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 ULTRACON 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.

TABLE OF CONTENTS

SHEET NO.	DESCRIPTION
1	NOTES
2 – 3	ELEVATIONS AND RATINGS
4 – 5	CROSS SECTIONS
6 – 9	INSTALLATION DETAILS
10	COMPONENTS

REVISIONS

REV	DESCRIPTION	DATE
C	REVISED CHARTS	08/12/26

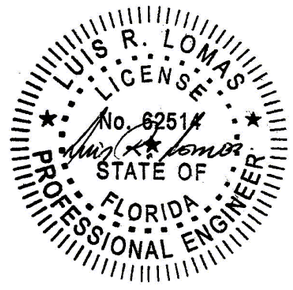
NANA WALL SYSTEMS, INC
100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

CERO III STANDARD SLIDING GLASS DOOR
NON–IMPACT
NOTES

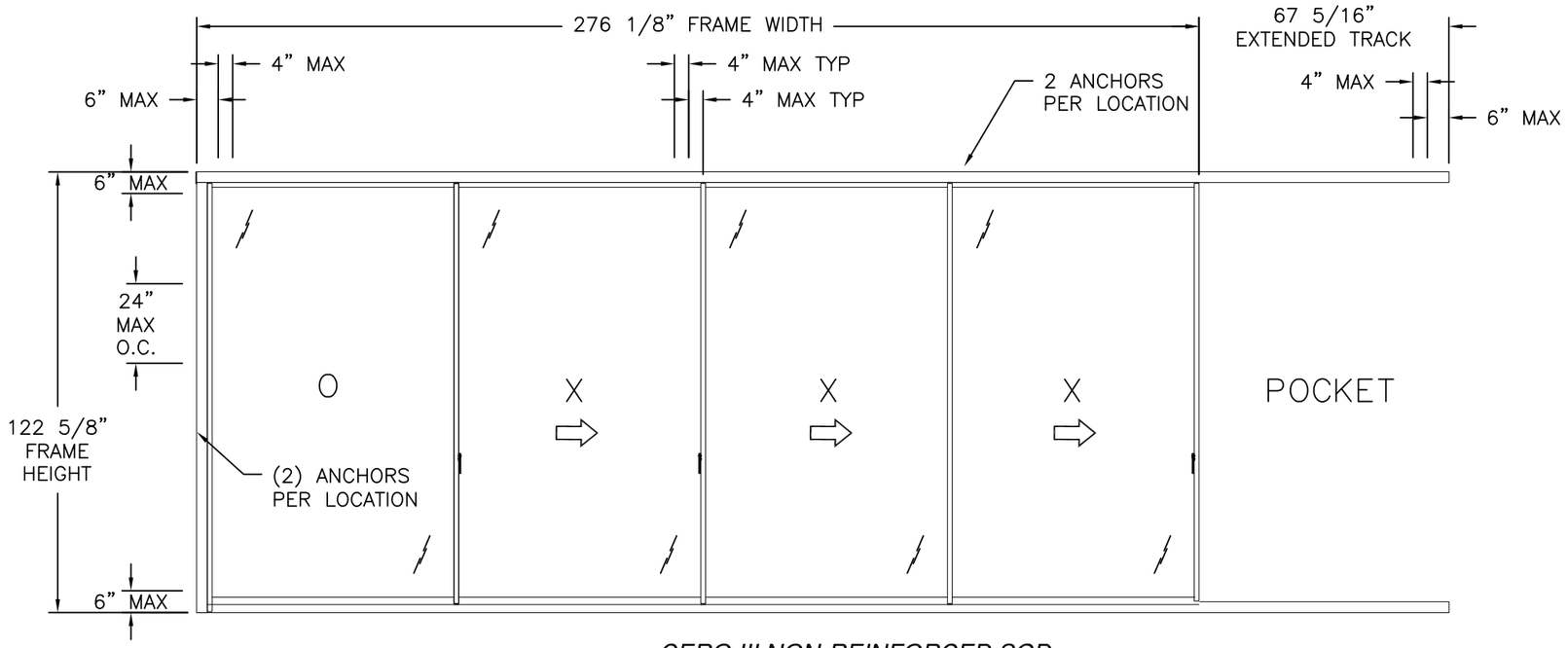
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rlomas@rlomaspe.com

DWG NO. 08–03971 | SHEET 1 OF 10
SCALE NTS | REV C | FPA –
DRAWN R.L. | DATE: 12/19/23

SIGNED: 08/27/2026



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



CERO III NON-REINFORCED SGD

INTERIOR VIEW

MULTIPLE PANELS IN MULTIPLE CONFIGURATIONS AND TRACKS APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 56.49 FT²

DESIGN PRESSURE RATING	*IMPACT RATING*
±-40.0PSF	*NONE*

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*		*84.00*	
	Pos	*Neg*	*Pos*	*Neg*	*Pos*	*Neg*	*Pos*	*Neg*	*Pos*	*Neg*	*Pos*	*Neg*	*Pos*	*Neg*	*Pos*	*Neg*
80.00	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.1	59.1	56.5	56.5	52.2	52.2	48.4	48.4
84.00	60.0	60.0	60.0	60.0	60.0	60.0	58.7	58.7	56.3	56.3	53.8	53.8	49.7	49.7	46.1	46.1
90.00	60.0	60.0	60.0	60.0	60.0	60.0	54.8	54.8	52.5	52.5	50.2	50.2	46.4	46.4	43.0	43.0
96.00	60.0	60.0	60.0	60.0	56.5	56.5	51.4	51.4	49.2	49.2	47.1	47.1	43.5	43.5	40.4	40.4
102.00	60.0	60.0	56.9	56.9	53.2	53.2	48.3	48.3	46.3	46.3	44.3	44.3	40.9	40.9	-	-
108.00	57.2	57.2	52.7	52.7	49.3	49.3	45.7	45.7	43.8	43.8	41.9	41.9	-	-	-	-
114.00	53.4	53.4	49.1	49.1	45.7	45.7	43.1	43.1	41.4	41.4	-	-	-	-	-	-
118.13	51.0	51.0	46.9	46.9	43.6	43.6	41.0	41.0	40.0	40.0	-	-	-	-	-	-
120.00	50.0	50.0	45.9	45.9	42.2	42.2	39.2	39.2	-	-	-	-	-	-	-	-
126.00	43.6	43.6	39.4	39.4	36.1	36.1	-	-	-	-	-	-	-	-	-	-
132.00	37.7	37.7	34.0	34.0	31.1	31.1	-	-	-	-	-	-	-	-	-	-
138.00	32.8	32.8	29.6	29.6	-	-	-	-	-	-	-	-	-	-	-	-
144.00	28.8	28.8	25.9	25.9	-	-	-	-	-	-	-	-	-	-	-	-
150.00	25.4	25.4	22.8	22.8	-	-	-	-	-	-	-	-	-	-	-	-
156.00	22.5	22.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
162.00	20.0	20.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
164.50	19.1	19.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
168.00	17.9	17.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES:

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

REVISIONS

REV	DESCRIPTION	DATE
C	REVISED CHARTS	08/12/26

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

CERO III STANDARD SLIDING GLASS DOOR
NON-IMPACT
ELEVATION

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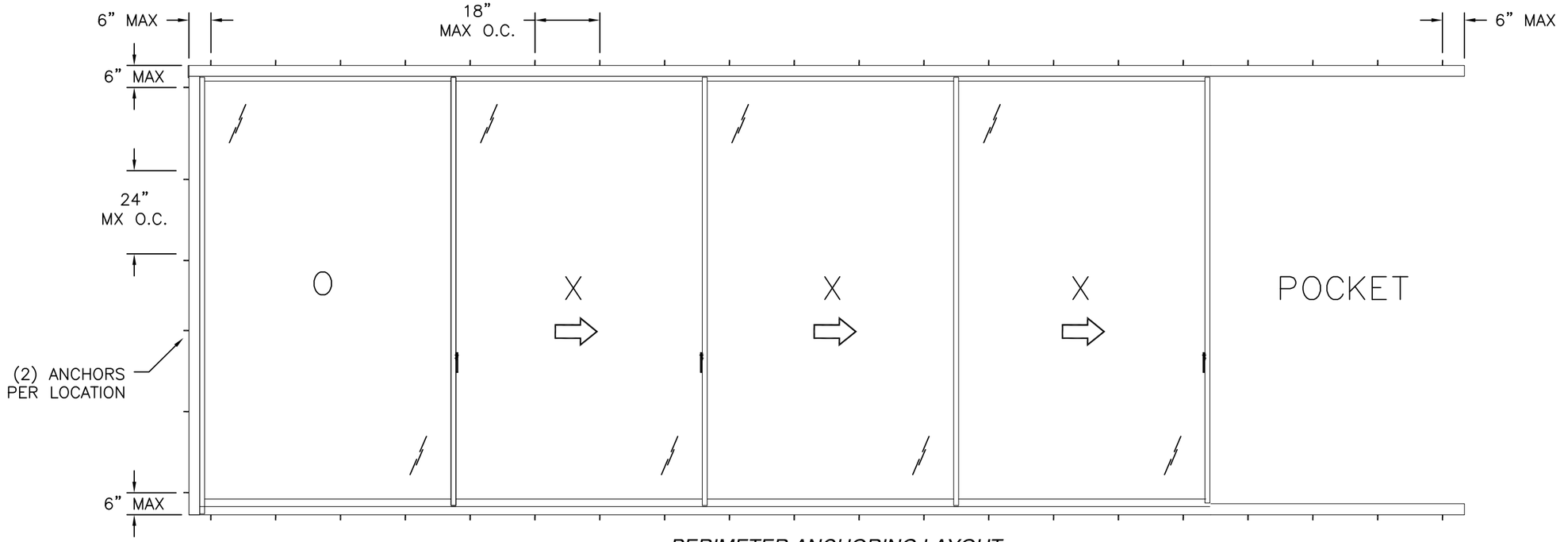
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rlomas@lromaspe.com

DWG NO. 08-03971 | SHEET 2 OF 10
SCALE NTS | REV C | FPA –
DRAWN R.L. | DATE: 12/19/23

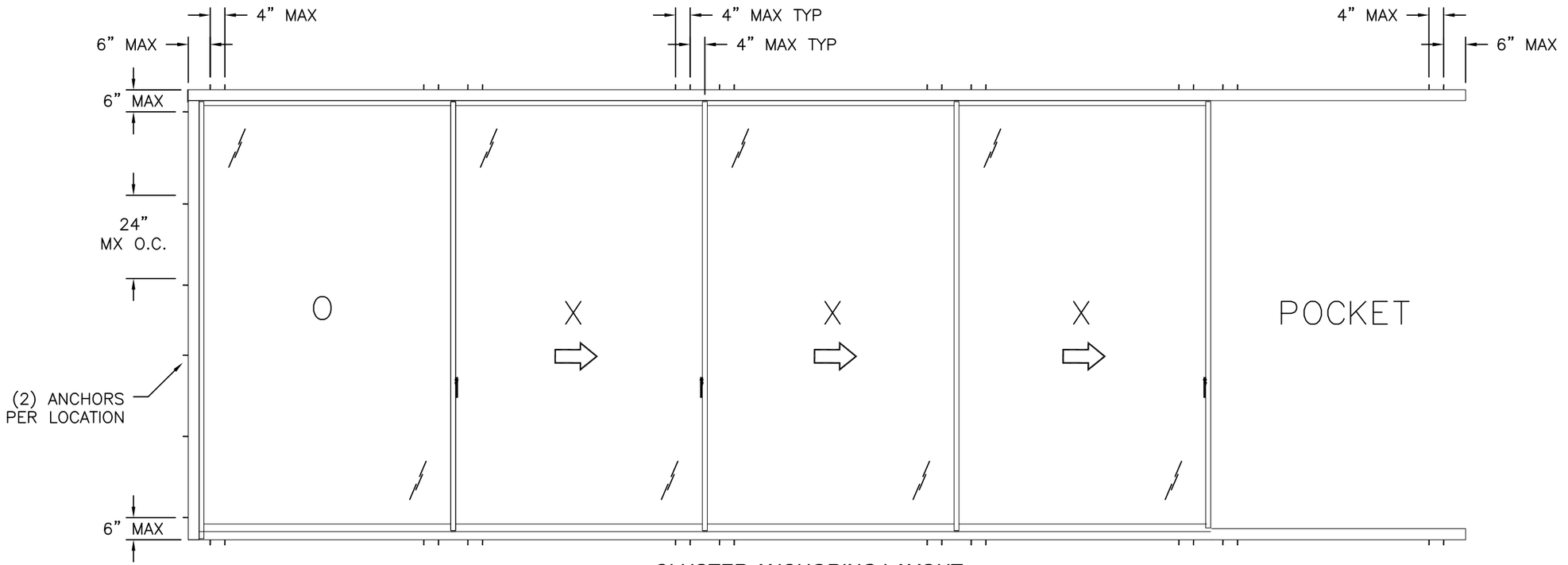
SIGNED: 08/27/2026

LUIS R. LOMAS LICENSE No. 62514 STATE OF FLORIDA PROFESSIONAL ENGINEER

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



PERIMETER ANCHORING LAYOUT



CLUSTER ANCHORING LAYOUT

REVISIONS

REV	DESCRIPTION	DATE
C	REVISED CHARTS	08/12/26

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

CERO III STANDARD SLIDING GLASS DOOR
NON-IMPACT
ANCHORING LAYOUTS

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DWG NO.	SHEET
08-03971	3 OF 10
SCALE NTS	REV C / FPA –
DRAWN R.L.	DATE: 12/19/23

SIGNED: 08/27/2026

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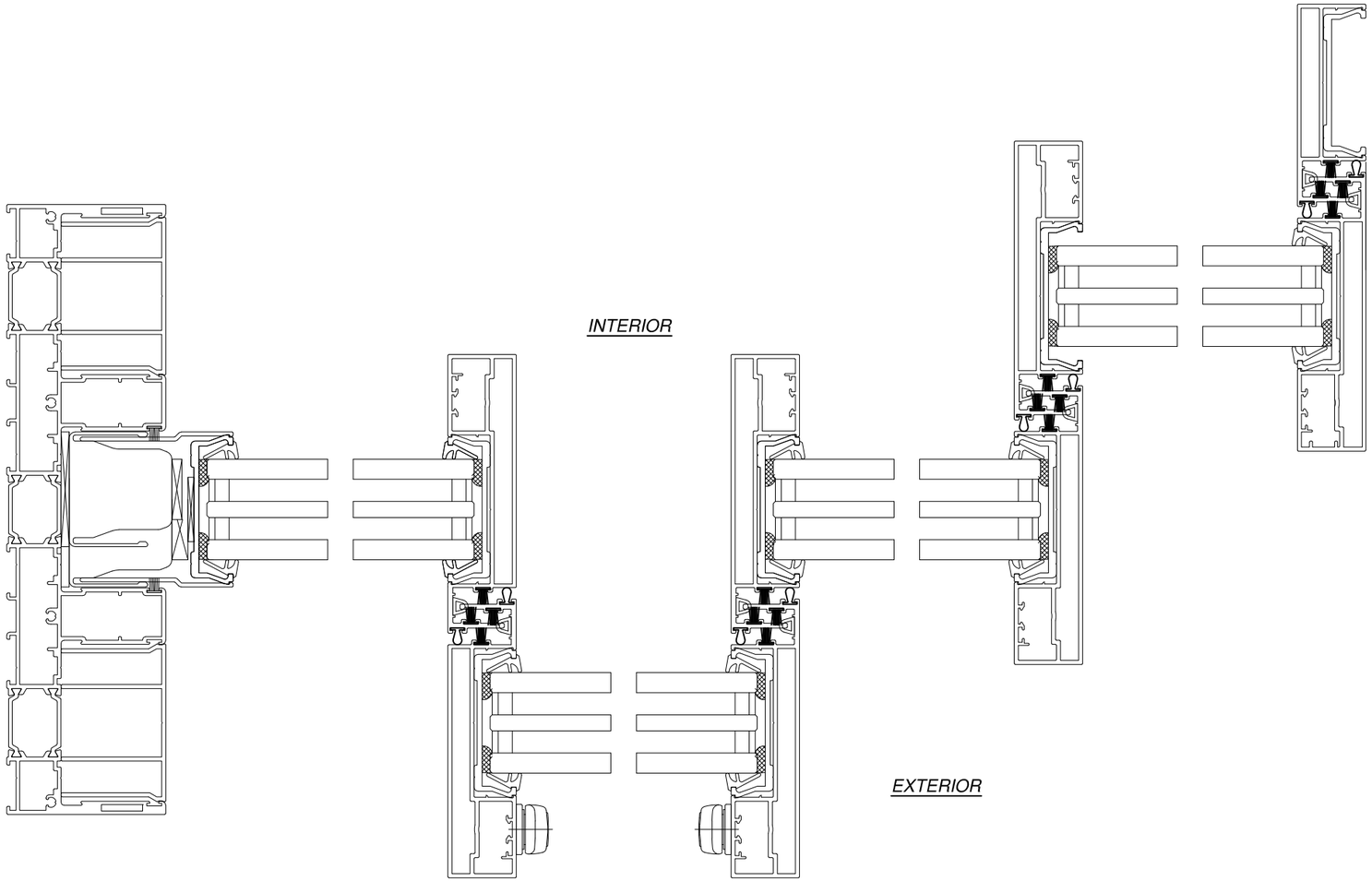

HORIZONTAL CROSS SECTION

REVISIONS

REV	DESCRIPTION	DATE
C	REVISED CHARTS	08/12/26

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

CERO III STANDARD SLIDING GLASS DOOR
NON-IMPACT
CROSS SECTIONS

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

DWG NO. 08-03971
SHEET 4 OF 10
SCALE NTS
REV C
FPA –
DRAWN R.L.
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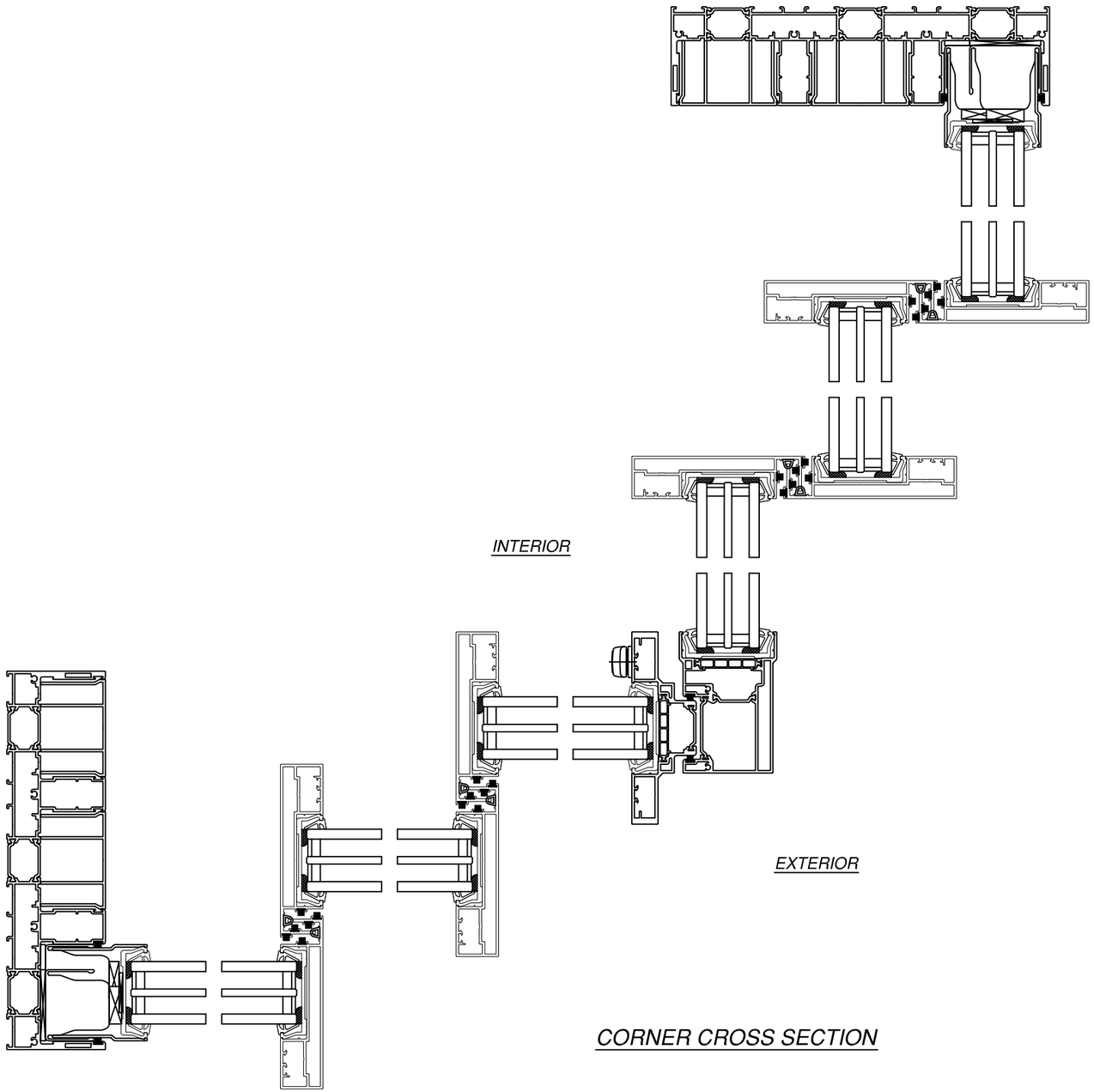

INTERIOR

EXTERIOR

CORNER CROSS SECTION

REVISIONS

REV	DESCRIPTION	DATE
C	REVISED CHARTS	08/12/26

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

CERO III STANDARD SLIDING GLASS DOOR
NON-IMPACT
CROSS SECTIONS

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DWG NO. 08-03971
SHEET 5 OF 10
SCALE NTS
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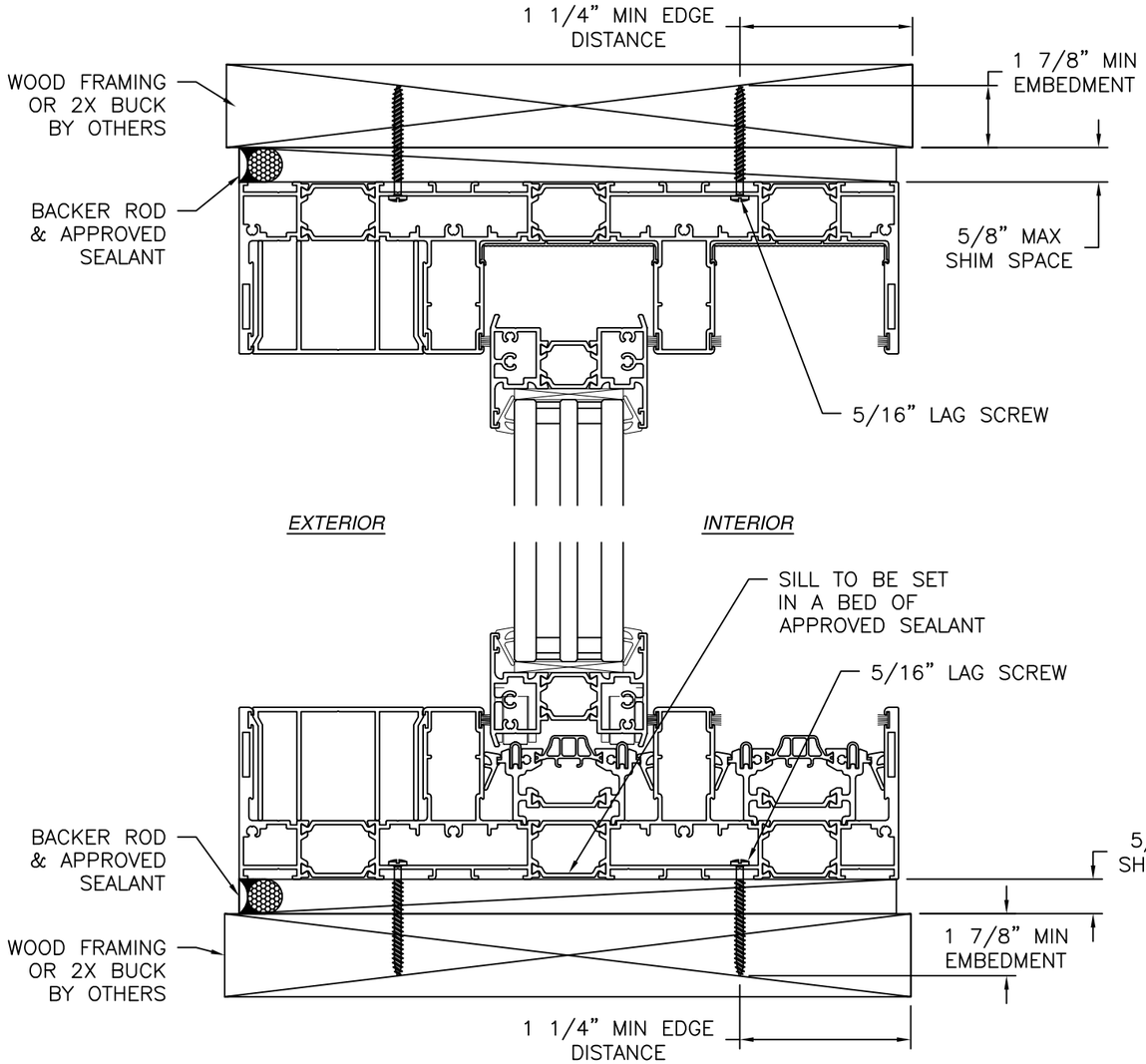
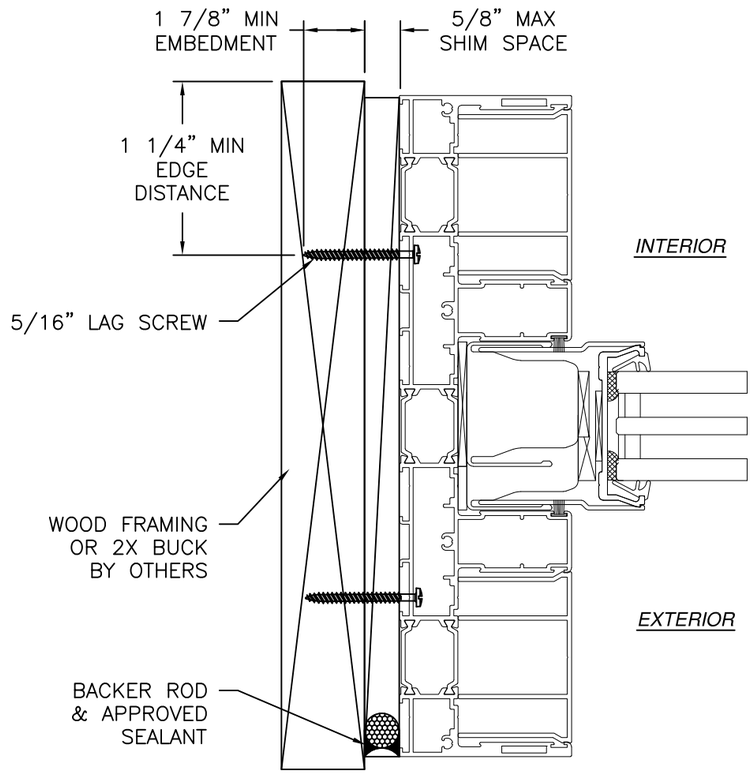


VERTICAL CROSS SECTION

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



JAMB INSTALLATION DETAIL

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		
REV	DESCRIPTION	DATE
C	REVISED CHARTS	08/12/26

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

CERO III STANDARD SLIDING GLASS DOOR
NON-IMPACT
INSTALLATION DETAILS

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

DWG NO.	SHEET
08-03971	6 OF 10
SCALE NTS / REV C / FPA –	
DRAWN R.L.	DATE: 12/19/23

SIGNED: 08/27/2026

LUIS R. LOMAS LICENSE No. 62514 STATE OF FLORIDA PROFESSIONAL ENGINEER

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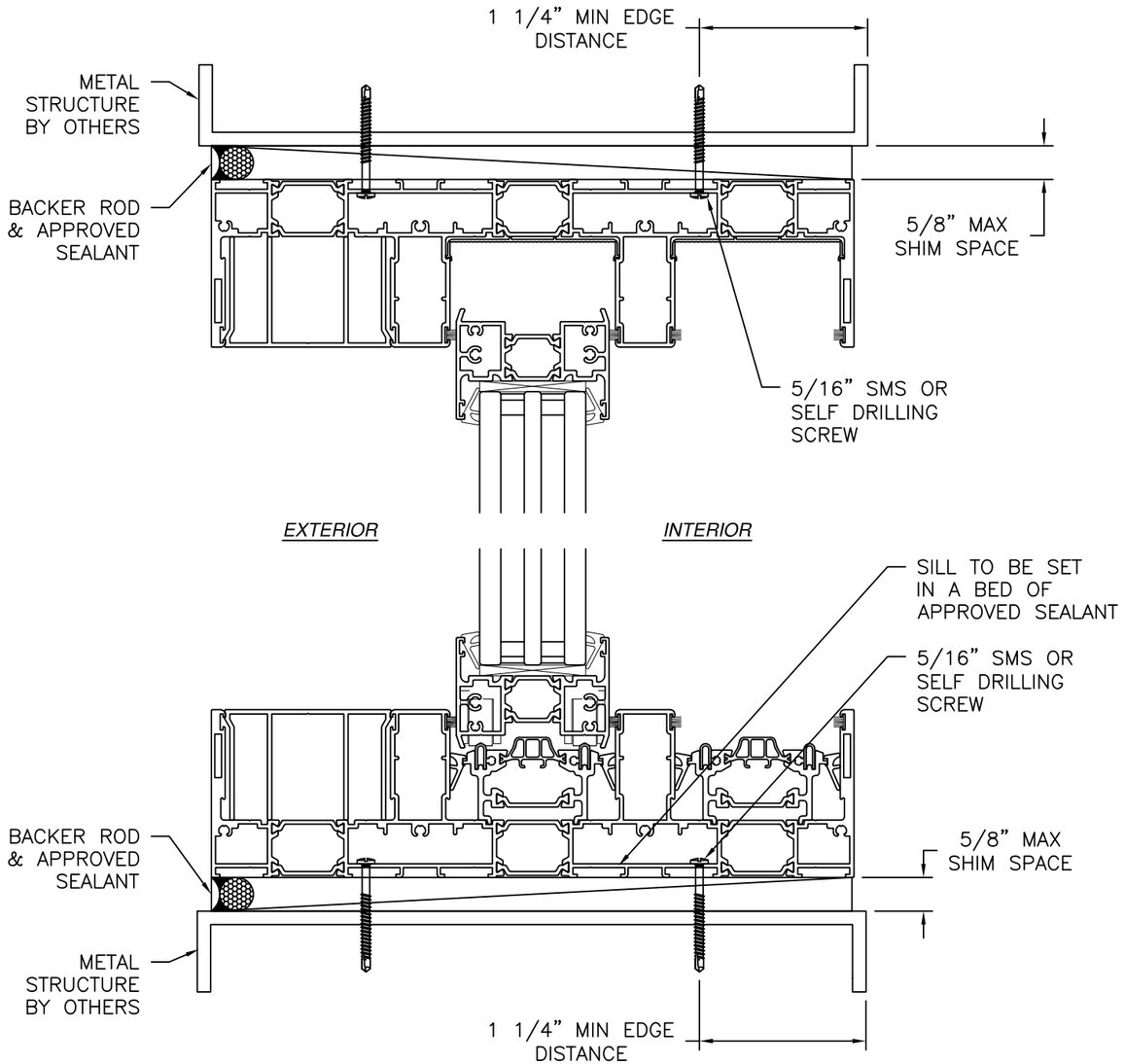
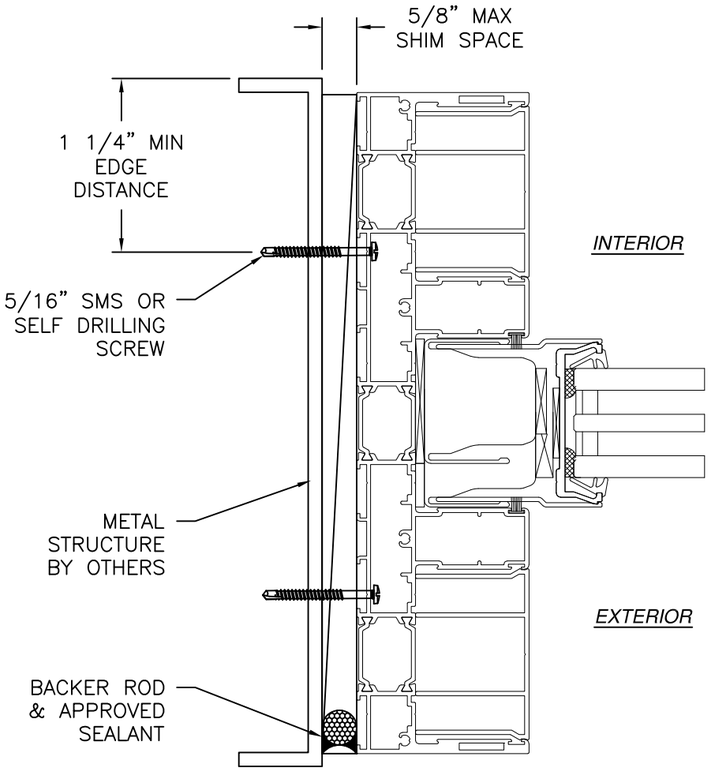


VERTICAL CROSS SECTION

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

REV	DESCRIPTION	DATE
C	REVISED CHARTS	08/12/26

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

CERO III STANDARD SLIDING GLASS DOOR
NON-IMPACT
INSTALLATION DETAILS

L. ROBERTO LOMAS P.E.
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DWG NO. 08-03971 | SHEET 7 OF 10
SCALE NTS | REV C | FPA –
DRAWN R.L. | DATE: 12/19/23

SIGNED: 08/27/2026

LUIS R. LOMAS LICENSE No. 62514 STATE OF FLORIDA PROFESSIONAL ENGINEER

Luis R. Lomas P.E.
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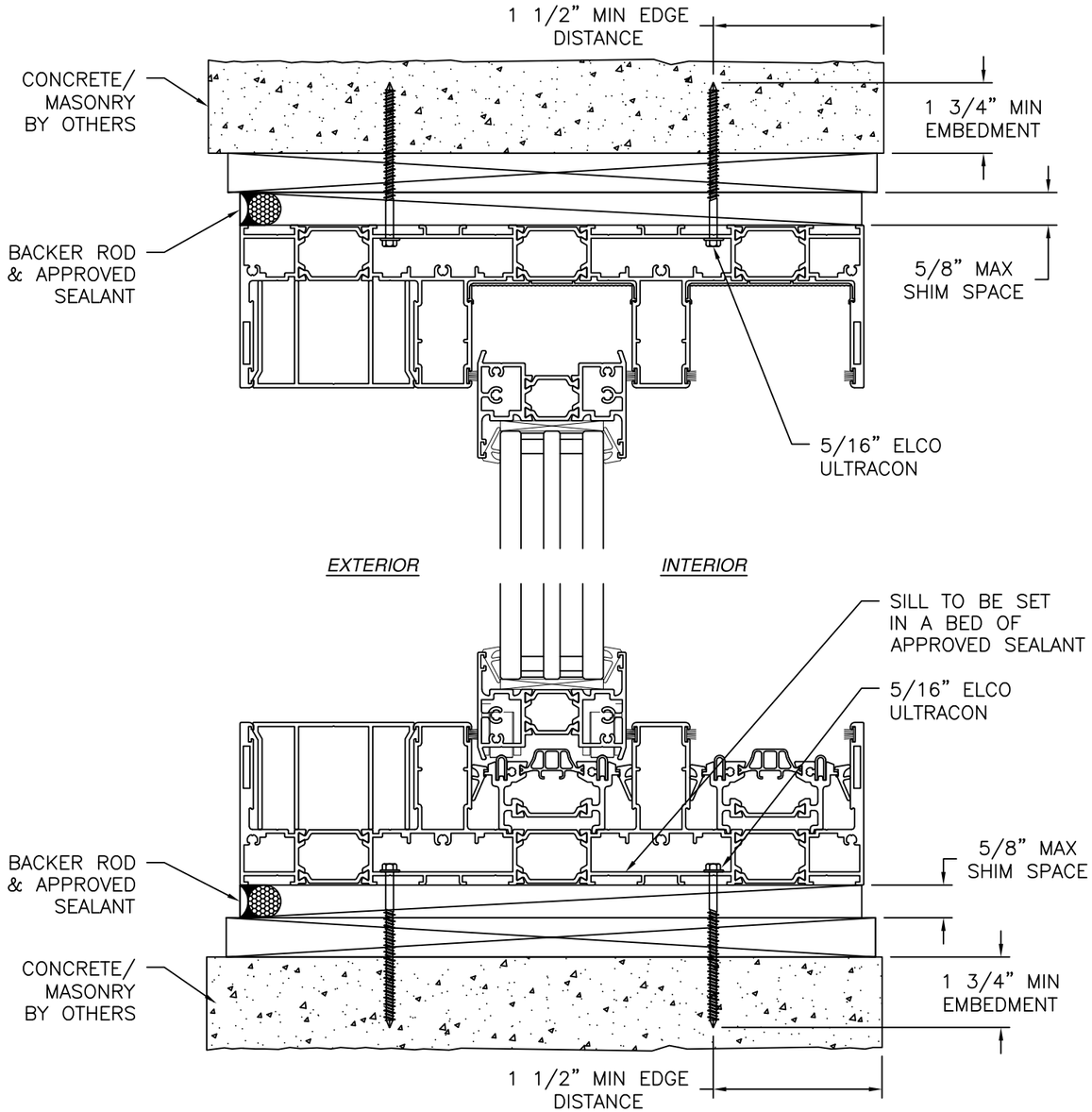
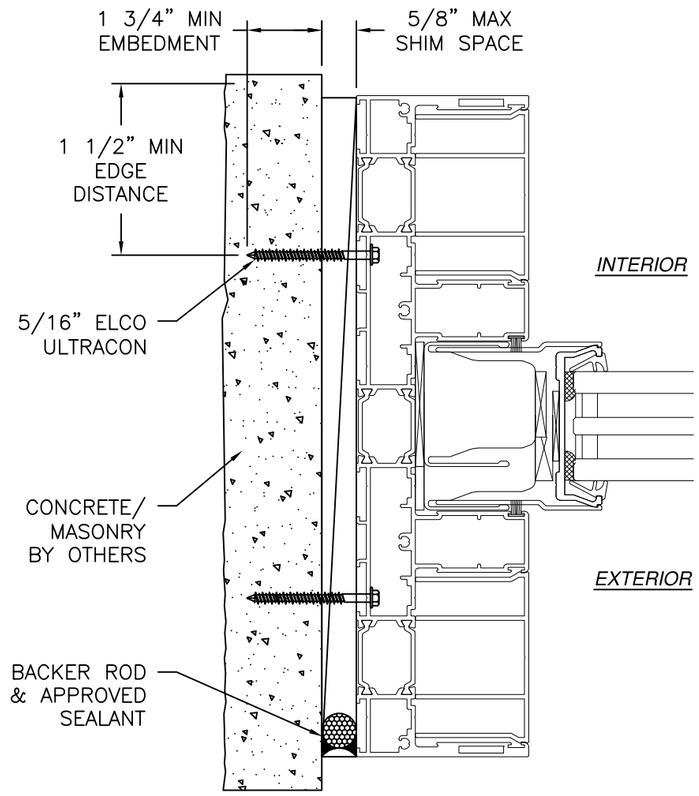


VERTICAL CROSS SECTION

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 INSTALLATION 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

REV	DESCRIPTION	DATE
C	REVISED CHARTS	08/12/26

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

CERO III STANDARD SLIDING GLASS DOOR
NON-IMPACT
INSTALLATION DETAILS

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

DWG NO.	SHEET
08-03971	8 OF 10
SCALE NTS / REV C	FPA –
DRAWN R.L.	DATE: 12/19/23

SIGNED: 08/27/2026

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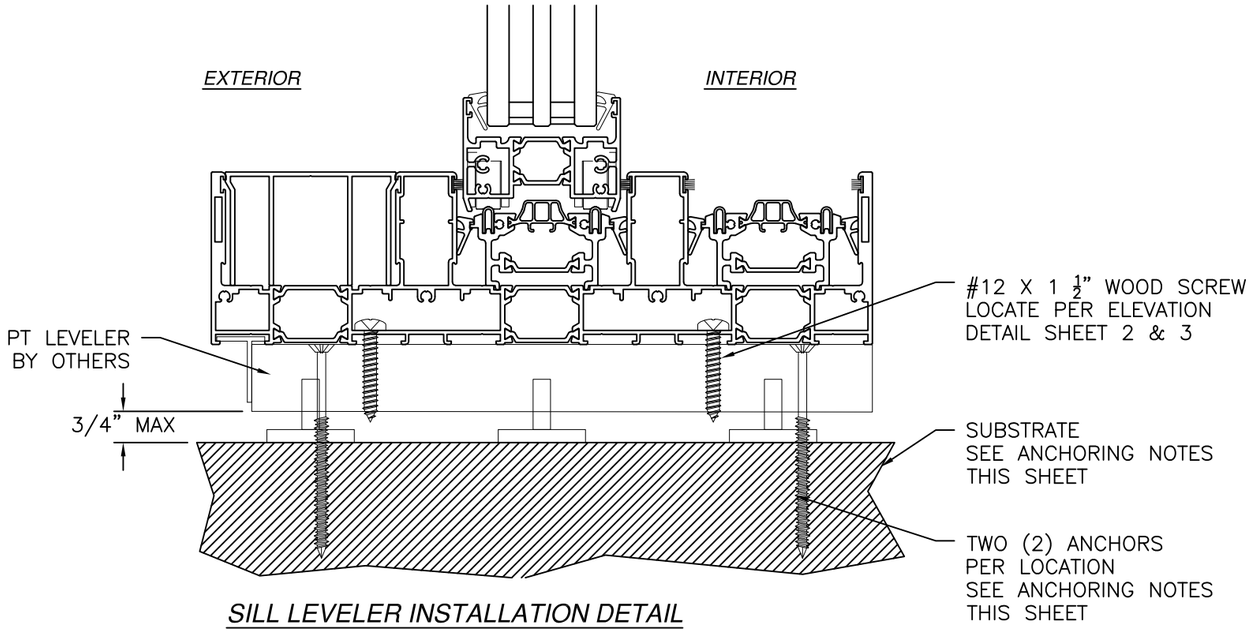
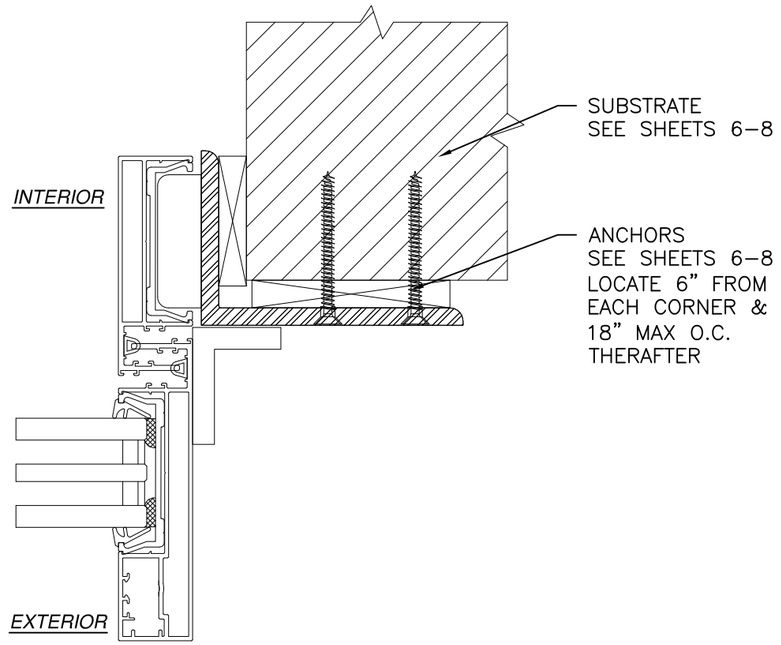
FL No.: 62514



SILL LEVELER INSTALLATION DETAIL



POCKET JAMB INSTALLATION DETAIL

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 40PSF RATINGS, LOCATE ANCHORS 6" FROM EACH CORNER AND 22" MAX O.C.
   - 6.B. UP TO 50PSF RATINGS, LOCATE ANCHORS 6" FROM EACH CORNER AND 16" MAX O.C.
   - 6.C. UP TO 60PSF RATINGS, LOCATE ANCHORS 6" FROM EACH CORNER AND 14" 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*

REVISIONS

REV	DESCRIPTION	DATE
C	REVISED CHARTS	08/12/26

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

CERO III STANDARD SLIDING GLASS DOOR
NON–IMPACT
INSTALLATION DETAILS

L. ROBERTO LOMAS P.E.
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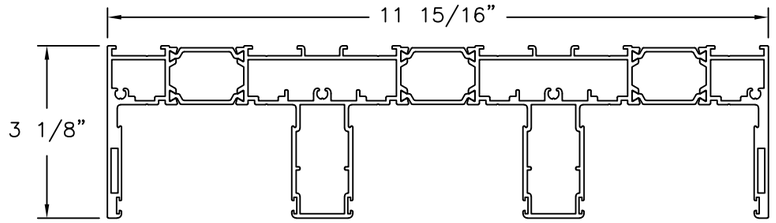
434-688-0609 rlomas@lrlomaspe.com

DWG NO. 08–03971 | SHEET 9 OF 10
SCALE NTS | REV C | FPA –
DRAWN R.L. | DATE: 12/19/23

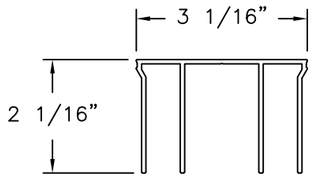
SIGNED: 08/27/2026

LUIS R. LOMAS LICENSE No. 62514 STATE OF FLORIDA PROFESSIONAL ENGINEER

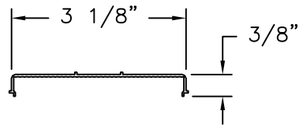
Luis R. Lomas P.E.
FL No.: 62514



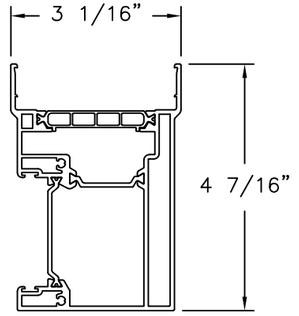
Part No. 5-200-02-X
Item Description:
6063-T5 ALUMINUM FRAME PROFILE
3 TRACK



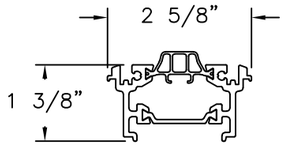
Part No. 5-200-05-X
Item Description:
6063-T5 ALUMINUM FILLING PROFILE



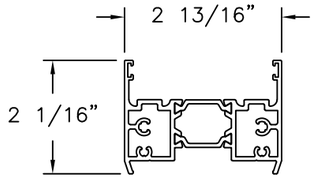
Part No. 5-200-06
Item Description:
POLYAMIDE COVER PROFILE
FOR HEAD TRACK



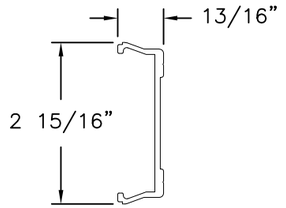
Part No. 5-200-42-X
ITEM DESCRIPTION:
6063-T5 ALUMINUM CORNER
POST PANEL PROFILE



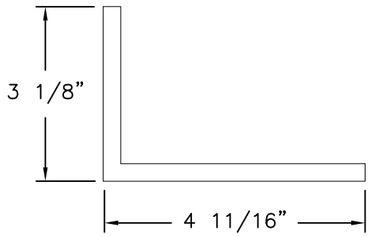
Part No. 5-200-29-X
Item Description:
6063-T5 ALUMINUM RUNNING TRACK



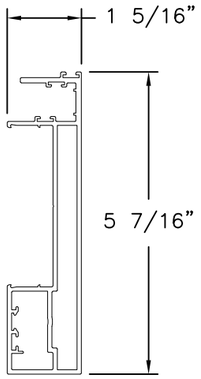
Part No. 5-200-30-X
Item Description:
6063-T5 ALUMINUM PANEL PROFILE
TOP AND BOTTOM



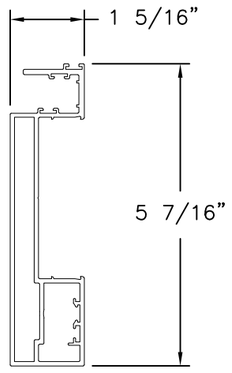
Part No. 5-200-31-X
Item Description:
POLYAMIDE VERTICAL PANEL
PROFILE (STILE COMPONENT)



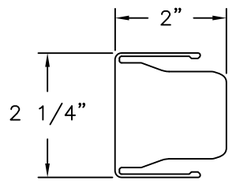
Part No. 30-0-276-X
Item Description:
ALUMINUM CORNER PROFILE 120X80X8



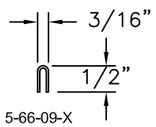
Part No. 5-200-38-X
Item Description:
6063-T5 ALUMINUM LATERAL PANEL
CONNECTION PROFILE, PARALLEL
DIRECTION (STILE)



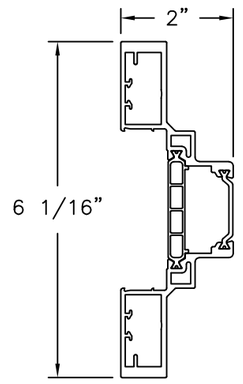
Part No. 5-200-40-X
Item Description:
6063-T5 ALUMINUM LATERAL PANEL
CONNECTION PROFILE, OPPOSITE
DIRECTION (STILE)



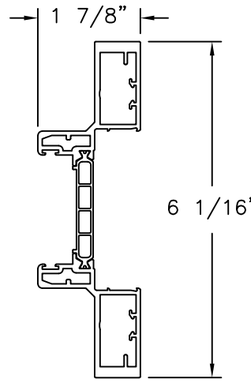
Part No. 15-210-40-X
Item Description:
POLYAMIDE CLAMPING PIECE FOR
COVER PROFILE FIXED PANEL



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



Part No. 5-220-35-X
Item Description:
6063-T5 ALUMINUM LATERAL MALE
PANEL MEETING ON SAME TRACK



Part No. 5-220-32-X
Item Description:
6063-T5 ALUMINUM LATERAL FEMALE
PANEL MEETING ON SAME TRACK

REVISIONS

REV	DESCRIPTION	DATE
C	REVISED CHARTS	08/12/26

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

CERO III STANDARD SLIDING GLASS DOOR
NON-IMPACT
COMPONENTS

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

DWG NO. 08-03971
SHEET 10 OF 10
SCALE NTS
REV C
FPA –
DRAWN R.L.
DATE: 12/19/23

SIGNED: 08/27/2026

LUIS R. LOMAS LICENSE No. 62514 STATE OF FLORIDA PROFESSIONAL ENGINEER

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