

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED CHARTS AND ANCHORS	08/03/26	R.L.

- NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 2. WOOD 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. 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 #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.
14. 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.
15. 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.
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:
 - 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

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NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

SERIES NW CLAD 740/WD87/COMBILINE
CORNER FOLDING DOOR NON-IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03769

REV
A

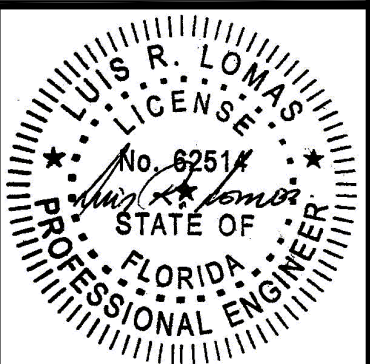
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DATE 11/23/2021

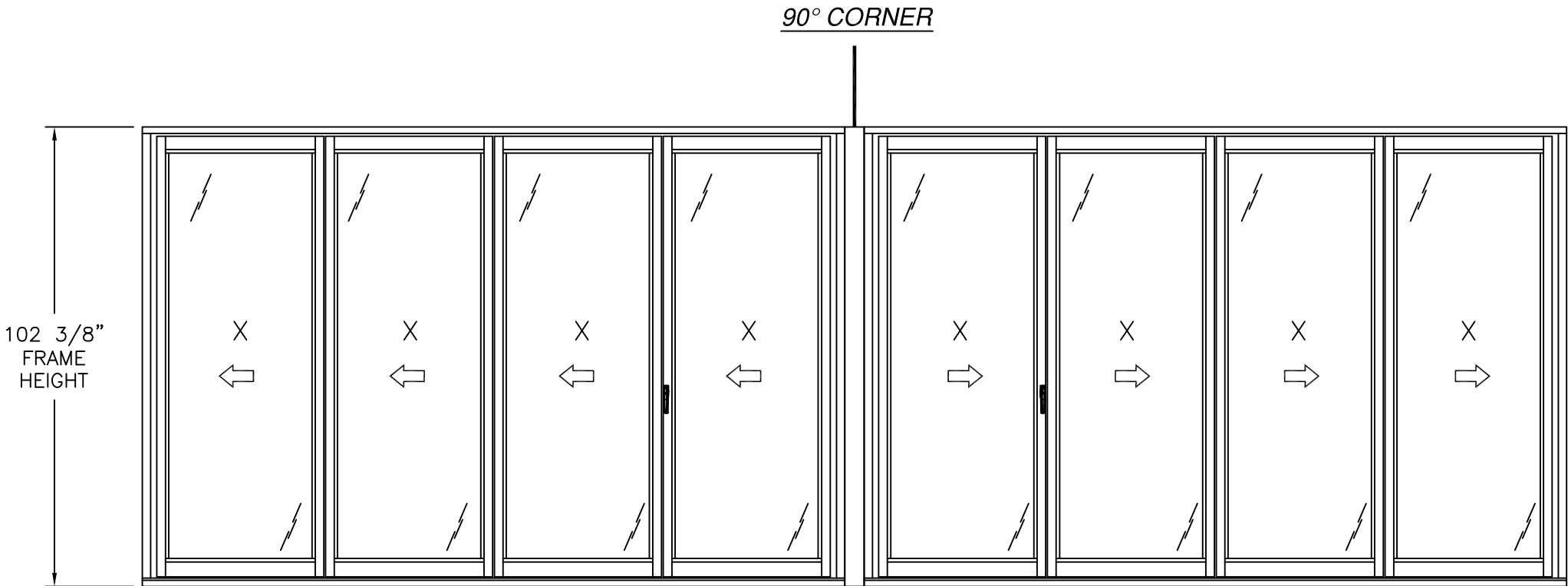
SHEET 1 OF 12

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

SIGNED: 08/03/2026



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



SERIES NW 740/WA87/COMBILINE CORNER FOLDING PANEL SYSTEM
EXTERIOR VIEW
EVEN - EVEN CONFIGURATIONS SHOWN, OTHER CONFIGURATIONS ARE APPROVED
UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS ARE APPROVED AS LONG AS
INDIVIDUAL PANEL AREA DOES NOT EXCEED 27.74 FT²

PERFORMANCE SILL	
DESIGN PRESSURE RATING	IMPACT RATING
±40.0PSF	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED	

WHERE L/175 DEFLECTION IS REQUIRED
FOR ADDITIONAL SIZES SEE CHART #1, SHEET 5

PERFORMANCE SILL	
DESIGN PRESSURE RATING	IMPACT RATING
+55.0/-39.PSF	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED	

FOR ADDITIONAL SIZES SEE CHART #2, SHEET 5

SADDLE SILL OR FLUSH SILL	
DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED	

WHERE L/175 DEFLECTION IS REQUIRED
FOR ADDITIONAL SIZES SEE CHART #3, SHEET 5

SADDLE SILL OR FLUSH SILL	
DESIGN PRESSURE RATING	IMPACT RATING
+45.0/-40.0PSF	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED	

FOR ADDITIONAL SIZES SEE CHART #4, SHEET 5

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED CHARTS AND ANCHORS	08/03/26	R.L.

- NOTES:
1. LOCKING SWING PANEL SIZE: 40 11/16" X 98 3/16"
 2. KEEPER FOLDING PANEL SIZE: 38 1/2" X 98 3/16"
 3. FOLDING PANEL SIZE: 38" X 98 3/16"
 4. JAMB LOCKING PANEL SIZE: 40 1/4" X 98 3/16"
 5. D.L.O. SIZE: 31 1/2" X 90 1/2"

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

SERIES NW CLAD 740/WD87/COMBILINE
CORNER FOLDING DOOR NON-IMPACT
ELEVATION

DRAWN:
A.R.

DWG NO.
08-03769

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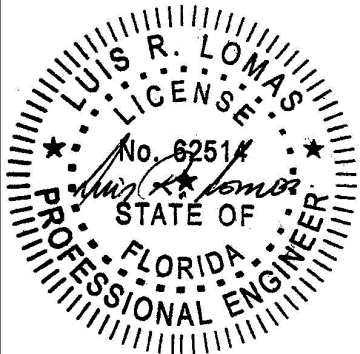
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SHEET
2 OF 12

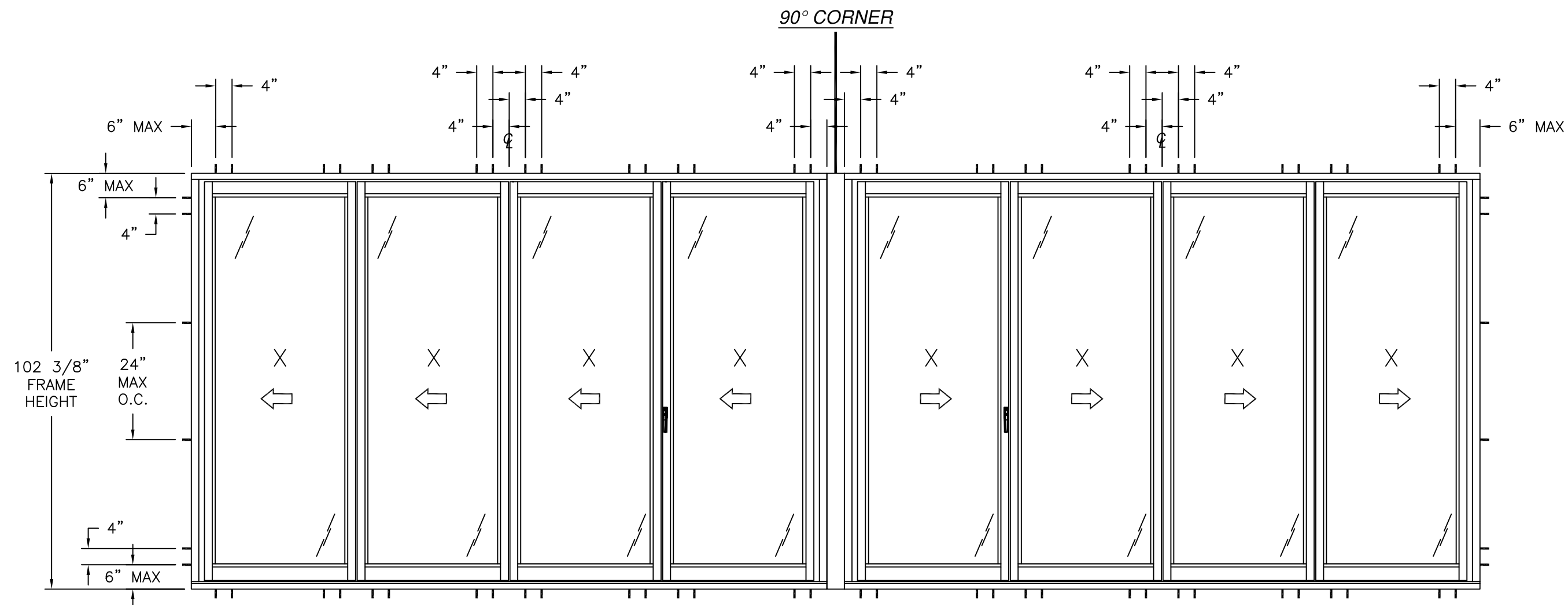
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ANCHORING LAYOUT FOR UNITS RATED HIGHER THAN 40.0 PSF

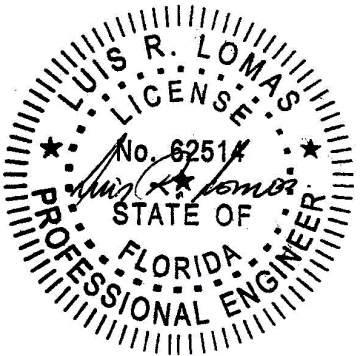
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NANA WALL SYSTEMS, INC.
100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

SERIES NW CLAD 740/WD87/COMBILINE
CORNER FOLDING DOOR NON-IMPACT
ANCHORING LAYOUT

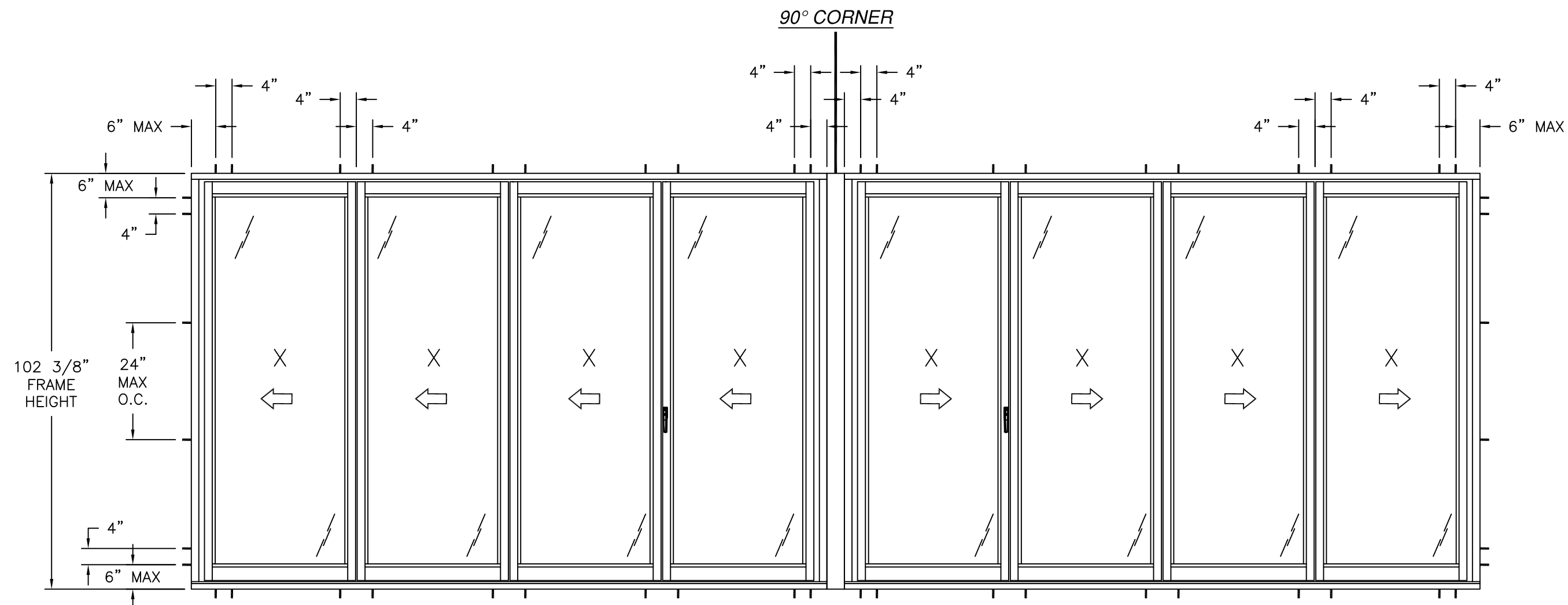
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SCALE NTS	DATE 11/23/2021	SHEET 3 OF 12

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ANCHORING LAYOUT FOR UNITS RATED 40.0 PSF OR LESS

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NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

SERIES NW CLAD 740/WD87/COMBILINE
CORNER FOLDING DOOR NON-IMPACT
ANCHORING LAYOUT

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SHEET
4 OF 12

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LUIS R. LOMAS

LICENS. M.E.

No. 62514

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Luis R. Lomas P.E.

FL No.: 62514

Chart #1

Design pressure rating (psf)

Panel Height (in)	Single Panel Width (in)											
	24.00		30.00		36.00		40.69		42.00		48.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	60.0	60.0	60.0	60.0	55.5	55.5	49.1	49.1	47.6	47.6	41.6	41.6
84.00	60.0	60.0	60.0	60.0	52.8	52.8	46.8	46.8	45.3	45.3	-	-
90.00	60.0	60.0	56.3	56.3	48.9	48.9	43.6	43.6	42.3	42.3	-	-
96.00	60.0	60.0	52.1	52.1	45.1	45.1	40.9	40.9	-	-	-	-
98.19	60.0	60.0	50.8	50.8	43.9	43.9	40.0	40.0	-	-	-	-
102.00	57.7	57.7	46.7	46.7	39.5	39.5	-	-	-	-	-	-
108.00	48.5	48.5	39.2	39.2	33.1	33.1	-	-	-	-	-	-
114.00	41.1	41.1	33.2	33.2	-	-	-	-	-	-	-	-
120.00	35.2	35.2	28.4	28.4	-	-	-	-	-	-	-	-
126.00	30.4	30.4	24.5	24.5	-	-	-	-	-	-	-	-
132.00	26.4	26.4	21.3	21.3	-	-	-	-	-	-	-	-
138.00	23.1	23.1	-	-	-	-	-	-	-	-	-	-
144.00	20.3	20.3	-	-	-	-	-	-	-	-	-	-

PERFORMANCE SILL WHERE L/175 DEFLECTION IS REQUIRED

Chart #3

Design pressure rating (psf)

Panel Height (in)	Single Panel Width (in)											
	24.00		30.00		36.00		40.69		42.00		48.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	67.5	67.5	67.5	67.5	62.4	62.4	55.2	55.2	53.5	53.5	46.8	46.8
84.00	67.5	67.5	67.5	67.5	59.4	59.4	52.6	52.6	51.0	51.0	-	-
90.00	67.5	67.5	63.3	63.3	55.0	55.0	49.1	49.1	47.6	47.6	-	-
96.00	67.5	67.5	58.7	58.7	50.8	50.8	46.0	46.0	-	-	-	-
98.19	67.5	67.5	57.1	57.1	49.4	49.4	45.0	45.0	-	-	-	-
102.00	64.9	64.9	52.6	52.6	44.5	44.5	-	-	-	-	-	-
108.00	54.5	54.5	44.1	44.1	37.3	37.3	-	-	-	-	-	-
114.00	46.3	46.3	37.4	37.4	-	-	-	-	-	-	-	-
120.00	39.6	39.6	32.0	32.0	-	-	-	-	-	-	-	-
126.00	34.2	34.2	27.6	27.6	-	-	-	-	-	-	-	-
132.00	29.7	29.7	23.9	23.9	-	-	-	-	-	-	-	-
138.00	25.9	25.9	-	-	-	-	-	-	-	-	-	-
144.00	22.8	22.8	-	-	-	-	-	-	-	-	-	-

SADDLE SILL OR FLUSH SILL WHERE L/175 DEFLECTION IS REQUIRED

Chart #2

Design pressure rating (psf)

Panel Height (in)	Single Panel Width (in)											
	24.00		30.00		36.00		40.69		42.00		48.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	82.5	58.5	82.5	58.5	76.3	54.1	67.5	47.9	65.4	46.4	57.2	40.6
84.00	82.5	58.5	82.5	58.5	72.7	51.5	64.3	45.6	62.3	44.2	-	-
90.00	82.5	58.5	77.4	54.9	67.2	47.7	60.0	42.5	58.1	41.2	-	-
96.00	82.5	58.5	71.7	50.8	62.0	44.0	56.3	39.9	-	-	-	-
98.19	82.5	58.5	69.8	49.5	60.3	42.8	55.0	39.0	-	-	-	-
102.00	79.3	56.2	64.3	45.6	54.4	38.6	-	-	-	-	-	-
108.00	66.6	47.3	53.9	38.2	45.6	32.3	-	-	-	-	-	-
114.00	56.6	40.1	45.7	32.4	-	-	-	-	-	-	-	-
120.00	48.4	34.3	39.1	27.7	-	-	-	-	-	-	-	-
126.00	41.7	29.6	33.7	23.9	-	-	-	-	-	-	-	-
132.00	36.3	25.7	29.2	20.7	-	-	-	-	-	-	-	-
138.00	31.7	22.5	-	-	-	-	-	-	-	-	-	-
144.00	27.9	19.8	-	-	-	-	-	-	-	-	-	-

PERFORMANCE SILL

Chart #4

Design pressure rating (psf)

Panel Height (in)	Single Panel Width (in)											
	24.00		30.00		36.00		40.69		42.00		48.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.00	67.5	60.0	67.5	60.0	62.4	55.5	55.2	49.1	53.5	47.6	46.8	41.6
84.00	67.5	60.0	67.5	60.0	59.4	52.8	52.6	46.8	51.0	45.3	-	-
90.00	67.5	60.0	63.3	56.3	55.0	48.9	49.1	43.6	47.6	42.3	-	-
96.00	67.5	60.0	58.7	52.1	50.8	45.1	46.0	40.9	-	-	-	-
98.19	67.5	60.0	57.1	50.8	49.4	43.9	45.0	40.0	-	-	-	-
102.00	64.9	57.7	52.6	46.7	44.5	39.5	-	-	-	-	-	-
108.00	54.5	48.5	44.1	39.2	37.3	33.1	-	-	-	-	-	-
114.00	46.3	41.1	37.4	33.2	-	-	-	-	-	-	-	-
120.00	39.6	35.2	32.0	28.4	-	-	-	-	-	-	-	-
126.00	34.2	30.4	27.6	24.5	-	-	-	-	-	-	-	-
132.00	29.7	26.4	23.9	21.3	-	-	-	-	-	-	-	-
138.00	25.9	23.1	-	-	-	-	-	-	-	-	-	-
144.00	22.8	20.3	-	-	-	-	-	-	-	-	-	-

SADDLE SILL OR FLUSH SILL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED CHARTS AND ANCHORS	08/03/26	R.L.

NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

SERIES NW CLAD 740/WD87/COMBILINE
CORNER FOLDING DOOR NON-IMPACT
DESIGN PRESSURE CHARTS

DRAWN: A.R.

DWG NO. 08-03769

REV A

SCALE NTS

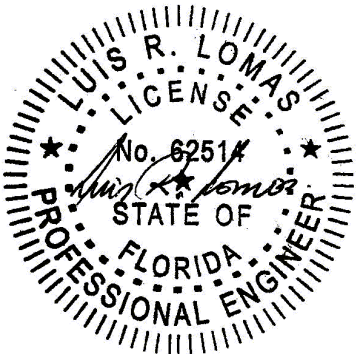
DATE 11/23/2021

SHEET 5 OF 12

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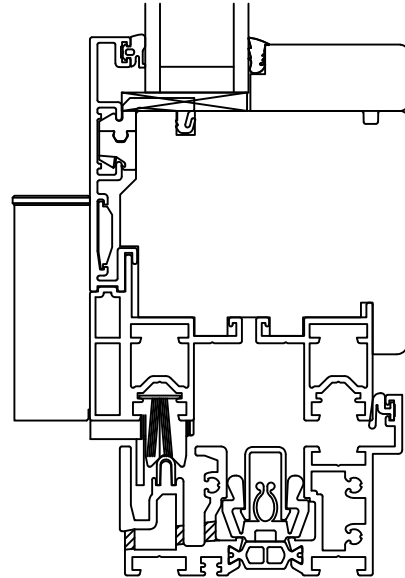
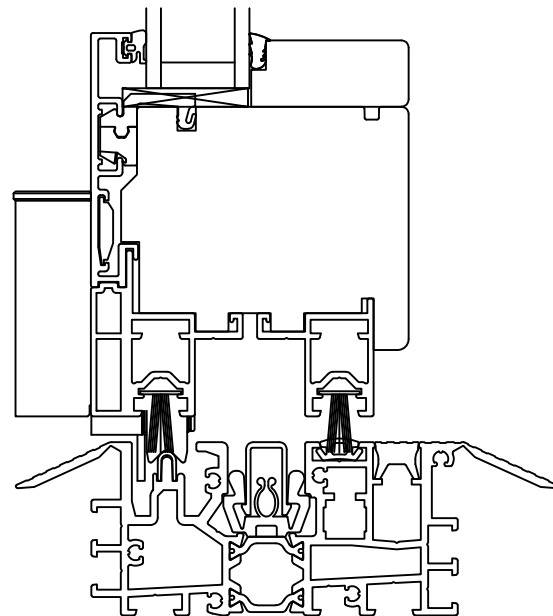
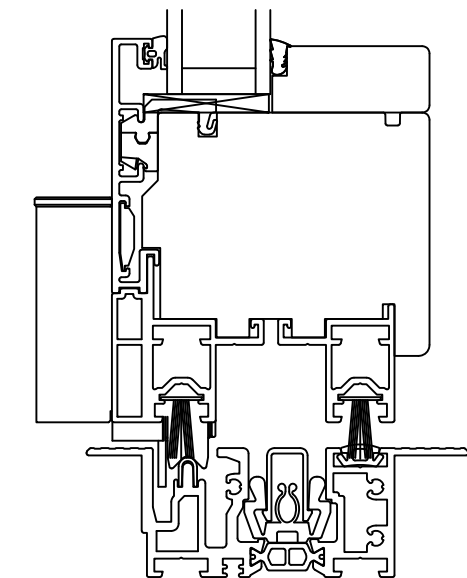
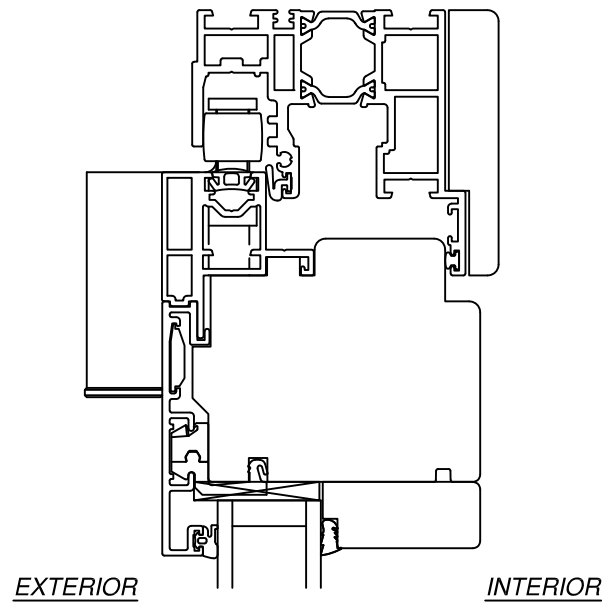
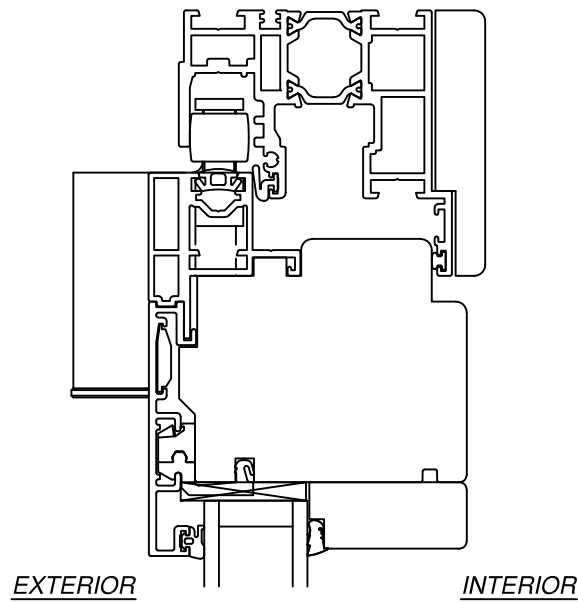
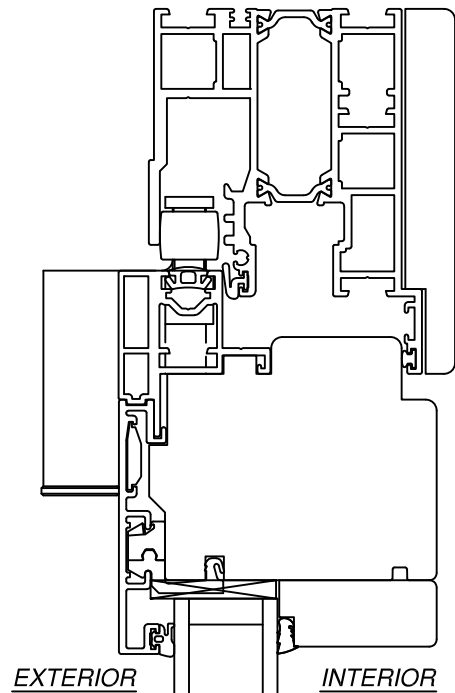
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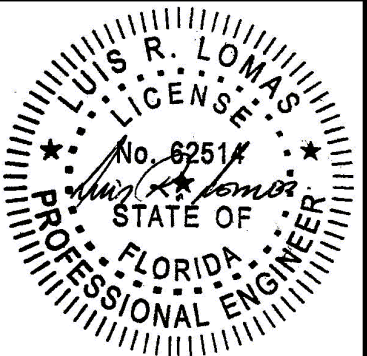
VERTICAL CROSS SECTION
WITH EXTENDED HEAD AND FLUSH SILL

VERTICAL CROSS SECTION
WITH SADDLE SILL

VERTICAL CROSS SECTION
WITH PERFORMANCE SILL

SIGNED: 08/03/2026

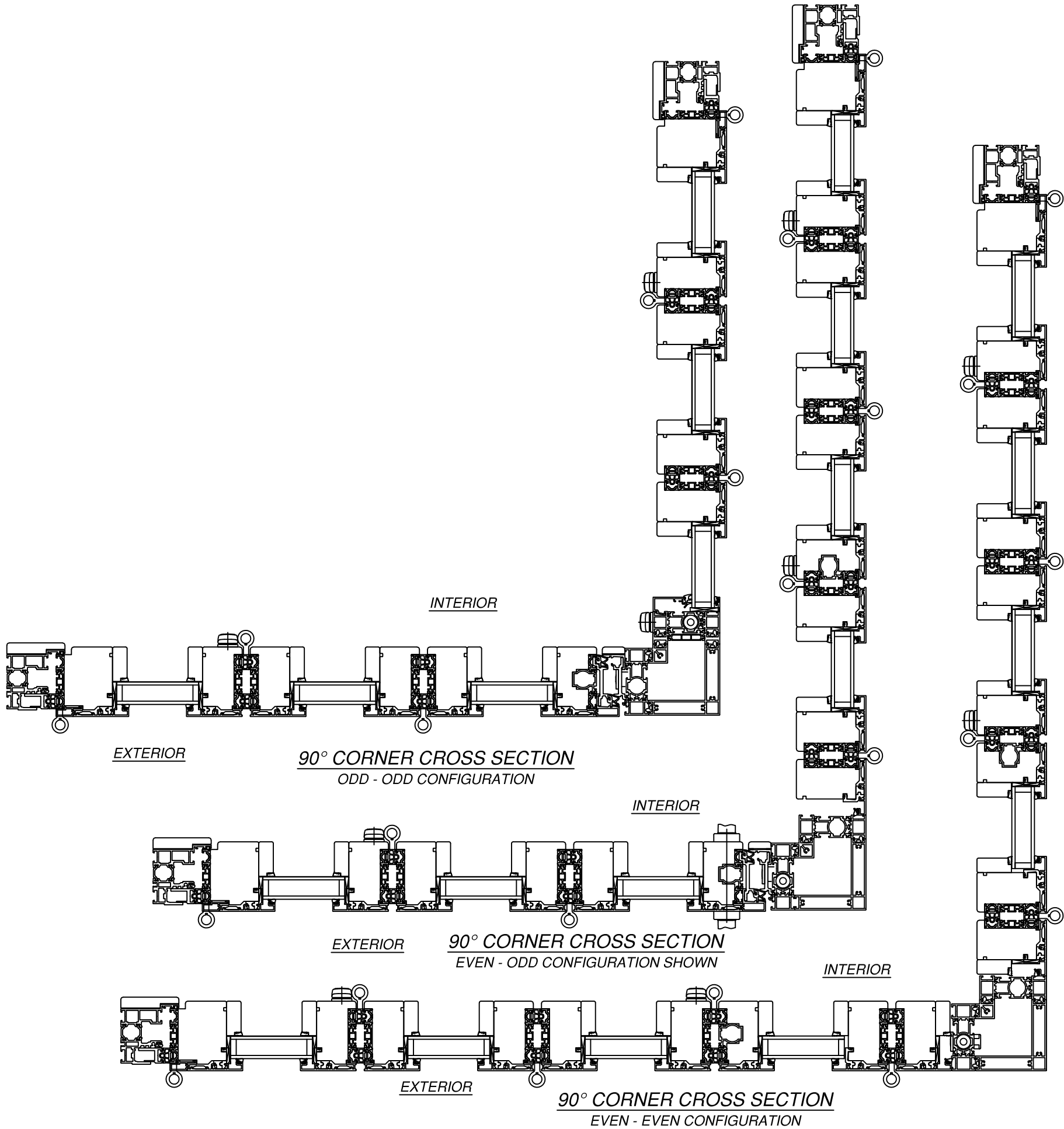
NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925		
SERIES NW CLAD 740/WD87/COMBILINE CORNER FOLDING DOOR NON-IMPACT VERTICAL CROSS SECTION		
DRAWN: A.R.	DWG NO. 08-03769	REV A
SCALE NTS	DATE 11/23/2021	SHEET 6 OF 12
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CROSS SECTIONS ARE REFERENCE ONLY
OTHER COMBINATIONS ARE APPROVED



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NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

SERIES NW CLAD 740/WD87/COMBILINE
CORNER FOLDING DOOR NON-IMPACT
90° CORNER CROSS SECTION

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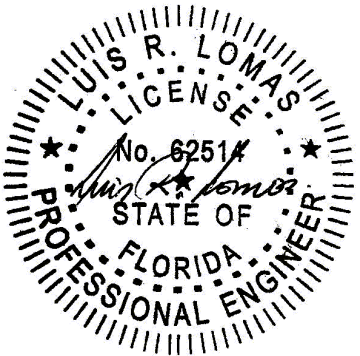
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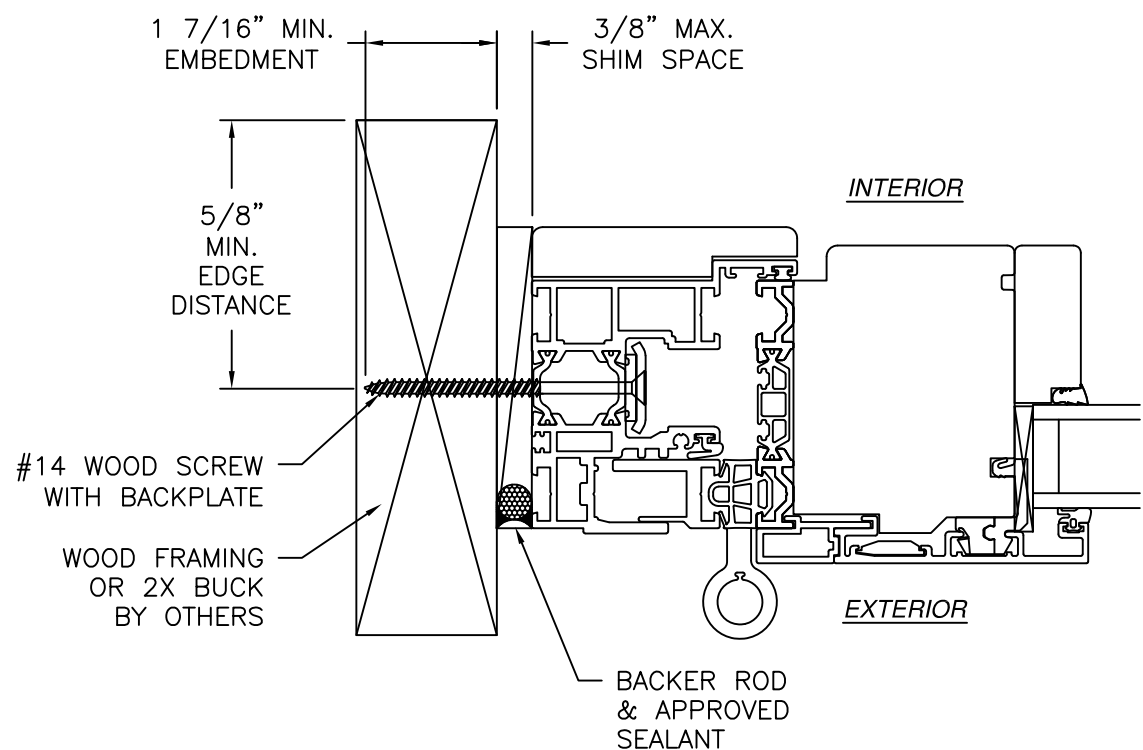
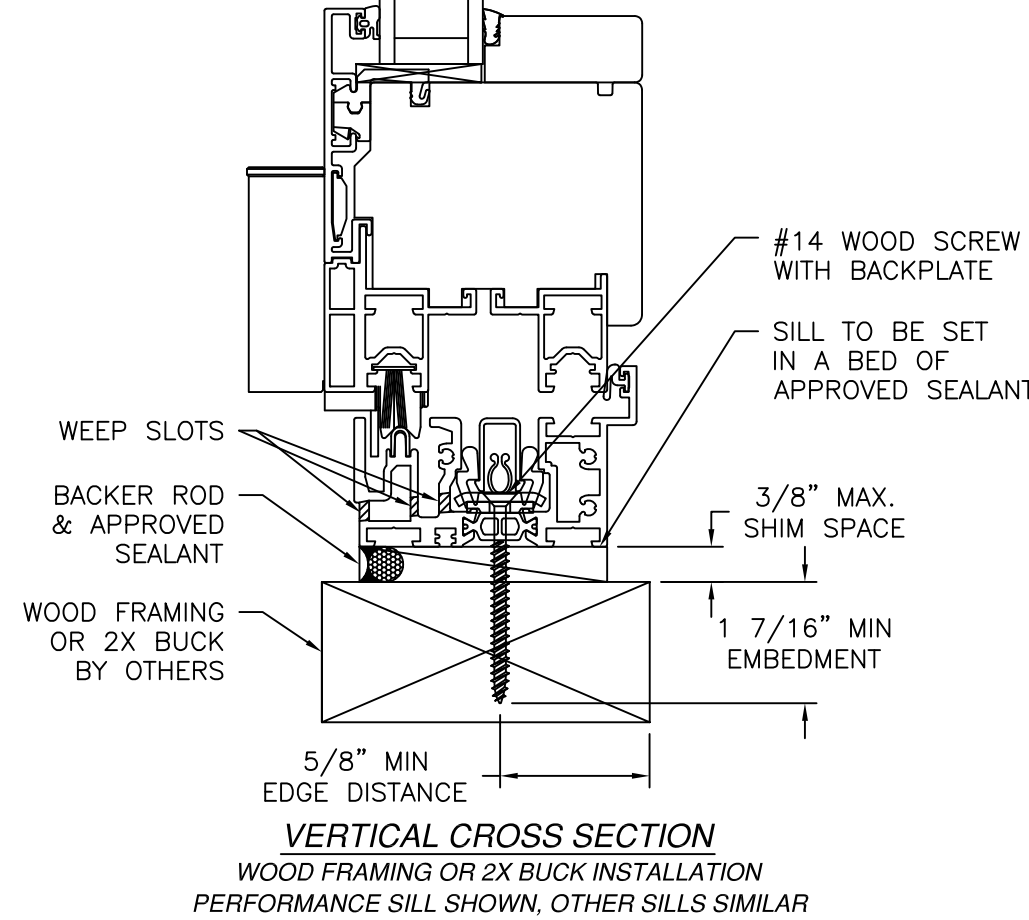
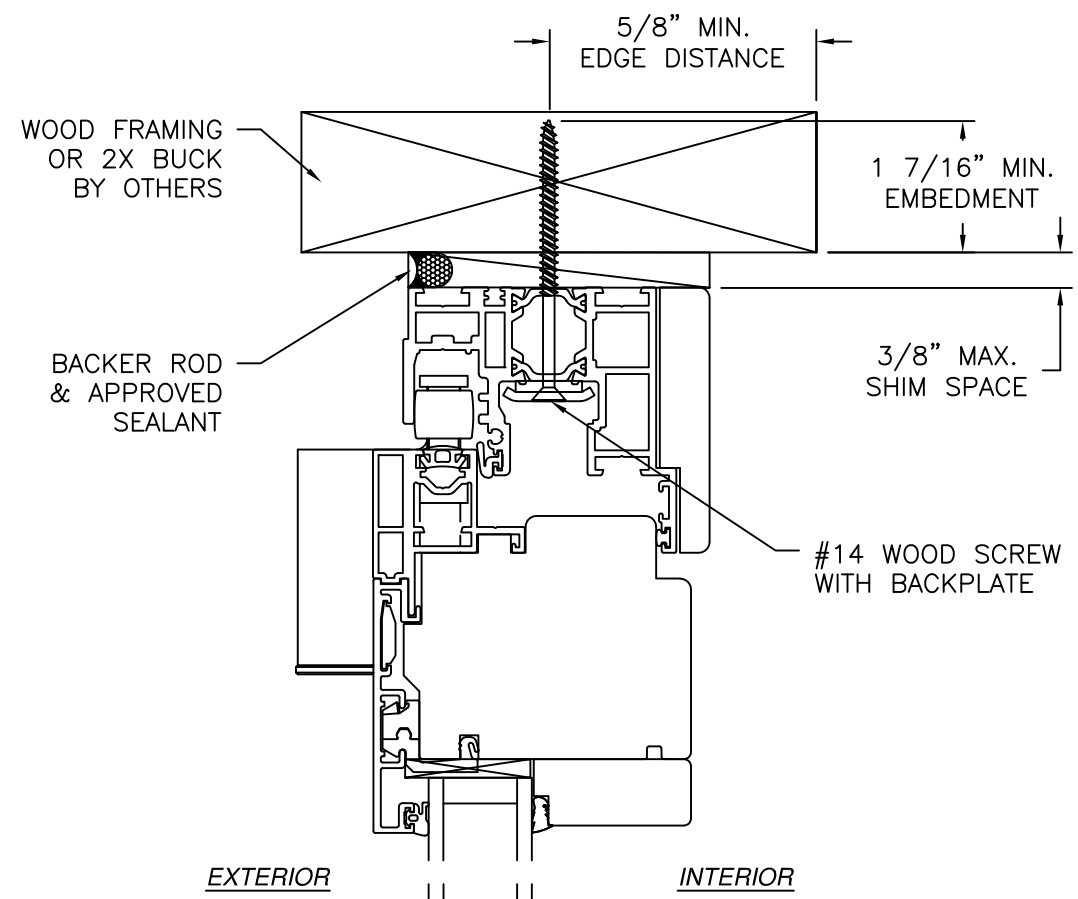
SHEET 7 OF 12

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A	REVISED CHARTS AND ANCHORS	08/03/26	R.L.



- 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

NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

SERIES NW CLAD 740/WD87/COMBILINE
CORNER FOLDING DOOR NON-IMPACT
INSTALLATION DETAILS

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DATE
11/23/2021

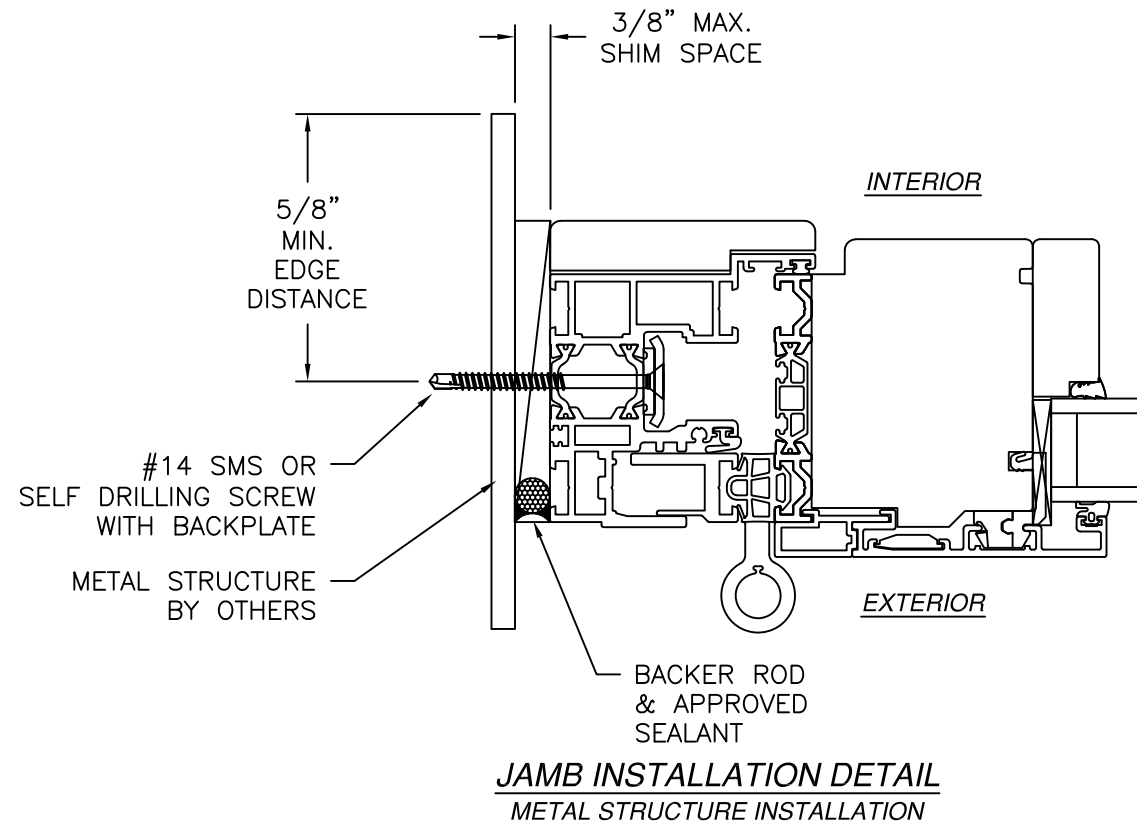
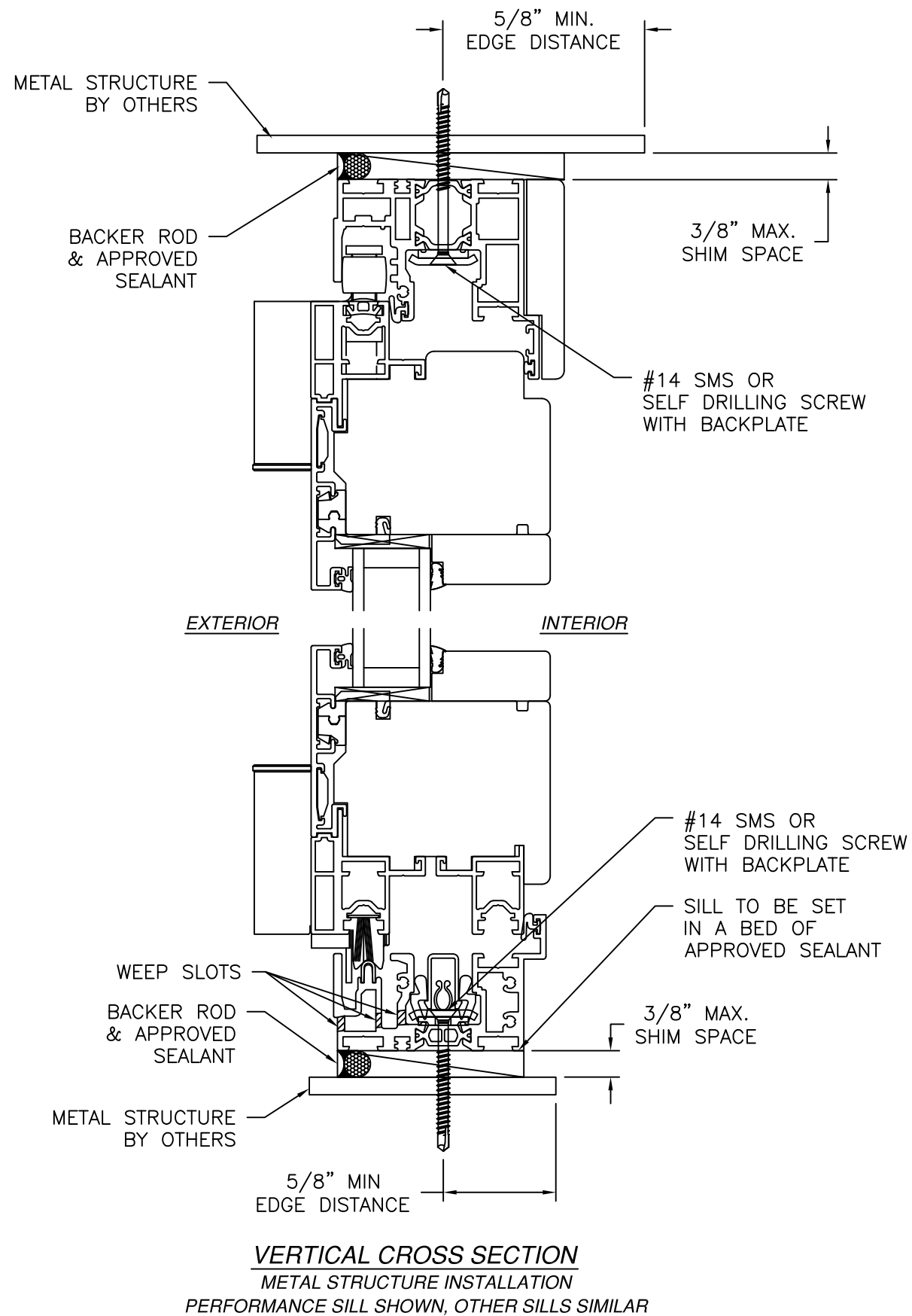
SHEET
8 OF 12

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

SIGNED: 08/03/2026

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED CHARTS AND ANCHORS	08/03/26	R.L.



- 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: 08/03/2026

NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

SERIES NW CLAD 740/WD87/COMBILINE
CORNER FOLDING DOOR NON-IMPACT
INSTALLATION DETAILS

DRAWN: A.R.

DWG NO. 08-03769

REV A

SCALE NTS

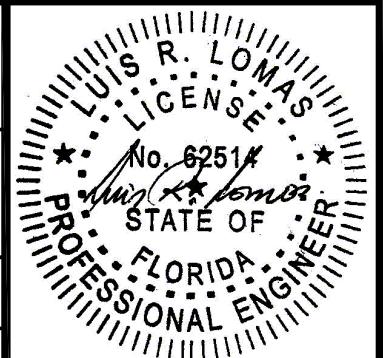
DATE 11/23/2021

SHEET 9 OF 12

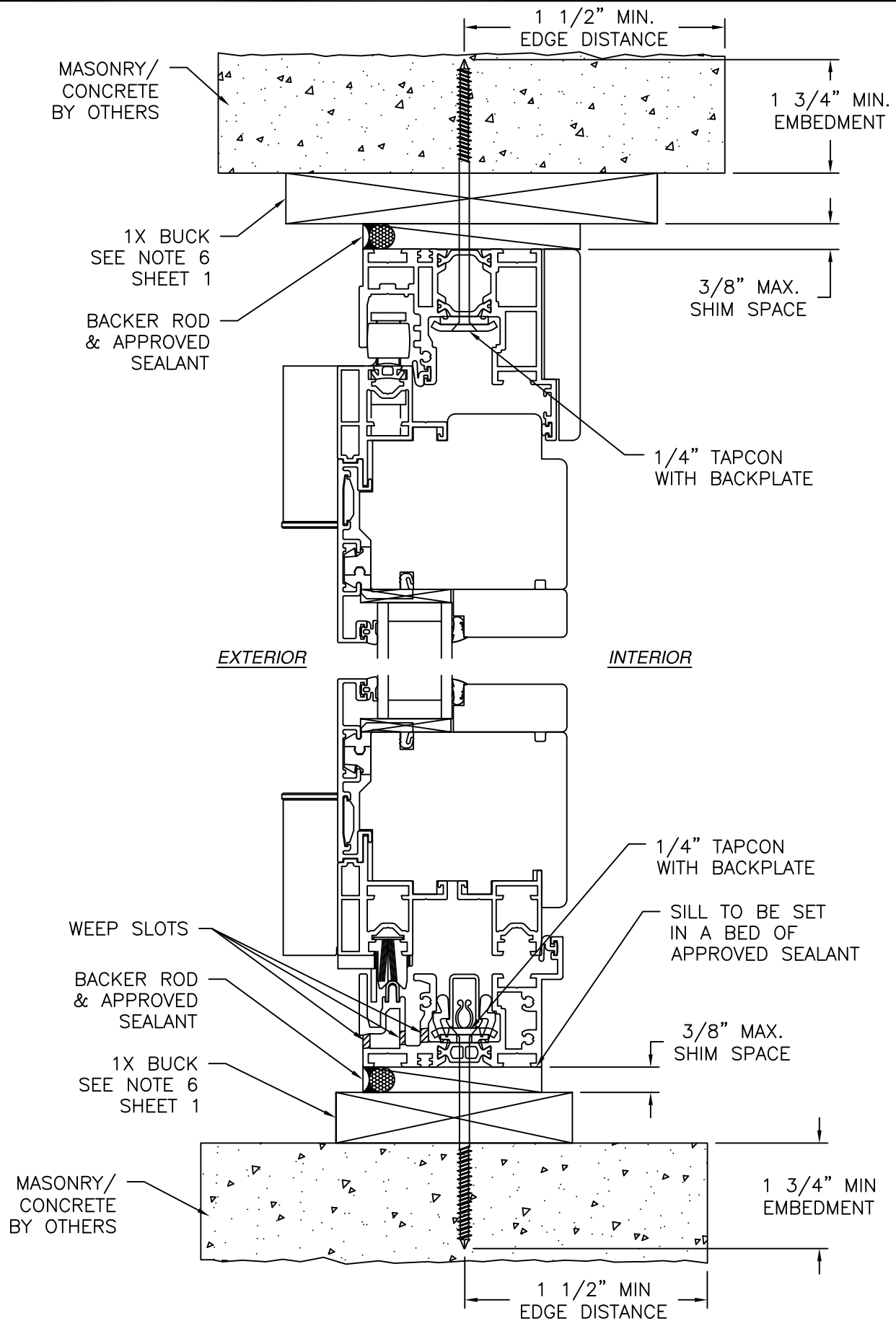
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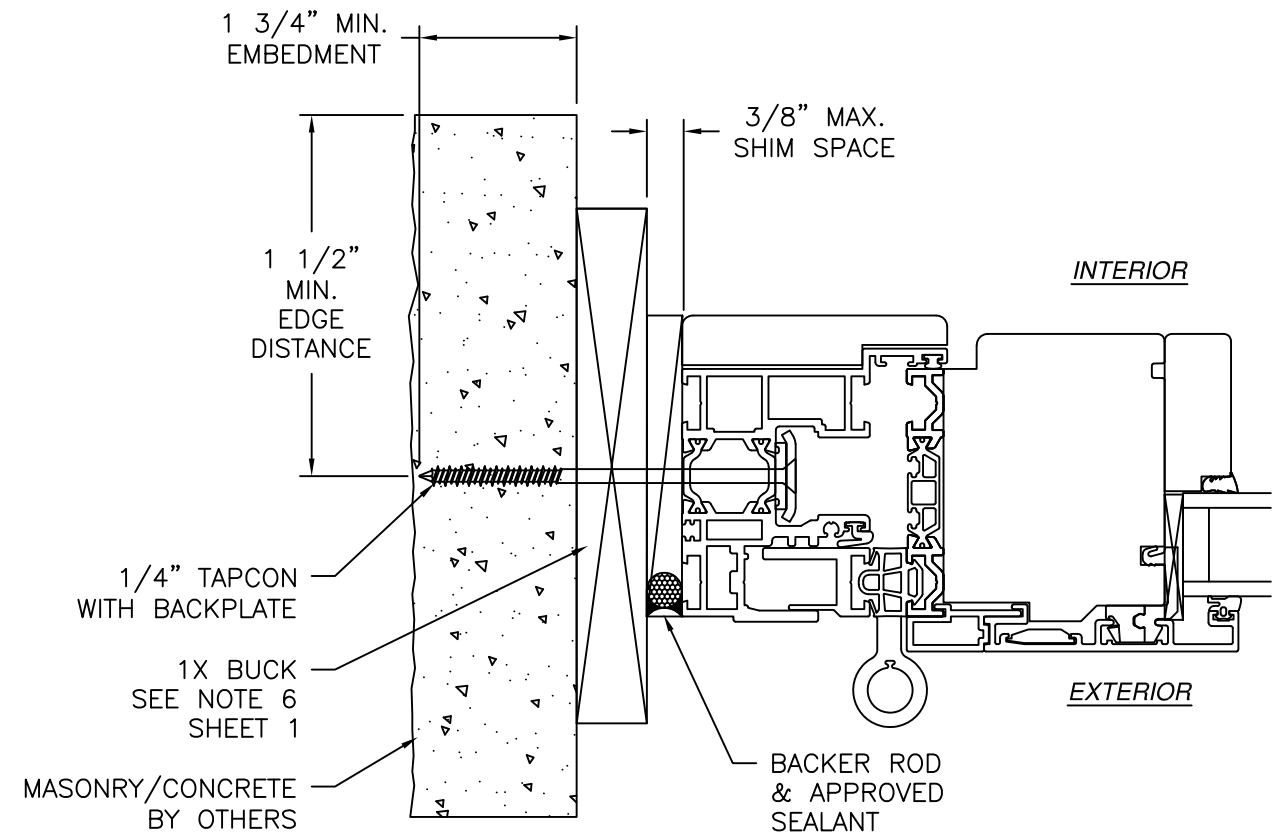
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Luis R. Lomas P.E.
FL No.: 62514



VERTICAL CROSS SECTION
MASONRY/CONCRETE W/1X BUCK INSTALLATION
PERFORMANCE SILL SHOWN, OTHER SILLS SIMILAR



JAMB INSTALLATION DETAIL
MASONRY/CONCRETE W/1X BUCK INSTALLATION

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

SERIES NW CLAD 740/WD87/COMBILINE
CORNER FOLDING DOOR NON-IMPACT
INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03769	REV A
SCALE NTS	DATE 11/23/2021	SHEET 10 OF 12

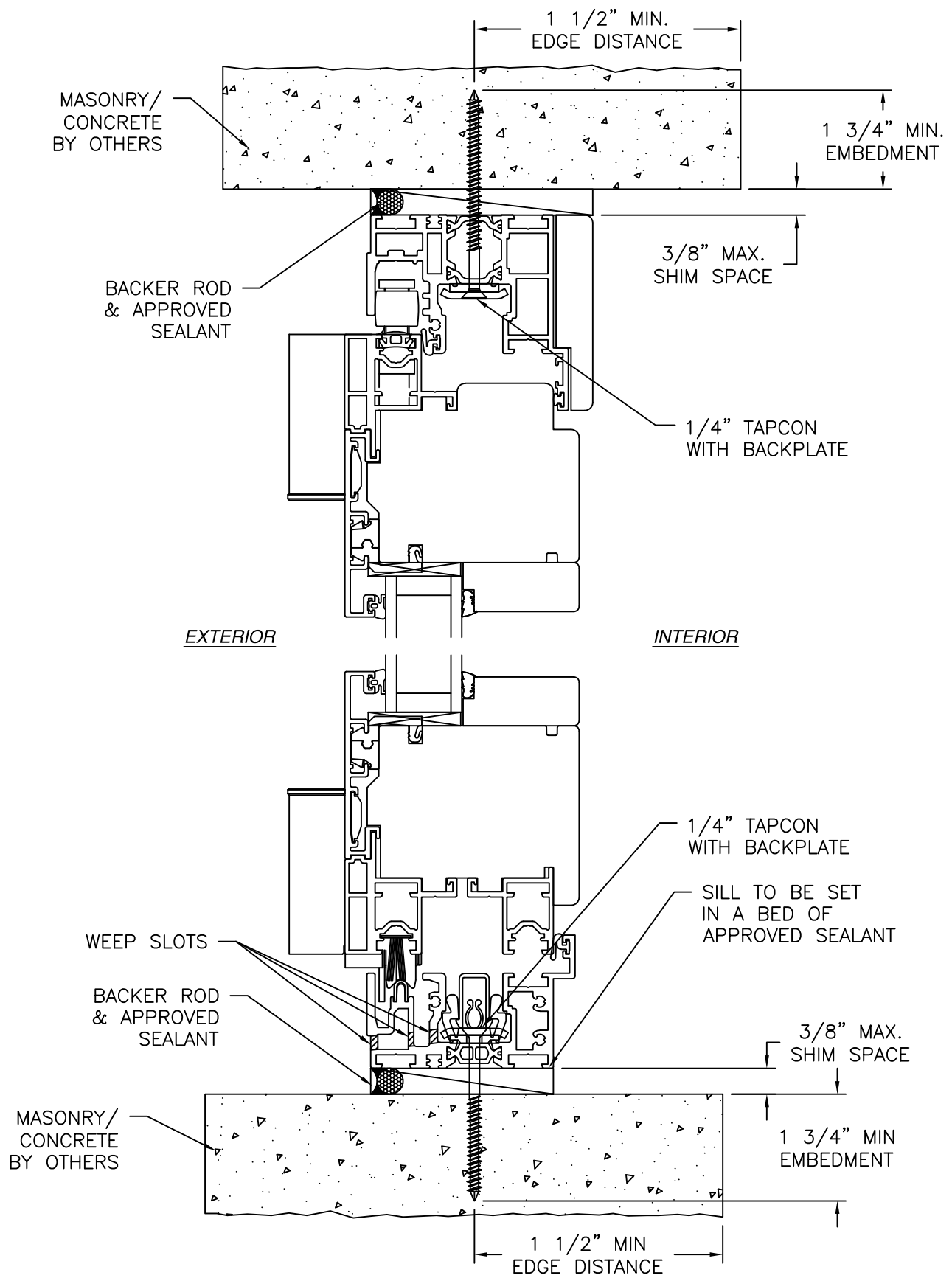
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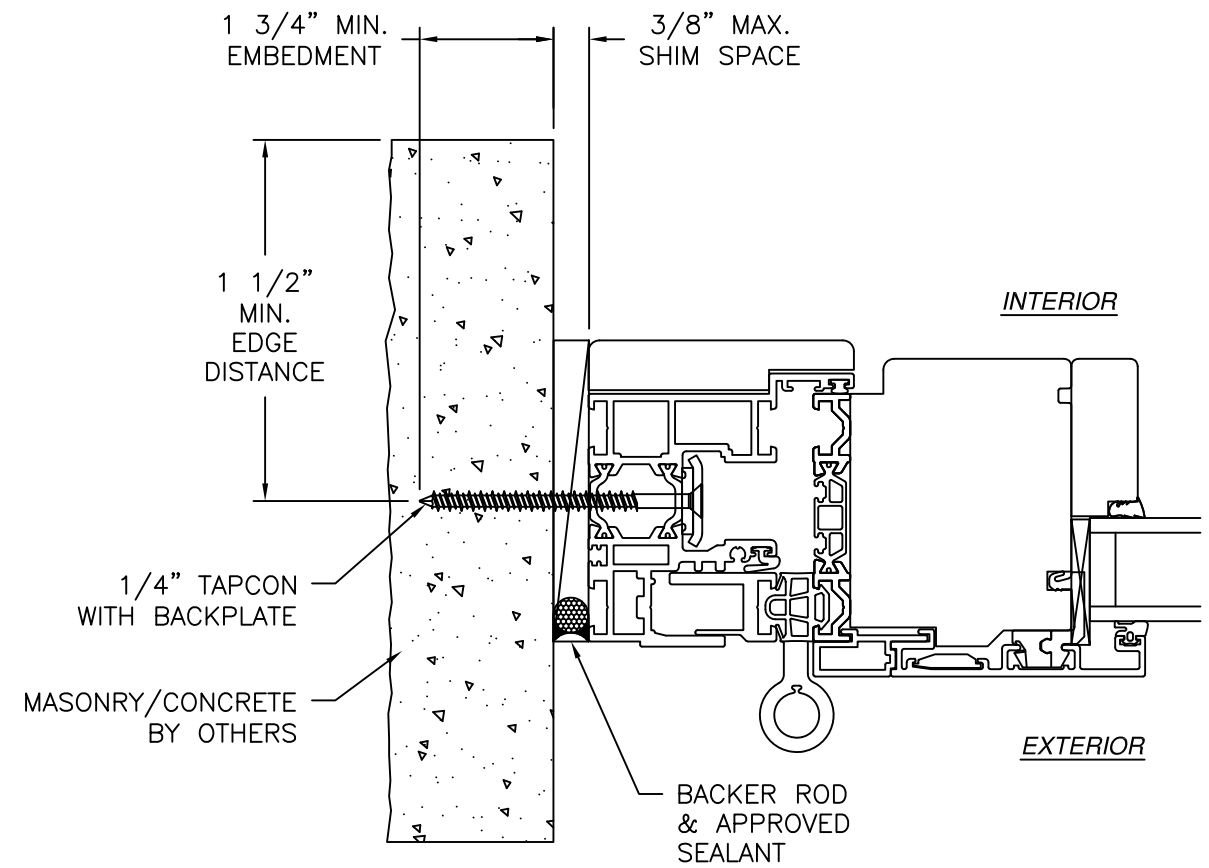
LUIS R. LOMAS
P.E.
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED CHARTS AND ANCHORS	08/03/26	R.L.



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



JAMB INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION

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CORNER FOLDING DOOR NON-IMPACT
INSTALLATION DETAILS

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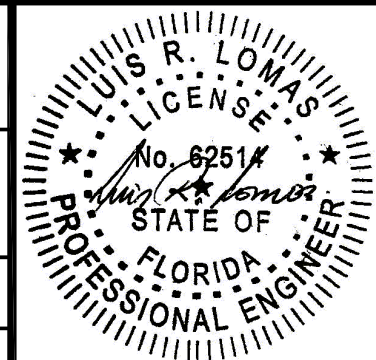
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EXTENDED HEAD PROFILE
ALUMINUM 6063-T5

HEAD & JAMB PROFILE (5-310-04)
ALUMINUM 6063-T5

FLUSH SILL
ALUMINUM 6063-T5

PERFORMANCE SILL
ALUMINUM 6063-T5

LOW PROFILE SADDLE SILL (5-310-38)
ALUMINUM 6063-T5

PANEL TOP RAIL PROFILE
(10-420-6171)
3-4 LAYER SOLID WOOD

PANEL BOTTOM RAIL PROFILE
(10-420-6172)
3-4 LAYER SOLID WOOD

PANEL STILE PROFILE
(10-420-6174)
3-4 LAYER SOLID WOOD

PANEL STILE PROFILE AT LOCKING SIDE (10-420-6175)
3-4 LAYER SOLID WOOD

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

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

EXTENSION PROFILE (5-420-03)
ALUMINUM 6063-T5

SILL INSERT PROFILE (5-310-26)
ALUMINUM 6063-T5

EXTENSION PROFILE (5-300-04)
LAMINATED WOOD

BACK PLATE (15-310-40)
STEEL

CONNECTION STRIP PROFILE (5-310-27)
ALUMINUM 6063-T5

STOP BAR PROFILE (5-450-06)
ALUMINUM 6063-T5

EXTENSION PROFILE (5-420-04)
ALUMINUM 6063-T5

CORNER EXTENSION ASSEMBLY
ALUMINUM 6063-T5

CONNECTING PROFILE (5-400-01)
ALUMINUM 6063-T5

COVER SHELL PROFILE (5-420-01)
ALUMINUM 6063-T5

CONNECTING PROFILE (5-400-02)
ALUMINUM 6063-T5

GLAZING BEAD (10-420-01)
SOLID WOOD

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100 MEADOWCREEK DRIVE, SUITE 250
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SERIES NW CLAD 740/WD87/COMBILINE
CORNER FOLDING DOOR NON-IMPACT
COMPONENTS

DRAWN: A.R.

DWG NO. 08-03769

REV A

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SHEET 12 OF 12

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