	REVISIONS		
REV	DESCRIPTION	DATE	APPROVED

NOTES:

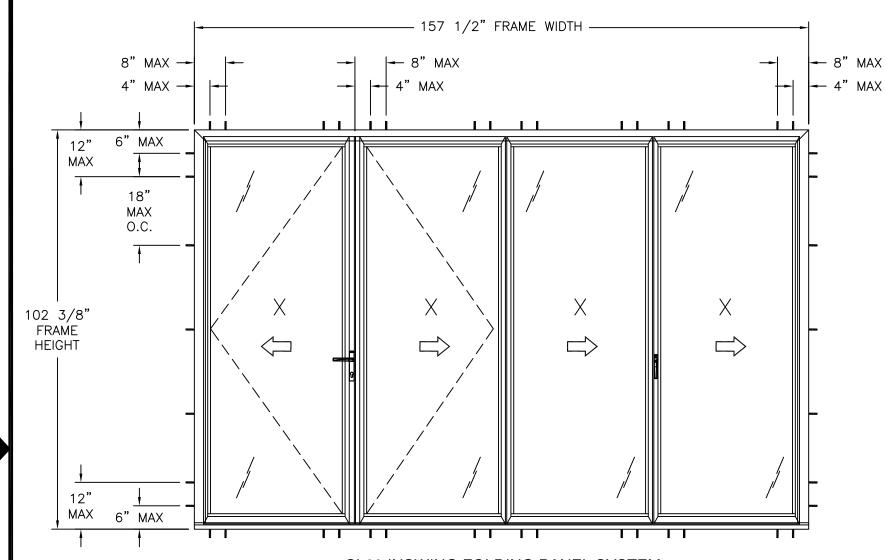
- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2. WOOD FRAMING, METAL STRUCTURE AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE 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 IS REQUIRED 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 PLATE 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

SIGNED: 12/16/2023

			MEADO	WALL SYST WCREEK DRI' MADERA, C	VE, ŚUITE	250		CENO 70
	TABLE OF CONTENTS	<u> </u>						3
SHEET NO.	DESCRIPTION	SL 60) INSW	ING FOLDING NON-IMPAC		YSTEM		10.6251x *
1	NOTES	1		NOTES	, 1			STATE OF
2	ELEVATION	DRAWN:		DWG NO.			REV	TO PORIDA .
3	DESIGN PRESSURE CHARTS	A.R.		08	-03962		_	1100/ONAL ENGLIS
4	HORIZONTAL CROSS SECTION	SCALE NTS	DATE 1	0/04/23	SHEET 1	OF 8		mininu.
5 – 7	INSTALLATION DETAILS			L. ROBERTO LOMA th Ave, INDIALANTI				Luis R. Lomas P.E.
8	COMPONENTS		434-688	,	rlomaspe.com			FL No.: 62514

REVISIONS DESCRIPTION REV 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
±45.0PSF	NONE

INTERMEDIATE OR RAISED SILL WITH WEEPS

WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	NONE

INTERMEDIATE OR RAISED SILL WITH WEEPS

WHERE WATER PENETRATION RESISTANCE IS REQUIRED

DESIGN PRESSURE RATING	IMPACT RATING
+45.0/-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

SL60 INSWING FOLDING PANEL SYSTEM

EXTERIOR VIEW

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

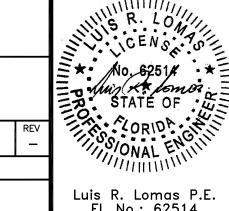
SIGNED: 12/16/2023

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

SL 60 INSWING FOLDING PANEL SYSTEM NON-IMPACT **ELEVATION**

DRAWN: DWG NO. A.R. 08-03962 SCALE NTS SHEET 2 DATE 10/04/23 OF 8

L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com



FL No.: 62514

NOTES:

- 1. LOCKING SWING PANEL SIZE: 38 7/8" X 97 7/8"
- KEEPER FOLDING PANEL SIZE: 38 7/8" X 97 7/8"
- 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
- 7. RAISED SILL IS ALSO KNOWN AS HIGHER WEATHER PERFORMANCE SILL

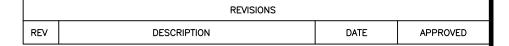


Chart #1

				Maxim	um De	sign p	ressure	e (psf)				
Panel					Sing	le Pane	el Width	i (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	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	-	-	-	-	-	-	-	-	-	-

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 #3

	Maximum Design pressure (psf)														
Panel					Sing	le Pane	el Width	i (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	67.50	67.50	67.50	59.45	59.45	55.05	55.05	50.96	50.96	44.59	44.59			
84.00	67.50	67.50	66.29	66.29	56.62	56.62	52.43	52.43	48.53	48.53	42.47	42.47			
90.00	67.50	67.50	60.99	60.99	52.85	52.85	48.94	48.94	45.30	45.30	39.63	39.63			
96.00	67.50	67.50	56.47	56.47	48.87	48.87	45.88	45.88	42.47	42.47	37.16	37.16			
97.88	66.58	66.58	55.19	55.19	47.72	47.72	45.00	45.00	41.65	41.65	36.45	36.45			
102.00	61.76	61.76	50.04	50.04	42.35	42.35	39.55	39.55	36.98	36.98	33.06	33.06			
108.00	51.90	51.90	41.99	41.99	35.48	35.48	33.11	33.11	30.92	30.92	27.58	27.58			
114.00	44.04	44.04	35.59	35.59	30.03	30.03	28.00	28.00	26.12	26.12	23.25	23.25			
120.00	37.69	37.69	30.43	30.43	25.64	25.64	23.89	23.89	22.27	22.27	19.79	19.79			
126.00	32.51	32.51	26.23	26.23	22.08	22.08	20.56	20.56	19.15	19.15	16.99	16.99			
132.00	28.24	28.24	22.76	22.76	19.14	19.14	17.82	17.82	16.59	16.59	-	-			

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

Chart #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	59.45	59.45	55.05	55.05	50.96	50.96	44.59	44.59			
84.00	65.00	67.50	65.00	66.29	56.62	56.62	52.43	52.43	48.53	48.53	42.47	42.47			
90.00	65.00	67.50	60.99	60.99	52.85	52.85	48.94	48.94	45.30	45.30	39.63	39.63			
96.00	65.00	67.50	56.47	56.47	48.87	48.87	45.88	45.88	42.47	42.47	37.16	37.16			
97.88	65.00	66.58	55.19	55.19	47.72	47.72	45.00	45.00	41.65	41.65	36.45	36.45			
102.00	61.76	61.76	50.04	50.04	42.35	42.35	39.55	39.55	36.98	36.98	33.06	33.06			
108.00	51.90	51.90	41.99	41.99	35.48	35.48	33.11	33.11	30.92	30.92	27.58	27.58			
114.00	44.04	44.04	35.59	35.59	30.03	30.03	28.00	28.00	26.12	26.12	23.25	23.25			
120.00	37.69	37.69	30.43	30.43	25.64	25.64	23.89	23.89	22.27	22.27	19.79	19.79			
126.00	32.51	32.51	26.23	26.23	22.08	22.08	20.56	20.56	19.15	19.15	16.99	16.99			
132.00	28.24	28.24	22.76	22.76	19.14	19.14	17.82	17.82	16.59	16.59	-	-			

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

Chart #4

	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	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 INNERM OST TRACK WITH BAFFLE WHERE WATER PENETRATION RESISTANCE IS REQUIRED

Chart #5

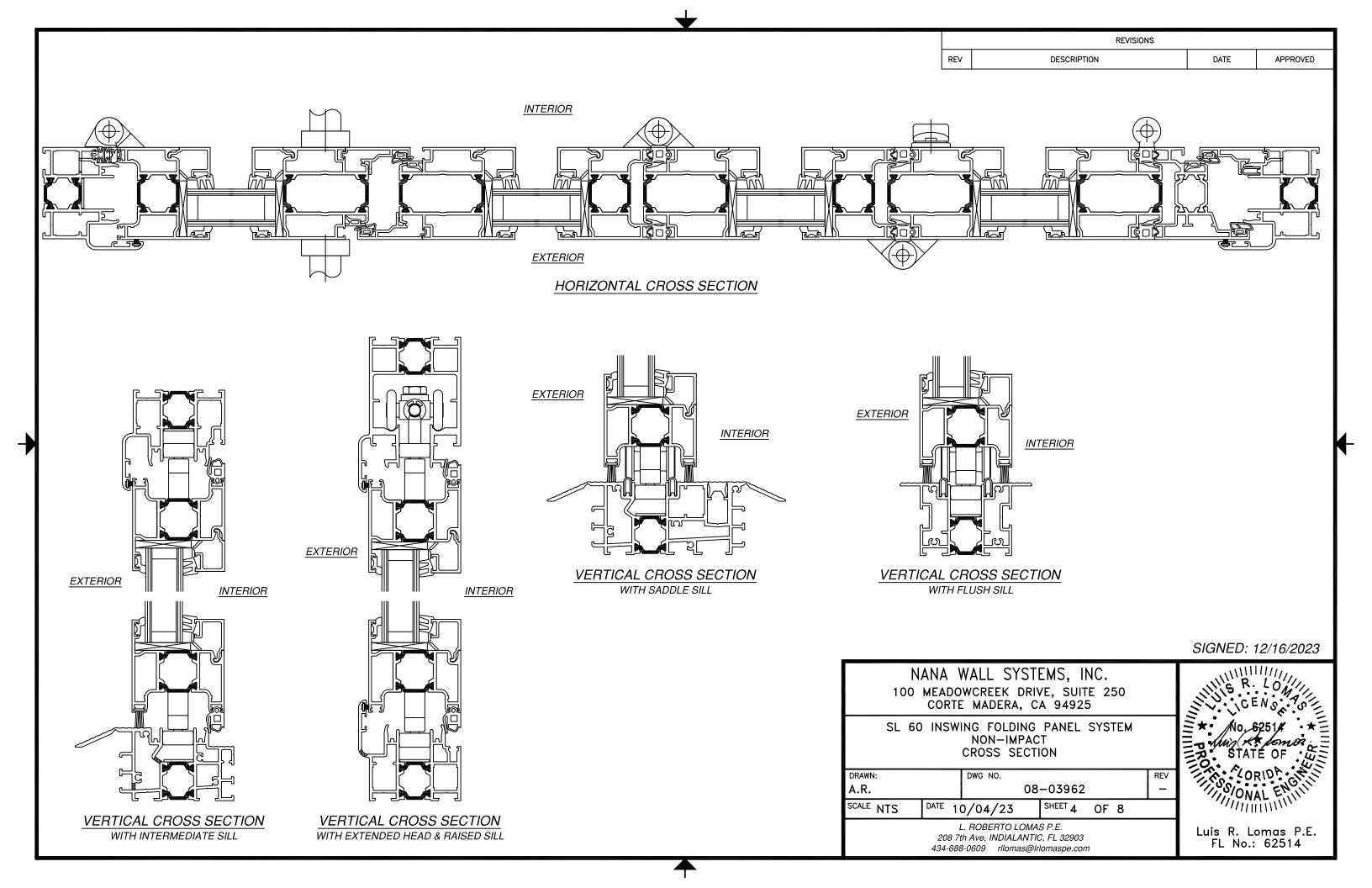
				Maxim	um De	sign p	ressure	(psf)							
Panel		Single Panel Width (in)													
Height	24.	00	30.	00	36.	00	38.	88	42.	.00	48.00				
(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg			
80.00	67.50	60.00	67.50	60.00	59.45	52.85	55.05	48.94	50.96	45.30	44.59	39.63			
84.00	67.50	60.00	66.29	58.92	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

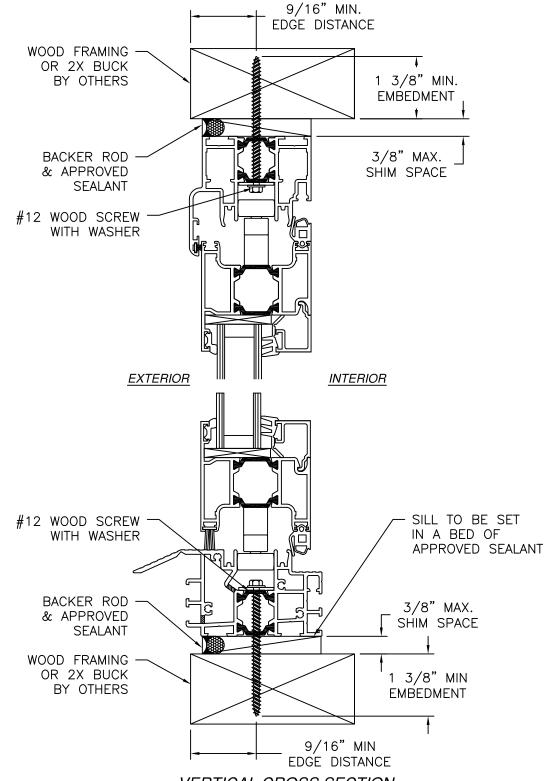
SIGNED: 12/16/2023

NANA N 100 MEADO CORTE	SILLING R. LONA				
SL 60 INSW DESIG	No. 62514 * No. 62514 * No. 62514 * STATE OF				
DRAWN: A.R.	DWG NO.	-03962		REV —	SONAL ENGINE
SCALE NTS DATE 1	0/04/23	SHEET 3	OF 8		Milling
208 7 434-68	Luis R. Lomas P.E. FL No.: 62514				

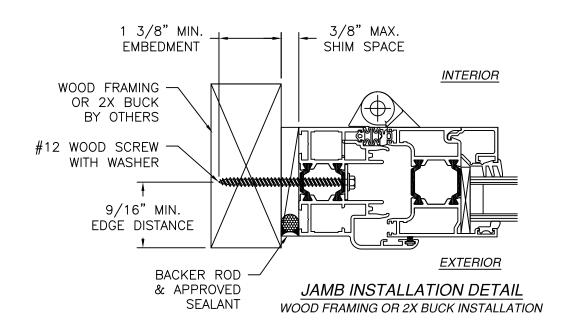


REVISIONS

REV DESCRIPTION DATE APPROVED



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



NOTES:

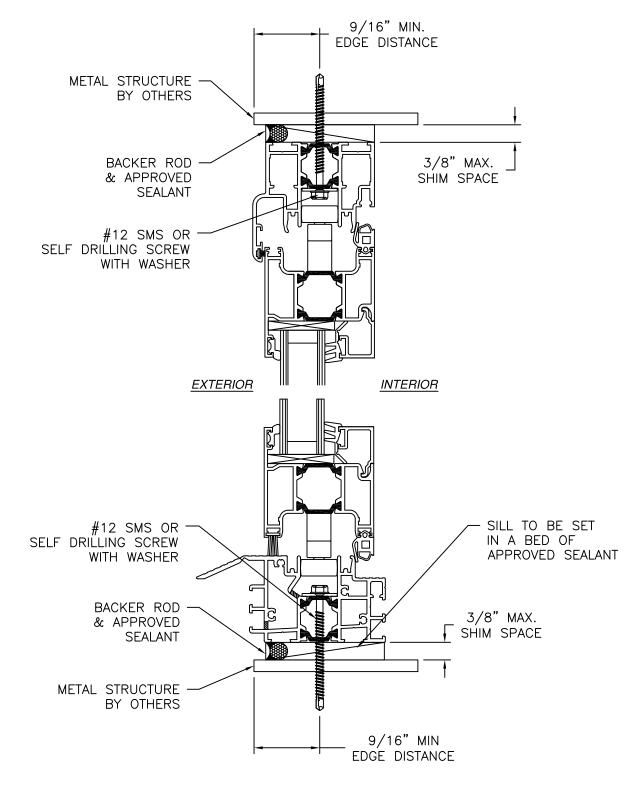
- 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
- 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
- 3. WEEP HOLES IN SADDLE SILL ARE FIELD INSTALLED AND ARE NOT SHOWN FOR CLARITY

SIGNED: 12/16/2023

						31411231 12/10/2020
NANA WALL SYSTEMS, INC. 100 meadowcreek drive, suite 250 corte madera, ca 94925						IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
SL 60 INSWING FOLDING PANEL SYSTEM NON-IMPACT INSTALLATION DETAILS						No. 62514 *=
DRAWN:	DWG NO.				REV	CORION (S)
A.R. 08-03962 -				_	MOONAL ENGLIS	
SCALE NTS DATE 1	0/04/23	SHEET 5	OF	8		Million.
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@Irlomaspe.com					Luis R. Lomas P.E. FL No.: 62514	

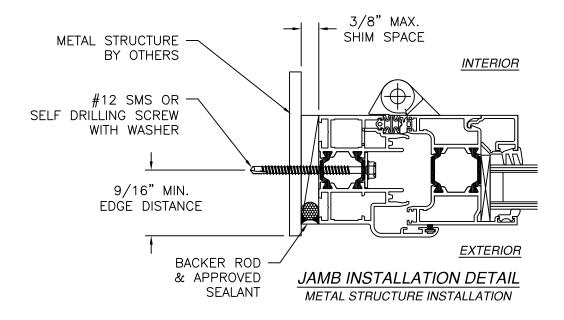
REVISIONS

REV DESCRIPTION DATE APPROVED



VERTICAL CROSS SECTION

METAL STRUCTURE INSTALLATION
INTERMEDIATE SILL SHOWN, OTHER SILLS SIMILAR

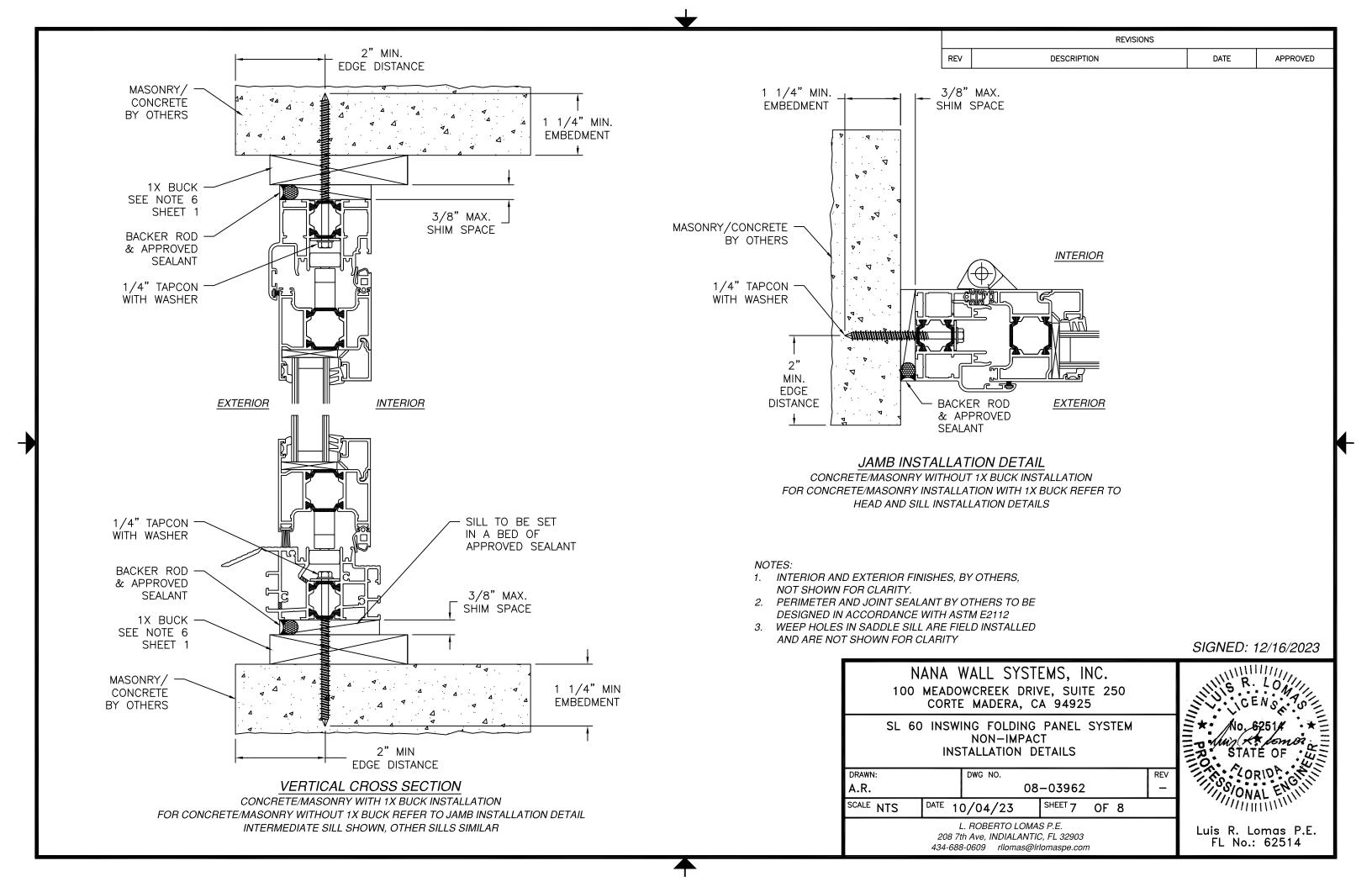


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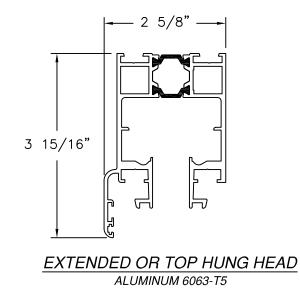
- 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
- 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
- 3. WEEP HOLES IN SADDLE SILL ARE FIELD INSTALLED AND ARE NOT SHOWN FOR CLARITY

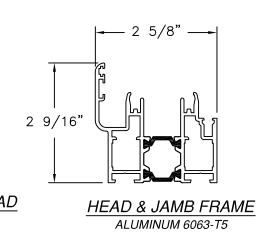
SIGNED: 12/16/2023

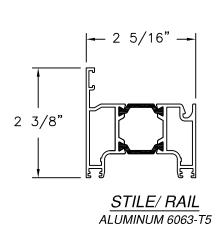
NANA WALL SYSTEMS, INC. 100 meadowcreek drive, suite 250 corte madera, ca 94925						IN CENSO.
SL 60 INSWING FOLDING PANEL SYSTEM NON-IMPACT INSTALLATION DETAILS					No. 62514 *=	
DRAWN:	DWG NO.				REV	ORIDA
A.R. 08-03962 -				-	1105/ONAL ENGLIS	
SCALE NTS DATE 1	0/04/23	SHEET 6	OF	8	•	MALLINI
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@Irlomaspe.com						Luis R. Lomas P.E. FL No.: 62514

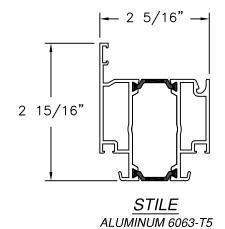


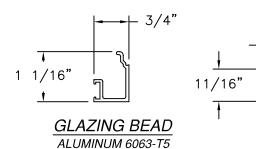
REVISIONS							
REV	DESCRIPTION	DATE	APPROVED				

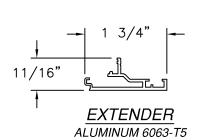


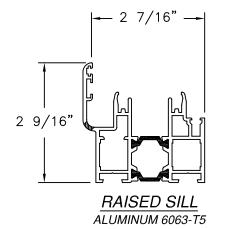


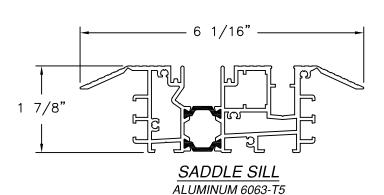


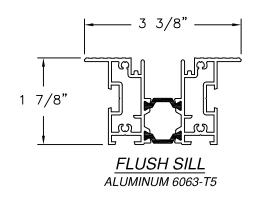


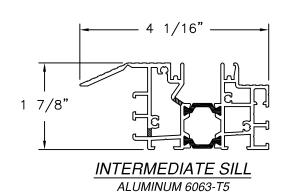


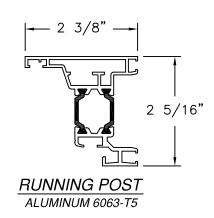






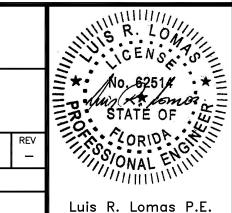






SIGNED: 12/16/2023

NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925 SL 60 INSWING FOLDING PANEL SYSTEM NON-IMPACT COMPONENTS DRAWN: DWG NO. A.R. 08-03962 SCALE NTS DATE 10/04/23 SHEET 8 OF 8 L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com



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