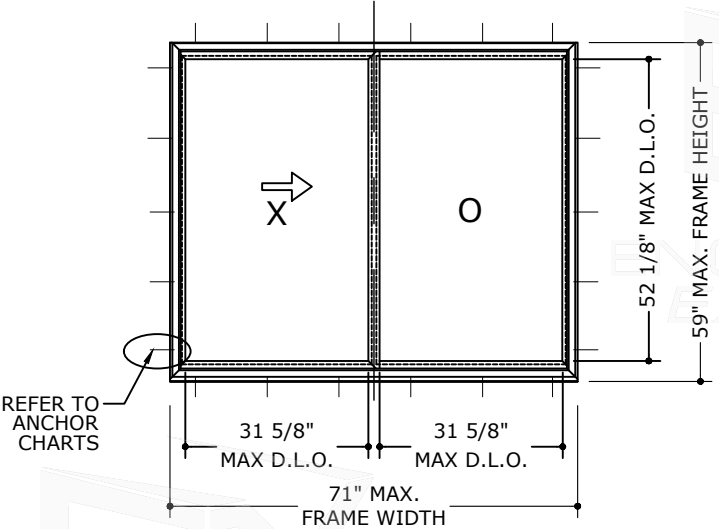
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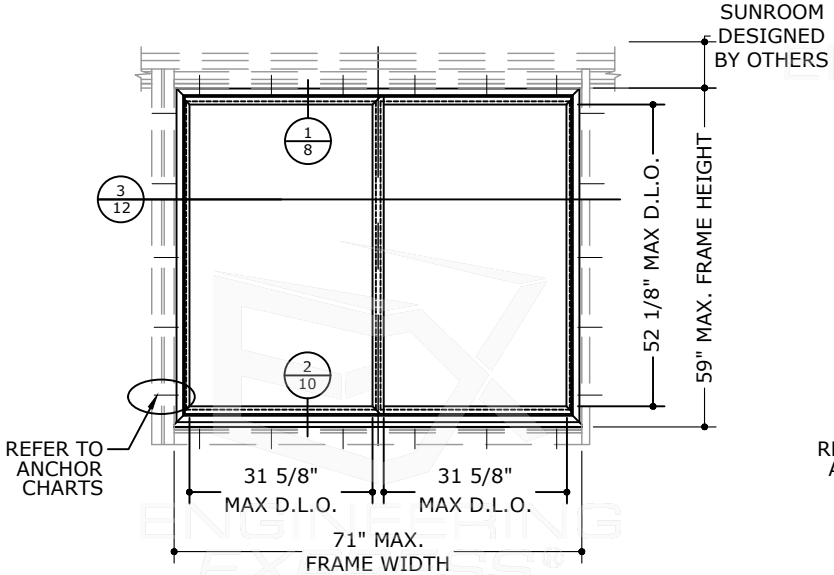
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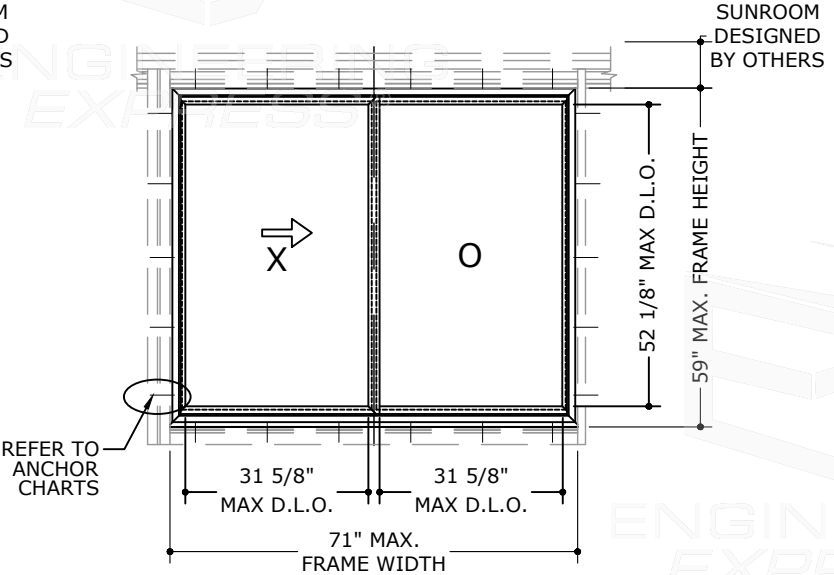
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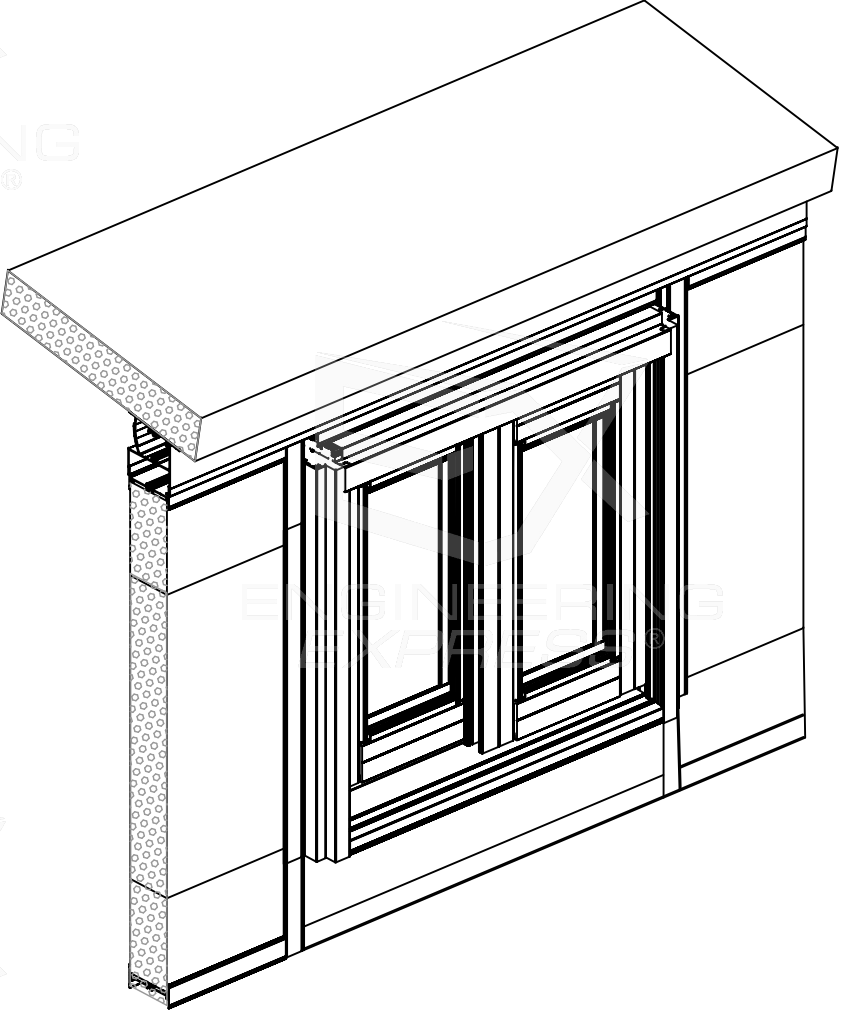
TYPICAL ELEVATION



SUNROOM ELEVATION



SUNROOM ELEVATION



WINDOW INSIDE SUNROOM OPTION

INSTRUCTIONS TO DETERMINE DESIGN PRESSURE RATING

- STEP ①: USE THE PANEL LOADING TABLES TO DETERMINE THE ALLOWABLE PRESSURE OF THE GLASS.
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- STEP ③: THE MINIMUM VALUE BETWEEN STEP ① AND STEP ② WILL DETERMINE THE DESIGN LOAD PRESSURE FOR THE FIXED WINDOW SYSTEM.

MAXIMUM PANEL AREA:

PANEL AREA NOT TO EXCEED 14.54 SQ. FT.

WATER INFILTRATION NOTE:

WATER RESISTANCE PER ASTM E 547 = 7.52 P.S.F

MAXIMUM ALLOWABLE DESIGN PRESSURES:

+40.1 PSF, -40.1PSF

NOTE:
FRAME SIZE FOR SINGLE OPENINGS SHALL BE GOVERNED BY THE MAXIMUM ALLOWABLE D.L.O. DIMENSIONS DISPLAYED ON THE PANEL LOADING CHARTS

NOTE: PANEL WIDTH = $\frac{\text{FRAME WIDTH} - 0.25"}{2}$

D.L.O WIDTH = PANEL WIDTH - 3.75" (+/- $\frac{1}{16}$ ")

REFER TO MANUFACTURER SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

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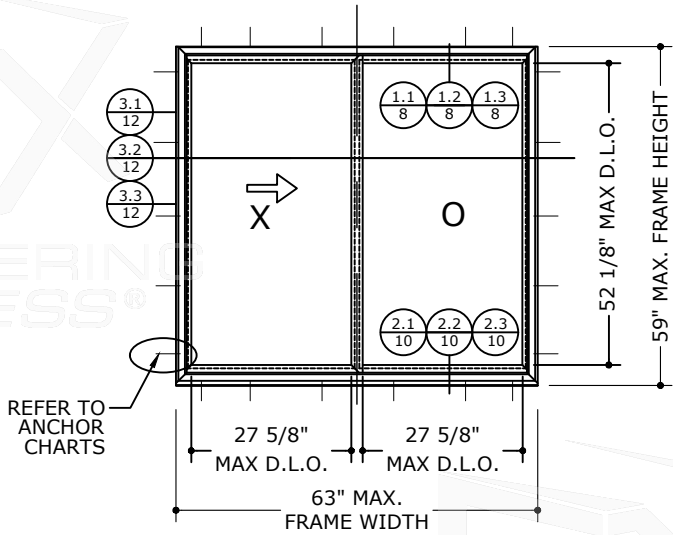
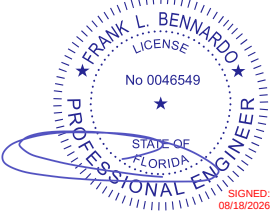
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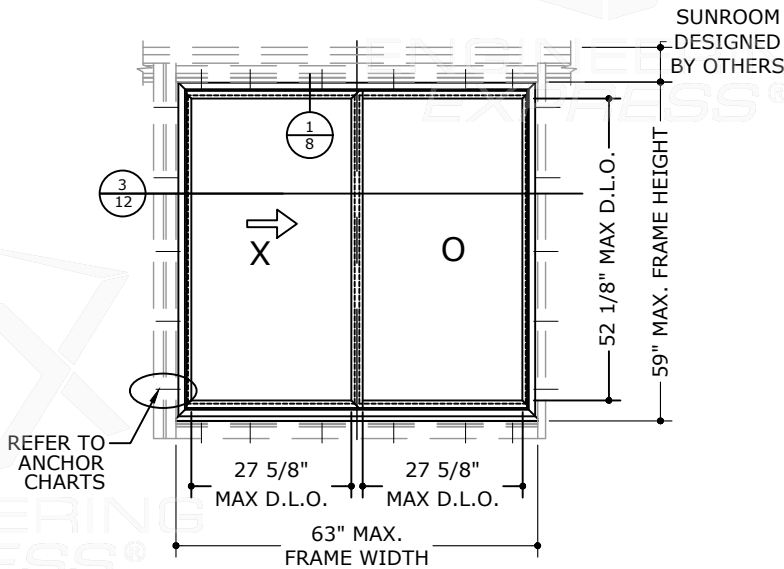
PVC SLIDING WINDOW (XO) ELEVATIONS (50 PSF)

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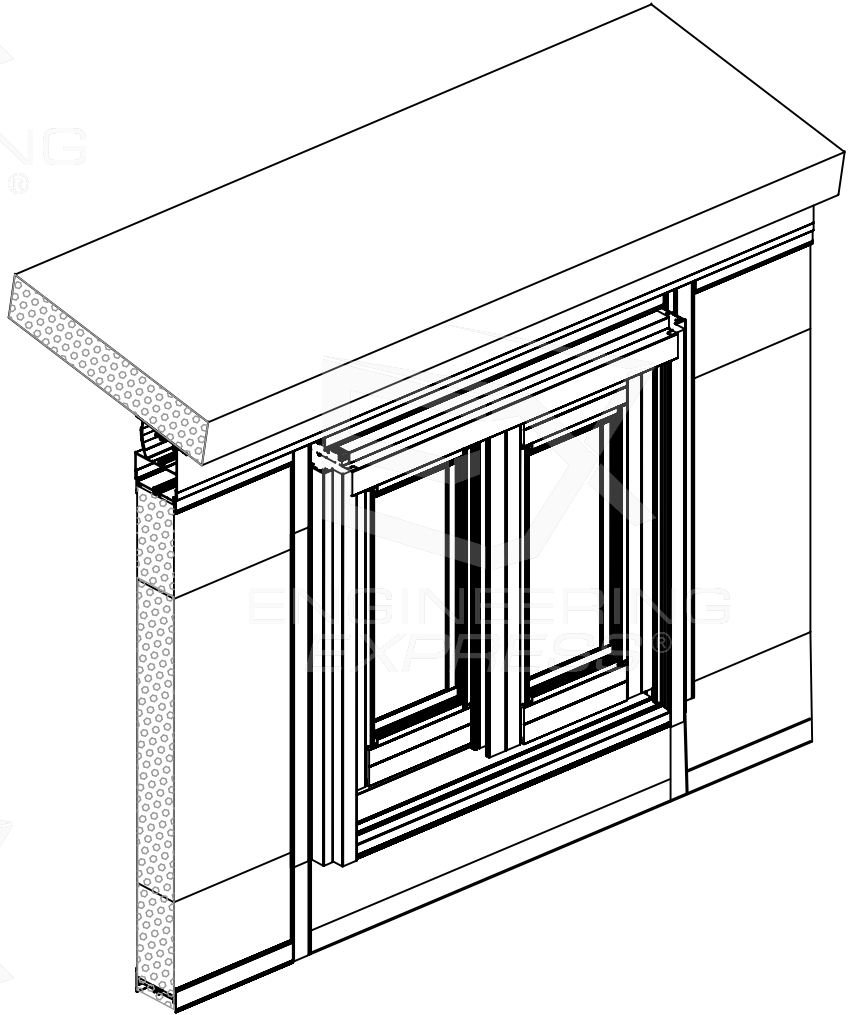
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TYPICAL ELEVATION



SUNROOM ELEVATION



WINDOW INSIDE SUNROOM OPTION

INSTRUCTIONS TO DETERMINE DESIGN PRESSURE RATING

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- STEP ②: USE THE ANCHOR CHART TABLES TO DETERMINE THE ALLOWABLE ARCHORS.
- STEP ③: THE MINIMUM VALUE BETWEEN STEP ① AND STEP ② WILL DETERMINE THE DESIGN LOAD PRESSURE FOR THE FIXED WINDOW SYSTEM.

MAXIMUM PANEL AREA:

PANEL AREA NOT TO EXCEED 12.17 SQ. FT.

WATER INFILTRATION NOTE:

WATER RESISTANCE PER ASTM E 547 = 7.52 P.S.F

MAXIMUM ALLOWABLE DESIGN PRESSURES:

+50.13 PSF, -50.13 PSF

NOTE:

FRAME SIZE FOR SINGLE OPENINGS SHALL BE GOVERNED BY THE MAXIMUM ALLOWABLE D.L.O. DIMENSIONS DISPLAYED ON THE PANEL LOADING CHARTS

NOTE: PANEL WIDTH = $\frac{\text{FRAME WIDTH} - 0.25}{2}$

D.L.O WIDTH = PANEL WIDTH - 3.75" (+/- $\frac{1}{16}$ ")

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GLASS TYPES

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PE# 46549 CA# 9885

AUGUST 18, 2026

FRANK L. BENNARDO

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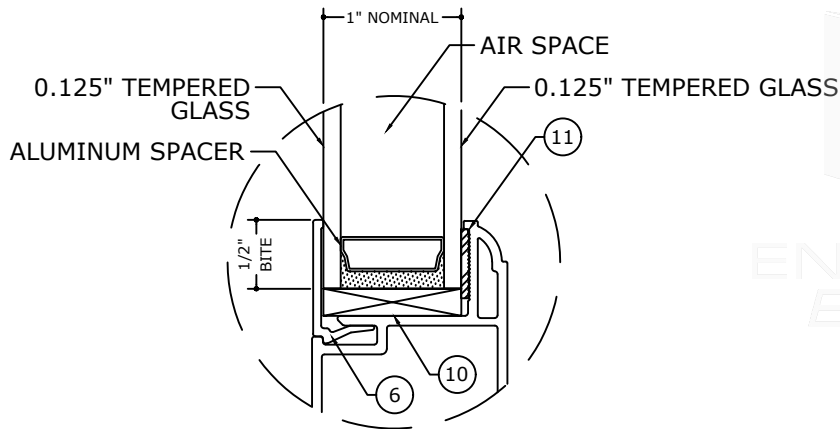
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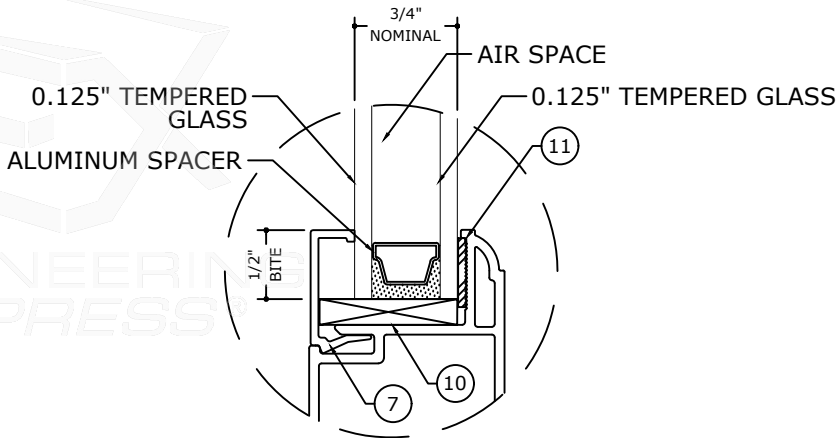
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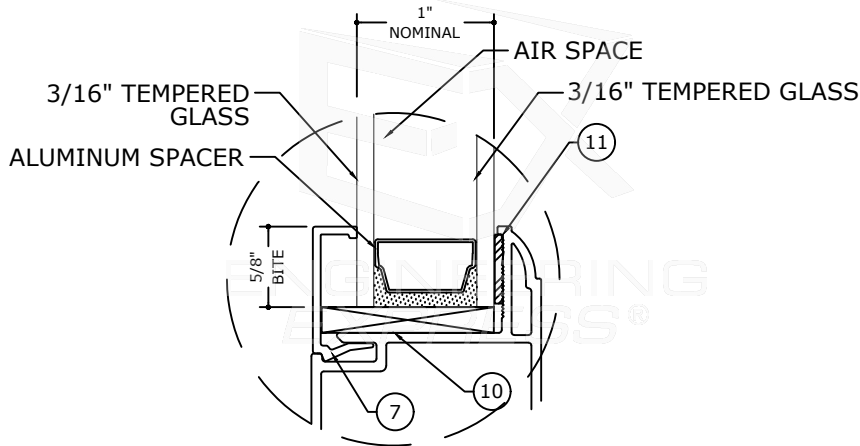
NOTE: GLASS SIZE = DLO + (GLASS BITE x 2)



GLASS TYPE **G1**
GLAZING DETAIL
N.T.S.



GLASS TYPE **G2**
GLAZING DETAIL
N.T.S.



GLASS TYPE **G3**
GLAZING DETAIL
N.T.S.

NOTES:
1. GLAZING TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS.
2. SETTING BLOCK SHALL COMPLY WITH 2411.3.3.1 OF THE FLORIDA BUILDING CODE SEVENTH EDITION (2020)

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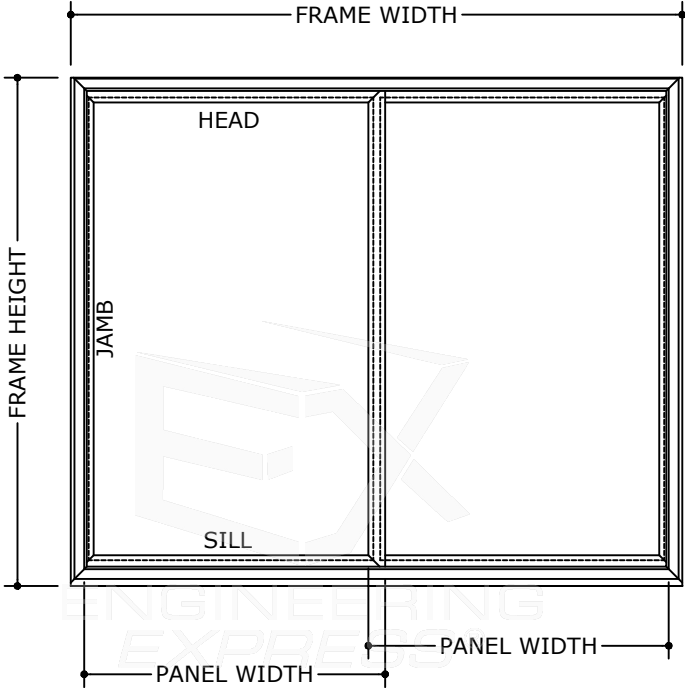
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PANEL LOADING TABLES

35 PSF DESIGN (XX)		G1G2	
		ALLOWABLE PRESSURE	
FRAME HEIGHT (in)	PANEL WIDTH (in)	(+) P.S.F	(-) P.S.F
24	12	53	53
	18	53	53
	24	53	53
	30	53	53
	31-5/8	53	53
	42	53	53
	48	53	53
	54	53	53
30	12	53	53
	18	53	53
	24	53	53
	30	53	53
	31-5/8	53	53
	42	53	53
	48	53	53
	54	53	53
36	12	53	53
	18	53	53
	24	53	53
	30	53	53
	31-5/8	53	53
	42	53	53
	48	53	53
	54	53	53
42	12	53	53
	18	53	53
	24	53	53
	30	53	53
	31-5/8	53	53
	42	53	53
	48	53	53
	54	53	53
48	12	53	53
	18	53	53
	24	53	53
	30	52	52
	31-5/8	47	47
	42	45	45
54	12	53	53
	18	53	53
	24	51	51
	30	44	44
59	12	53	53
	18	53	53
	24	46	46
	30	39	39
	31-5/8	35	35

40 PSF DESIGN (OX AND XO)		G1G2	
		ALLOWABLE PRESSURE	
FRAME HEIGHT (in)	PANEL WIDTH (in)	(+) P.S.F	(-) P.S.F
24	12	60	60
	18	60	60
	24	60	60
	30	60	60
	31-5/8	60	60
	42	60	60
	48	60	60
	54	60	60
30	12	60	60
	18	60	60
	24	60	60
	30	60	60
	31-5/8	60	60
	42	60	60
	48	60	60
	54	60	60
36	12	60	60
	18	60	60
	24	60	60
	30	60	60
	31-5/8	60	60
	42	60	60
	48	60	60
	54	60	60
42	12	60	60
	18	60	60
	24	60	60
	30	60	60
	31-5/8	60	60
	42	60	60
	48	60	60
	54	60	60
48	12	60	60
	18	60	60
	24	60	60
	30	60	60
	31-5/8	54	54
	42	52	52
54	12	60	60
	18	60	60
	24	59	59
	30	50	50
59	12	60	60
	18	60	60
	24	52	52
	30	45	45
	31-5/8	40	40

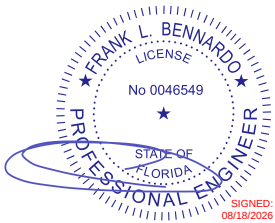
50 PSF DESIGN (XO)		G3	
		ALLOWABLE PRESSURE	
FRAME HEIGHT (in)	PANEL WIDTH (in)	(+) P.S.F	(-) P.S.F
24	12	75	75
	18	75	75
	24	75	75
	27-5/8	75	75
	36-1/2	75	75
	42	75	75
	48	75	75
	54	75	75
30	12	75	75
	18	75	75
	24	75	75
	27-5/8	75	75
	36-1/2	75	75
	42	75	75
	48	75	75
	54	75	75
36	12	75	75
	18	75	75
	24	75	75
	27-5/8	75	75
	36-1/2	75	75
	42	75	75
	48	75	75
	54	75	75
42	12	75	75
	18	75	75
	24	75	75
	27-5/8	75	75
	36-1/2	75	75
	42	75	75
	48	75	75
	54	75	75
48	12	75	75
	18	75	75
	24	75	75
	27-5/8	75	75
	36-1/2	68	68
	42	65	65
54	12	75	75
	18	75	75
	24	73	73
	27-5/8	63	63
	36-1/2	56	56
59	12	75	75
	18	75	75
	24	64	64
	27-5/8	50	50
	36-1/2	46	46



NOTE: PANEL/SASH WIDTH = $\frac{\text{FRAME WIDTH} - 0.25"}{2}$

FRANK BENNARDO, PE
PE# 46549 CA# 9885

AUGUST 18, 2026



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FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#37818.1)

REMARKS	DRWN	CHKD	DATE
FBC 2020 (20-33488)	TAE	AJP	12/07/20
FBC 2023 UPDATE	SQ	RS	07/12/23
FBC 2026 UPDATE	MZ	MIN	08/18/26

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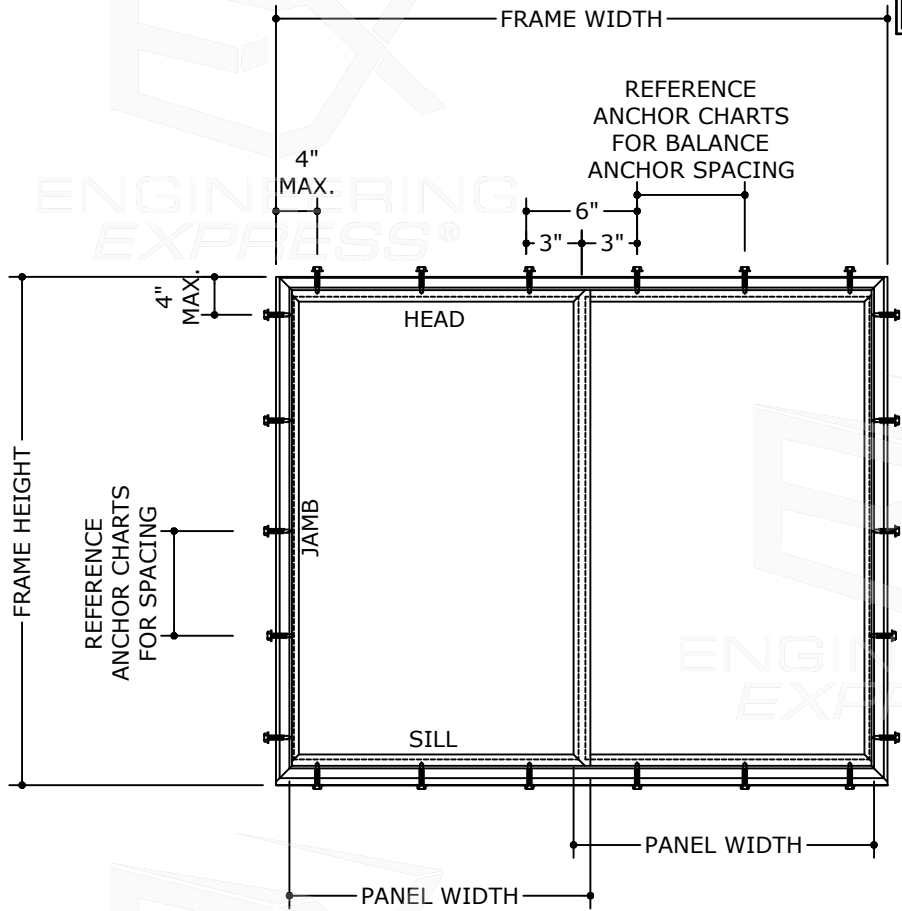
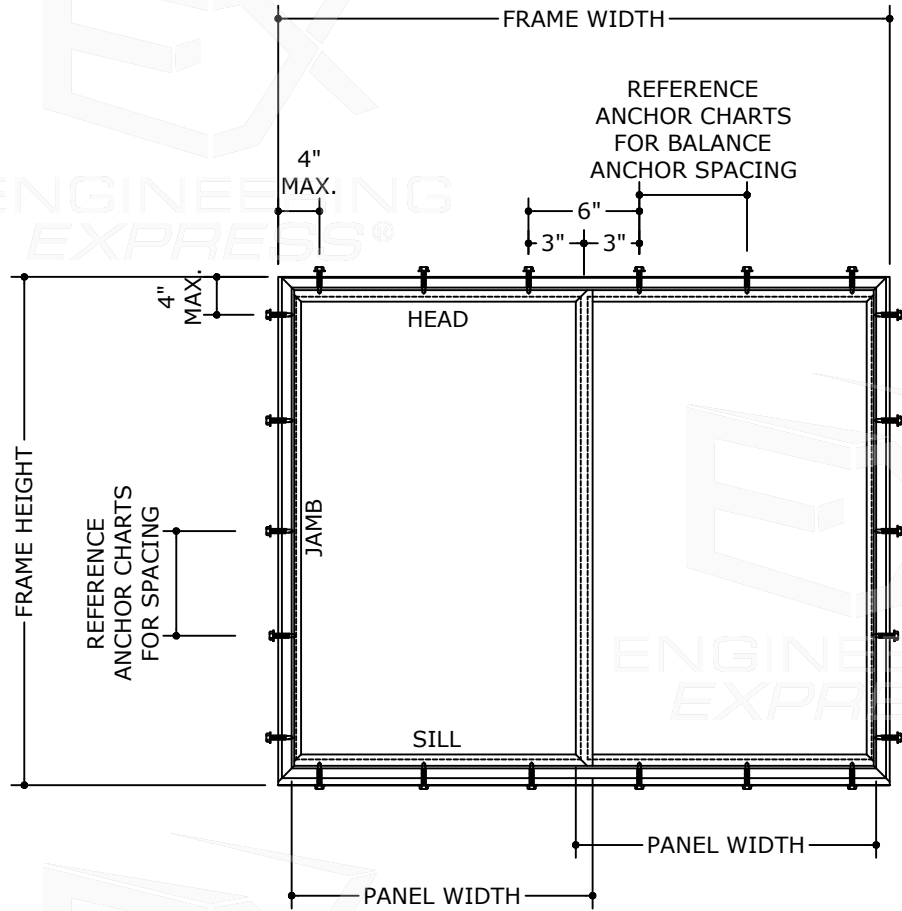
FASTENER SCHEDULE

FRANK BENNARDO, PE
PE# 46549 CA# 9885

AUGUST 18, 2026

FRANK L. BENNARDO
LICENSE
No 0046549

STATE OF
FLORIDA
PROFESSIONAL ENGINEER
SIGNED:
08/18/2026



ANCHOR SCHEDULE						
ANCHOR TYPE	ANCHOR DIAMETER	TYPE	MANUFACTURER	SUBSTRATE	MIN. EMBEDMENT (IN)	MIN. EDGE DISTANCE (IN)
A	3/16"	ULTRACON ANCHOR	DEWALT	POURED CONCRETE 3000 PSI MIN.	1-3/4	2-1/2
B	#10	SELF DRILLING SCREW GRADE 5	-	1/8" STEEL-A 36 MIN.	FULL - 3 PITCHES PAST THE THREAD PLANE	1-1/2
				1/8" ALUMINUM-6063-T6		
C	#8	WOOD SCREW	-	2X WOOD BUCK G=0.55	1-1/2	1-1/2

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ANCHOR CHARTS

FRANK BENNARDO, PE
PE# 46549 CA# 9885

AUGUST 18, 2026

FRANK L. BENNARDO

LICENSE

No 0046549

STATE OF FLORIDA

PROFESSIONAL ENGINEER

SIGNED: 08/18/2026

FRAME HEIGHT (in)	PANEL WIDTH (in)	TYPE A (CONCRETE)		TYPE B (METAL)		TYPE C (WOOD)	
		HEAD/SILL MAX ANCHOR SPACING (IN)	JAMBS MAX ANCHOR SPACING (IN)	HEAD/SILL MAX ANCHOR SPACING (IN)	JAMBS MAX ANCHOR SPACING (IN)	HEAD/SILL MAX ANCHOR SPACING (IN)	JAMBS MAX ANCHOR SPACING (IN)
24	12	6"O.C.	12"O.C.	6"O.C.	12"O.C.	6"O.C.	12"O.C.
	18	9"O.C.	12"O.C.	9"O.C.	12"O.C.	9"O.C.	12"O.C.
	24	12"O.C.	12"O.C.	12"O.C.	12"O.C.	12"O.C.	12"O.C.
	30	15"O.C.	12"O.C.	15"O.C.	12"O.C.	15"O.C.	12"O.C.
	37	18"O.C.	12"O.C.	18"O.C.	12"O.C.	18"O.C.	12"O.C.
	42	21"O.C.	12"O.C.	21"O.C.	12"O.C.	21"O.C.	12"O.C.
	48	24"O.C.	12"O.C.	24"O.C.	12"O.C.	24"O.C.	12"O.C.
30	54	27"O.C.	12"O.C.	27"O.C.	12"O.C.	27"O.C.	12"O.C.
	12	6"O.C.	15"O.C.	6"O.C.	15"O.C.	6"O.C.	15"O.C.
	18	9"O.C.	15"O.C.	9"O.C.	15"O.C.	9"O.C.	15"O.C.
	24	12"O.C.	15"O.C.	12"O.C.	15"O.C.	12"O.C.	15"O.C.
	30	15"O.C.	15"O.C.	15"O.C.	15"O.C.	15"O.C.	15"O.C.
	37	18"O.C.	15"O.C.	18"O.C.	15"O.C.	18"O.C.	15"O.C.
	42	21"O.C.	15"O.C.	21"O.C.	15"O.C.	21"O.C.	15"O.C.
36	48	24"O.C.	15"O.C.	24"O.C.	15"O.C.	24"O.C.	15"O.C.
	54	27"O.C.	15"O.C.	27"O.C.	15"O.C.	27"O.C.	15"O.C.
	12	6"O.C.	18"O.C.	6"O.C.	18"O.C.	6"O.C.	18"O.C.
	18	9"O.C.	18"O.C.	9"O.C.	18"O.C.	9"O.C.	18"O.C.
	24	12"O.C.	18"O.C.	12"O.C.	18"O.C.	12"O.C.	18"O.C.
	30	15"O.C.	18"O.C.	15"O.C.	18"O.C.	15"O.C.	18"O.C.
	37	18"O.C.	18"O.C.	18"O.C.	18"O.C.	18"O.C.	18"O.C.
	42	21"O.C.	18"O.C.	21"O.C.	18"O.C.	21"O.C.	18"O.C.
	48	24"O.C.	18"O.C.	24"O.C.	18"O.C.	16"O.C.	18"O.C.
	54	27"O.C.	18"O.C.	27"O.C.	18"O.C.	18"O.C.	18"O.C.

FRAME HEIGHT (in)	PANEL WIDTH (in)	TYPE A (CONCRETE)		TYPE B (METAL)		TYPE C (WOOD)	
		HEAD/SILL MAX ANCHOR SPACING (IN)	JAMBS MAX ANCHOR SPACING (IN)	HEAD/SILL MAX ANCHOR SPACING (IN)	JAMBS MAX ANCHOR SPACING (IN)	HEAD/SILL MAX ANCHOR SPACING (IN)	JAMBS MAX ANCHOR SPACING (IN)
42	12	6"O.C.	21"O.C.	6"O.C.	21"O.C.	6"O.C.	21"O.C.
	18	9"O.C.	21"O.C.	9"O.C.	21"O.C.	9"O.C.	21"O.C.
	24	12"O.C.	21"O.C.	12"O.C.	21"O.C.	12"O.C.	21"O.C.
	30	15"O.C.	21"O.C.	15"O.C.	21"O.C.	15"O.C.	21"O.C.
	37	18"O.C.	21"O.C.	18"O.C.	21"O.C.	18"O.C.	21"O.C.
	42	21"O.C.	21"O.C.	21"O.C.	21"O.C.	21"O.C.	21"O.C.
	48	24"O.C.	21"O.C.	24"O.C.	21"O.C.	16"O.C.	14"O.C.
48	54	27"O.C.	21"O.C.	18"O.C.	21"O.C.	18"O.C.	14"O.C.
	12	6"O.C.	24"O.C.	6"O.C.	24"O.C.	6"O.C.	24"O.C.
	18	9"O.C.	24"O.C.	9"O.C.	24"O.C.	9"O.C.	24"O.C.
	24	12"O.C.	24"O.C.	12"O.C.	24"O.C.	12"O.C.	24"O.C.
	30	15"O.C.	24"O.C.	15"O.C.	24"O.C.	15"O.C.	24"O.C.
	37	18"O.C.	24"O.C.	18"O.C.	24"O.C.	18"O.C.	24"O.C.
	42	21"O.C.	24"O.C.	21"O.C.	24"O.C.	21"O.C.	24"O.C.
54	48	24"O.C.	24"O.C.	16"O.C.	16"O.C.	16"O.C.	16"O.C.
	54	18"O.C.	24"O.C.	18"O.C.	16"O.C.	14"O.C.	16"O.C.
	12	6"O.C.	27"O.C.	6"O.C.	27"O.C.	6"O.C.	27"O.C.
	18	9"O.C.	27"O.C.	9"O.C.	27"O.C.	9"O.C.	27"O.C.
	24	12"O.C.	27"O.C.	12"O.C.	27"O.C.	12"O.C.	27"O.C.
	30	15"O.C.	27"O.C.	15"O.C.	27"O.C.	15"O.C.	27"O.C.
	37	18"O.C.	27"O.C.	18"O.C.	27"O.C.	18"O.C.	27"O.C.
59	42	21"O.C.	27"O.C.	21"O.C.	27"O.C.	21"O.C.	27"O.C.
	48	16"O.C.	18"O.C.	16"O.C.	18"O.C.	12"O.C.	14"O.C.
	54	18"O.C.	18"O.C.	18"O.C.	18"O.C.	14"O.C.	14"O.C.
	12	6"O.C.	30"O.C.	6"O.C.	30"O.C.	6"O.C.	30"O.C.
	18	9"O.C.	30"O.C.	9"O.C.	30"O.C.	9"O.C.	30"O.C.
	24	12"O.C.	30"O.C.	12"O.C.	30"O.C.	12"O.C.	30"O.C.
	30	15"O.C.	30"O.C.	15"O.C.	30"O.C.	15"O.C.	30"O.C.
	37	18"O.C.	30"O.C.	18"O.C.	30"O.C.	18"O.C.	30"O.C.
	42	21"O.C.	30"O.C.	21"O.C.	30"O.C.	21"O.C.	30"O.C.
	48	16"O.C.	20"O.C.	16"O.C.	15"O.C.	12"O.C.	15"O.C.
	54	18"O.C.	20"O.C.	14"O.C.	15"O.C.	14"O.C.	12"O.C.

NOTE: DESIGN PRESSURE FOR ABOVE ANCHOR CHART SHALL NOT EXCEED +/- 75 PSF

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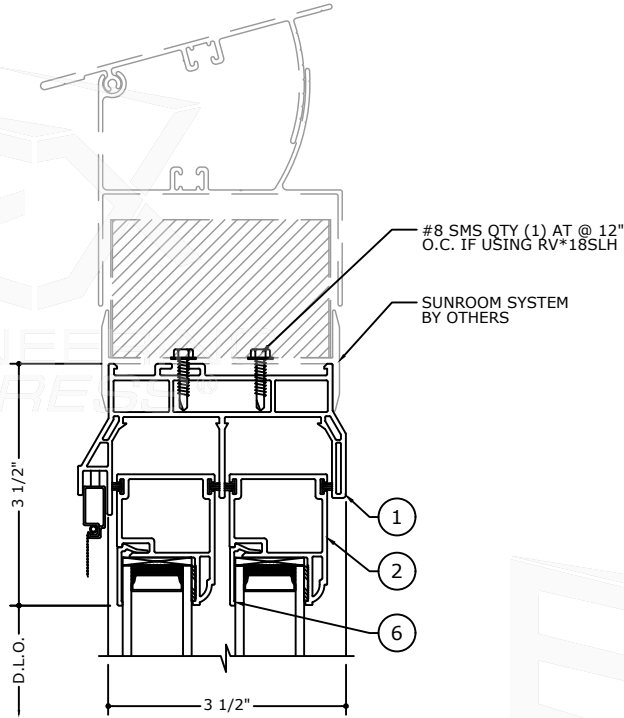
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HEAD DETAILS AT 35 PSF

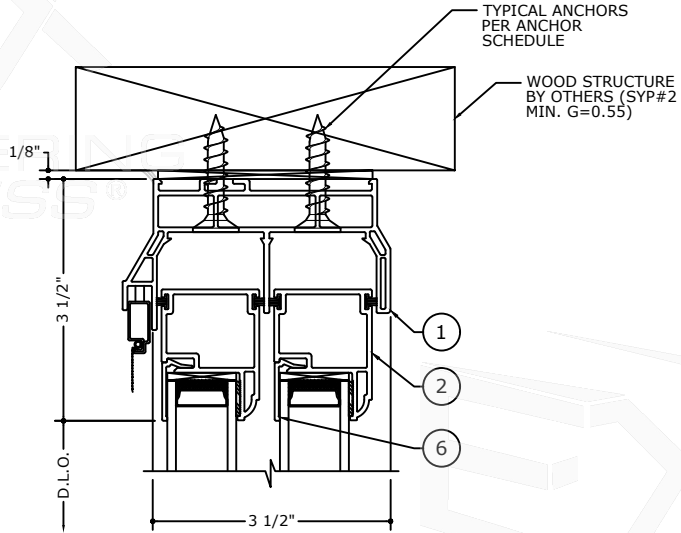
FRANK BENNARDO, PE
PE# 46549 CA# 9885

AUGUST 18, 2026

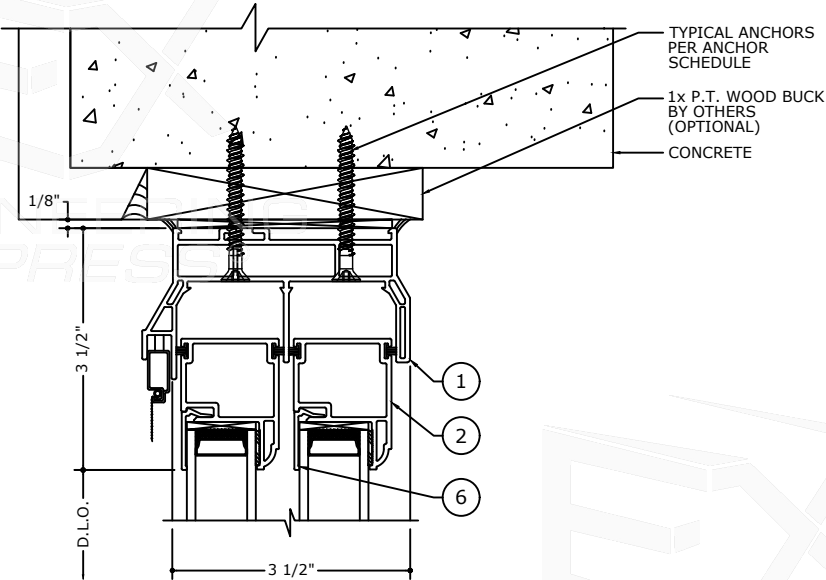
FRANK L. BENNARDO
LICENSE
No 0046549
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
SIGNED:
08/18/2026



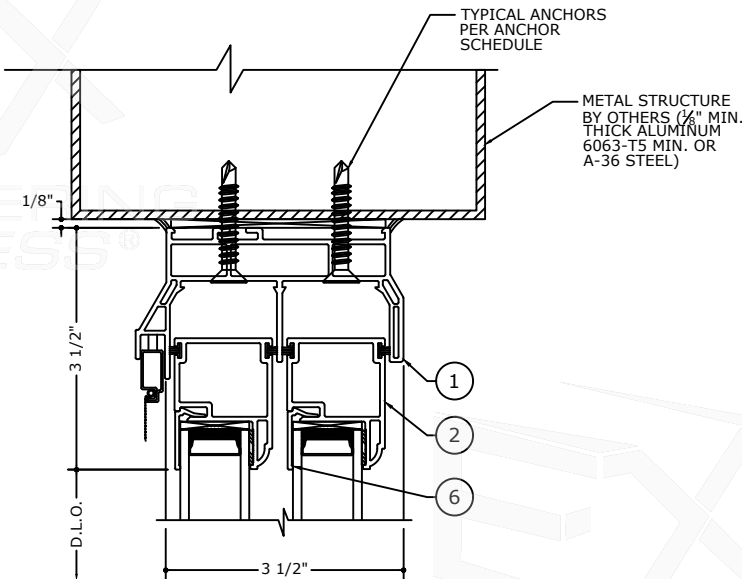
1 HEAD DETAIL
SUNROOM CONDITION



1.1 HEAD DETAIL
WOOD CONDITION



1.2 HEAD DETAIL
CONCRETE CONDITION



1.3 HEAD DETAIL
ALUMINUM / STEEL

NOTE: REFER TO SYSTEM INSTALLATION MANUAL
FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

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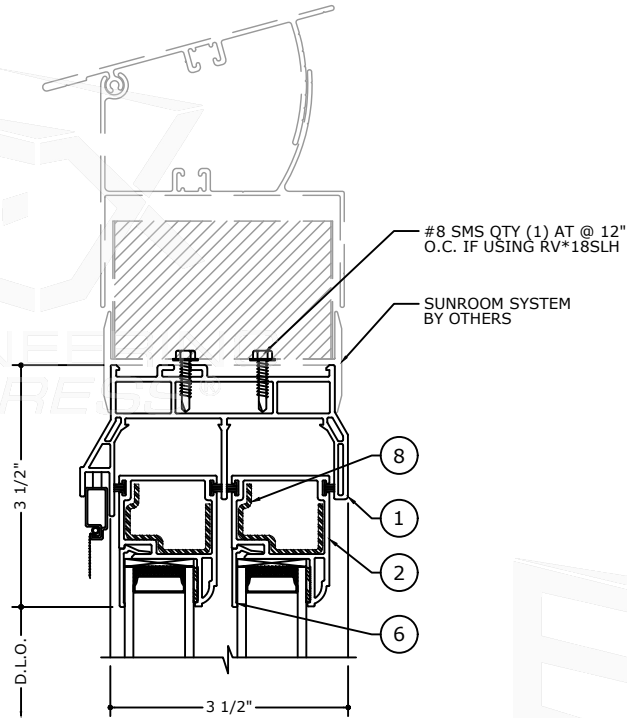
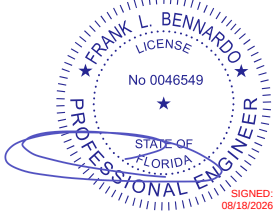
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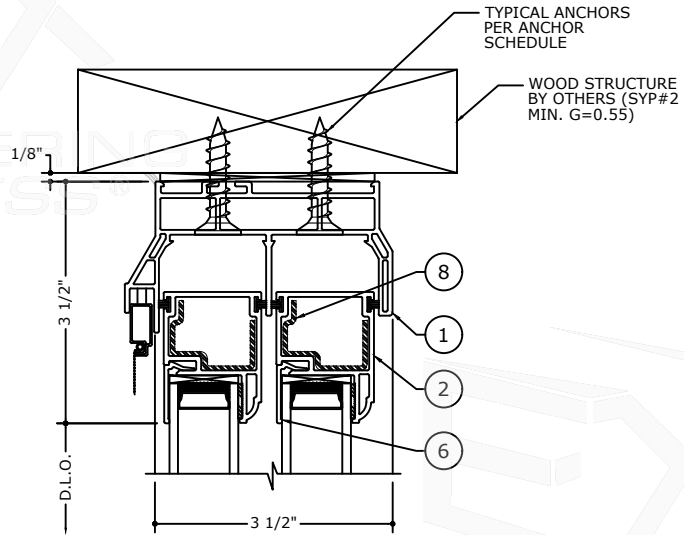
HEAD DETAILS AT 40 PSF AND 50 PSF

FRANK BENNARDO, PE
PE# 46549 CA# 9885

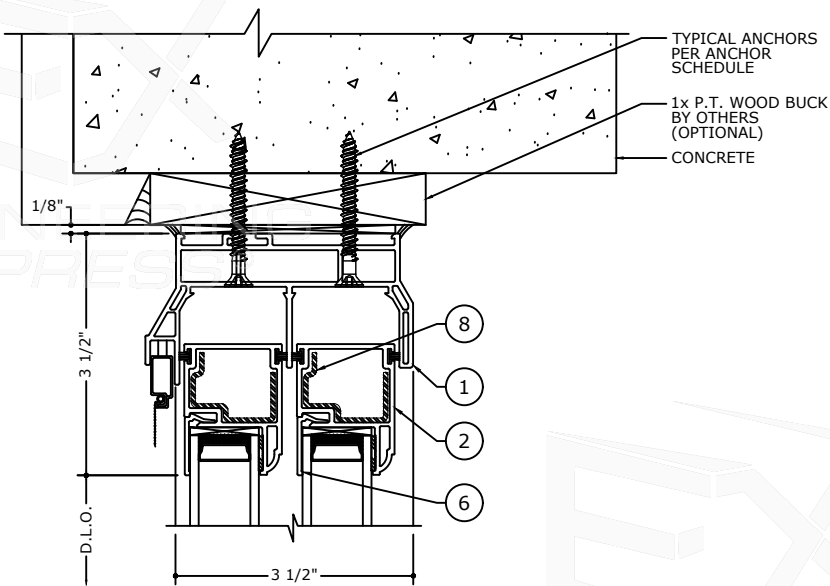
AUGUST 18, 2026



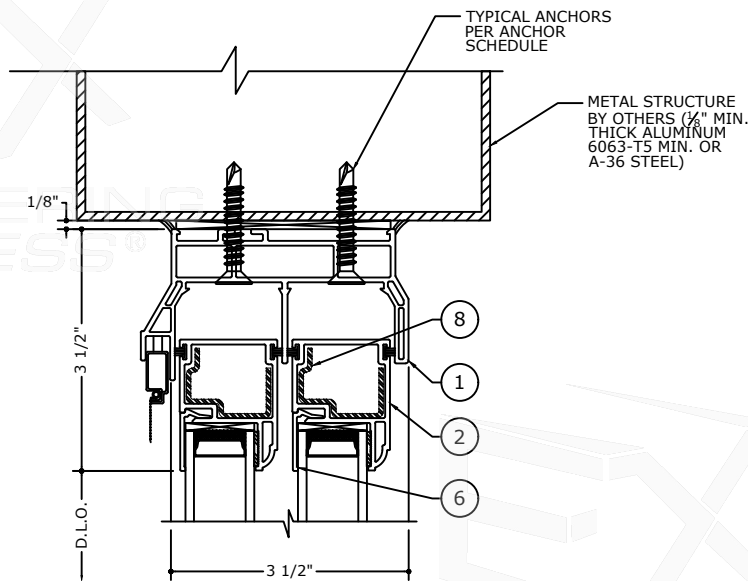
1 HEAD DETAIL
SUNROOM CONDITION



1.1 HEAD DETAIL
WOOD CONDITION



1.2 HEAD DETAIL
CONCRETE CONDITION



1.3 HEAD DETAIL
ALUMINUM / STEEL

NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

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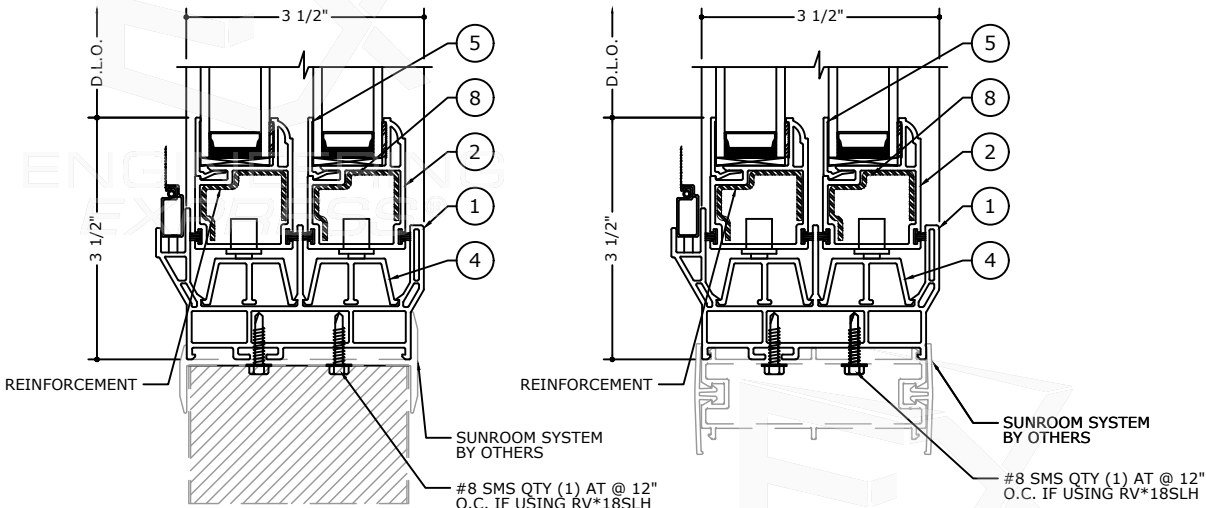
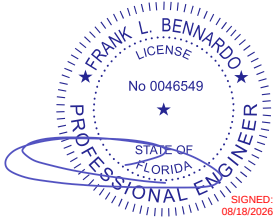
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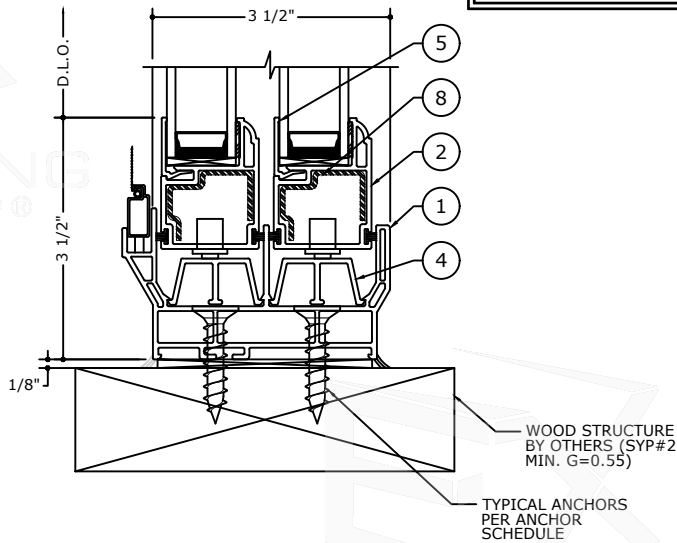
SILL DETAILS AT 40 PSF AND 50 PSF

FRANK BENNARDO, PE
PE# 46549 CA# 9885

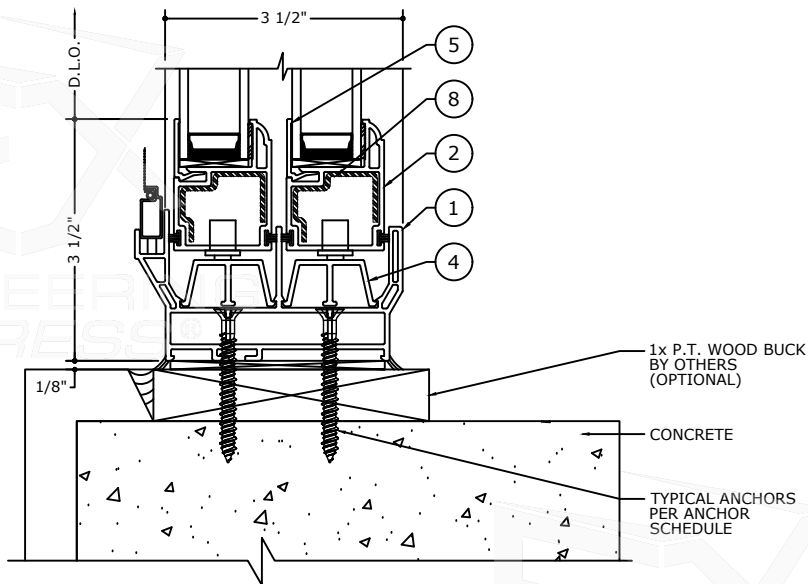
AUGUST 18, 2026



2 SILL DETAIL
SUNROOM CONDITION

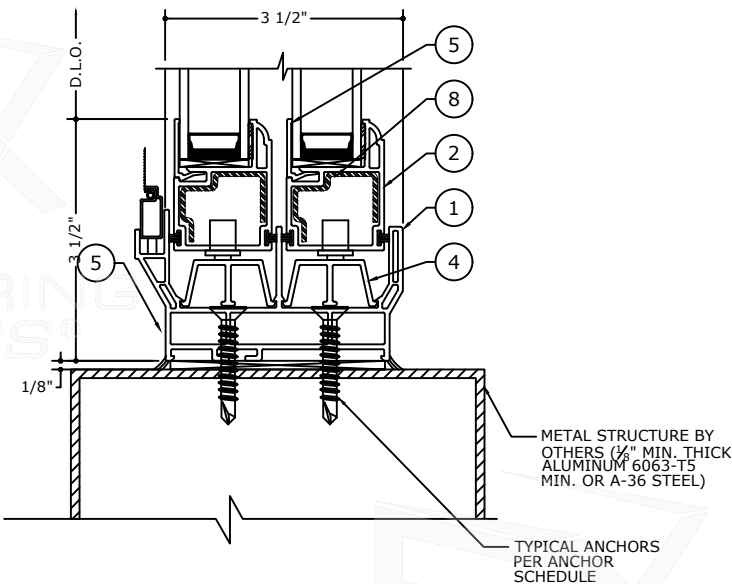


2.1 SILL DETAIL
WOOD CONDITION



2.2 SILL DETAIL
CONCRETE CONDITION

NOTE: REFER TO SYSTEM INSTALLATION MANUAL
FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.



2.3 SILL DETAIL
ALUMINUM /STEEL

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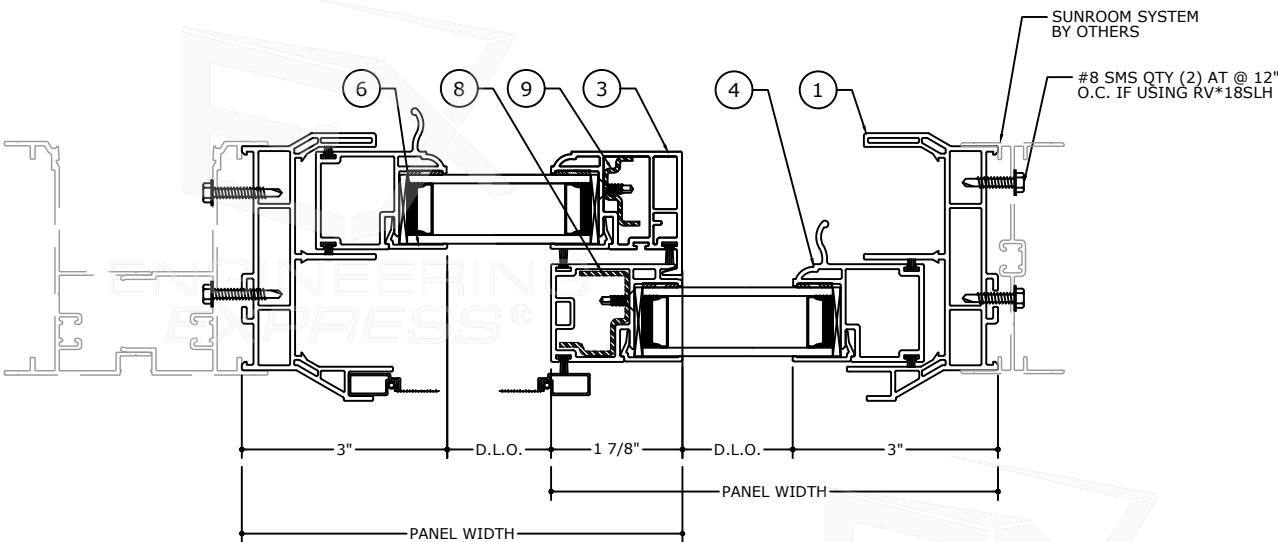
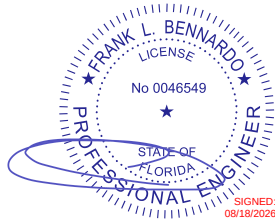
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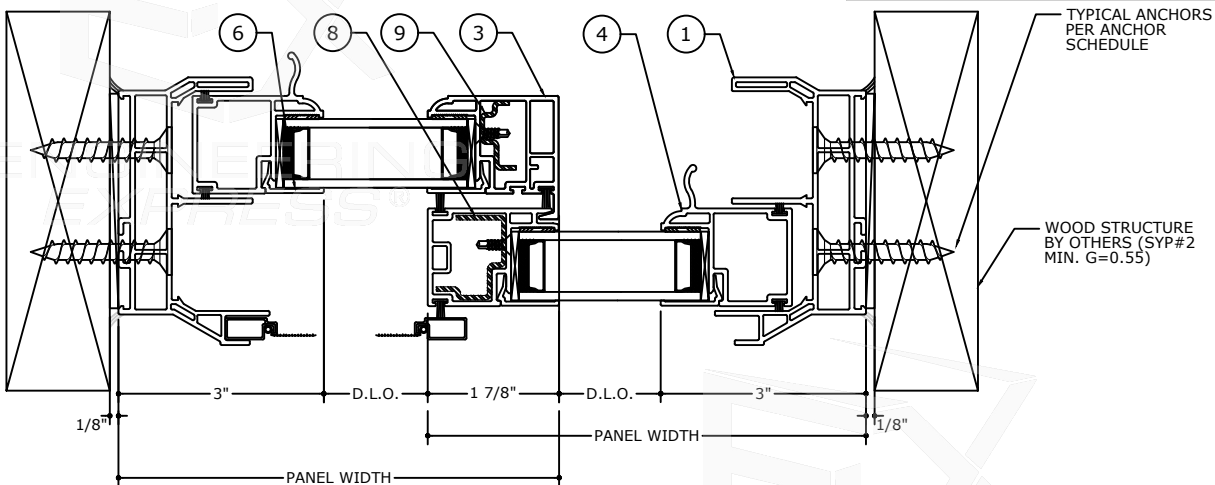
VERTICAL & INTERMEDIATE DETAILS AT 35 PSF

FRANK BENNARDO, PE
PE# 46549 CA# 9885

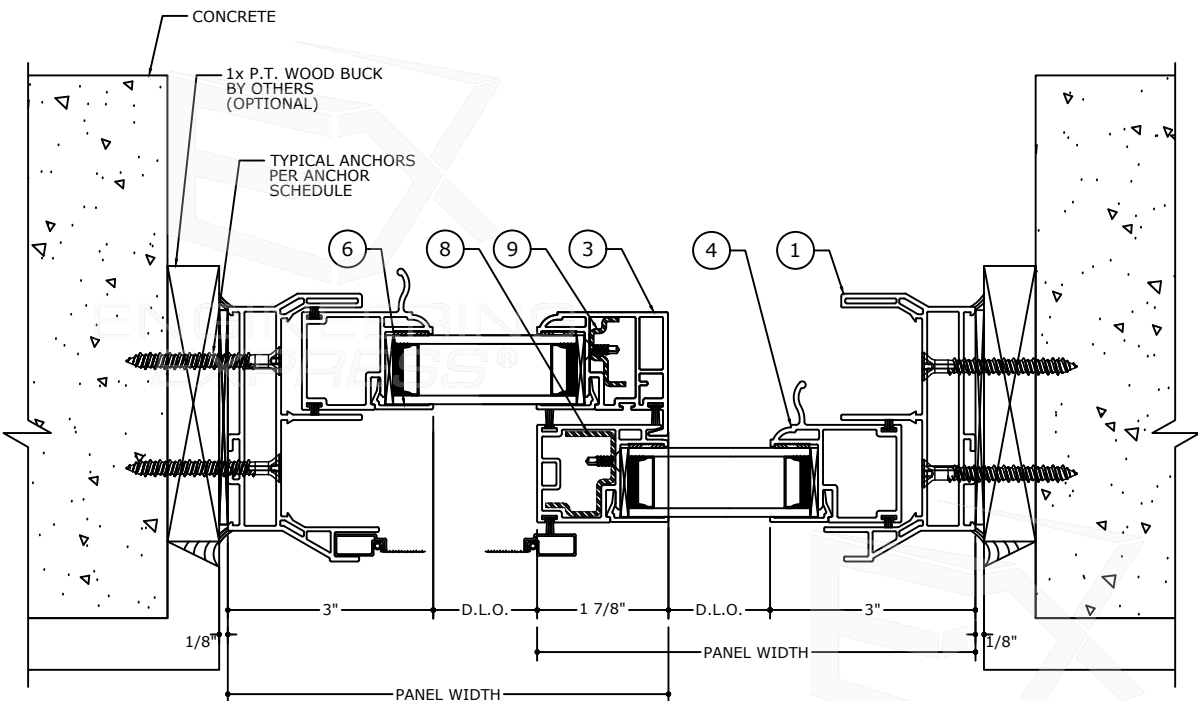
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3 VERTICAL DETAILS
SUNROOM CONDITION

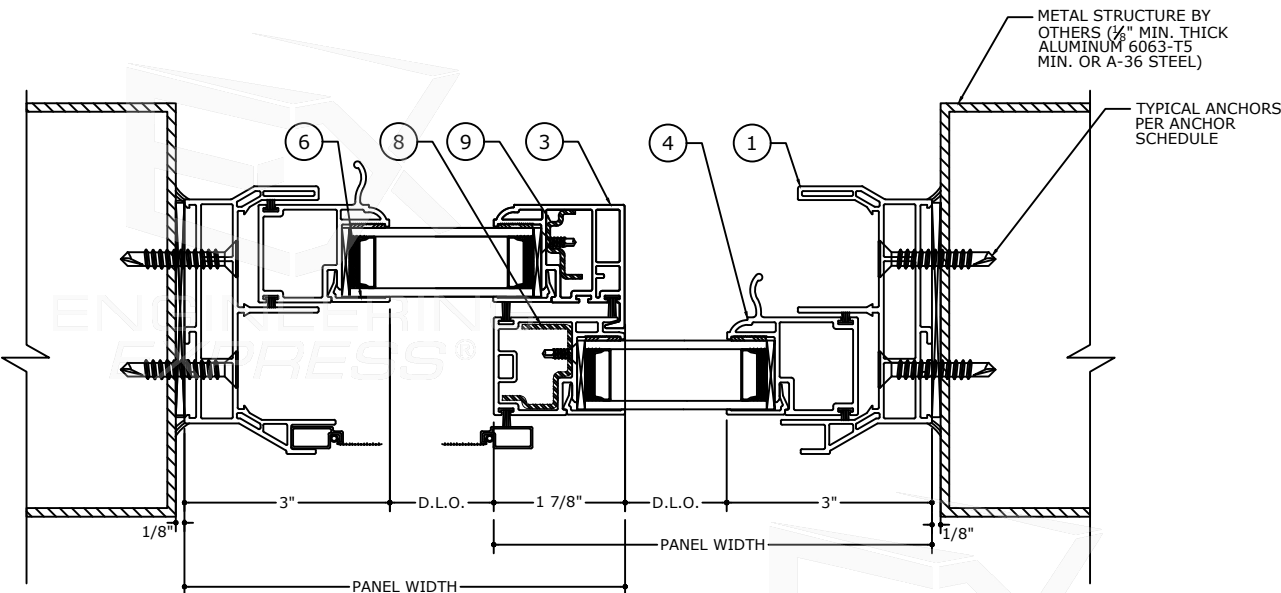


3.1 VERTICAL DETAILS
WOOD CONDITION



3.2 VERTICAL DETAILS
CONCRETE CONDITION

NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.



3.3 VERTICAL DETAILS
ALUMINUM /STEEL

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FLORIDA STATEWIDE APPROVAL (FSA FL#37818.1)

REMARKS	DRWN	CHKD	DATE
FBC 2020 (20-33488)	TAE	AJP	12/07/20
FBC 2023 UPDATE	SQ	RS	07/12/23
FBC 2026 UPDATE	MZ	MIN	08/18/26

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VERTICAL & INTERMEDIATE DETAILS AT 40 PSF AND 50 PSF

FRANK BENNARDO, PE
PE# 46549 CA# 9885

AUGUST 18, 2026

FRANK L. BENNARDO

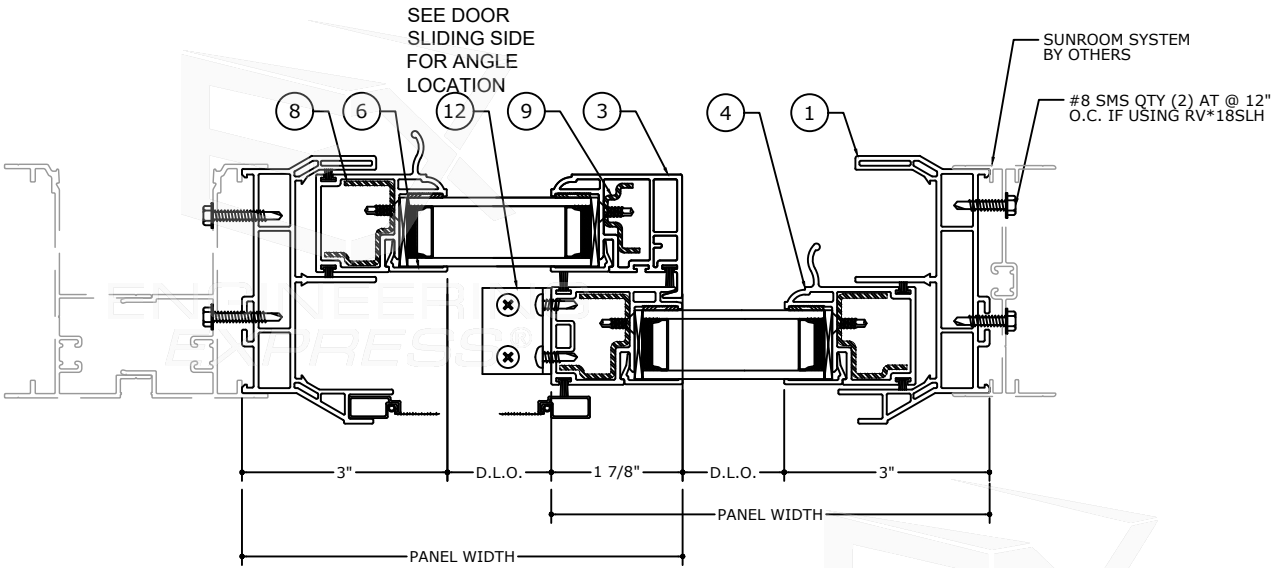
LICENSE

No 0046549

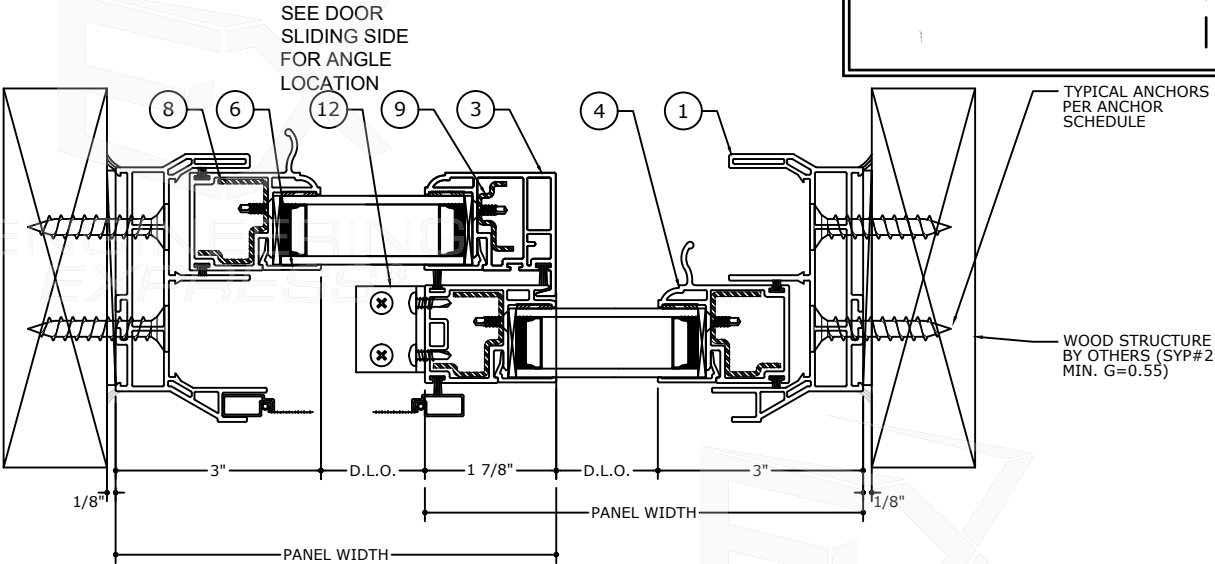
STATE OF FLORIDA

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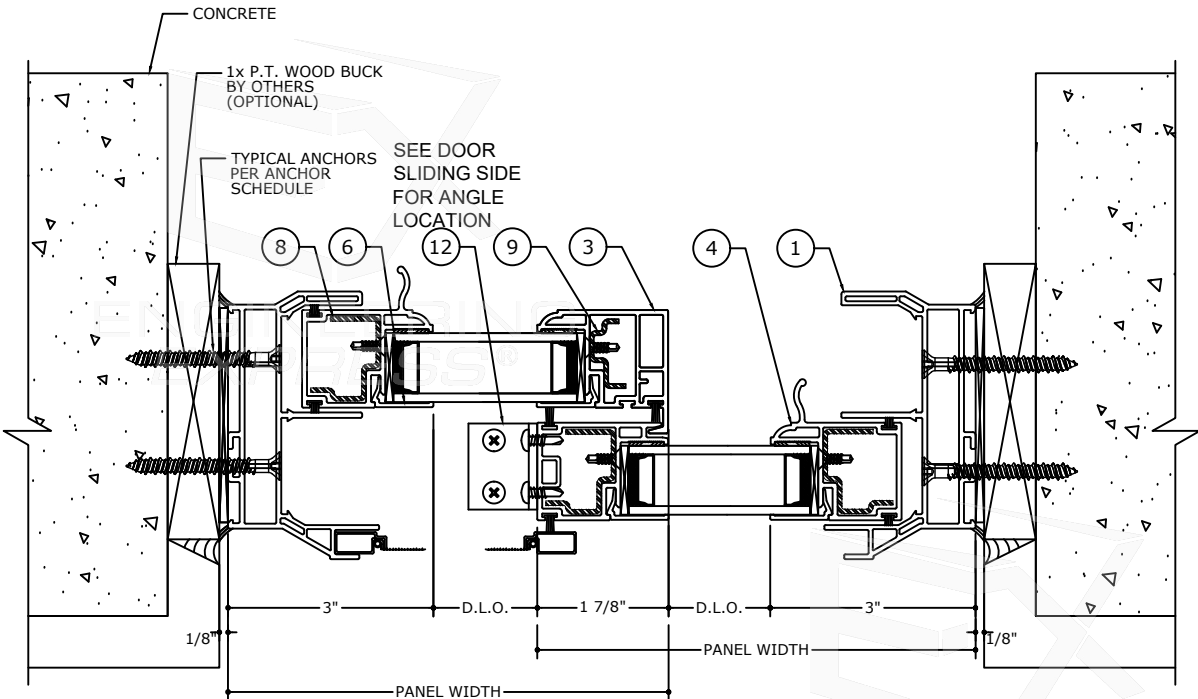
SIGNED: 08/18/2026



3 VERTICAL DETAILS
SUNROOM CONDITION

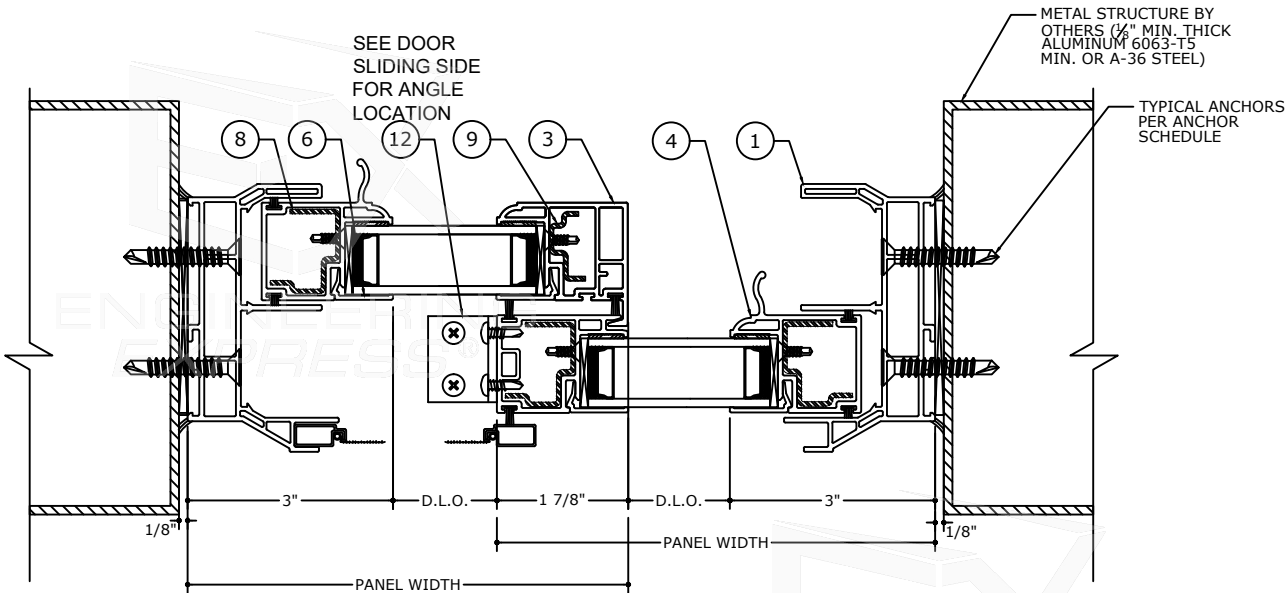


3.1 VERTICAL DETAILS
WOOD CONDITION



3.2 VERTICAL DETAILS
CONCRETE CONDITION

NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.



3.3 VERTICAL DETAILS
ALUMINUM /STEEL

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HOLBROOK, NY 11741
PH: (631) 563-4000

SERIES FSSW8000 - PVC DUAL & SINGLE SLIDING WINDOW
FLORIDA BUILDING CODE NINTH EDITION (2026)
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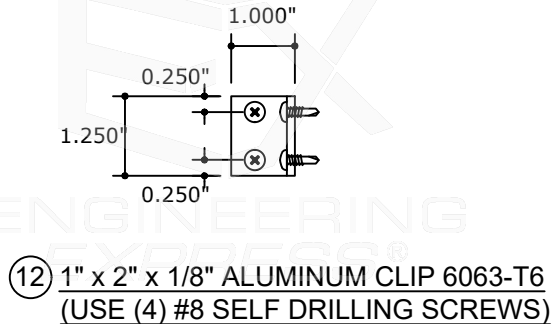
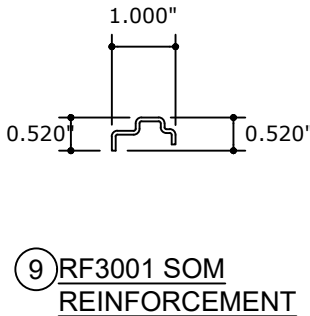
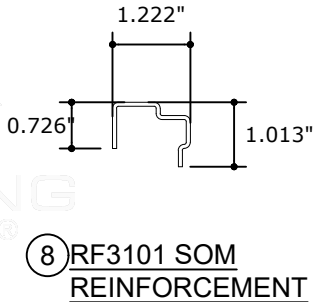
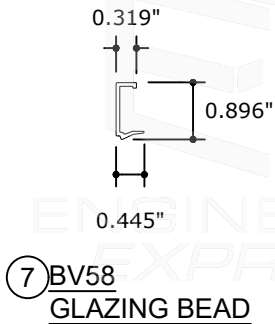
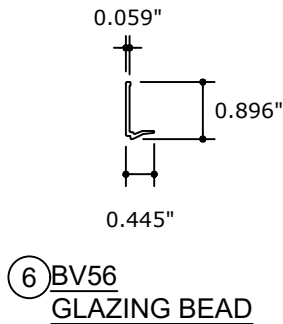
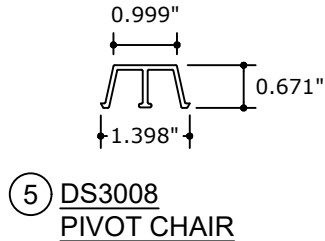
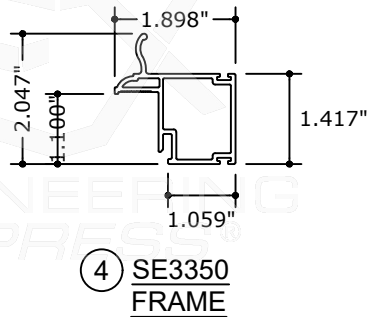
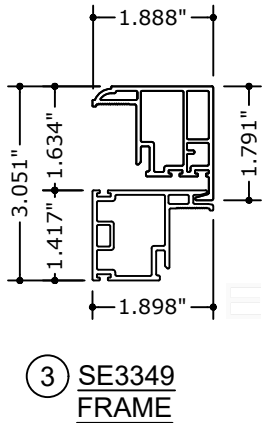
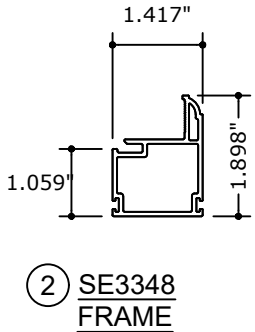
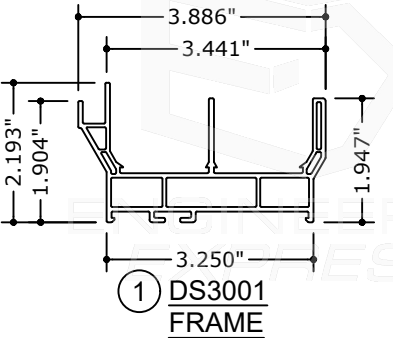
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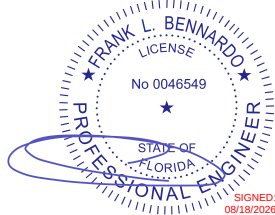
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SYSTEM COMPONENTS



FRANK BENNARDO, PE
PE# 46549 CA# 9885

AUGUST 18, 2026



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FRANK BENNARDO, PE
PE# 46549 CA# 9885

AUGUST 18, 2026

FRANK L. BENNARDO

LICENSE

No 0046549

STATE OF FLORIDA

PROFESSIONAL ENGINEER

SIGNED: 08/18/2026

BILL OF MATERIALS			
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL
01	DS3001	HEAD, SILL, JAMB FRAME	VINYL
02	SE3348	HEAD, SILL, JAMB FRAME	VINYL
03	SE3349	INTERMEDIATE HORIZONTAL FRAME	VINYL
04	SE3350	JAMB FRAME	VINYL
05	DS3008	PIVOT CHAIR	VINYL
06	BV56	GLAZING BEAD (1")	VINYL
07	BV58	GLAZING BEAD (3/4")	VINYL
08	RF3101 SOM	FORMED STEEL REINFORCEMENT	A36
09	RF3001 SOM	FORMED STEEL REINFORCEMENT	A36
10	GLAZING SHIM	TREMCO GLAZING SHIM	-
11	DOUBLE FACE TAPE	ARLON, ADHESIVE RESEARCH, VENTURE	-
12	ANGLE CLIP	1" x 2" x 1/8" ALUMINUM CLIP (USE #8 SELF DRILLING SCREWS)	6063-T6

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