

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED CHARTS	07/30/26	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD AND METAL FRAMING 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. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
4. 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.
5. 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.
6. 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.
7. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. 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".
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: EXTRUDED ALUMINUM 6063-T5.
12. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

14. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" TAPCONS 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.
16. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #14 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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:
 - A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - C. MASONRY: GROUT FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI 1/4" THICK MINIMUM WITH WOOD BACKING

SIGNED: 07/31/2026

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

SERIES NW ALUMINUM 840/SL84/HIGHLINE INSWING
FOLDING DOOR NON-IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03748

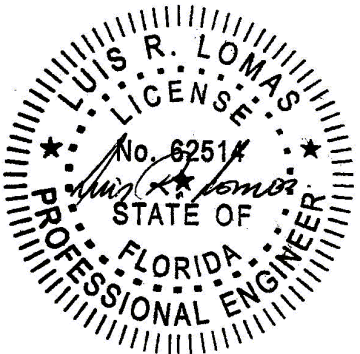
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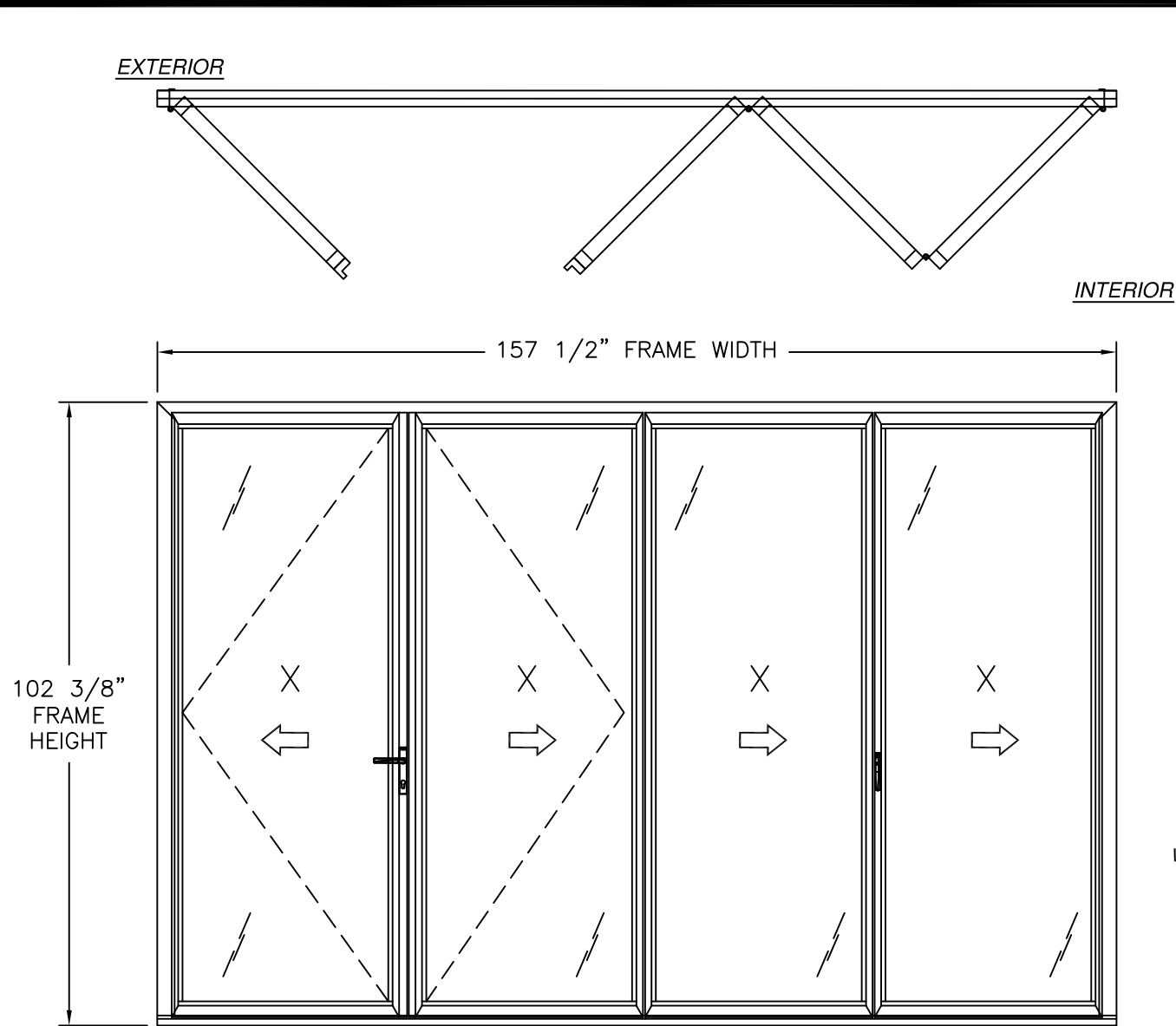
DATE
07/26/21

SHEET
1 OF 9

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



SERIES NW ALUMINUM 840 FOLDING PANEL SYSTEM INSWING
INTERIOR VIEW

UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS ARE APPROVED AS LONG AS
INDIVIDUAL PANEL AREA DOES NOT EXCEED 27.83 FT²

- NOTES:
- 1. LOCKING SWING PANEL SIZE: 41 1/16" X 97 5/8"
 - 2. KEEPER FOLDING PANEL SIZE: 38 7/8" X 97 5/8"
 - 3. FOLDING PANEL SIZE: 37 11/16" X 97 5/8"
 - 4. JAMB LOCKING PANEL SIZE: 39 7/8" X 97 5/8"
 - 5. D.L.O. SIZE: 31 1/2" X 90 1/2"

REVISIONS			
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WITH PERFORMANCE SILL

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

WHERE WATER PENETRATION RESISTANCE AND L/175 DEFLECTION IS REQUIRED
FOR OTHER SIZES RATINGS SEE CHART #1 AND #3, SHEET 4

WITH PERFORMANCE SILL

DESIGN PRESSURE RATING	IMPACT RATING
+50.0/-55.0PSF	NONE

WHERE WATER PENETRATION RESISTANCE AND L/175 DEFLECTION IS NOT REQUIRED
FOR OTHER SIZES RATINGS SEE CHART #2 AND #4, SHEET 4

WITH SADDLE SILL

DESIGN PRESSURE RATING	IMPACT RATING
±35.0PSF	NONE

WHERE WATER PENETRATION RESISTANCE AND L/175 DEFLECTION IS REQUIRED
FOR OTHER SIZES RATINGS SEE CHART #5, SHEET 4

WITH SADDLE SILL

DESIGN PRESSURE RATING	IMPACT RATING
+35.0/-55.0PSF	NONE

WHERE WATER PENETRATION RESISTANCE IS REQUIRED AND L/175 DEFLECTION IS NOT REQUIRED
FOR OTHER SIZES RATINGS SEE CHART #6, SHEET 4

WITH SADDLE SILL OR FLUSH SILL

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED
FOR OTHER SIZES RATINGS SEE CHART #7, SHEET 4

WITH FLUSH SILL

DESIGN PRESSURE RATING	IMPACT RATING
±35.0PSF	NONE

WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED AND L/175 DEFLECTION IS REQUIRED
FOR OTHER SIZES RATINGS SEE CHART #8, SHEET 4

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NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

SERIES NW ALUMINUM 840/SL84/HIGHLINE INSWING
FOLDING DOOR NON-IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03748

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SCALE
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DATE
07/26/21

SHEET
2 OF 9

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LUIS R. LOMAS

LICENS. M.E.

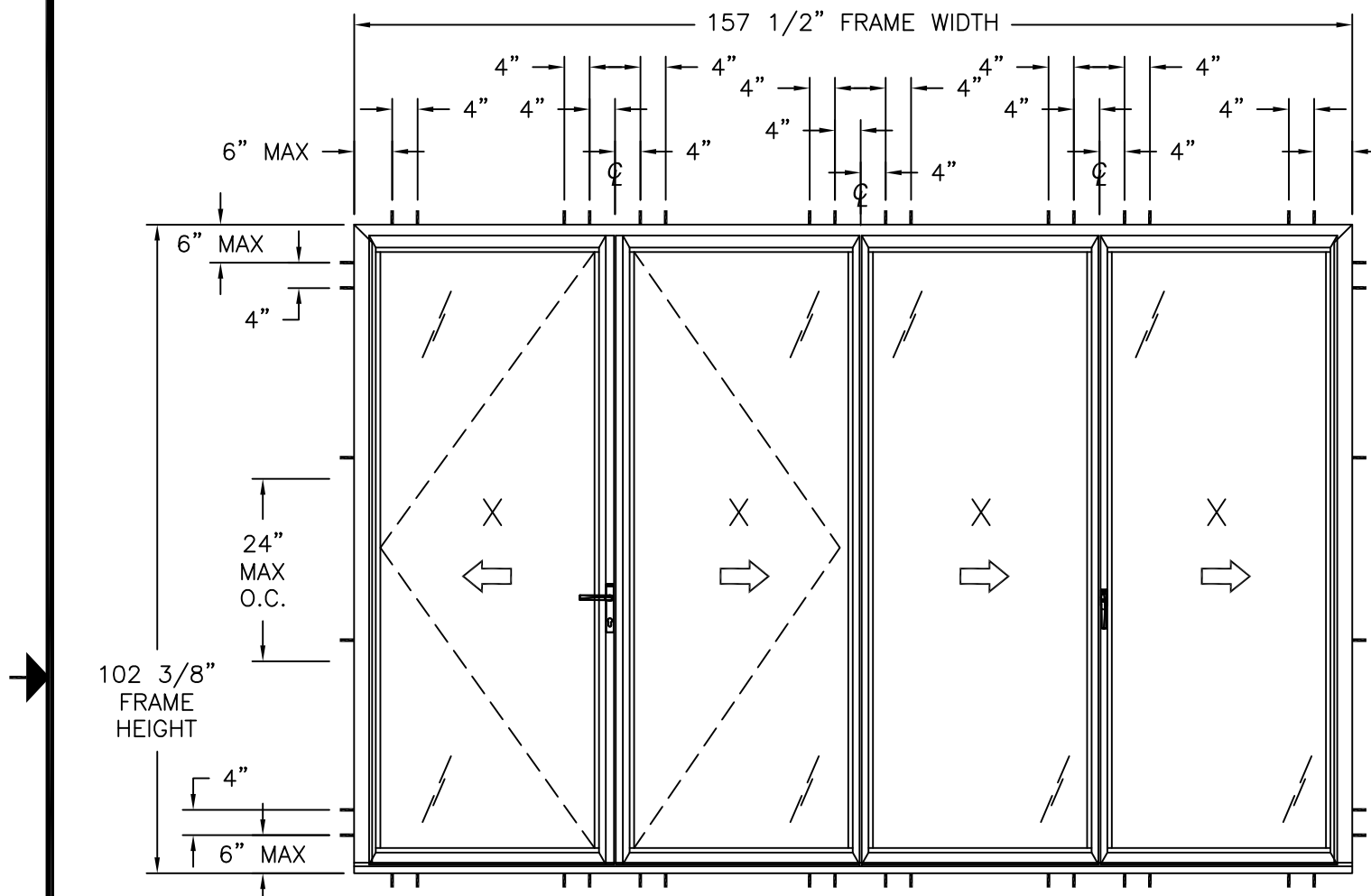
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STATE OF FLORIDA

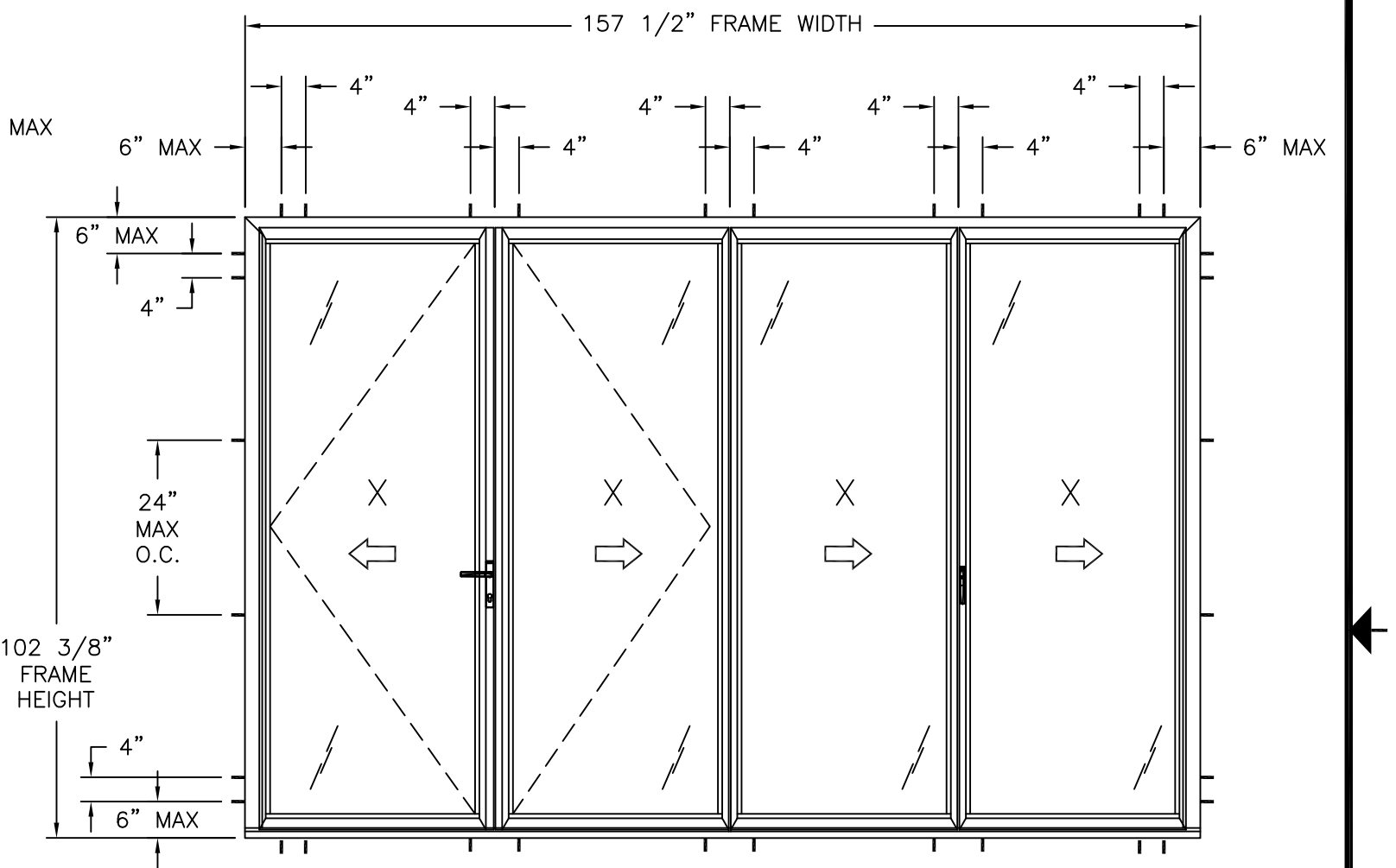
PROFESSIONAL ENGINEER

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

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ANCHORING LAYOUT FOR UNITS RATED HIGHER THAN 40PSF



ANCHORING LAYOUT FOR UNITS RATED 40PSF OR LESS

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NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

SERIES NW ALUMINUM 840/SL84/HIGHLINE INSWING
FOLDING DOOR NON-IMPACT
ANCHORING LAYOUTS

DRAWN: A.R.

DWG NO. 08-03748

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DATE 07/26/21

SHEET 3 OF 9

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

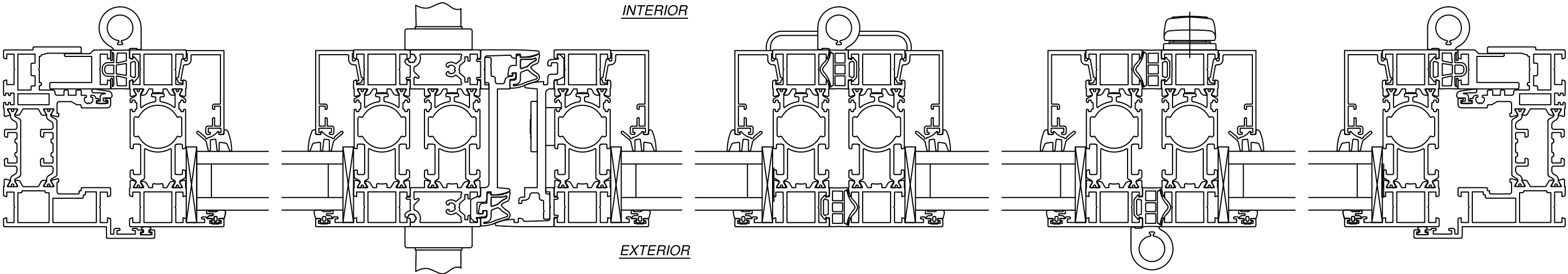
434-688-0609 rllomas@lrlomaspe.com

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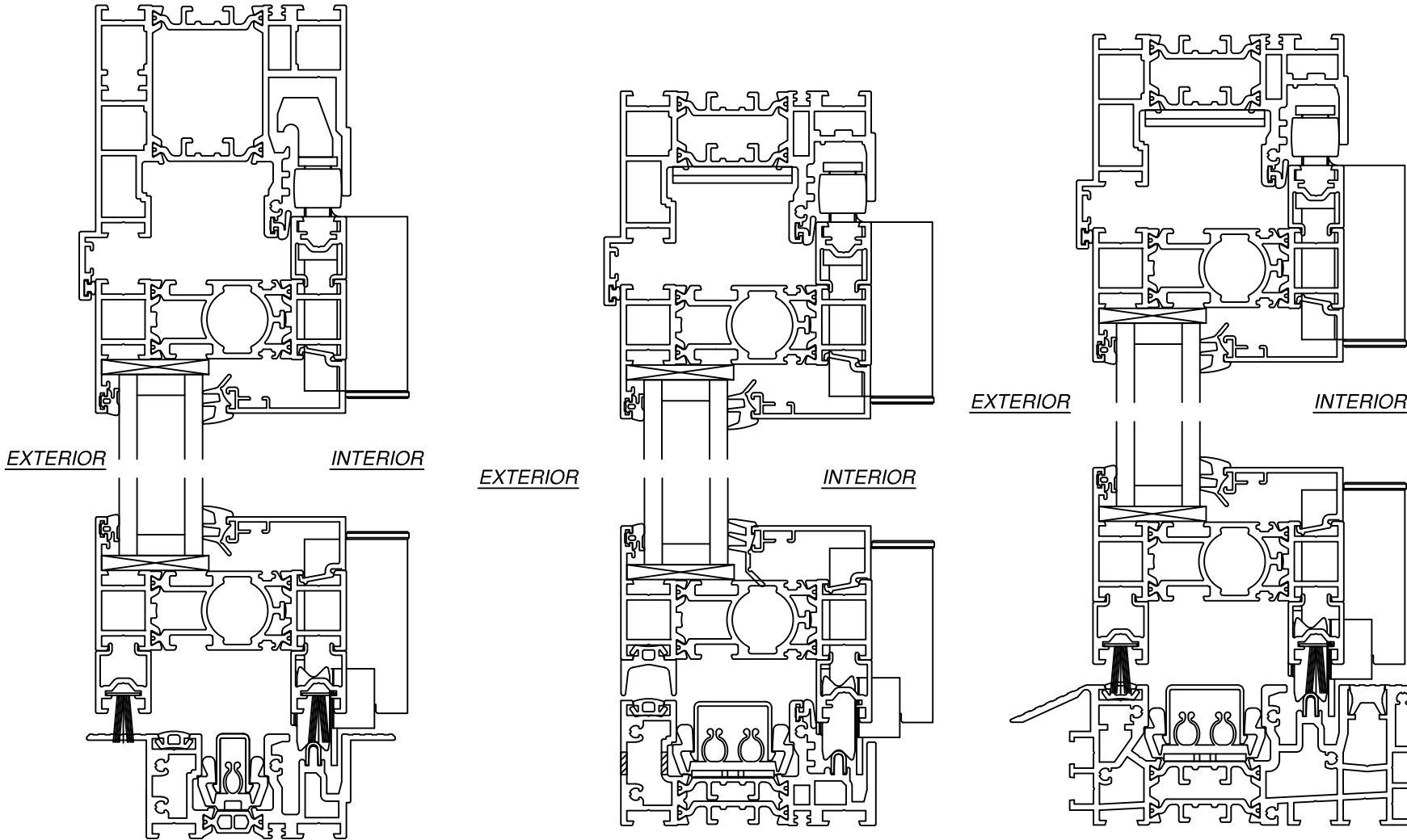
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HORIZONTAL CROSS SECTION



VERTICAL CROSS SECTION
WITH EXTENDED HEAD & FLUSH SILL

VERTICAL CROSS SECTION
WITH PERFORMANCE SILL

VERTICAL CROSS SECTION
WITH SADDLE SILL

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

**SERIES NW ALUMINUM 840/SL84/HIGHLINE INSWING
FOLDING DOOR NON-IMPACT
CROSS SECTIONS**

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DWG NO.
08-03748

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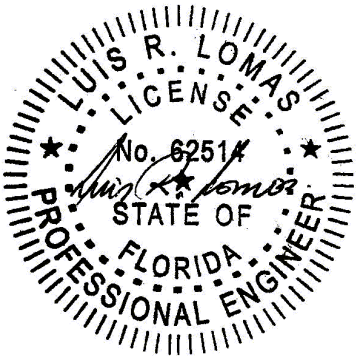
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SHEET
5 OF 9

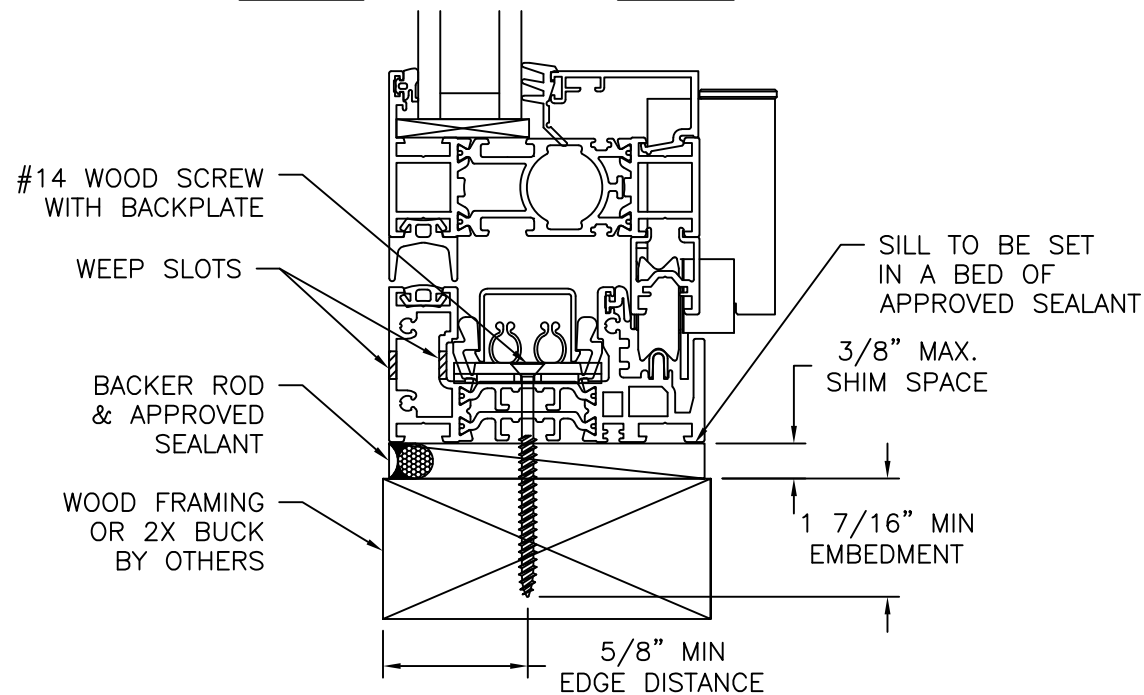
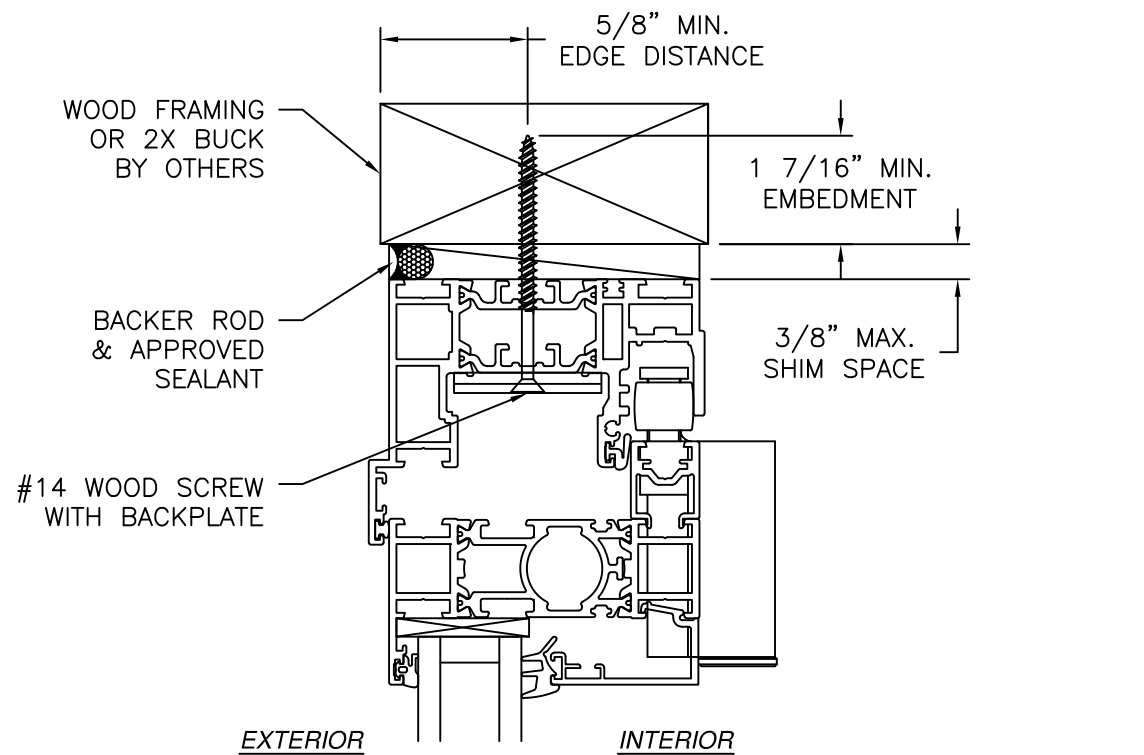
L. ROBERTO LOMAS P.E.
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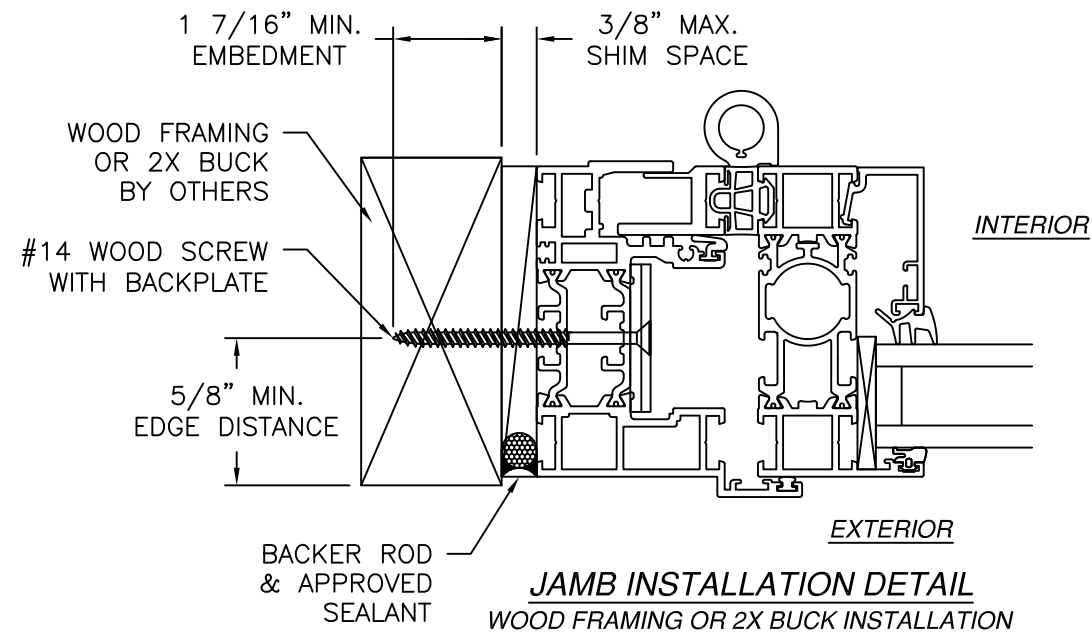


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
PERFORMANCE SILL SHOWN, OTHER SILLS SIMILAR



- 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

SIGNED: 07/31/2026

NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

SERIES NW ALUMINUM 840/SL84/HIGHLINE INSWING
FOLDING DOOR NON-IMPACT
INSTALLATION DETAILS

DRAWN: A.R.

DWG NO. 08-03748

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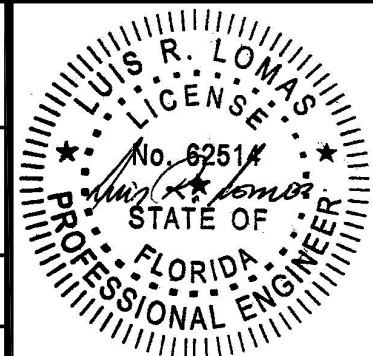
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SHEET 6 OF 9

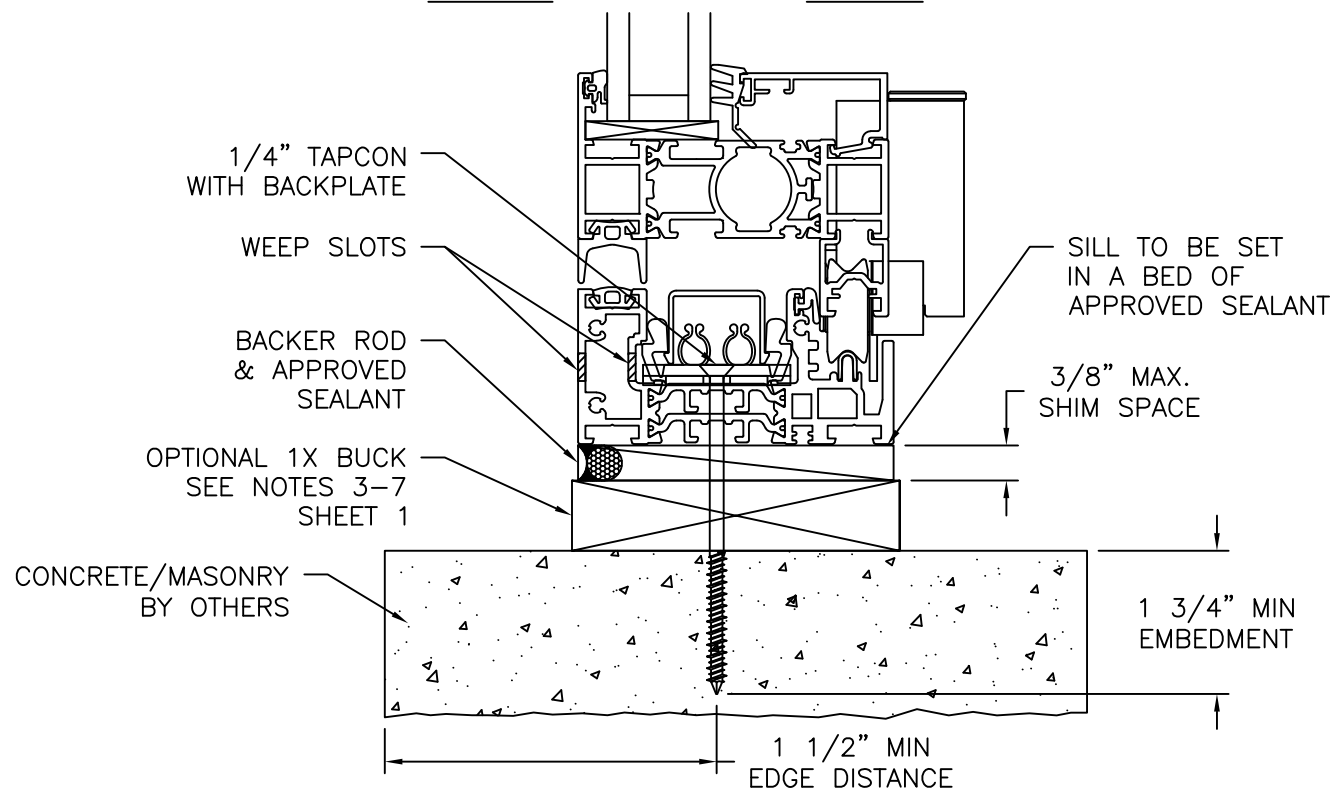
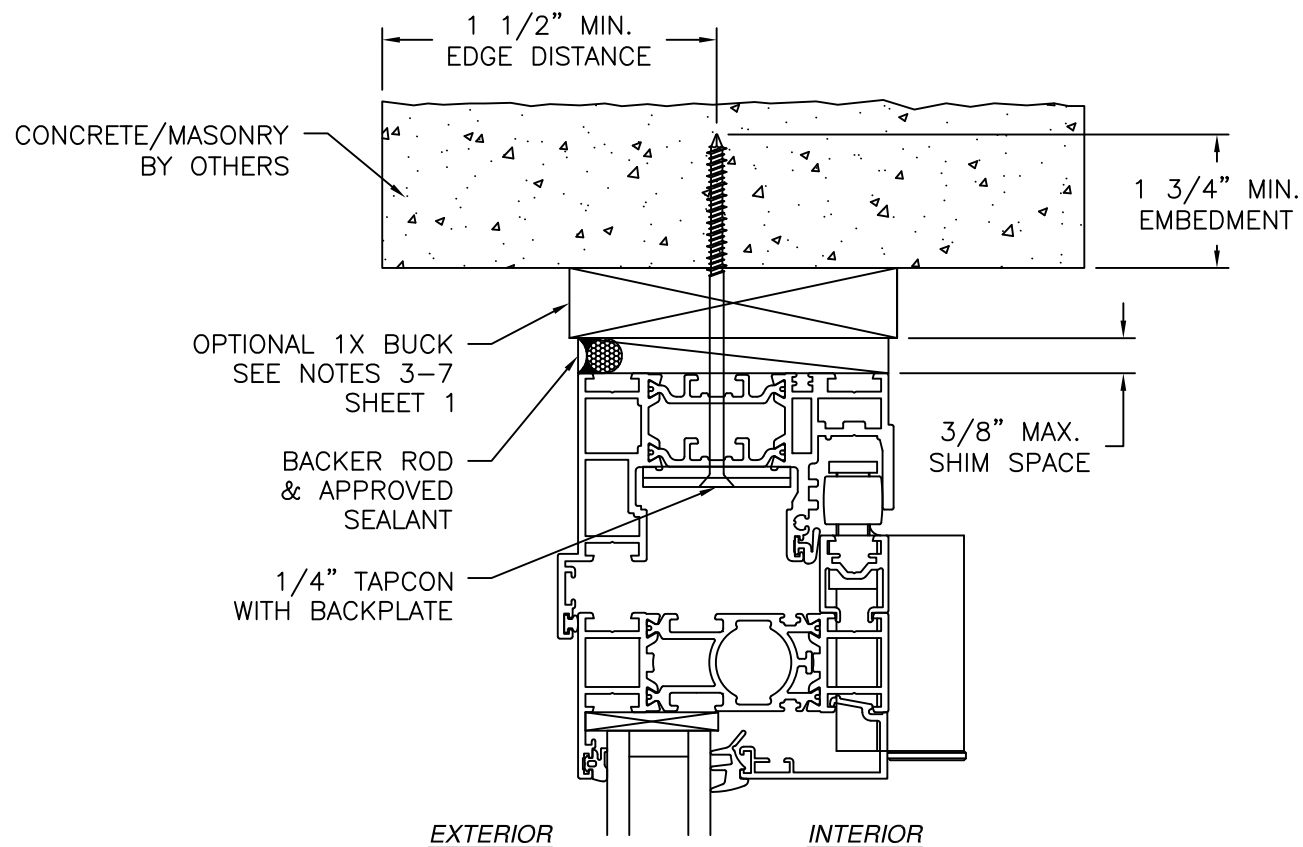
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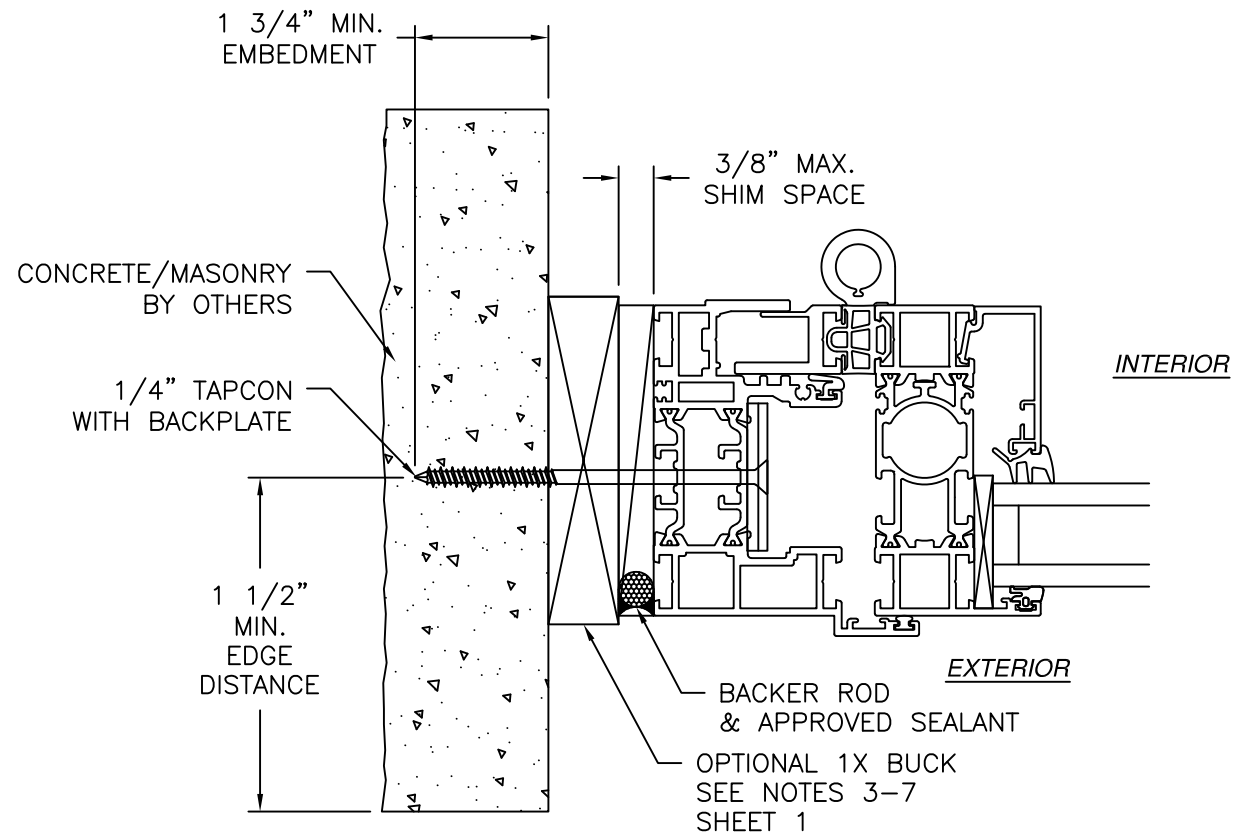
434-688-0609 rllomas@lrlomaspe.com



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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION
PERFORMANCE SILL SHOWN, OTHER SILLS SIMILAR



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

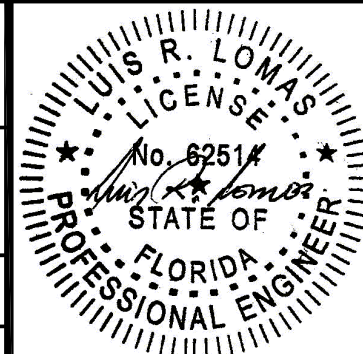
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2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
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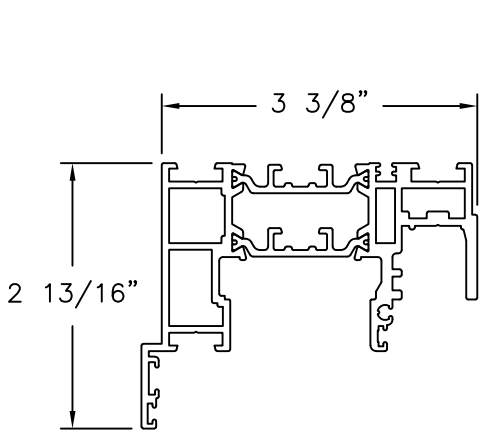
SIGNED: 07/31/2026

NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925		
SERIES NW ALUMINUM 840/SL84/HIGHLINE INSWING FOLDING DOOR NON-IMPACT INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03748	REV A
SCALE NTS	DATE 07/26/21	SHEET 8 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

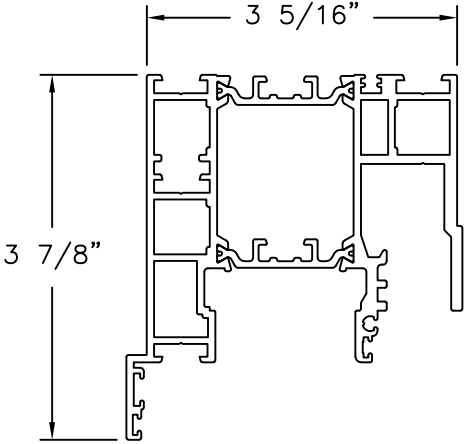


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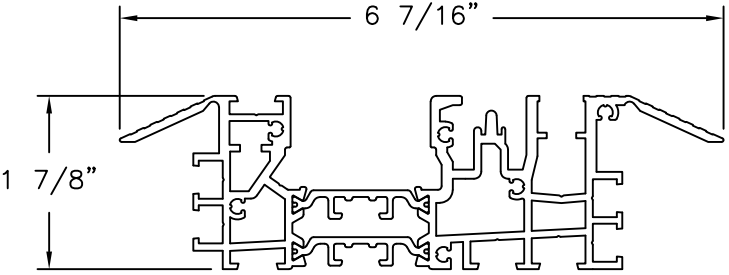
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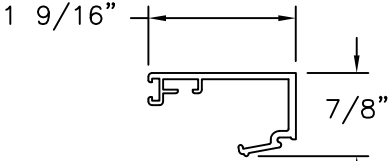
HEAD & JAMB PROFILE (5-320-04)
ALUMINUM 6063-T5



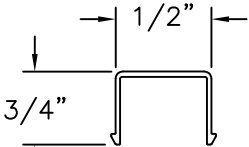
EXTENDED HEAD PROFILE (5-320-05)
ALUMINUM 6063-T5



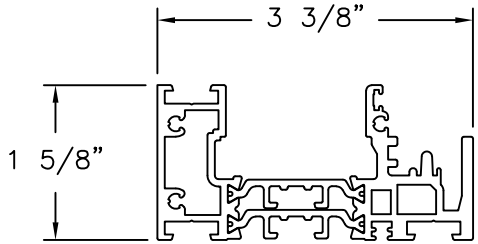
LOW PROFILE SADDLE SILL
ALUMINUM 6063-T5



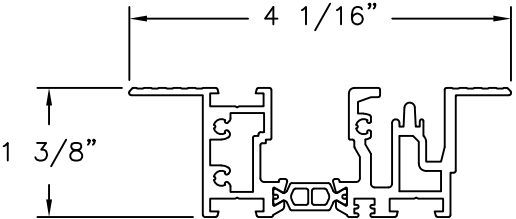
GLAZING BEAD (5-300-14)
ALUMINUM 6063-T5
BEAD SHOWN AS REFERENCE ONLY.
BEAD SIZES VARIES DEPENDING ON
GLASS THICKNESS. GLASS THICKNESS
VARIES FROM 3/16" TO 1 3/4"



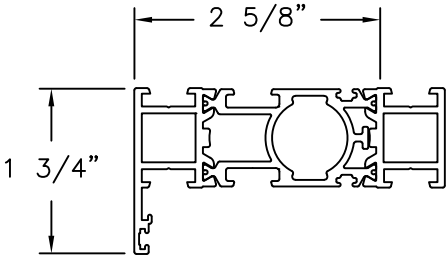
**SILL INSERT
PROFILE (5-320-26)**
ALUMINUM 6063-T5



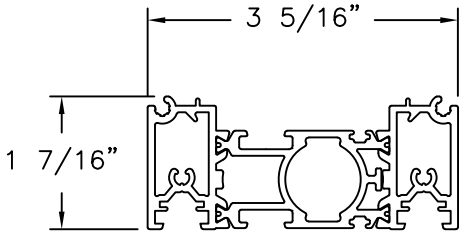
PERFORMANCE SILL PROFILE
ALUMINUM 6063-T5



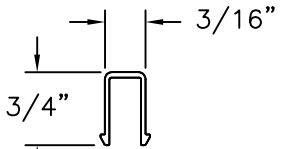
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ALUMINUM 6063-T5



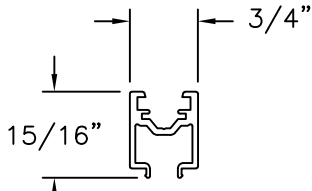
INSWING PANEL PROFILE (5-320-01)
ALUMINUM 6063-T5



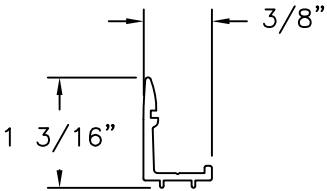
**NARROW POST
PROFILE (5-320-30)**
ALUMINUM 6063-T5



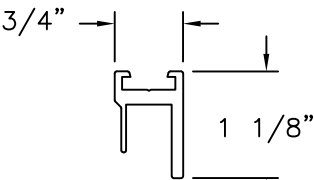
**SILL INSERT
PROFILE FOR FLUSH SILL**
ALUMINUM 6063-T5



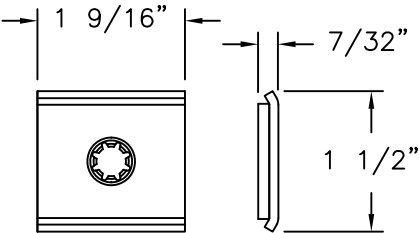
EXTENSION PROFILE (5-300-04)
ALUMINUM 6063-T5



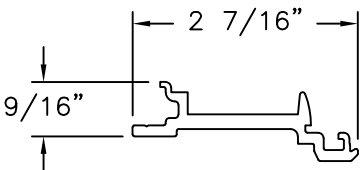
STOP BAR PROFILE (5-300-08)
ALUMINUM 6063-T5



**ADJUSTABLE JAMB
PROFILE (5-300-01)**
ALUMINUM 6063-T5



BACK PLATE
STEEL



**CONNECTION STRIP
PROFILE (5-320-27)**
POLYAMIDE

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NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

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FOLDING DOOR NON-IMPACT
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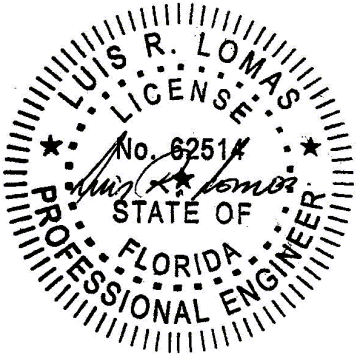
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