

- 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 NEEDED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 5/8".
 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 ALUMINU.
 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 INTO WOOD FRAMING OR 2X BUCK USE 5/16" LAG SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING INTO MASONRY/CONCRETE USE 5/16" ELCO ULTRA CON WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING INTO METAL STRUCTURE USE 5/16" 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: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 17.D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI WITH WOOD BACKING OR 1/4" THICK STRUCTURAL STEEL.

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12	COMPONENTS

REVISED		DATE	08/12/26
DESCRIPTION	NEW TESTING		
REV	C		

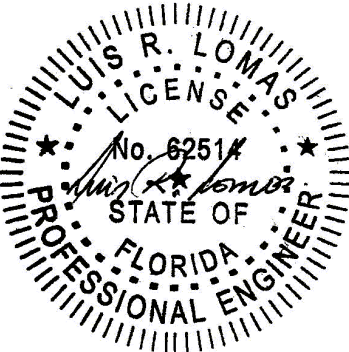
NANA WALL SYSTEMS, INC.
100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
NOTES

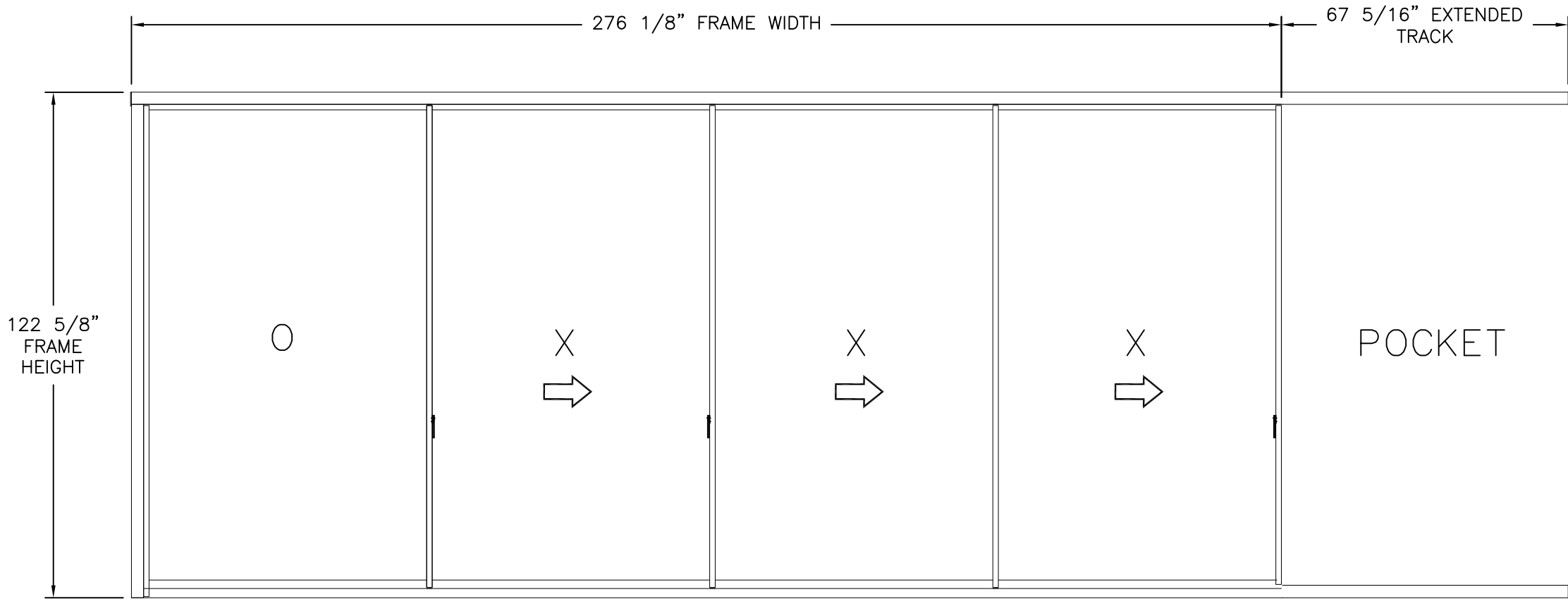
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIAN LANTIC, FL 32903
434-688-0609 rlomas@rlomaspe.com

DWG NO.	SHEET	
08-03969	1 OF 12	
SCALE NTS	REV C	FPA -
DRAWN R.L.	DATE: 12/18/23	

SIGNED: 08/14/2026



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



CERO II STANDARD SGD

INTERIOR VIEW

MULTIPLE PANELS IN MULTIPLE CONFIGURATIONS AND TRACKS APPROVED AS LONG AS
INDIVIDUAL PANEL AREA DOES NOT EXCEED 89.96 FT²

DESIGN PRESSURE RATING	IMPACT RATING
±35PSF	NONE

SEE CHARTS SHEET 4 FOR RATINGS

- NOTES:
- PANEL SIZE: 68 7/8" X 118 1/8" AND 78 3/4" X 164 1/2"
 - D.L.O.: 67 5/16" X 115" AND 77 7/16" X 161 3/8"
 - (2) ROLLER SYSTEM BY SOLARLUX AT EACH CORNER OF PANELS
 - (2) TWO POINT LOCK AT EACH SIDE OF EACH PANEL IF POSSIBLE WITH TRACK LAYOUT.

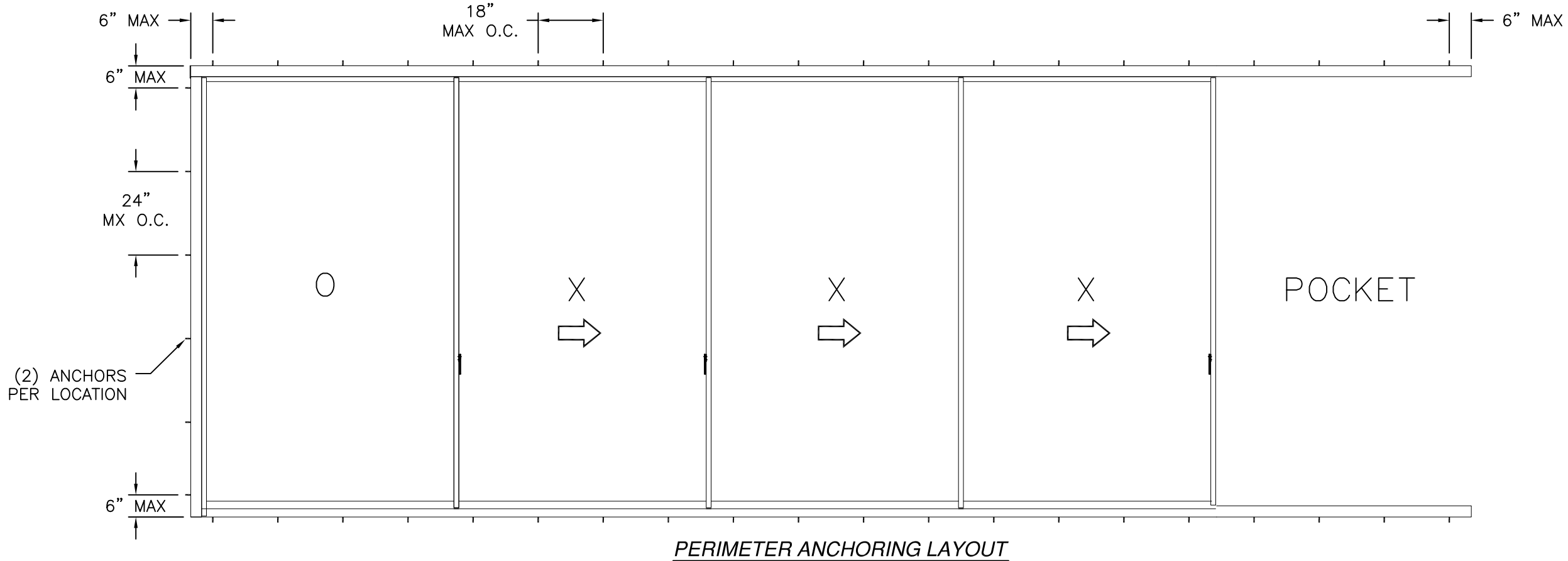
REVISIONS		
REV	DESCRIPTION	DATE
C	NEW TESTING	08/12/26

NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925	CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT ELEVATION	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rlomas@rlomaspe.com
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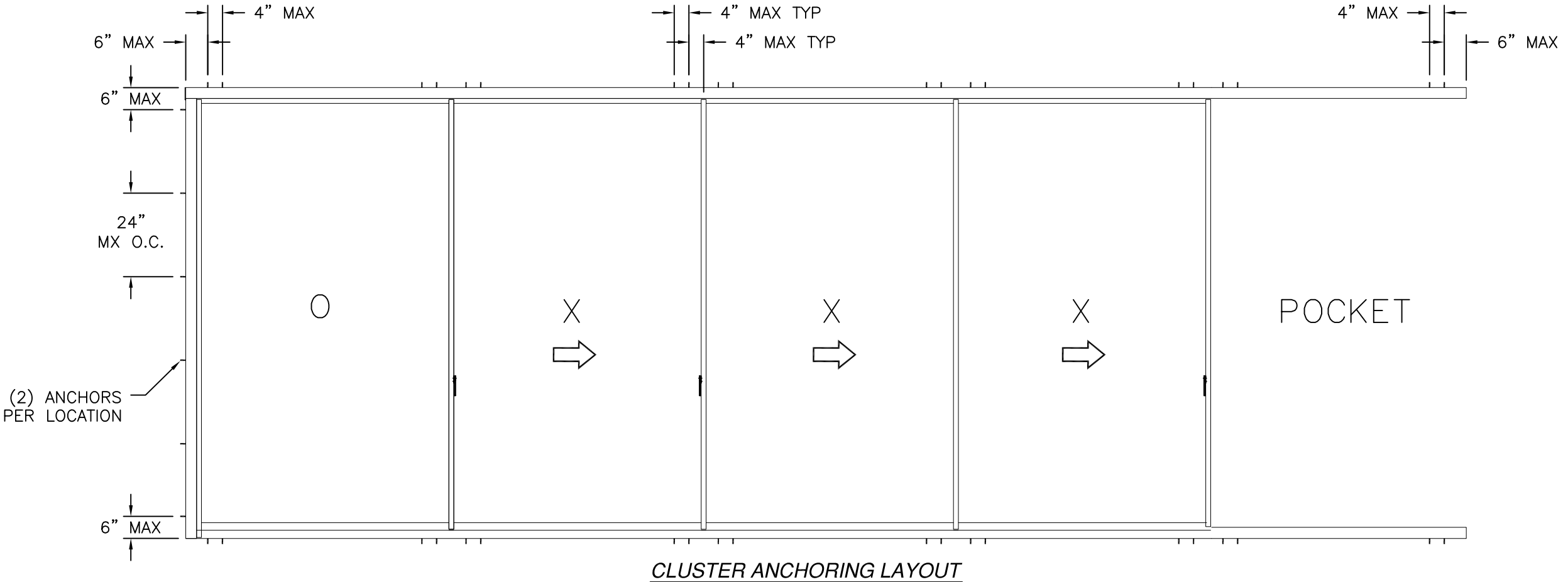
DWG NO. 08-03969		SHEET 2 OF 12	
SCALE NTS	REV C	FPA -	
DRAWN R.L.		DATE: 12/18/23	

SIGNED: 08/14/2026

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



PERIMETER ANCHORING LAYOUT



CLUSTER ANCHORING LAYOUT

REVISIONS			DATE
REV	DESCRIPTION		
C	NEW TESTING		08/12/26

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

CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
ANCHORING LAYOUTS

L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@rlomaspe.com

DWG NO. 08-03969	SHEET 3 OF 12
SCALE NTS	REV C FPA -
DRAWN R.L.	DATE: 12/18/23

SIGNED: 08/14/2026

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

Chart #1
Design pressure rating (psf)

Panel Height (in)	Single Panel Width (in)															
	48.00		54.00		60.00		66.00		68.88		72.00		78.00		78.75	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	51.7	51.7	49.4	49.4	45.6	45.6	45.2	45.2
84.00	52.5	52.5	52.5	52.5	52.5	52.5	51.4	51.4	49.2	49.2	47.1	47.1	43.5	43.5	43.0	43.0
90.00	52.5	52.5	52.5	52.5	52.5	52.5	47.9	47.9	45.9	45.9	43.9	43.9	40.6	40.6	40.2	40.2
96.00	52.5	52.5	52.5	52.5	49.4	49.4	44.9	44.9	43.1	43.1	41.2	41.2	38.0	38.0	37.7	37.7
102.00	52.5	52.5	49.8	49.8	46.5	46.5	42.3	42.3	40.5	40.5	38.8	38.8	35.8	35.8	35.5	35.5
108.00	50.0	50.0	46.1	46.1	43.1	43.1	39.9	39.9	38.3	38.3	36.6	36.6	20.8	20.8	20.6	20.6
114.00	46.7	46.7	42.9	42.9	40.0	40.0	37.7	37.7	36.3	36.3	21.3	21.3	19.7	19.7	19.5	19.5
118.13	44.7	44.7	41.0	41.0	38.2	38.2	35.9	35.9	35.0	35.0	20.6	20.6	19.0	19.0	18.8	18.8
120.00	43.8	43.8	40.2	40.2	36.9	36.9	34.3	34.3	21.2	21.2	20.2	20.2	18.7	18.7	18.5	18.5
126.00	38.1	38.1	34.4	34.4	31.6	31.6	21.0	21.0	20.2	20.2	19.3	19.3	17.8	17.8	17.6	17.6
132.00	33.0	33.0	29.7	29.7	27.2	27.2	20.1	20.1	19.2	19.2	18.4	18.4	17.0	17.0	16.8	16.8
138.00	28.7	28.7	25.9	25.9	20.5	20.5	19.2	19.2	18.4	18.4	17.6	17.6	16.2	16.2	16.1	16.1
144.00	25.2	25.2	22.7	22.7	19.4	19.4	18.2	18.2	17.6	17.6	16.9	16.9	15.6	15.6	15.4	15.4
150.00	22.2	22.2	20.0	20.0	18.5	18.5	17.2	17.2	16.7	16.7	16.2	16.2	-	-	-	-
156.00	21.0	21.0	19.1	19.1	17.6	17.6	16.4	16.4	15.9	15.9	15.4	15.4	-	-	-	-
162.00	20.1	20.1	18.2	18.2	16.8	16.8	15.6	15.6	15.1	15.1	-	-	-	-	-	-
164.50	19.7	19.7	17.9	17.9	16.5	16.5	15.3	15.3	-	-	-	-	-	-	-	-
168.00	19.2	19.2	17.5	17.5	15.9	15.9	-	-	-	-	-	-	-	-	-	-

WITH STANDARD SILL WHERE WATER PENETRATION RESISTANCE IS REQUIRED

Chart #2
Design pressure rating (psf)

Panel Height (in)	Single Panel Width (in)															
	48.00		54.00		60.00		66.00		68.88		72.00		78.00		78.75	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	40.0	45.0	40.0	45.0	40.0	45.0	40.0	45.0	40.0	45.0	40.0	45.0	40.0	45.0	40.0	45.0
84.00	40.0	45.0	40.0	45.0	40.0	45.0	40.0	45.0	40.0	45.0	40.0	45.0	40.0	43.5	40.0	43.0
90.00	40.0	45.0	40.0	45.0	40.0	45.0	40.0	45.0	40.0	45.0	40.0	43.9	40.0	40.6	40.0	40.2
96.00	40.0	45.0	40.0	45.0	40.0	45.0	40.0	44.9	40.0	43.1	40.0	41.2	38.0	38.0	37.7	37.7
102.00	40.0	45.0	40.0	45.0	40.0	45.0	40.0	42.3	40.0	40.5	38.8	38.8	35.8	35.8	35.5	35.5
108.00	40.0	45.0	40.0	45.0	40.0	43.1	39.9	39.9	38.3	38.3	36.6	36.6	20.8	20.8	20.6	20.6
114.00	40.0	45.0	40.0	42.9	40.0	40.0	37.7	37.7	36.3	36.3	21.3	21.3	19.7	19.7	19.5	19.5
118.13	40.0	44.7	40.0	41.0	38.2	38.2	35.9	35.9	35.0	35.0	20.6	20.6	19.0	19.0	18.8	18.8
120.00	40.0	43.8	40.0	40.2	36.9	36.9	34.3	34.3	21.2	21.2	20.2	20.2	18.7	18.7	18.5	18.5
126.00	38.1	38.1	34.4	34.4	31.6	31.6	21.0	21.0	20.2	20.2	19.3	19.3	17.8	17.8	17.6	17.6
132.00	33.0	33.0	29.7	29.7	27.2	27.2	20.1	20.1	19.2	19.2	18.4	18.4	17.0	17.0	16.8	16.8
138.00	28.7	28.7	25.9	25.9	20.5	20.5	19.2	19.2	18.4	18.4	17.6	17.6	16.2	16.2	16.1	16.1
144.00	25.2	25.2	22.7	22.7	19.4	19.4	18.2	18.2	17.6	17.6	16.9	16.9	15.6	15.6	15.4	15.4
150.00	22.2	22.2	20.0	20.0	18.5	18.5	17.2	17.2	16.7	16.7	16.2	16.2	-	-	-	-
156.00	21.0	21.0	19.1	19.1	17.6	17.6	16.4	16.4	15.9	15.9	15.4	15.4	-	-	-	-
162.00	20.1	20.1	18.2	18.2	16.8	16.8	15.6	15.6	15.1	15.1	-	-	-	-	-	-
164.50	19.7	19.7	17.9	17.9	16.5	16.5	15.3	15.3	-	-	-	-	-	-	-	-
168.00	19.2	19.2	17.5	17.5	15.9	15.9	-	-	-	-	-	-	-	-	-	-

WITH FLUSH, SADDLE, HYBRID OR MINIMAL SILL WHERE WATER PENETRATION RESISTANCE IS REQUIRED

Chart #3
Design pressure rating (psf)

Panel Height (in)	Single Panel Width (in)															
	48.00		54.00		60.00		66.00		68.88		72.00		78.00		78.75	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	51.7	51.7	49.4	49.4	45.6	45.6	45.2	45.2
84.00	52.5	52.5	52.5	52.5	52.5	52.5	51.4	51.4	49.2	49.2	47.1	47.1	43.5	43.5	43.0	43.0
90.00	52.5	52.5	52.5	52.5	52.5	52.5	47.9	47.9	45.9	45.9	43.9	43.9	40.6	40.6	40.2	40.2
96.00	52.5	52.5	52.5	52.5	49.4	49.4	44.9	44.9	43.1	43.1	41.2	41.2	38.0	38.0	37.7	37.7
102.00	52.5	52.5	49.8	49.8	46.5	46.5	42.3	42.3	40.5	40.5	38.8	38.8	35.8	35.8	35.5	35.5
108.00	50.0	50.0	46.1	46.1	43.1	43.1	39.9	39.9	38.3	38.3	36.6	36.6	20.8	20.8	20.6	20.6
114.00	46.7	46.7	42.9	42.9	40.0	40.0	37.7	37.7	36.3	36.3	21.3	21.3	19.7	19.7	19.5	19.5
118.13	44.7	44.7	41.0	41.0	38.2	38.2	35.9	35.9	35.0	35.0	20.6	20.6	19.0	19.0	18.8	18.8
120.00	43.8	43.8	40.2	40.2	36.9	36.9	34.3	34.3	21.2	21.2	20.2	20.2	18.7	18.7	18.5	18.5
126.00	38.1	38.1	34.4	34.4	31.6	31.6	21.0	21.0	20.2	20.2	19.3	19.3	17.8	17.8	17.6	17.6
132.00	33.0	33.0	29.7	29.7	27.2	27.2	20.1	20.1	19.2	19.2	18.4	18.4	17.0	17.0	16.8	16.8
138.00	28.7	28.7	25.9	25.9	20.5	20.5	19.2	19.2	18.4	18.4	17.6	17.6	16.2	16.2	16.1	16.1
144.00	25.2	25.2	22.7	22.7	19.4	19.4	18.2	18.2	17.6	17.6	16.9	16.9	15.6	15.6	15.4	15.4
150.00	22.2	22.2	20.0	20.0	18.5	18.5	17.2	17.2	16.7	16.7	16.2	16.2	-	-	-	-
156.00	21.0	21.0	19.1	19.1	17.6	17.6	16.4	16.4	15.9	15.9	15.4	15.4	-	-	-	-
162.00	20.1	20.1	18.2	18.2	16.8	16.8	15.6	15.6	15.1	15.1	-	-	-	-	-	-
164.50	19.7	19.7	17.9	17.9	16.5	16.5	15.3	15.3	-	-	-	-	-	-	-	-
168.00	19.2	19.2	17.5	17.5	15.9	15.9	-	-	-	-	-	-	-	-	-	-

WITH STANDARD SILL WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED

Chart #4
Design pressure rating (psf)

Panel Height (in)	Single Panel Width (in)															
	48.00		54.00		60.00		66.00		68.88		72.00		78.00		78.75	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	51.7	51.7	49.4	49.4	45.6	45.6	45.2	45.2
84.00	52.5	52.5	52.5	52.5	52.5	52.5	51.4	51.4	49.2	49.2	47.1	47.1	43.5	43.5	43.0	43.0
90.00	52.5	52.5	52.5	52.5	52.5	52.5	47.9	47.9	45.9	45.9	43.9	43.9	40.6	40.6	40.2	40.2
96.00	52.5	52.5	52.5	52.5	49.4	49.4	44.9	44.9	43.1	43.1	41.2	41.2	38.0	38.0	37.7	37.7
102.00	52.5	52.5	49.8	49.8	46.5	46.5	42.3	42.3	40.5	40.5	38.8	38.8	35.8	35.8	35.5	35.5
108.00	50.0	50.0	46.1	46.1	43.1	43.1	39.9	39.9	38.3	38.3	36.6	36.6	20.8	20.8	20.6	20.6
114.00	46.7	46.7	42.9	42.9	40.0	40.0	37.7	37.7	36.3	36.3	21.3	21.3	19.7	19.7	19.5	19.5
118.13	44.7	44.7	41.0	41.0	38.2	38.2	35.9	35.9	35.0	35.0	20.6	20.6	19.0	19.0	18.8	18.8
120.00	43.8	43.8	40.2	40.2	36.9	36.9	34.3	34.3	21.2	21.2	20.2	20.2	18.7	18.7	18.5	18.5
126.00	38.1	38.1	34.4	34.4	31.6	31.6	21.0	21.0	20.2	20.2	19.3	19.3	17.8	17.8	17.6	17.6
132.00	33.0	33.0	29.7	29.7	27.2	27.2	20.1	20.1	19.2	19.2	18.4	18.4	17.0	17.0	16.8	16.8
138.00	28.7	28.7	25.9	25.9	20.5	20.5	19.2	19.2	18.4	18.4	17.6	17.6	16.2	16.2	16.1	16.1
144.00	25.2	25.2	22.7	22.7	19.4	19.4	18.2	18.2	17.6	17.6	16.9	16.9	15.6	15.6	15.4	15.4
150.00	22.2	22.2	20.0	20.0	18.5	18.5	17.2	17.2	16.7	16.7	16.2	16.2	-	-	-	-
156.00	21.0	21.0	19.1	19.1	17.6	17.6	16.4	16.4	15.9	15.9	15.4	15.4	-	-	-	-
162.00	20.1	20.1	18.2	18.2	16.8	16.8	15.6	15.6	15.1	15.1	-	-	-	-	-	-
164.50	19.7	19.7	17.9	17.9	16.5	16.5	15.3	15.3	-	-	-	-	-	-	-	-
168.00	19.2	19.2	17.5	17.5	15.9	15.9	-	-	-	-	-	-	-	-	-	-

Chart #5

Design pressure rating (psf)

Panel Height (in)	Single Panel Width (in)																	
	48.00		54.00		60.00		66.00		68.88		72.00		78.00		84.00		88.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	51.7	51.7	49.4	49.4	45.6	45.6	42.4	42.4	40.4	40.4
84.00	52.5	52.5	52.5	52.5	52.5	52.5	51.4	51.4	49.2	49.2	47.1	47.1	43.5	43.5	40.4	40.4	38.5	38.5
90.00	52.5	52.5	52.5	52.5	52.5	52.5	47.9	47.9	45.9	45.9	43.9	43.9	40.6	40.6	37.7	37.7	36.0	36.0
96.00	52.5	52.5	52.5	52.5	49.4	49.4	44.9	44.9	43.1	43.1	41.2	41.2	38.0	38.0	35.3	35.3	33.7	33.7
102.00	50.1	50.1	45.7	45.7	42.3	42.3	39.7	39.7	38.6	38.6	37.7	37.7	35.8	35.8	33.2	33.2	31.7	31.7
108.00	41.8	41.8	38.0	38.0	35.1	35.1	32.8	32.8	31.9	31.9	31.0	31.0	29.6	29.6	28.5	28.5	28.0	28.0
114.00	35.3	35.3	32.0	32.0	29.4	29.4	27.4	27.4	26.6	26.6	25.8	25.8	24.6	24.6	23.6	23.6	23.1	23.1
118.13	31.5	31.5	28.5	28.5	26.2	26.2	24.4	24.4	23.7	23.7	22.9	22.9	21.8	21.8	20.9	20.9	20.3	20.3
120.00	30.0	30.0	27.2	27.2	24.9	24.9	23.2	23.2	22.5	22.5	21.8	21.8	20.6	20.6	19.8	19.8	19.3	19.3
126.00	25.8	25.8	23.3	23.3	21.3	21.3	19.8	19.8	19.2	19.2	18.5	18.5	17.5	17.5	16.7	16.7	16.3	16.3
132.00	22.3	22.3	20.1	20.1	18.4	18.4	17.0	17.0	16.5	16.5	15.9	15.9	15.0	15.0	-	-	-	-
138.00	19.4	19.4	17.5	17.5	16.0	16.0	-	-	-	-	-	-	-	-	-	-	-	-
144.00	17.0	17.0	15.3	15.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.00	15.0	15.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Corner configuration With standard sill where water penetration resistance is required
and for flush, hybrid, saddle or minimal sill where water penetration resistance is not required

Chart #6

Design pressure rating (psf)

Panel Height (in)	Single Panel Width (in)																	
	48.00		54.00		60.00		66.00		68.88		72.00		78.00		84.00		88.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	40.0	52.5	40.0	52.5	40.0	52.5	40.0	52.5	40.0	51.7	40.0	49.4	40.0	45.6	40.0	42.4	40.0	40.4
84.00	40.0	52.5	40.0	52.5	40.0	52.5	40.0	51.4	40.0	49.2	40.0	47.1	40.0	43.5	40.0	40.4	38.5	38.5
90.00	40.0	52.5	40.0	52.5	40.0	52.5	40.0	47.9	40.0	45.9	40.0	43.9	40.0	40.6	37.7	37.7	36.0	36.0
96.00	40.0	52.5	40.0	52.5	40.0	49.4	40.0	44.9	40.0	43.1	40.0	41.2	38.0	38.0	35.3	35.3	33.7	33.7
102.00	40.0	50.1	40.0	45.7	40.0	42.3	39.7	39.7	38.6	38.6	37.7	37.7	35.8	35.8	33.2	33.2	31.7	31.7
108.00	40.0	41.8	38.0	38.0	35.1	35.1	32.8	32.8	31.9	31.9	31.0	31.0	29.6	29.6	28.5	28.5	28.0	28.0
114.00	35.3	35.3	32.0	32.0	29.4	29.4	27.4	27.4	26.6	26.6	25.8	25.8	24.6	24.6	23.6	23.6	23.1	23.1
118.13	31.5	31.5	28.5	28.5	26.2	26.2	24.4	24.4	23.7	23.7	22.9	22.9	21.8	21.8	20.9	20.9	20.3	20.3
120.00	30.0	30.0	27.2	27.2	24.9	24.9	23.2	23.2	22.5	22.5	21.8	21.8	20.6	20.6	19.8	19.8	19.3	19.3
126.00	25.8	25.8	23.3	23.3	21.3	21.3	19.8	19.8	19.2	19.2	18.5	18.5	17.5	17.5	16.7	16.7	16.3	16.3
132.00	22.3	22.3	20.1	20.1	18.4	18.4	17.0	17.0	16.5	16.5	15.9	15.9	15.0	15.0	-	-	-	-
138.00	19.4	19.4	17.5	17.5	16.0	16.0	-	-	-	-	-	-	-	-	-	-	-	-
144.00	17.0	17.0	15.3	15.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.00	15.0	15.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Corner configuration With flush, saddle, hybrid or minimal sill where water penetration resistance is required

REV		DESCRIPTION		DATE	
C		NEW TESTING		08/12/26	

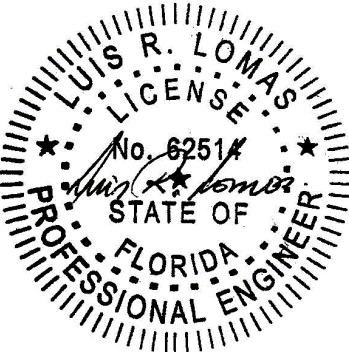
NANA WALL SYSTEMS, INC.
100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
RATINGS

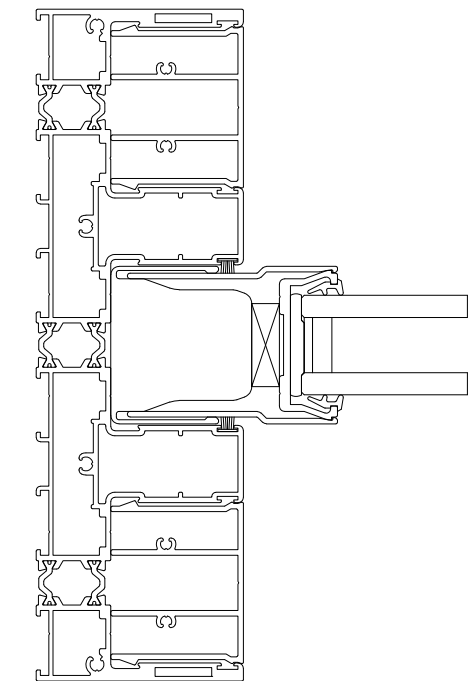
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rilomas@rlomaspe.com

DWG NO. 08-03969		SHEET 5 OF 12	
SCALE NTS	REV C	FPA	-
DRAWN R.L.	DATE: 12/18/23		

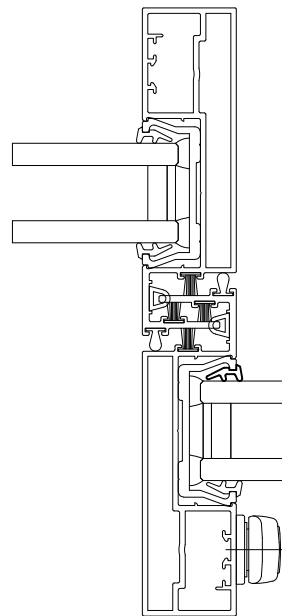
SIGNED: 08/14/2026



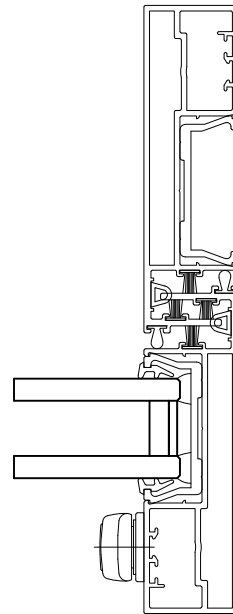
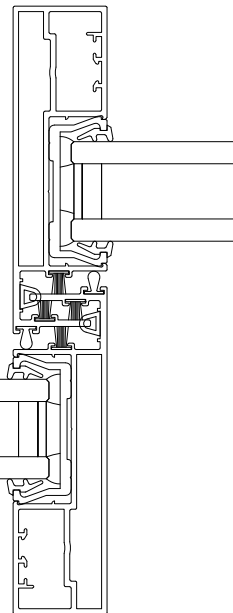
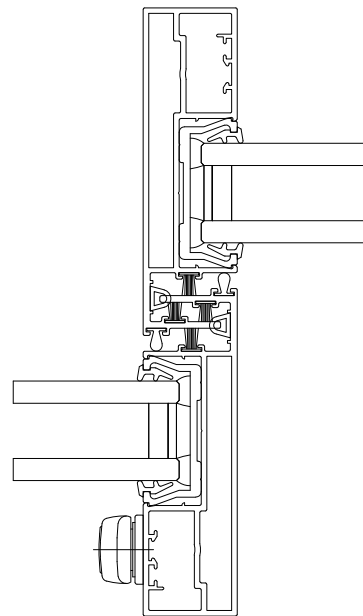
Luis R. Lomas P.E.
FL No.: 62514



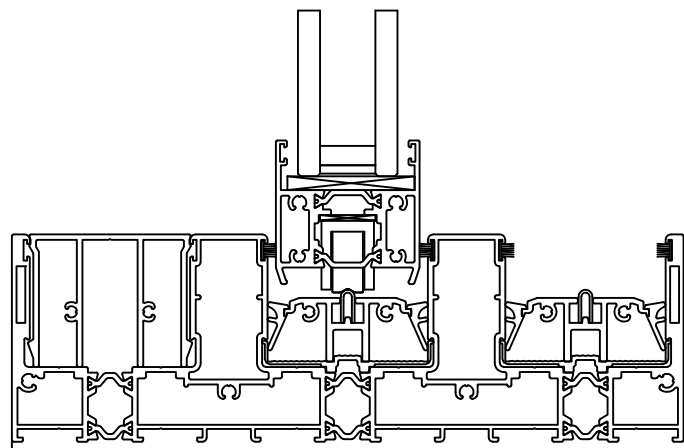
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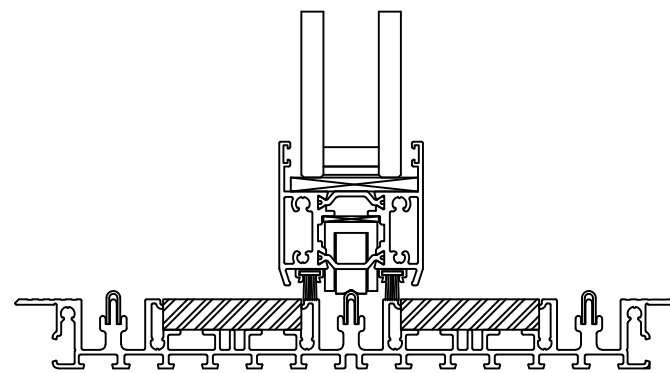
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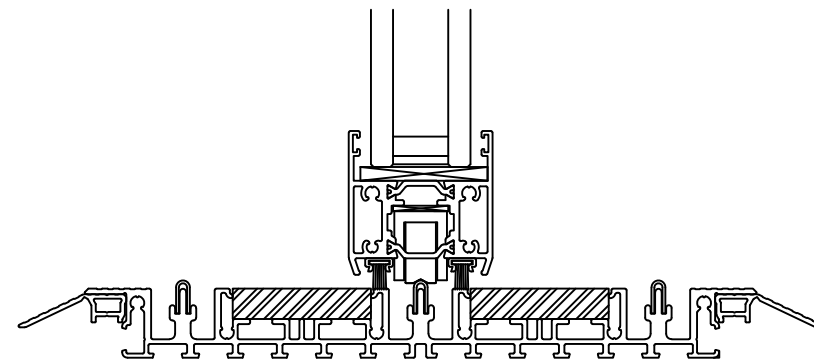
HORIZONTAL CROSS SECTION



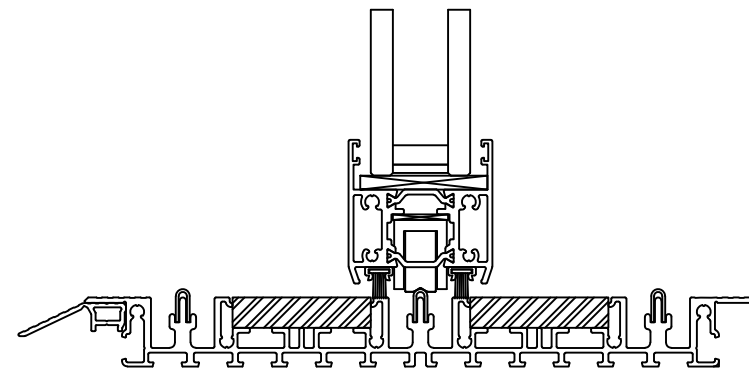
STANDARD SILL



FLUSH SILL



SADDLE SILL



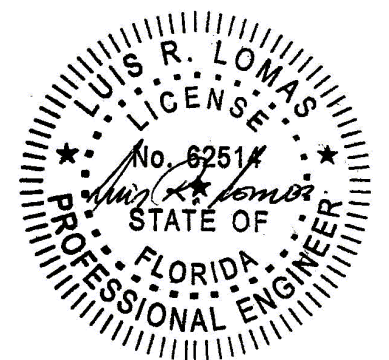
HYBRID SILL

REVISIONS		
REV	DESCRIPTION	DATE
C	NEW TESTING	08/12/26

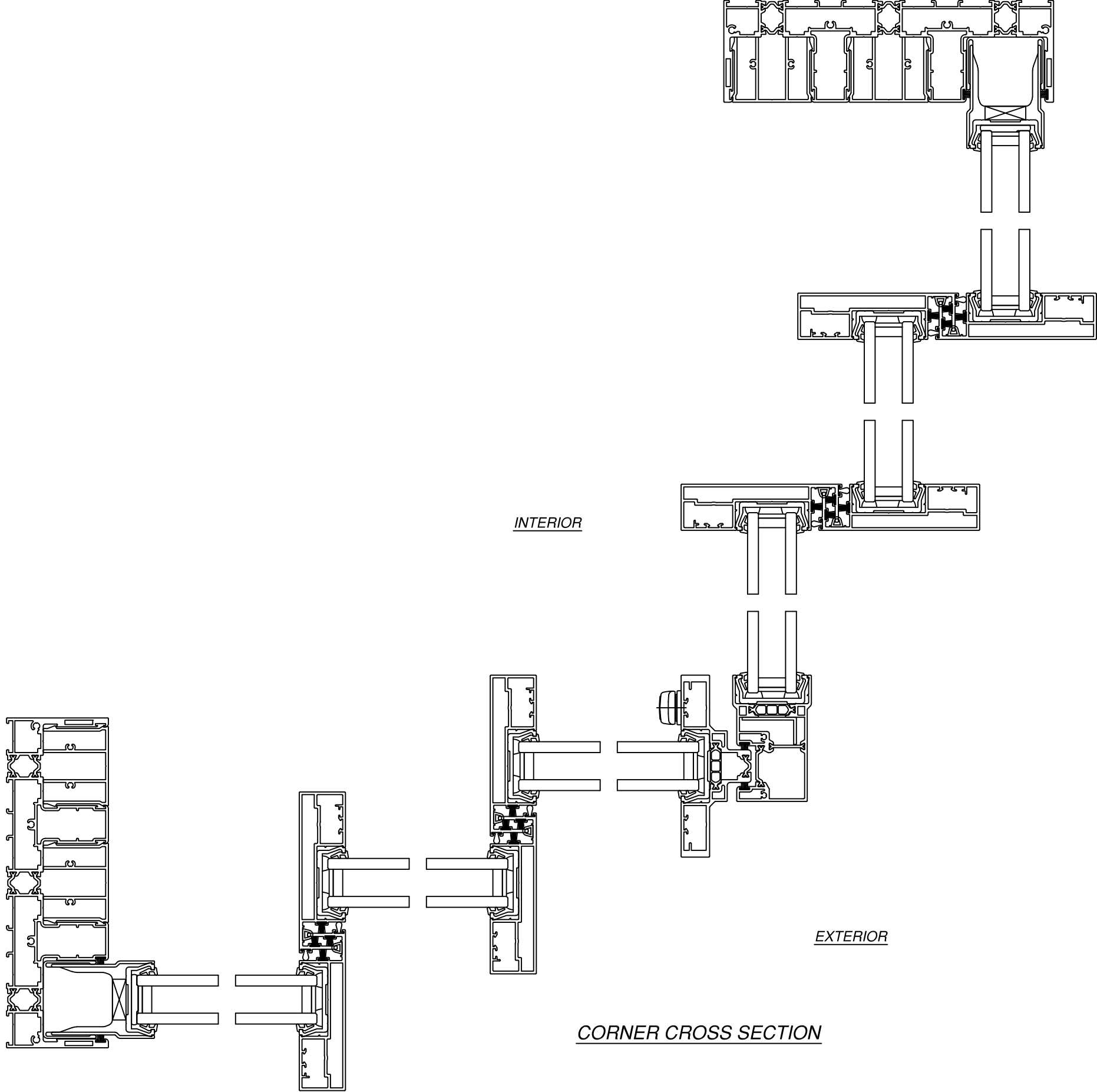
NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925		
CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT CROSS SECTIONS		
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rlomas@rlomaspe.com		

DWG NO. 08-03969	SHEET 6 OF 12
SCALE NTS	REV C FPA -
DRAWN R.L.	DATE: 12/18/23

SIGNED: 08/14/2026



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



REVISIONS		
REV	DESCRIPTION	DATE
C	NEW TESTING	08/12/26

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

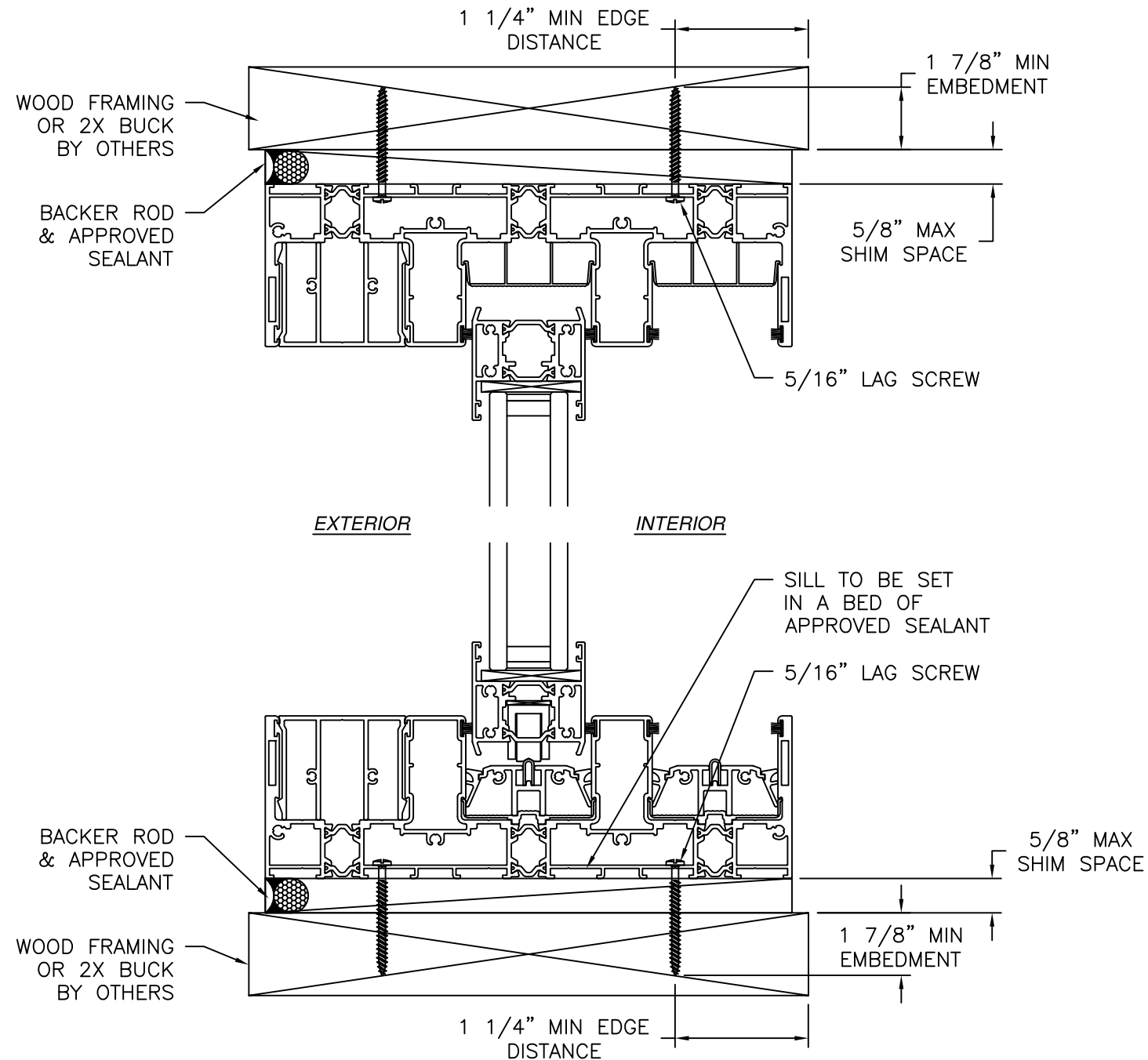
CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
CROSS SECTIONS

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

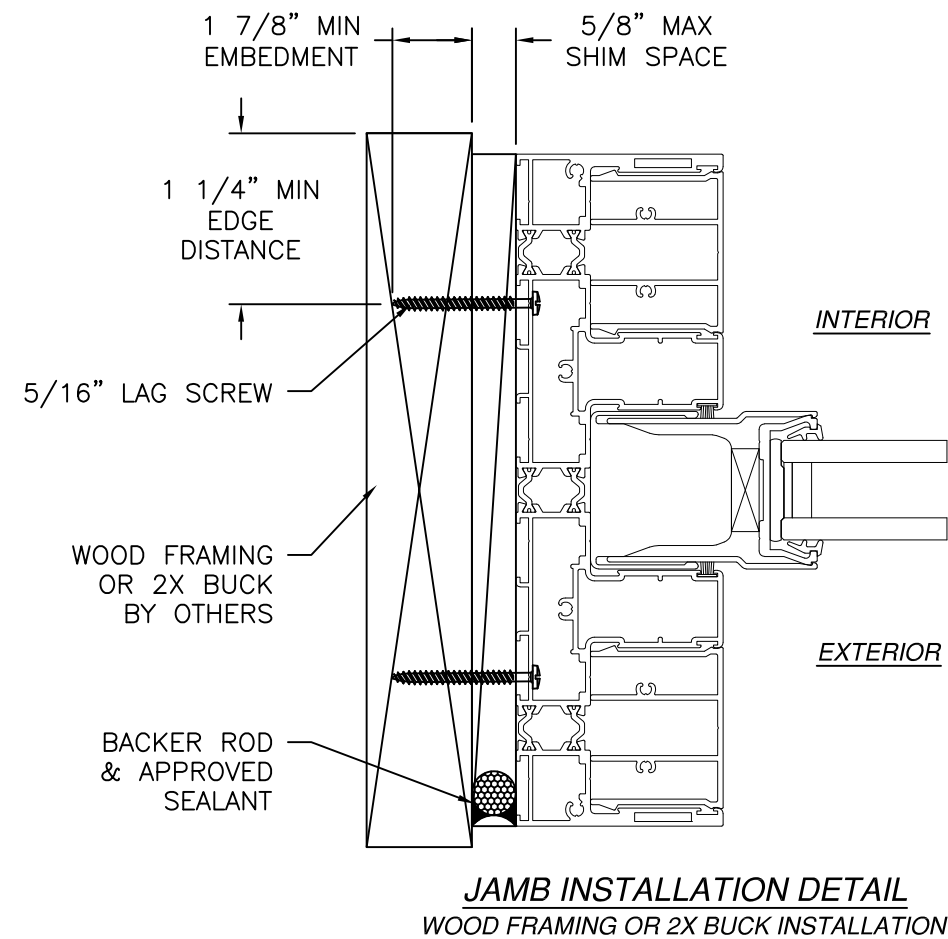
DWG NO. 08-03969	SHEET 7 OF 12
SCALE NTS	REV C
FPA -	DATE: 12/18/23

SIGNED: 08/14/2026

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



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



- 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. WEEPS NOT SHOWN FOR CLARITY

REVISIONS		DATE
REV	DESCRIPTION	
C	NEW TESTING	08/12/26

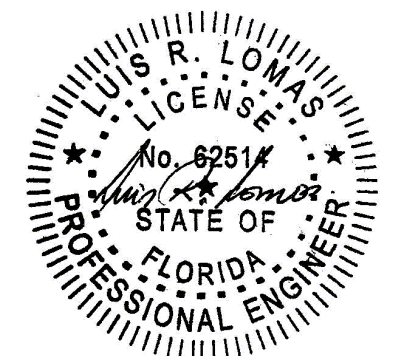
NANA WALL SYSTEMS, INC.
100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

**CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
INSTALLATION DETAILS**

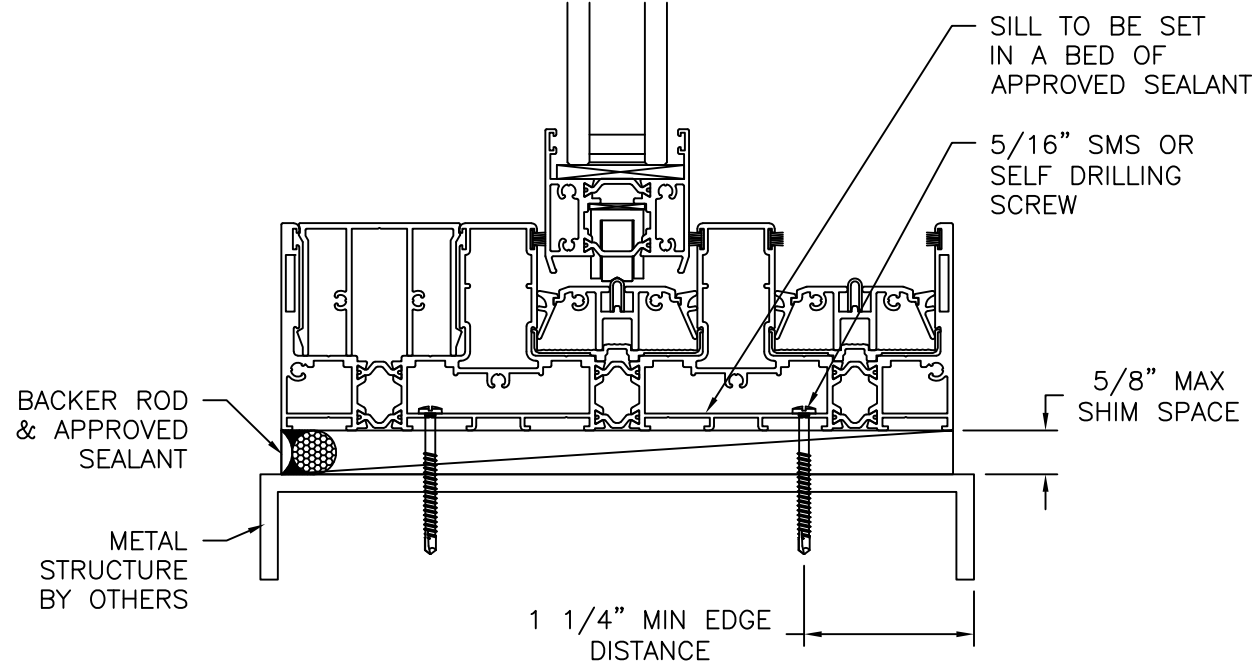
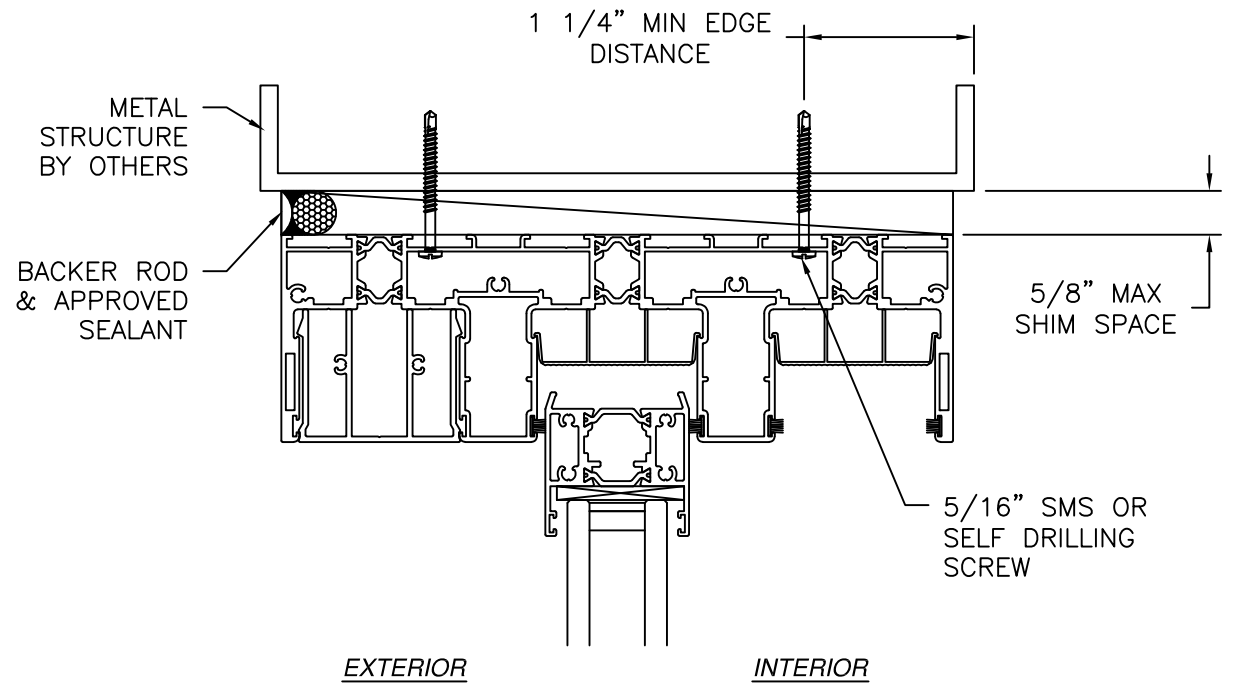
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIANLANTIC, FL 32903
434-688-0609 rilomas@rilomaspe.com

DWG NO. 08-03969	SHEET 8 OF 12
SCALE NTS	REV C FPA -
DRAWN R.L.	DATE: 12/18/23

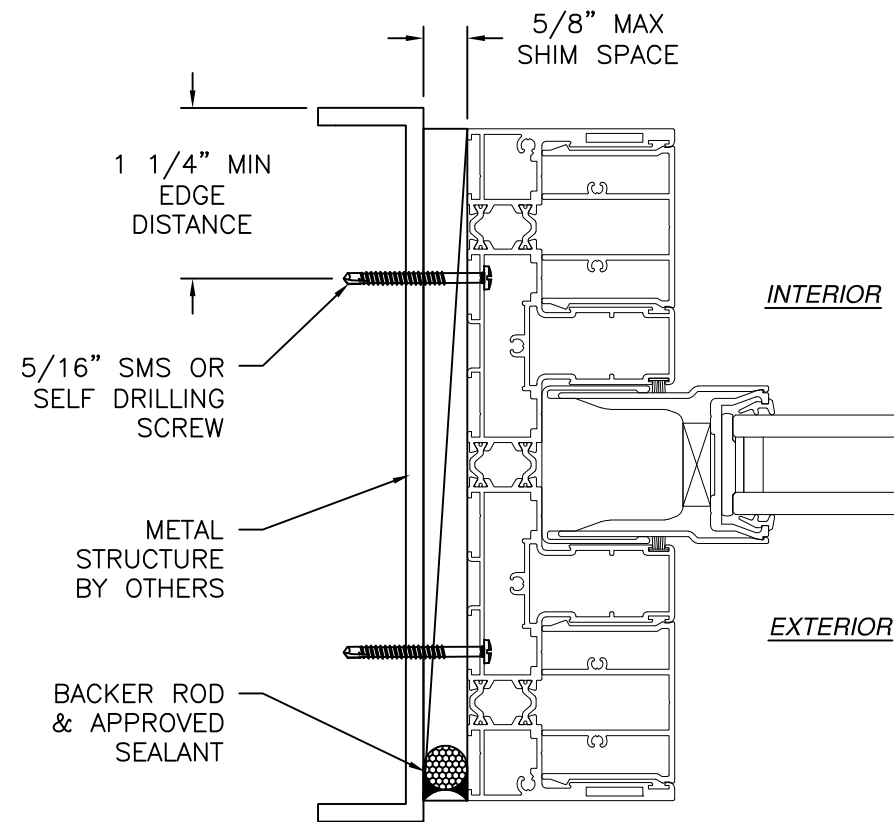
SIGNED: 08/14/2026



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



VERTICAL CROSS SECTION
STANDARD SILL SHOWN, OTHER SILLS SIMILAR
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

NOTES:

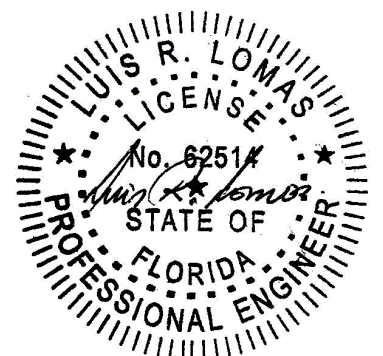
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
3. WEEPS NOT SHOWN FOR CLARITY

REVISIONS			DATE
REV	DESCRIPTION		
C	NEW TESTING		08/12/26

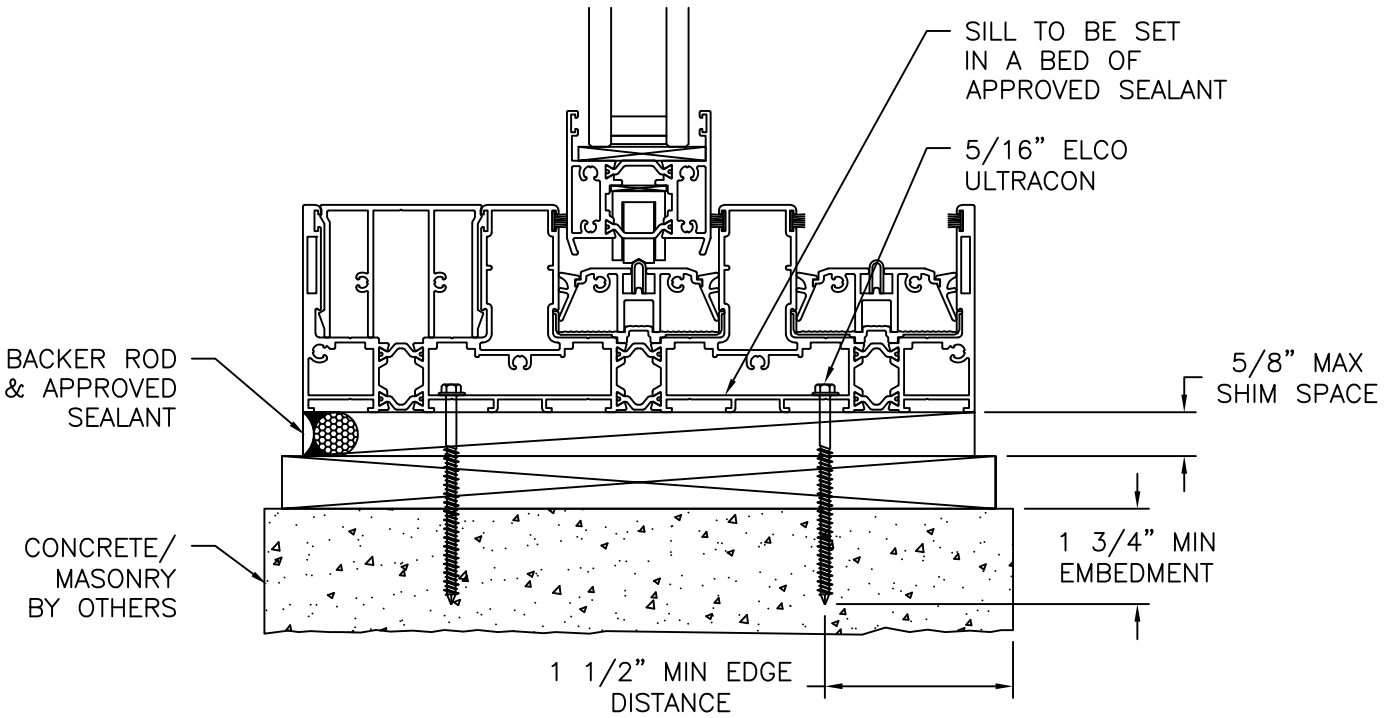
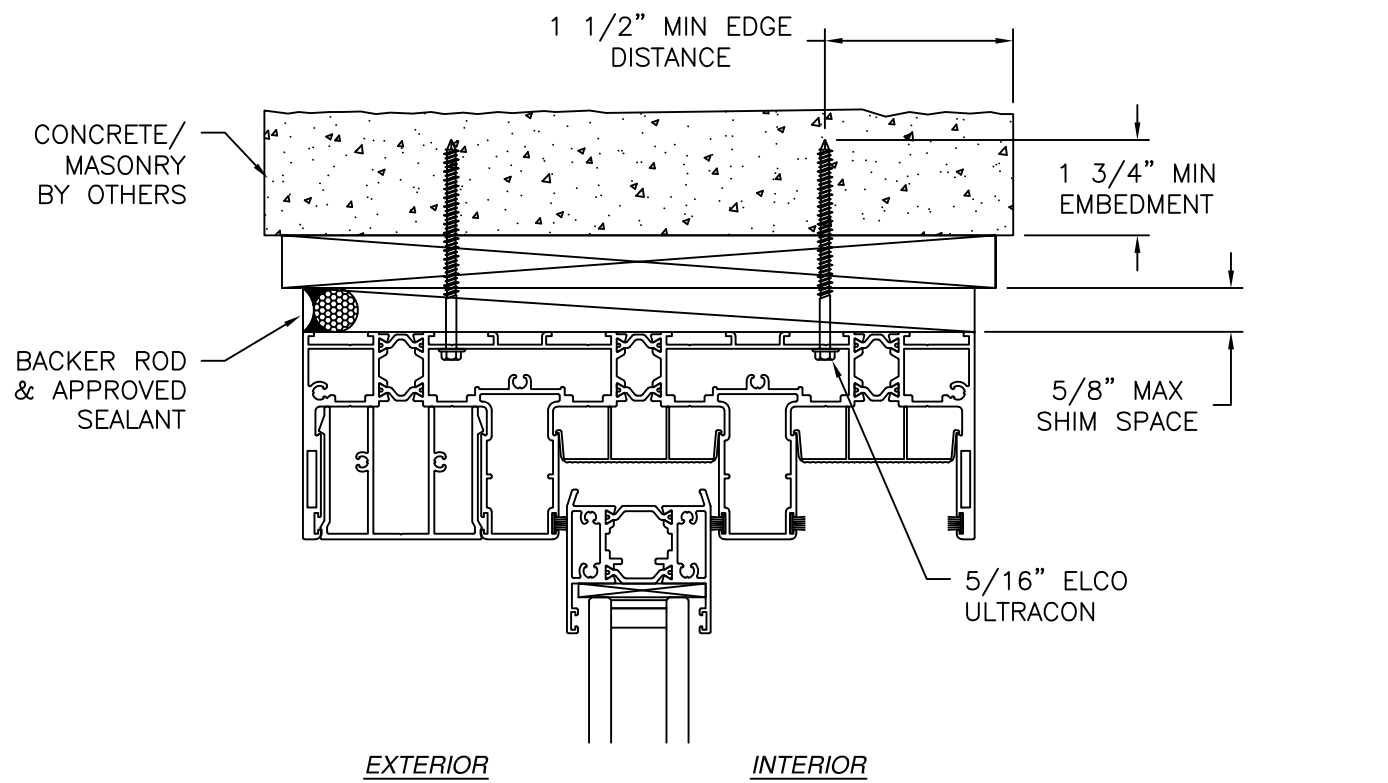
NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925		CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT INSTALLATION DETAILS		L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com	
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DWG NO.	SHEET	
08-03969	9 OF 12	
SCALE NTS	REV C	FPA -
DRAWN R.L.	DATE: 12/18/23	

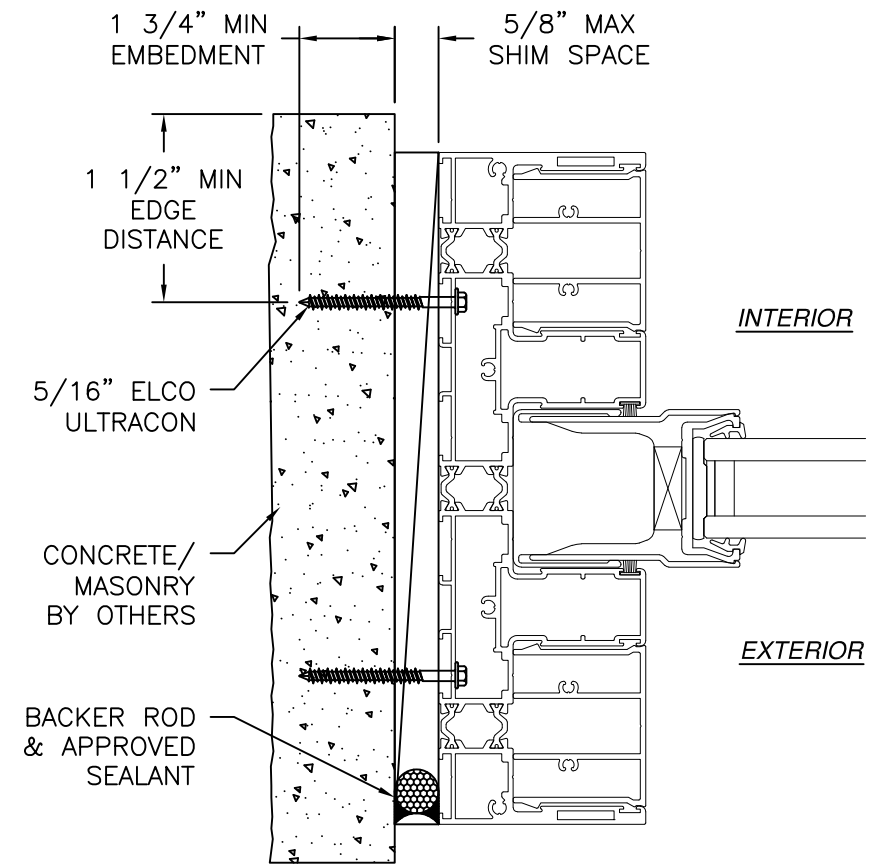
SIGNED: 08/14/2026



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



VERTICAL CROSS SECTION
STANDARD SILL SHOWN, OTHER SILLS SIMILAR
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

- 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. WEEPS NOT SHOWN FOR CLARITY

REVISIONS		DATE
REV	DESCRIPTION	
C	NEW TESTING	08/12/26

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

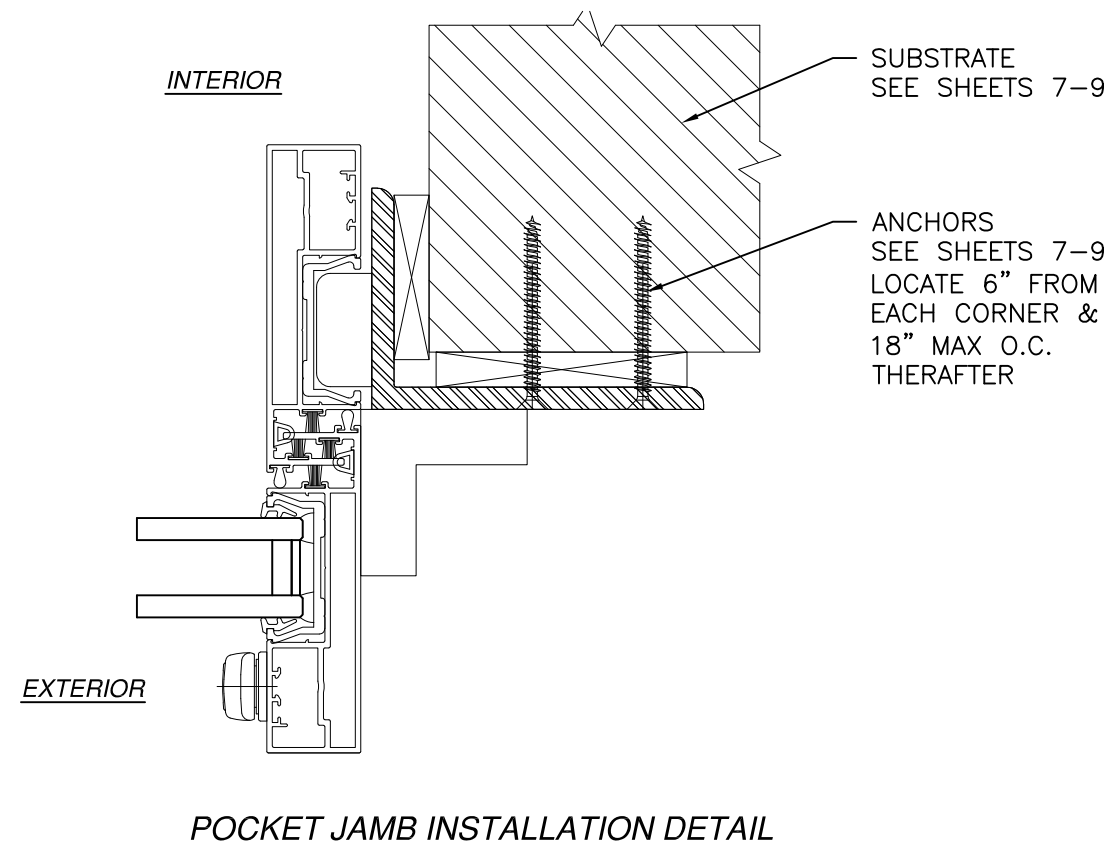
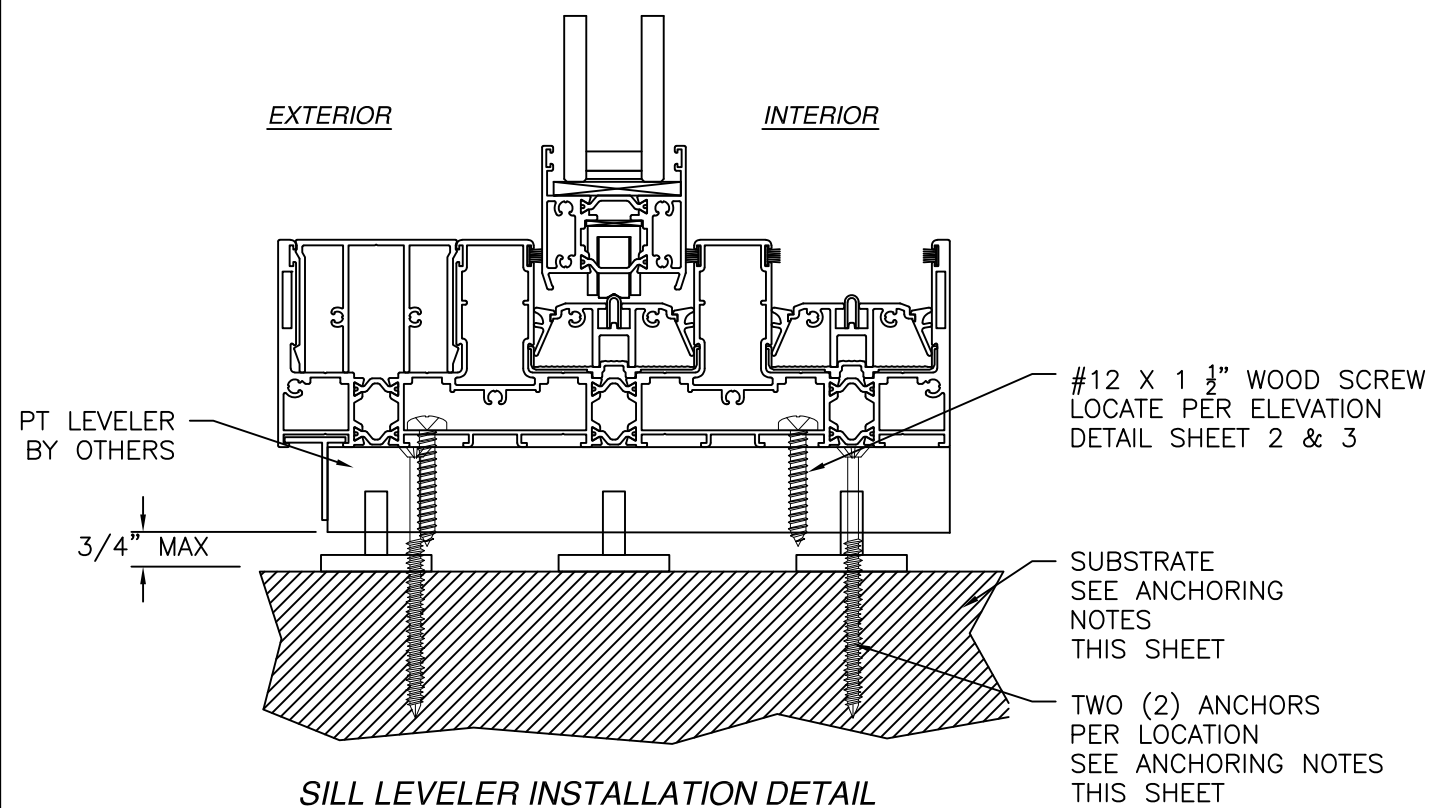
**CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
INSTALLATION DETAILS**

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

DWG NO. 08-03969	SHEET 10 OF 12
SCALE NTS	REV C FPA -
DRAWN R.L.	DATE: 12/18/23

SIGNED: 08/14/2026

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



LEVELER ANCHORING NOTES:

1. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE.
2. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE.
3. FOR ANCHORING INTO METAL STRUCTURE USE #12 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL.
4. ALL FASTENERS TO BE CORROSION RESISTANT.
5. FOR SUBSTRATE REQUIREMENTS SEE NOTES IN SHEET 1.
6. LOCATE LEVELER ANCHORS AS FOLLOWS:
 - 6.A. UP TO 35PSF RATINGS, LOCATE ANCHORS 6" FROM EACH CORNER AND 24" MAX O.C.
 - 6.B. UP TO 40PSF RATINGS, LOCATE ANCHORS 6" FROM EACH CORNER AND 22" MAX O.C.
 - 6.C. UP TO 52.5PSF RATINGS, LOCATE ANCHORS 6" FROM EACH CORNER AND 16" MAX O.C.

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. WEEPS NOT SHOWN FOR CLARITY

INSTALLATION DETAILS

REVISIONS			DATE
REV	DESCRIPTION	NEW TESTING	
C			08/12/26

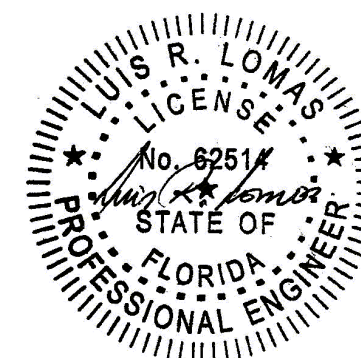
NANA WALL SYSTEMS, INC.
100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

**CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
INSTALLATION DETAILS**

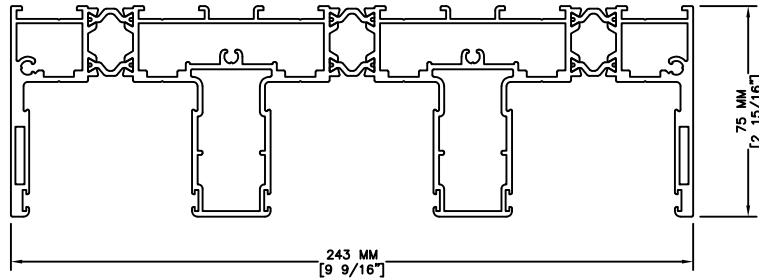
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIANLANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

DWG NO. 08-03969	SHEET 11 OF 12
SCALE NTS	REV C FPA -
DRAWN R.L.	DATE: 12/18/23

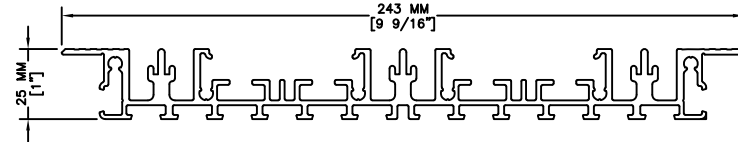
SIGNED: 08/14/2026



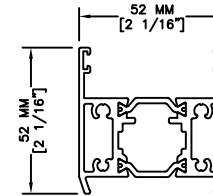
Luis R. Lomas P.E.
FL No.: 62514



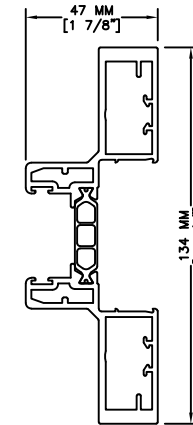
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Item Description:
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PROFILE FOR 3-TRACKS



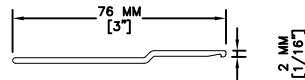
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Item Description:
6063-T5 ALUMINUM FLUSH SILL
FOR 3-TRACKS



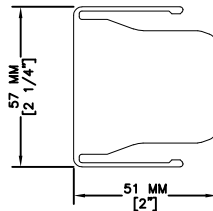
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Item Description:
6063-T5 ALUMINUM PANEL
PROFILE TOP / BOTTOM



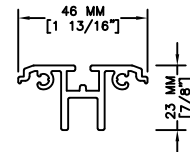
Part No. 5-220-10-X
Item Description:
6063-T5 ALUMINUM LATERAL
FEMALE PANEL MEETING ON SAME
TRACK



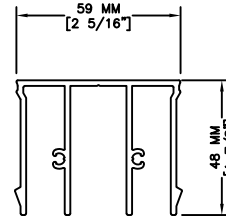
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Item Description:
6063-T5 ALUMINUM COVER
PROFILE FOR FIXED PANEL



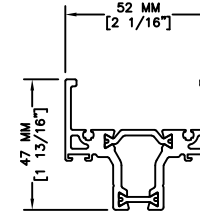
Part No. 15-210-40-X
Item Description:
POLYAMIDE CLAMPING PIECE FOR
COVER PROFILE FIXED PANEL



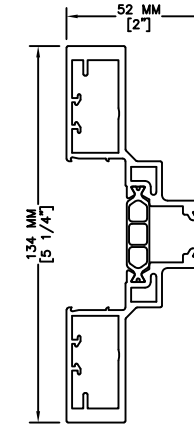
Part No. 5-210-04-X
Item Description:
6063-T5 ALUMINUM BOTTOM
RUNNING TRACK



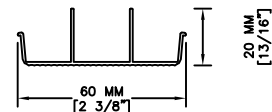
Part No. 5-210-05-X
Item Description:
6063-T5 ALUMINUM TRACK INFILL
PROFILE



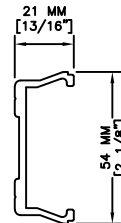
Part No. 5-220-128-X
Item Description:
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BOTTOM FOR MINIMAL SILL



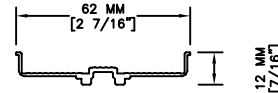
Part No. 5-220-11-X
Item Description:
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MALE PANEL MEETING ON SAME TRACK



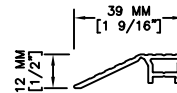
Part No. 5-220-06-X
Item Description:
POLYAMIDE COVER PROFILE
FOR HEAD TRACK



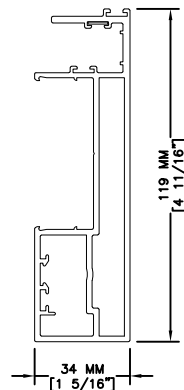
Part No. 5-220-09-X
Item Description:
POLYAMIDE VERTICAL PANEL
PROFILE (STILE COMPONENT)



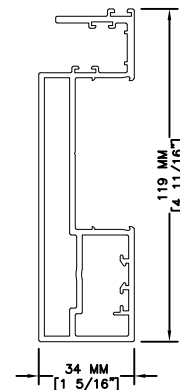
Part No. 5-210-06-X
Item Description:
POLYAMIDE BASE PLATE FOR
RUNNING TRACK



Part No. 5-0-1010-X
Item Description:
6063-T5 ALUMINUM ADAPTER
PROFILE FOR SILL



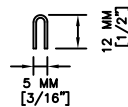
Part No. 5-210-30-X
Item Description:
6063-T5 ALUMINUM LATERAL
PANEL CONNECTION PROFILE,
PARALLEL DIRECTION (STILE)



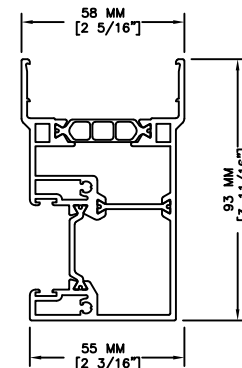
Part No. 5-210-32-X
Item Description:
6063-T5 ALUMINUM LATERAL
PANEL CONNECTION PROFILE,
OPPOSITE DIRECTION (STILE)



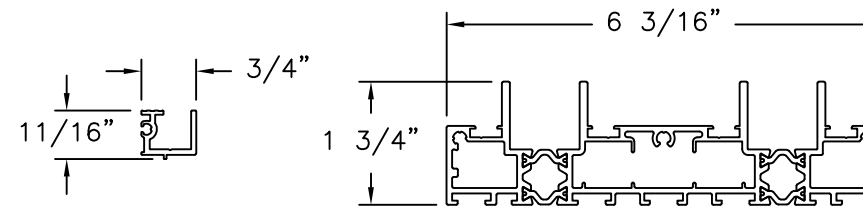
Part No. 30-0-276-X
Item Description:
6063-T5 ALUMINUM CORNER
PROFILE 120X80X8



Part No. 5-66-09-X
Item Description:
STAINLESS STEEL TRACK INSERT

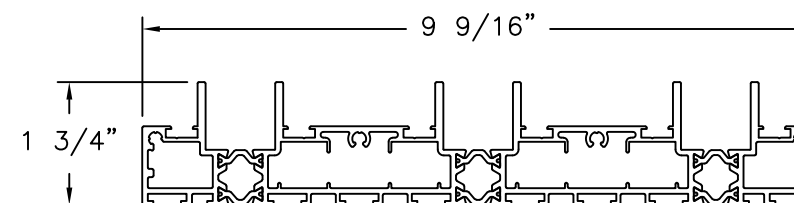


Part No. 5-220-14-X
ITEM DESCRIPTION:
6063-T5 ALUMINUM CORNER
POST PANEL PROFILE



RAIL SILL

2-TRACK MINIMAL SILL



3-TRACK MINIMAL SILL

REVISIONS			DATE
REV	DESCRIPTION		
C	NEW TESTING		08/12/26

NANA WALL SYSTEMS, INC.

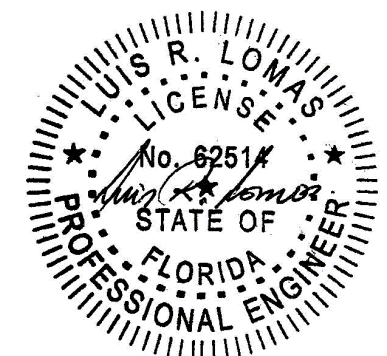
100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
COMPONENTS

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

DWG NO. 08-03969	SHEET 12 OF 12
SCALE NTS	REV C FPA -
DRAWN R.L.	DATE: 12/18/23

SIGNED: 08/14/2026



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