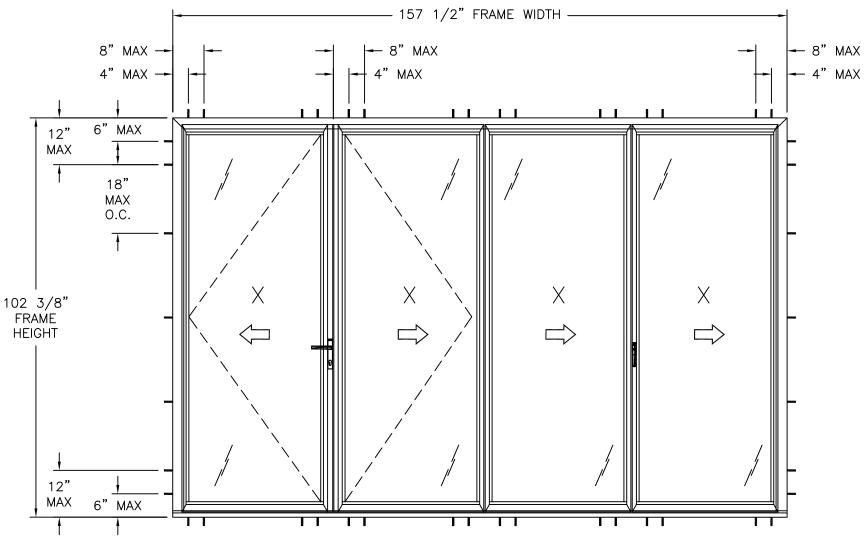
	REVISIONS									
REV	DESCRIPTION	DATE	APPROVED							

NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2. WOOD FRAMING, METAL STRUCTURE AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
- 4. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
- 5. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 6. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
- 7. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8".
- 8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
- 9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 10. FRAME MATERIAL: EXTRUDED ALUMINUM 6063-T5.
- 11. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
- 12. APPROVED IMPACT PROTECTIVE SYSTEM <u>IS REQUIRED</u> FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

- 13. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 14. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 15. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #12 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 16. ALL FASTENERS TO BE CORROSION RESISTANT.
- 17. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
- 17.A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
- 17.B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
- 17.C. MASONRY: GROUT FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
- 17.D. METAL STRUCTURE: STEEL 18GA (.048") FY= 33KSI/FU=52 KSI WITH WOOD BACKING OR MIN. 1/4" THICK STRUCTURAL STEEL

		100	SENS TO						
	TABLE OF CONTENTS		CORTE	MADERA, (1 2 4. Cla 08. 0	
SHEET NO.	DESCRIPTION	SL 60	OUTSV	VING FOLDIN		YSTEM		No. 6251# *	
1	NOTES	NON-IMPACT NOTES						STATE OF	
2	ELEVATION	DRAWN: DWG NO. REV						TO CORIDA . A	
3	DESIGN PRESSURE CHARTS	A.R.		08-03963				MONAL ENGLIS	
4	HORIZONTAL CROSS SECTION	SCALE NTS DATE 10/05/23 SHEET 1 OF 8					MINIMAL ENTE		
5 – 7	INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 208 7th Ave. INDIALANTIC. FL 32903					Luis R. Lomas P.E.		
8	COMPONENTS	208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com						FL No.: 62514	



EXTERIOR VIEW

UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS ARE APPROVED FOR PANEL SIZES REFER TO CHARTS IN SHEET 3

SL60 OUTSWING FOLDING PANEL SYSTEM

NOTES:

- 1. LOCKING SWING PANEL SIZE: 38 7/8" X 97 7/8"
- 2. KEEPER FOLDING PANEL SIZE: 38 7/8" X 97 7/8"
- 3. FOLDING PANEL SIZE: 37 1/8" X 97 7/8"
- JAMB LOCKING PANEL SIZE: 37 3/16" X 97 7/8"
- D.L.O. SIZE: 31 3/4" X 92 3/8"
- INTERMEDIATE SILL IS ALSO KNOWN AS HYBRID SILL
- RAISED SILL IS ALSO KNOWN AS HIGHER WEATHER PERFORMANCE SILL

	REVISIONS		
REV	DESCRIPTION	DATE	APPROVED

WHERE WATER PENETRATION RESISTANCE & L/175 DEFLECTION ARE REQUIRED

DESIGN PRESSURE RATING	IMPACT RATING
±20.0PSF	NONE

INTERMEDIATE OR RAISED SILL WITH WEEPS SADDLE SILL W WEEPS IN SILL TRACK AND BAFFLES

WHERE WATER PENETRATION RESISTANCE IS REQUIRED

DESIGN PRESSURE RATING	IMPACT RATING
+50.0/-45.0PSF	NONE

INTERMEDIATE OR RAISED SILL WITH WEEPS

WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED

DESIGN PRESSURE RATING	IMPACT RATING
+50.0/-45.0PSF	NONE

INTERMEDIATE OR RAISED SILL WITH WEEPS

WHERE WATER PENETRATION RESISTANCE IS REQUIRED

DESIGN PRESSURE RATING	IMPACT RATING
±40.0PSF	NONE

SADDLE SIIL W/WEEPS AND BAFFLES

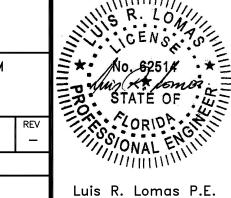
WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED

DESIGN PRESSURE RATING	IMPACT RATING
+45.0/-40.0PSF	NONE

SADDLE OR FLUSH SILL

SIGNED: 12/16/2023

NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925 SL 60 OUTSWING FOLDING PANEL SYSTEM NON-IMPACT **ELEVATION** DRAWN: DWG NO. A.R. 08-03963 SHEET 2 SCALE NTS DATE 10/05/23 OF 8 L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com



FL No.: 62514



	Maximum Design pressure (psf)													
Panel	Panel Single Panel Width (in)													
Height	24.	.00	30.	00	36.	.00	38.	.88	42.	.00	48.	3.00		
(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg		
80.00	30.00	30.00	30.00	30.00	26.42	26.42	24.47	24.47	22.65	22.65	19.82	19.82		
84.00	30.00	30.00	29.46	29.46	25.16	25.16	23.30	23.30	21.57	21.57	18.87	18.87		
90.00	30.00	30.00	27.10	27.10	23.49	23.49	21.75	21.75	20.13	20.13	17.62	17.62		
96.00	30.00	30.00	25.10	25.10	21.72	21.72	20.39	20.39	18.87	18.87	16.51	16.51		
97.88	29.59	29.59	24.53	24.53	21.21	21.21	20.00	20.00	18.51	18.51	16.20	16.20		
102.00	27.45	27.45	22.24	22.24	18.82	18.82	17.58	17.58	16.44	16.44	-	-		
108.00	23.07	23.07	18.66	18.66	15.77	15.77	-	-	-	-	-	-		
114.00	19.57	19.57	15.82	15.82	-	-	-	-	-	-	-	-		
120.00	16.75	16.75	-	-	-	-	1	-	-	-	-	-		

INTERM EDIATE OR RAISED SILL WITH WEEPS

SADDLE SILL WITH WEEPS IN SILL TRACK AND INNERMOST TRACK WITH BAFFLE WHERE WATER PENETRATION RESISTANCE AND L/175 DEFLECTION ARE REQUIRED

Chart #2

	Offare II 2													
Maximum Design pressure (psf)														
Panel	Single Panel Width (in)													
Height	24.	00	30.	00	36.	00	38.	.88	42.	.00	48.00			
(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg		
80.00	65.00	67.50	65.00	67.50	65.00	59.45	61.17	55.05	56.62	50.96	49.54	44.59		
84.00	65.00	67.50	65.00	66.29	62.91	56.62	58.26	52.43	53.92	48.53	47.18	42.47		
90.00	65.00	67.50	65.00	60.99	58.72	52.85	54.38	48.94	50.33	45.30	44.04	39.63		
96.00	65.00	67.50	62.74	56.47	54.30	48.87	50.98	45.88	47.18	42.47	41.29	37.16		
97.88	65.00	66.58	61.32	55.19	53.02	47.72	50.00	45.00	46.28	41.65	40.49	36.45		
102.00	65.00	61.76	55.60	50.04	47.06	42.35	43.95	39.55	41.09	36.98	36.74	33.06		
108.00	57.67	51.90	46.66	41.99	39.42	35.48	36.79	33.11	34.35	30.92	30.64	27.58		
114.00	48.93	44.04	39.54	35.59	33.36	30.03	31.11	28.00	29.02	26.12	25.84	23.25		
120.00	41.88	37.69	33.81	30.43	28.49	25.64	26.55	23.89	24.75	22.27	21.99	19.79		
126.00	36.13	32.51	29.14	26.23	24.53	22.08	22.84	20.56	21.28	19.15	18.88	16.99		
132.00	31.38	28.24	25.29	22.76	21.27	19.14	19.80	17.82	18.43	16.59	16.34	-		

INTERM EDIATE OR RAISED SILL WITH WEEPS
WHERE WATER PENETRATION RESISTANCE IS REQUIRED

Chart #3

	Offart #0													
	Maximum Design pressure (psf)													
Panel	Panel Single Panel Width (in)													
Height	24.	.00	30.	00	36.	00	38.	.88	42.	.00	48.	.00		
(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg		
80.00	75.00	67.50	75.00	67.50	66.06	59.45	61.17	55.05	56.62	50.96	49.54	44.59		
84.00	75.00	67.50	73.65	66.29	62.91	56.62	58.26	52.43	53.92	48.53	47.18	42.47		
90.00	75.00	67.50	67.76	60.99	58.72	52.85	54.38	48.94	50.33	45.30	44.04	39.63		
96.00	75.00	67.50	62.74	56.47	54.30	48.87	50.98	45.88	47.18	42.47	41.29	37.16		
97.88	73.98	66.58	61.32	55.19	53.02	47.72	50.00	45.00	46.28	41.65	40.49	36.45		
102.00	68.62	61.76	55.60	50.04	47.06	42.35	43.95	39.55	41.09	36.98	36.74	33.06		
108.00	57.67	51.90	46.66	41.99	39.42	35.48	36.79	33.11	34.35	30.92	30.64	27.58		
114.00	48.93	44.04	39.54	35.59	33.36	30.03	31.11	28.00	29.02	26.12	25.84	23.25		
120.00	41.88	37.69	33.81	30.43	28.49	25.64	26.55	23.89	24.75	22.27	21.99	19.79		
126.00	36.13	32.51	29.14	26.23	24.53	22.08	22.84	20.56	21.28	19.15	18.88	16.99		
132.00	31.38	28.24	25.29	22.76	21.27	19.14	19.80	17.82	18.43	16.59	16.34	-		

INTERM EDIATE OR RAISED SILL WITH WEEPS
WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED

	REVISIONS		
REV	DESCRIPTION	DATE	APPROVED

Chart #4

Maximum Design pressure (psf)												
Panel	Single Panel Width (in)											
Height	eight 24.00		30.00		36.00		38.88		42.00		48.00	
(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	40.00	60.00	40.00	60.00	40.00	52.85	40.00	48.94	40.00	45.30	40.00	39.63
84.00	40.00	60.00	40.00	58.92	40.00	50.33	40.00	46.61	40.00	43.14	40.00	37.75
90.00	40.00	60.00	40.00	54.21	40.00	46.97	40.00	43.50	40.00	40.26	39.63	35.23
96.00	40.00	60.00	40.00	50.19	40.00	43.44	40.00	40.78	40.00	37.75	37.16	33.03
97.88	40.00	59.18	40.00	49.06	40.00	42.42	40.00	40.00	40.00	37.02	36.45	32.40
102.00	40.00	54.90	40.00	44.48	40.00	37.65	39.55	35.16	36.98	32.87	33.06	29.39
108.00	40.00	46.14	40.00	37.33	35.48	31.54	33.11	29.43	30.92	27.48	27.58	24.51
114.00	40.00	39.15	35.59	31.64	30.03	26.69	28.00	24.89	26.12	23.22	23.25	20.67
120.00	37.69	33.51	30.43	27.05	25.64	22.79	23.89	21.24	22.27	19.80	19.79	17.59
126.00	32.51	28.90	26.23	23.31	22.08	19.62	20.56	18.27	19.15	17.02	16.99	15.11
132.00	28.24	25.10	22.76	20.23	19.14	17.02	17.82	15.84	16.59	-	-	-

SADDLE SILL WITH WEEPS IN SILL TRACK AND INNERMOST TRACK WITH BAFFLE WHERE WATER PENETRATION RESISTANCE IS REQUIRED

Chart #5

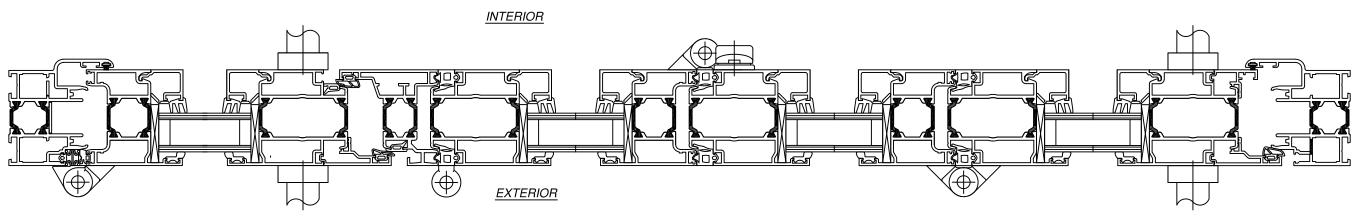
Maximum Design pressure (psf)												
Panel	Single Panel Width (in)											
Height	24.00		30.00		36.00		38.88		42.00		48.00	
(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	67.50	60.00	67.50	60.00	59.45	52.85	55.05	48.94	50.96	45.30	44.59	39.63
84.00	67.50	60.00	66.29	58.92	56.62	50.33	52.43	46.61	48.53	43.14	42.47	37.75
90.00	67.50	60.00	60.99	54.21	52.85	46.97	48.94	43.50	45.30	40.26	39.63	35.23
96.00	67.50	60.00	56.47	50.19	48.87	43.44	45.88	40.78	42.47	37.75	37.16	33.03
97.88	66.58	59.18	55.19	49.06	47.72	42.42	45.00	40.00	41.65	37.02	36.45	32.40
102.00	61.76	54.90	50.04	44.48	42.35	37.65	39.55	35.16	36.98	32.87	33.06	29.39
108.00	51.90	46.14	41.99	37.33	35.48	31.54	33.11	29.43	30.92	27.48	27.58	24.51
114.00	44.04	39.15	35.59	31.64	30.03	26.69	28.00	24.89	26.12	23.22	23.25	20.67
120.00	37.69	33.51	30.43	27.05	25.64	22.79	23.89	21.24	22.27	19.80	19.79	17.59
126.00	32.51	28.90	26.23	23.31	22.08	19.62	20.56	18.27	19.15	17.02	16.99	15.11
132.00	28.24	25.10	22.76	20.23	19.14	17.02	17.82	15.84	16.59	-	-	-

SADDLE OR FLUSH SILL

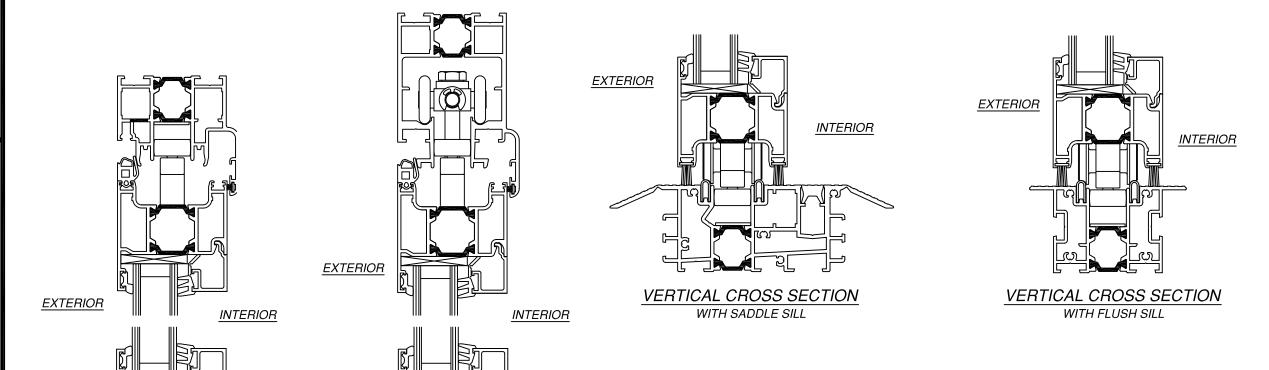
WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED

	MEADO	WCREEK	'STEMS, DRIVE, SU ., CA 949	ITE 2	50		CENSO. 70
SL 60	OUTSV DESIG	No. 62514 * No. 62514 * D. Mus K* somor					
DRAWN:		DWG NO.				REV	ORIDA
A.R.			08-0396	3		_	MONAL ENGLI
SCALE NTS	DATE 1	0/05/23	SHEET 3	OF	8		Milling
	208 7 434-688	Luis R. Lomas P.E. FL No.: 62514					
			•		•		

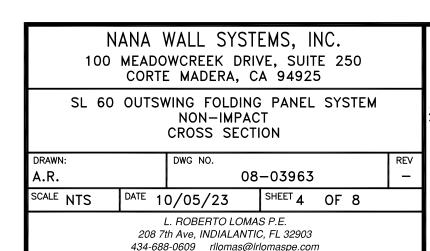
REVISIONS REV DESCRIPTION DATE APPROVED

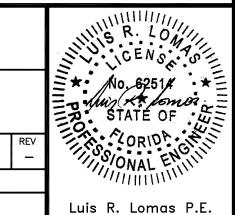


HORIZONTAL CROSS SECTION



SIGNED: 12/16/2023





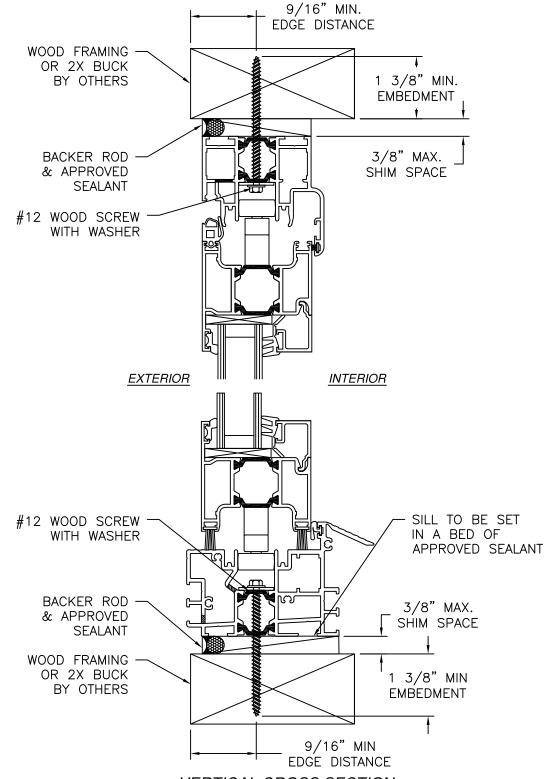
Luis R. Lomas P.E. FL No.: 62514



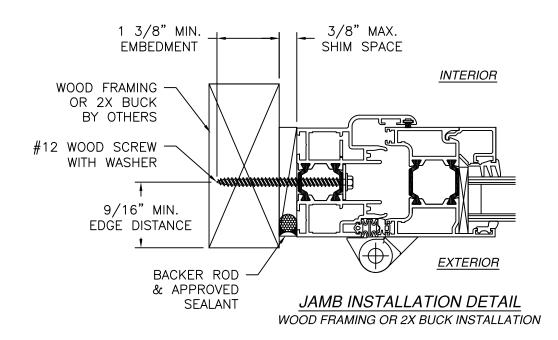


REVISIONS

REV DESCRIPTION DATE APPROVED

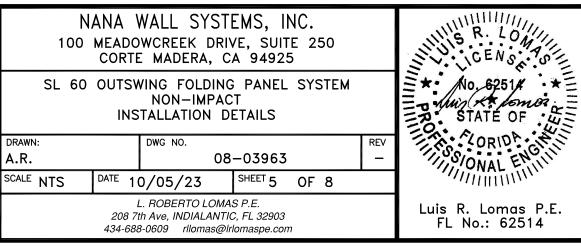


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
INTERMEDIATE SILL SHOWN, OTHER SILLS SIMILAR

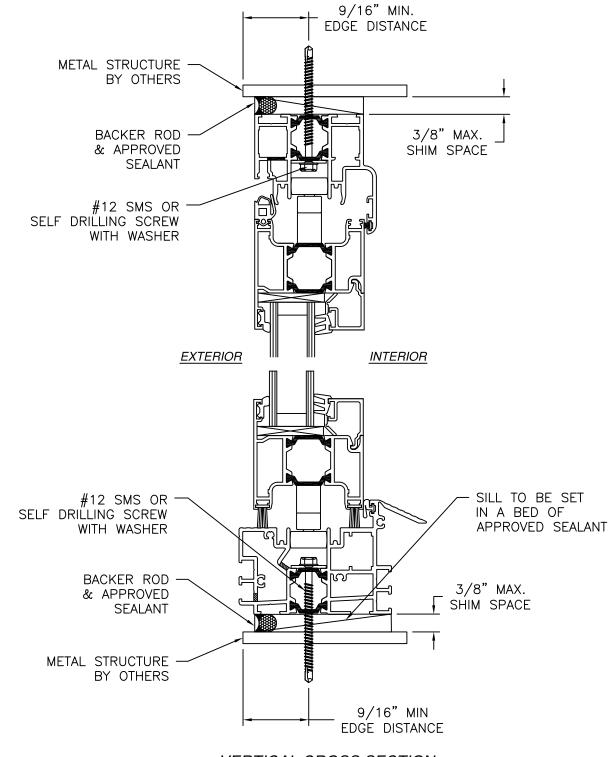


NOTES:

- 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
- 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
- 3. WEEP HOLES IN SADDLE SILL ARE FIELD INSTALLED AND ARE NOT SHOWN FOR CLARITY

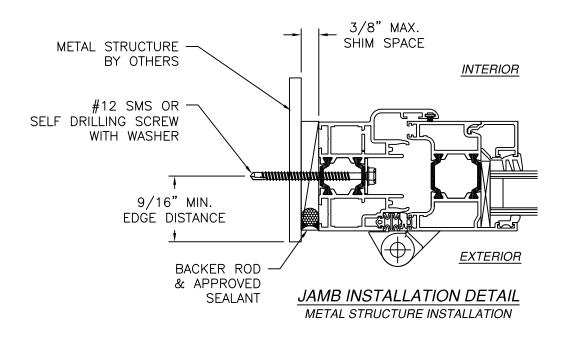


REVISIONS									
REV	DESCRIPTION	DATE	APPROVED						



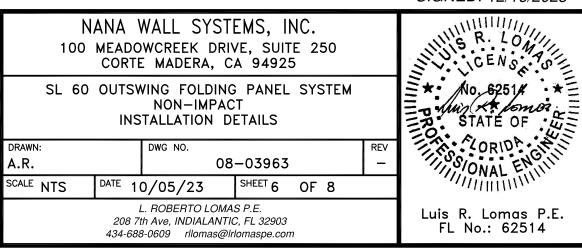
VERTICAL CROSS SECTION

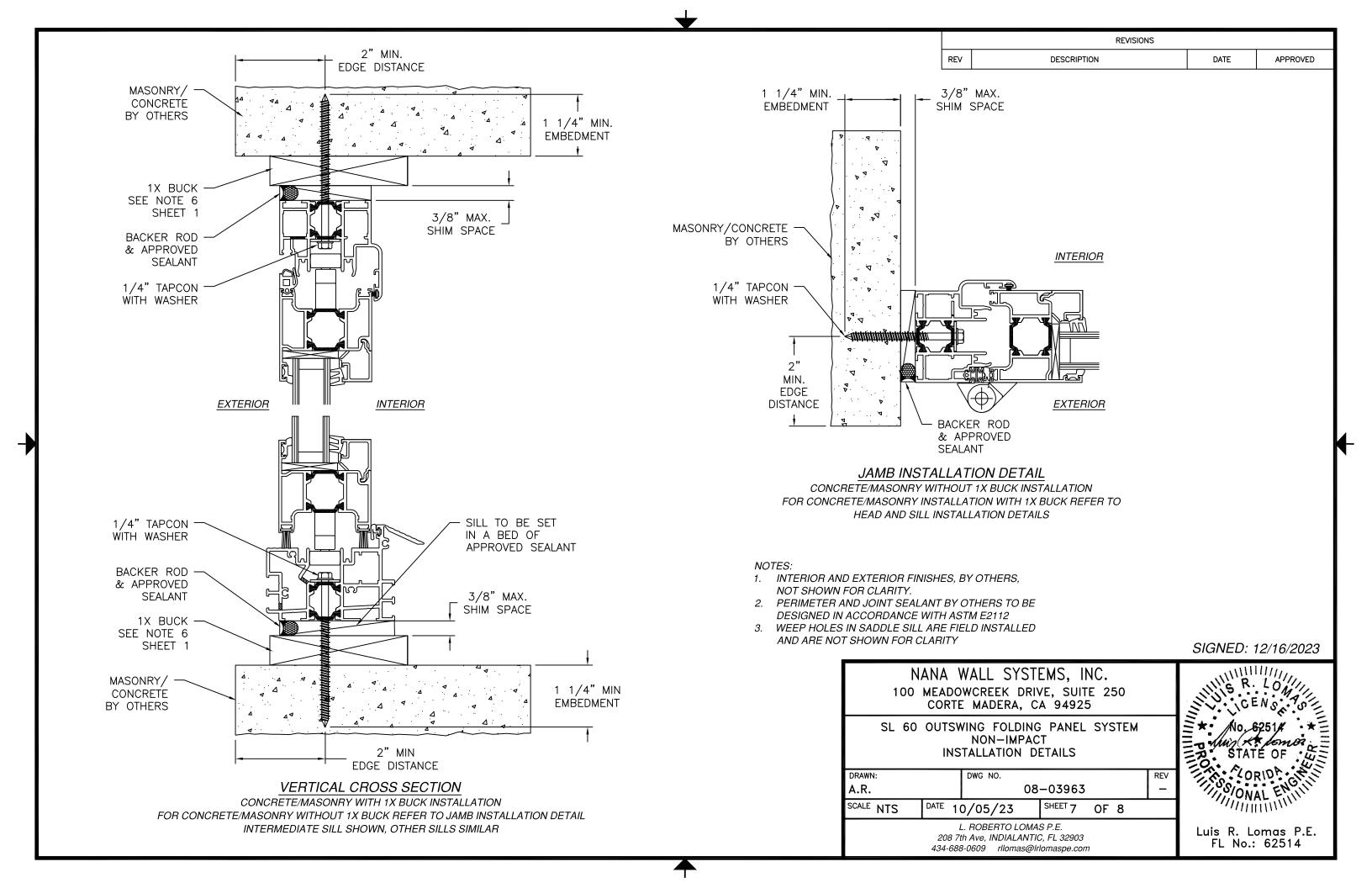
METAL STRUCTURE INSTALLATION
INTERMEDIATE SILL SHOWN, OTHER SILLS SIMILAR



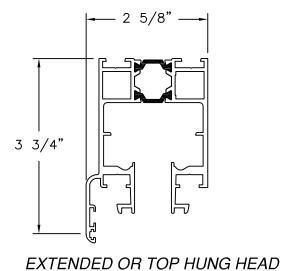
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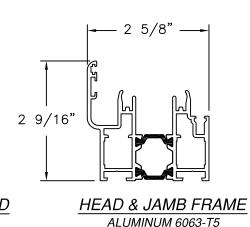
- 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
- 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
- 3. WEEP HOLES IN SADDLE SILL ARE FIELD INSTALLED AND ARE NOT SHOWN FOR CLARITY

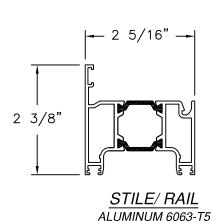


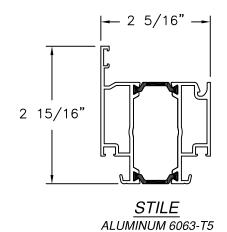


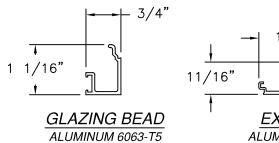
REVISIONS REV DESCRIPTION DATE APPROVED

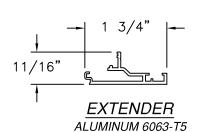


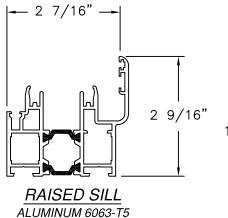




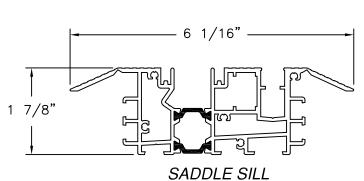




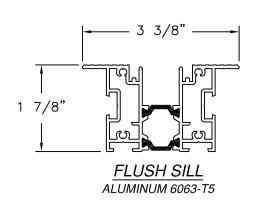


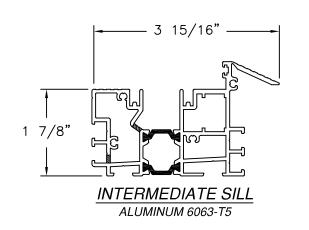


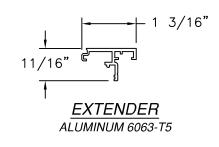
ALUMINUM 6063-T5

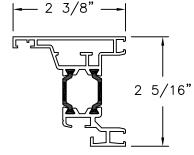


ALUMINUM 6063-T5









RUNNING POST ALUMINUM 6063-T5

NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925

SL 60 OUTSWING FOLDING PANEL SYSTEM NON-IMPACT COMPONENTS

DRAWN: DWG NO. A.R. 08-03963 SCALE NTS DATE 10/05/23 SHEET 8 OF 8

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