

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 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 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 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 #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 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. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING INTO METAL STRUCTURE 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: 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.

SIGNED: 12/22/2023

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

NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250

CORTE MADERA, CA 94925

CERO II STANDARD SLIDING GLASS DOOR

NON-IMPACT

NOTES

DRAWN: R.L.

DWG NO. 08-03969

REV -

SCALE NTS

DATE 12/18/23

SHEET 1 OF 10

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

LUIS R. LOMAS

LICENSE

No. 62514

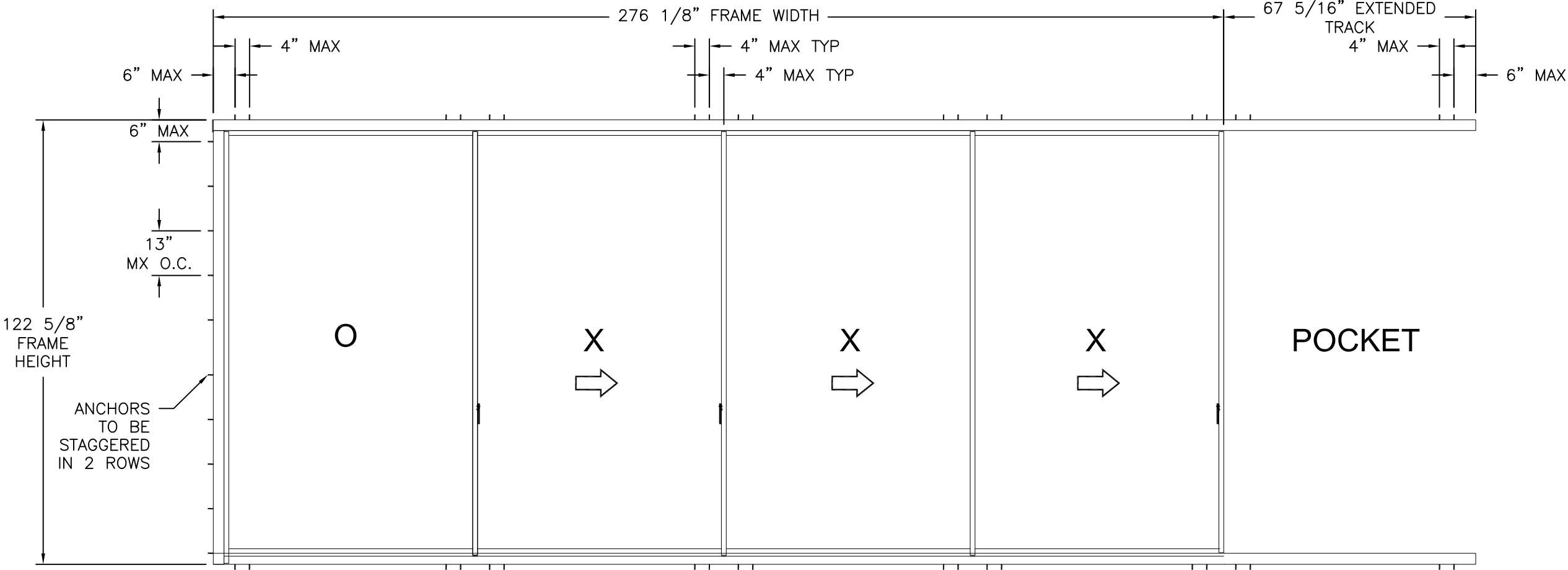
STATE OF FLORIDA

PROFESSIONAL ENGINEER

Luis R. Lomas P.E.

FL No.: 62514

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CERO II STANDARD 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
±35PSF	NONE

SEE CHARTS #1 & #2 SHEET 3 FOR RATINGS

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- NOTES:
- PANEL SIZE: 68 7/8" X 118 1/8"
 - D.L.O.: 67 5/16" X 115"
 - (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.

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

CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
ELEVATION

DRAWN:
R.L.

DWG NO.
08-03969

REV
-

SCALE
NTS

DATE
12/18/23

SHEET
2 OF 10

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

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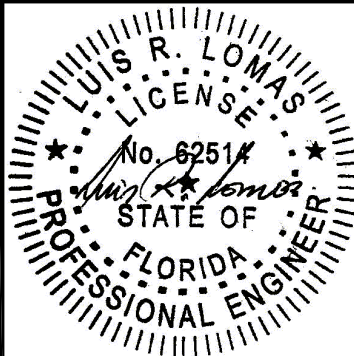
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Chart #4
Design pressure rating (psf)

[illegible][illegible][illegible]

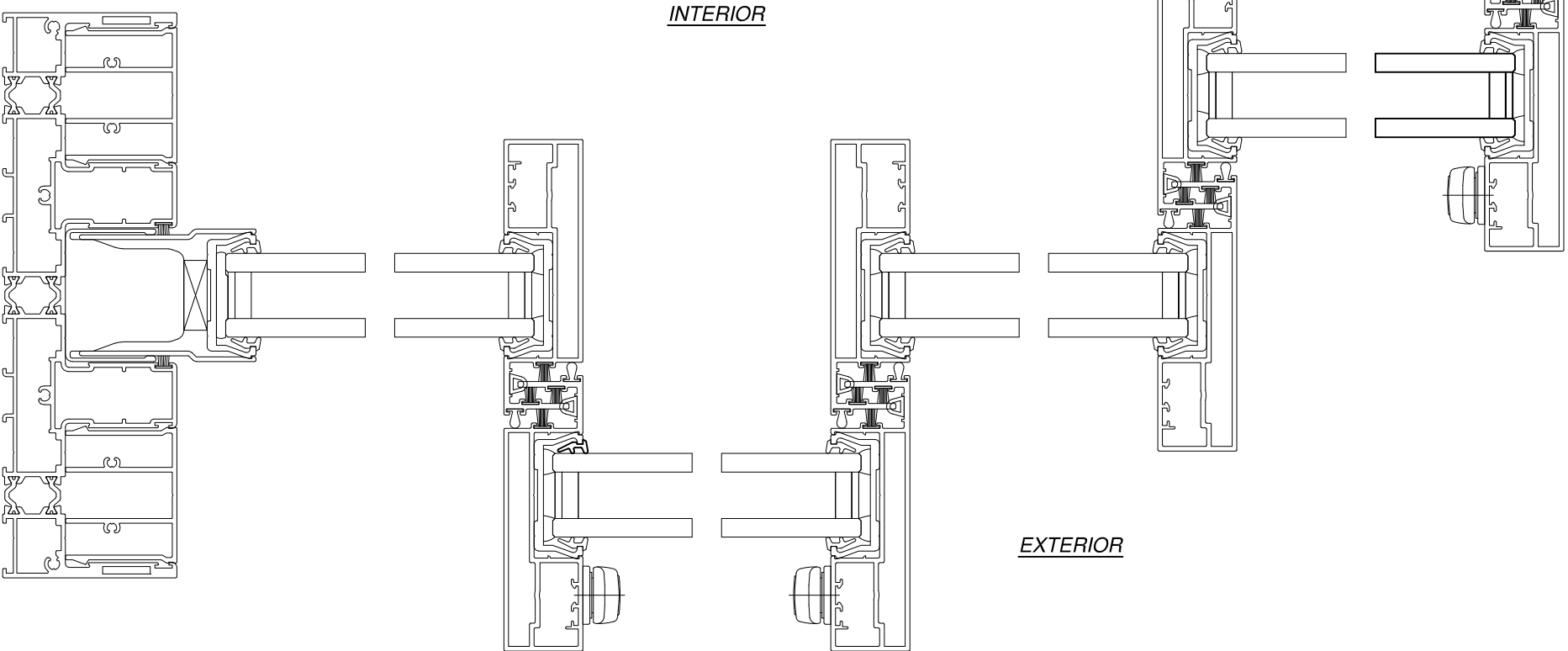
NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925			
CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT RATINGS			
DRAWN: R.L.		DWG NO. 08-03969	
SCALE NTS		DATE 12/18/23	SHEET 3 OF 10
<i>L. ROBERTO LOMAS P.E.</i> 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com			

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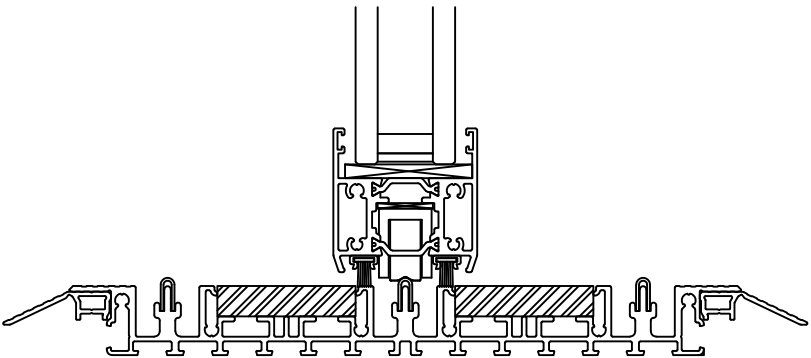


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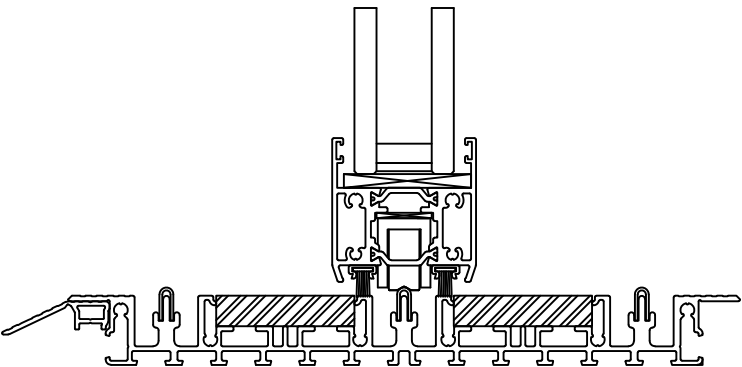
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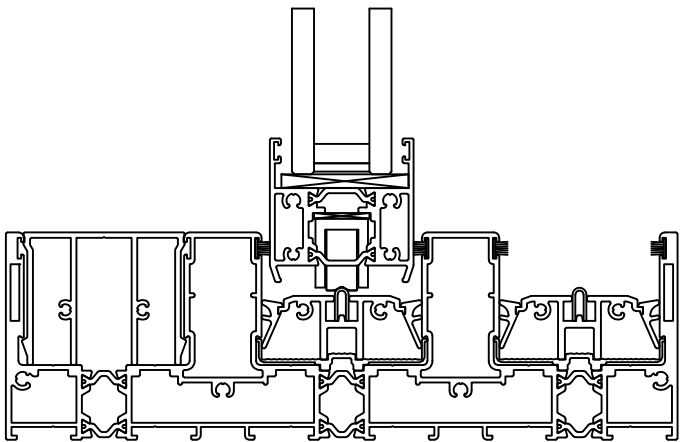
HORIZONTAL CROSS SECTION



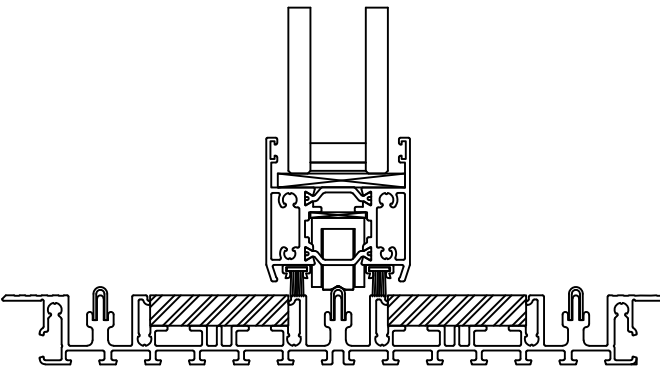
SADDLE SILL



HYBRID SILL



STANDARD SILL



FLUSH SILL

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NANA WALL SYSTEMS, INC.

100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
CROSS SECTIONS

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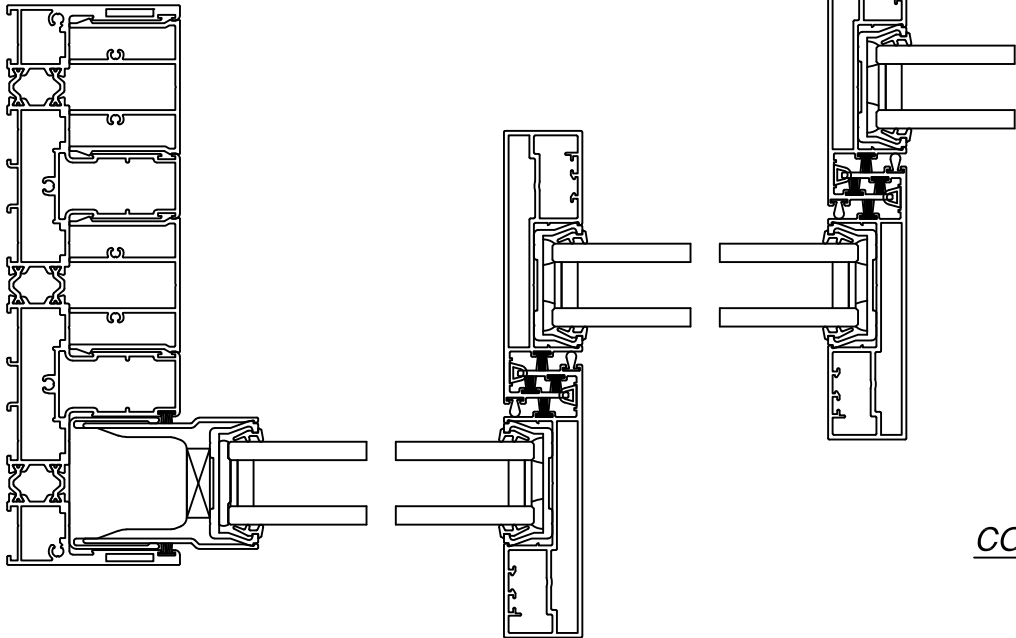
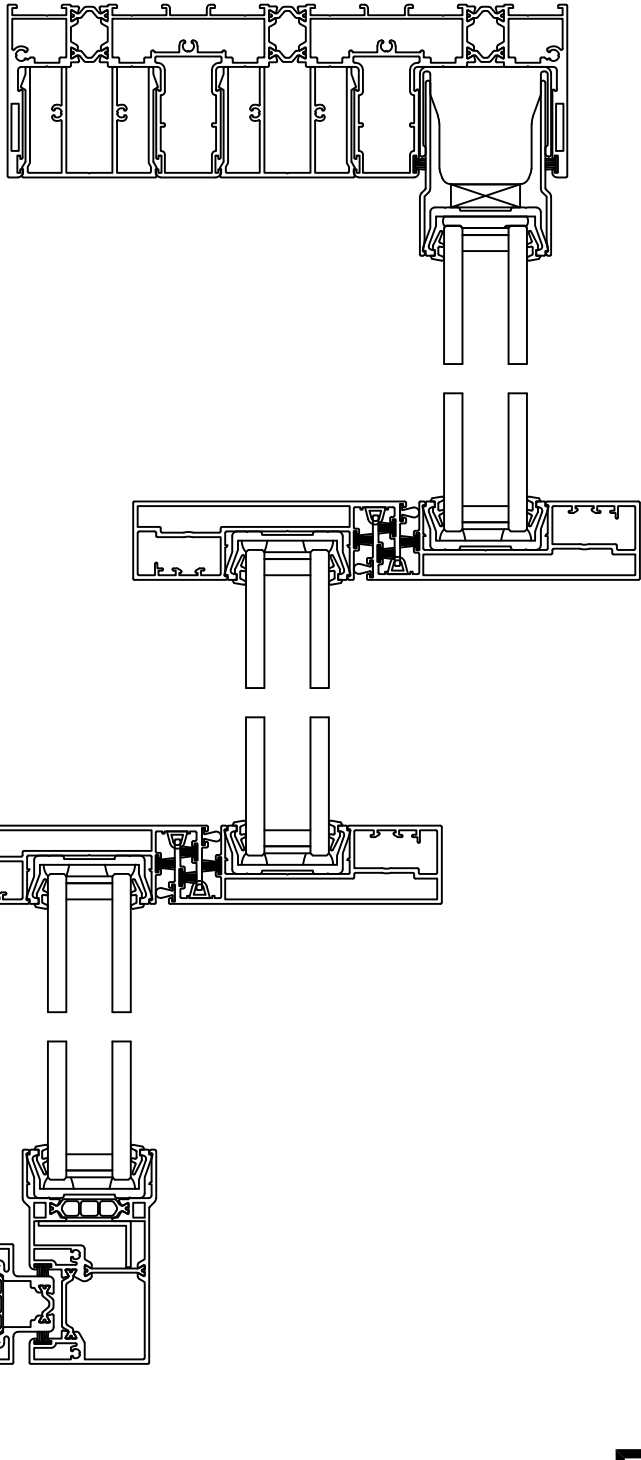
DATE
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SHEET
4 OF 10

L. ROBERTO LOMAS P.E.

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CORNER CROSS SECTION

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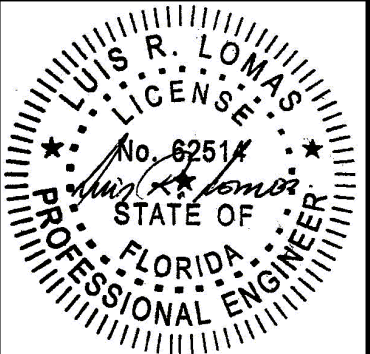
NANA WALL SYSTEMS, INC.
100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
CROSS SECTIONS

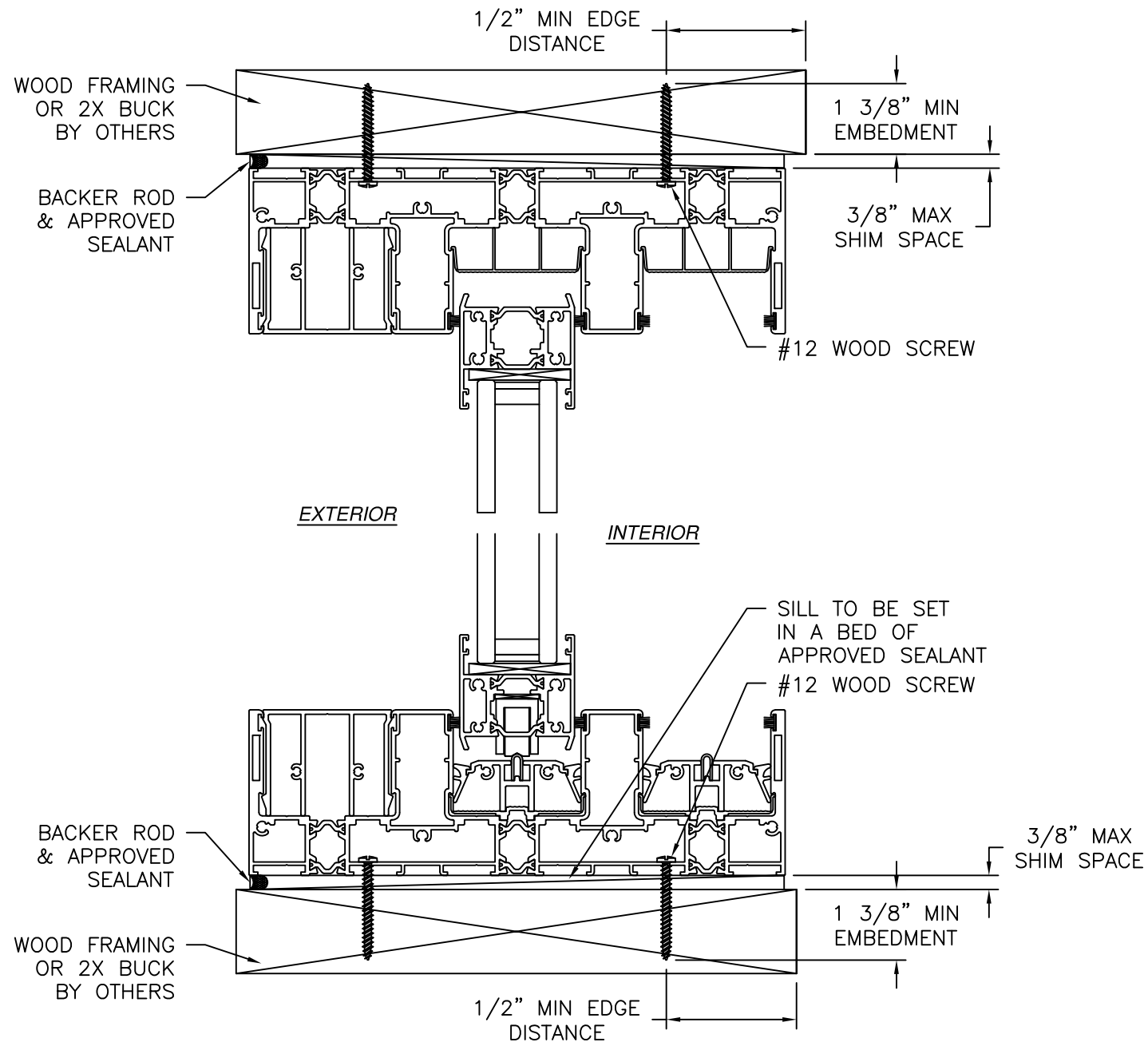
DRAWN: R.L.	DWG NO. 08-03969	REV -
SCALE NTS	DATE 12/18/23	SHEET 5 OF 10

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

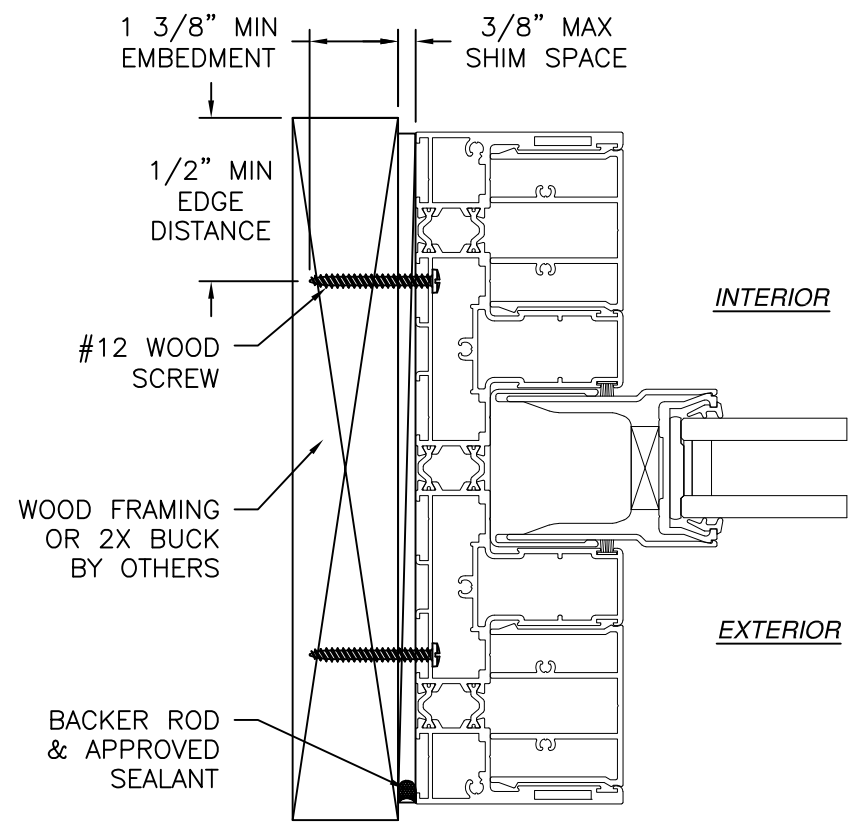
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VERTICAL CROSS SECTION
STANDARD SILL SHOWN, OTHER SILLS SIMILAR
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

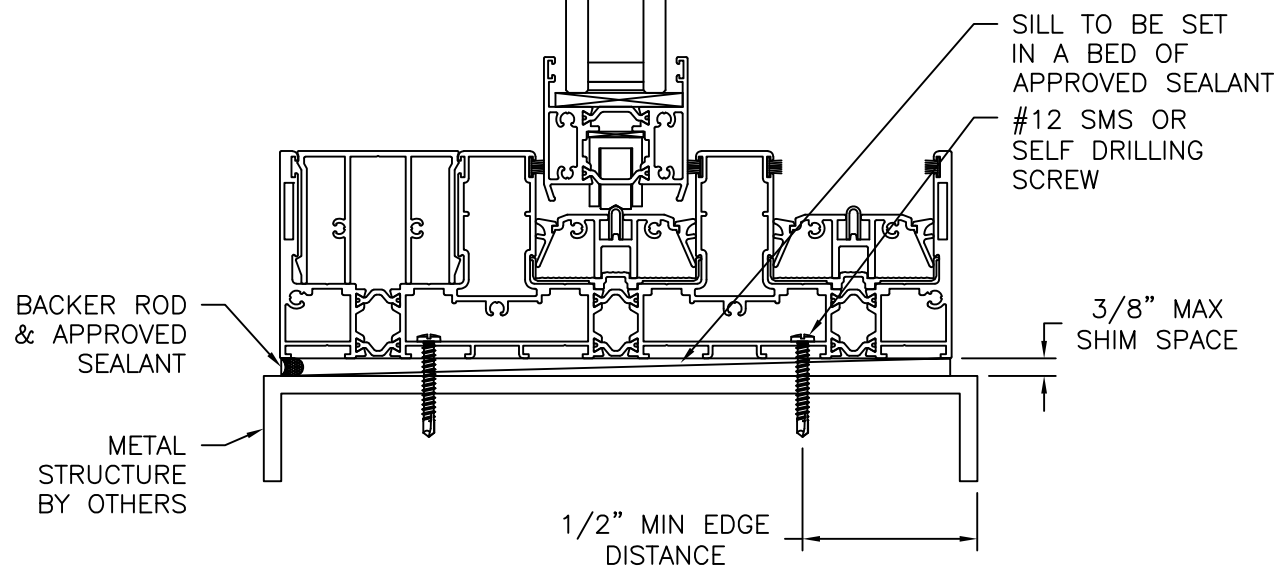
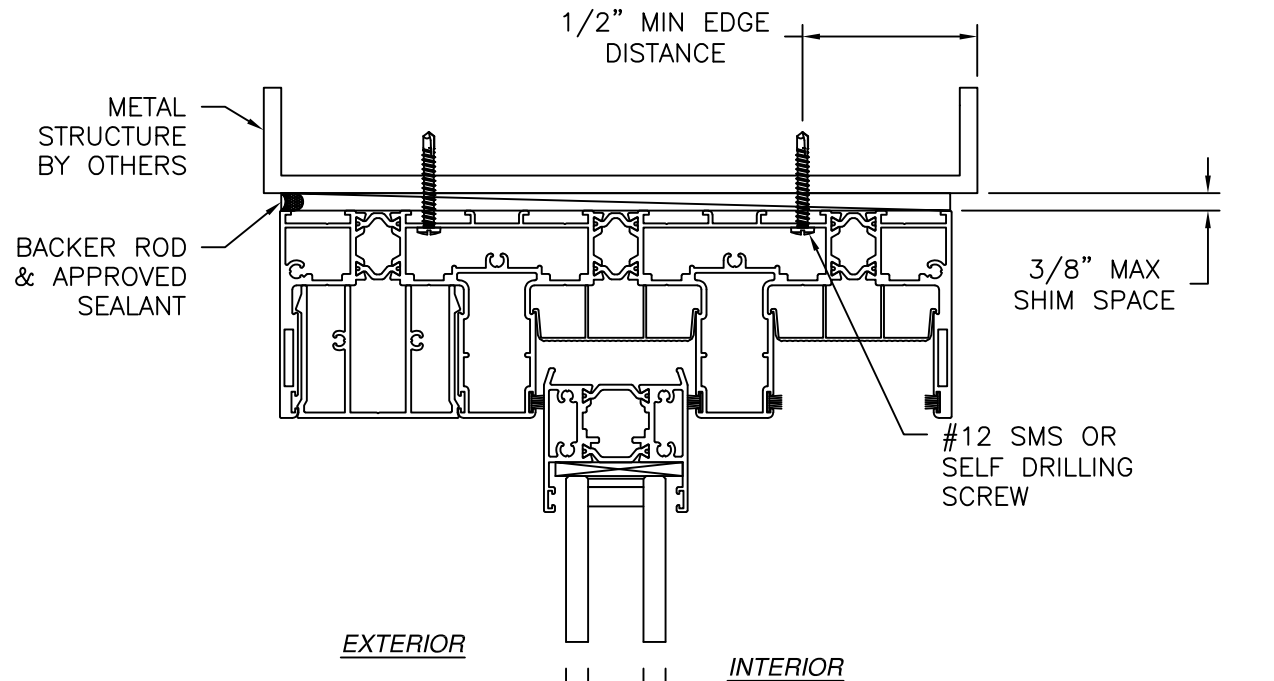
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
 3. WEEPS NOT SHOWN FOR CLARITY

NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925		
CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03969	REV -
SCALE NTS	DATE 12/18/23	SHEET 6 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

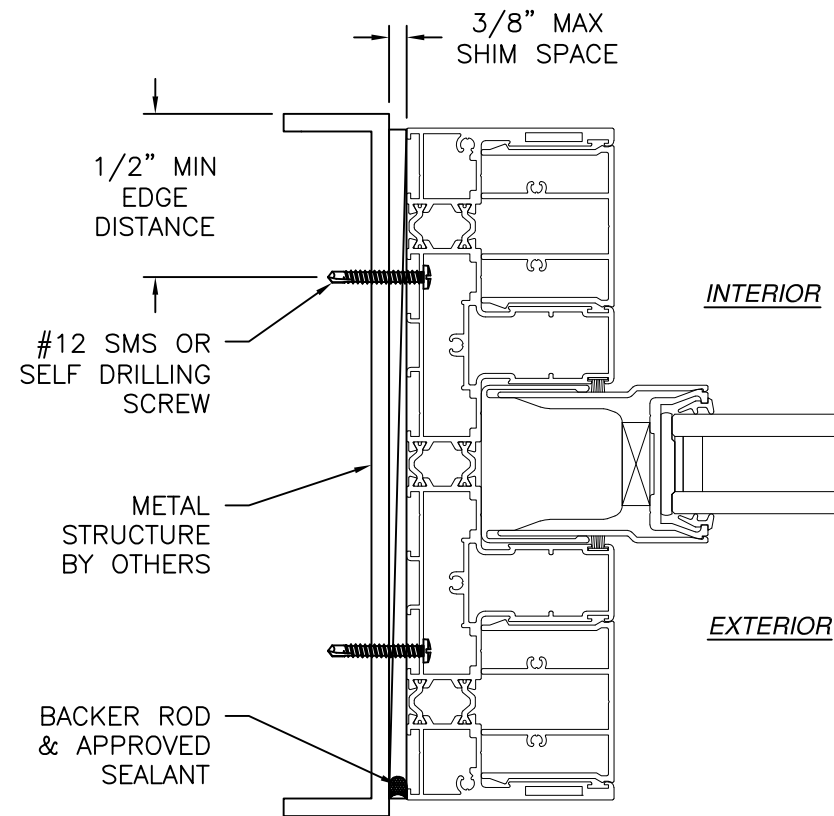
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VERTICAL CROSS SECTION
STANDARD SILL SHOWN, OTHER SILLS SIMILAR
METAL STRUCTURE INSTALLATION

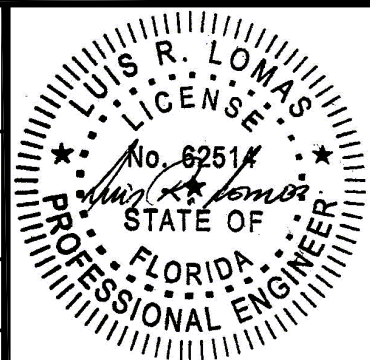


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

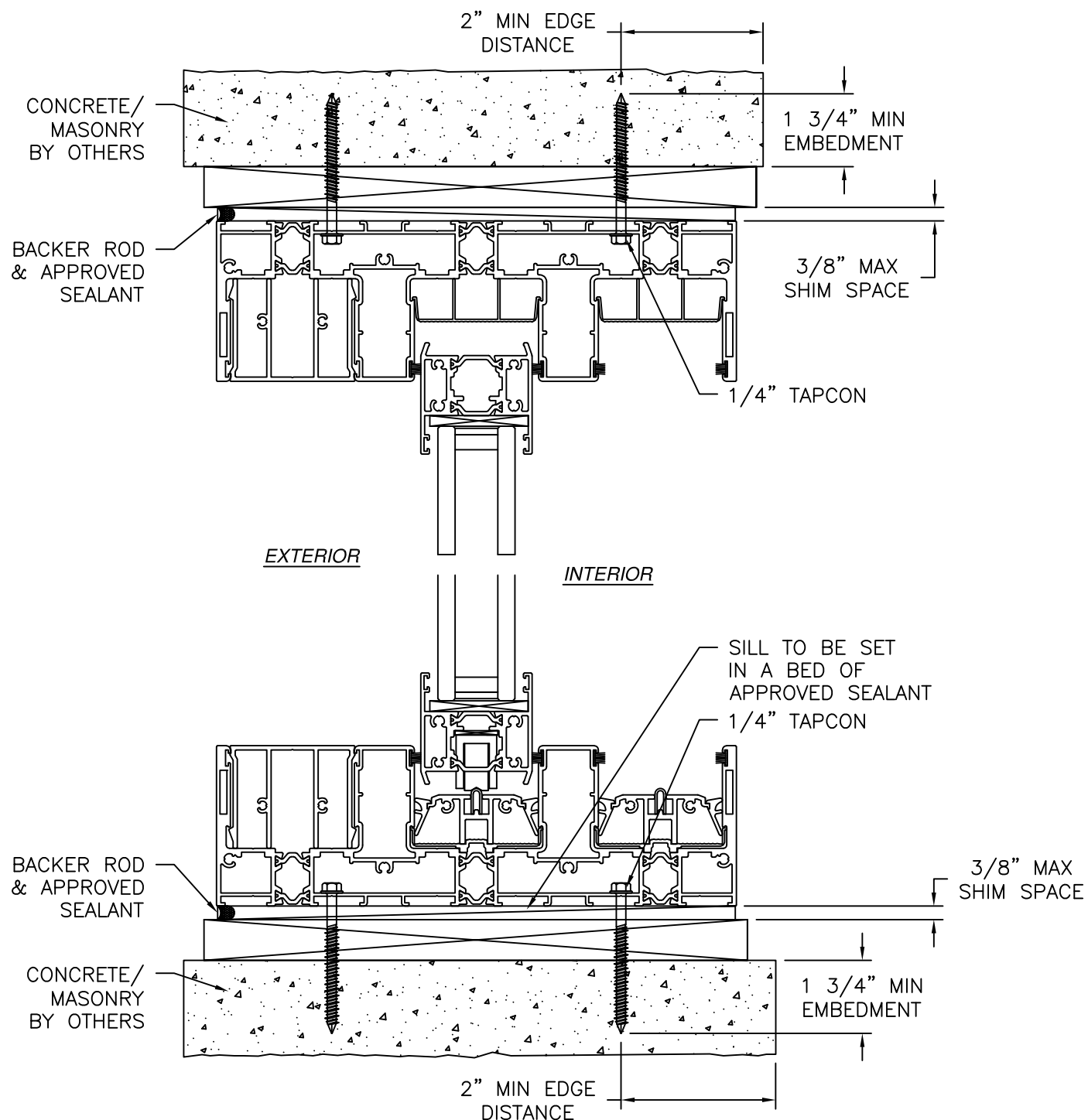
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
 3. WEEPS NOT SHOWN FOR CLARITY

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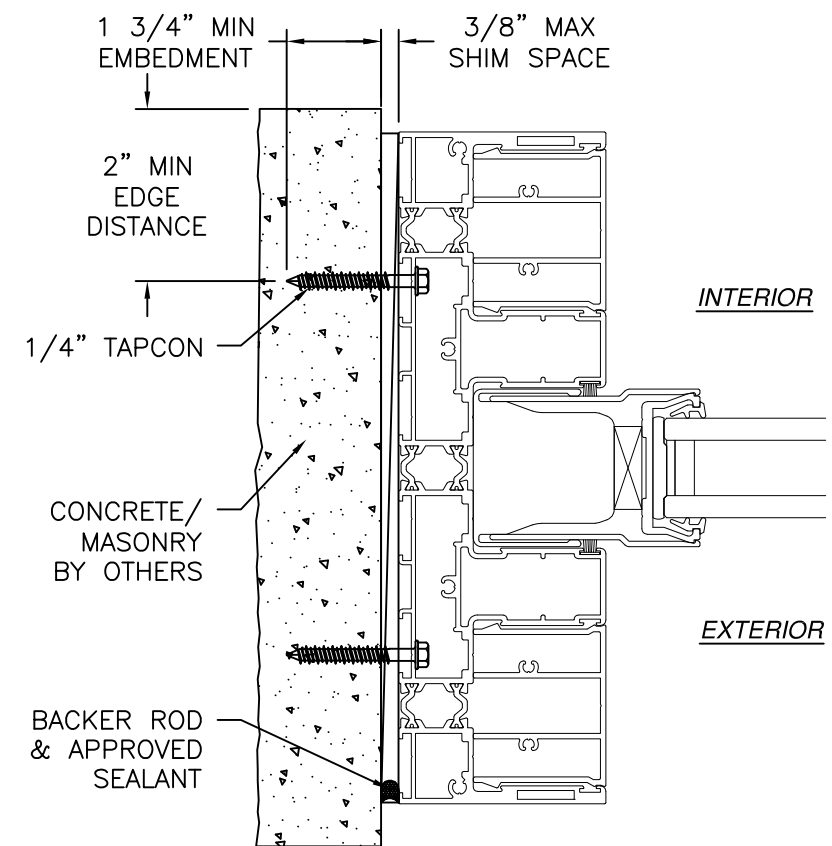
NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925		
CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03969	REV -
SCALE NTS	DATE 12/18/23	SHEET 7 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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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 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

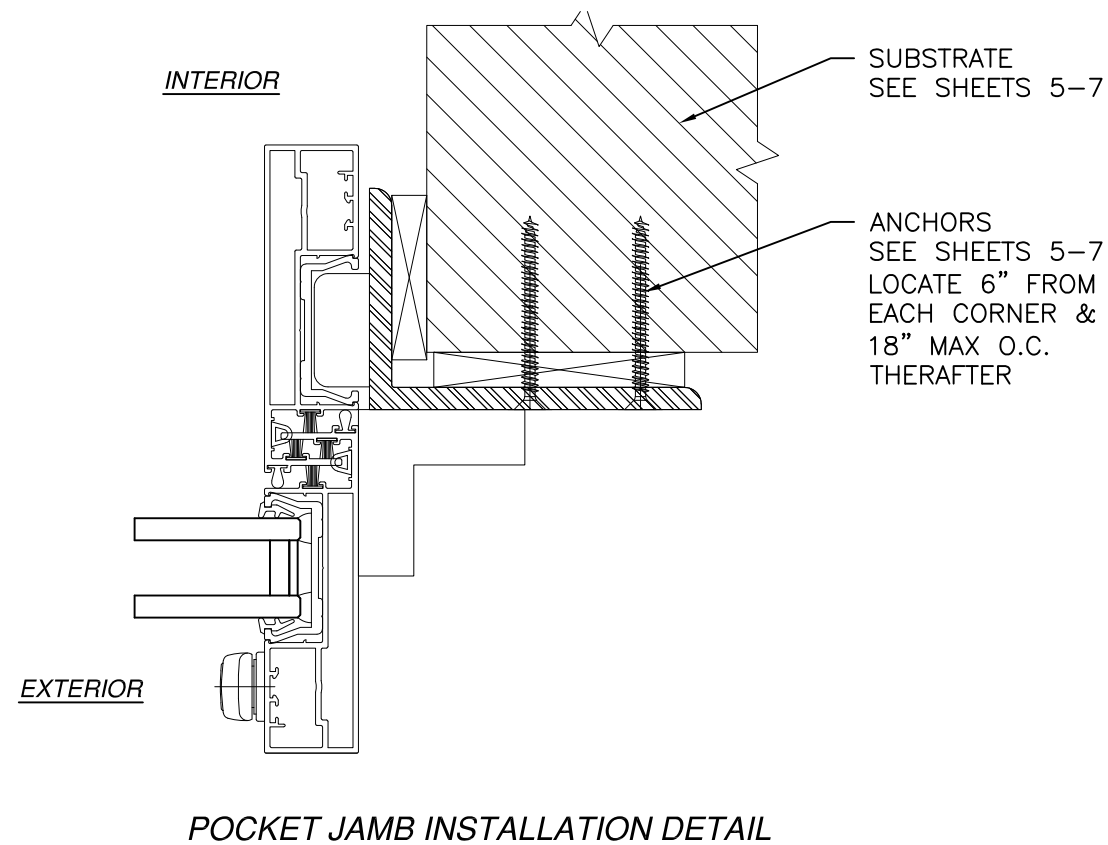
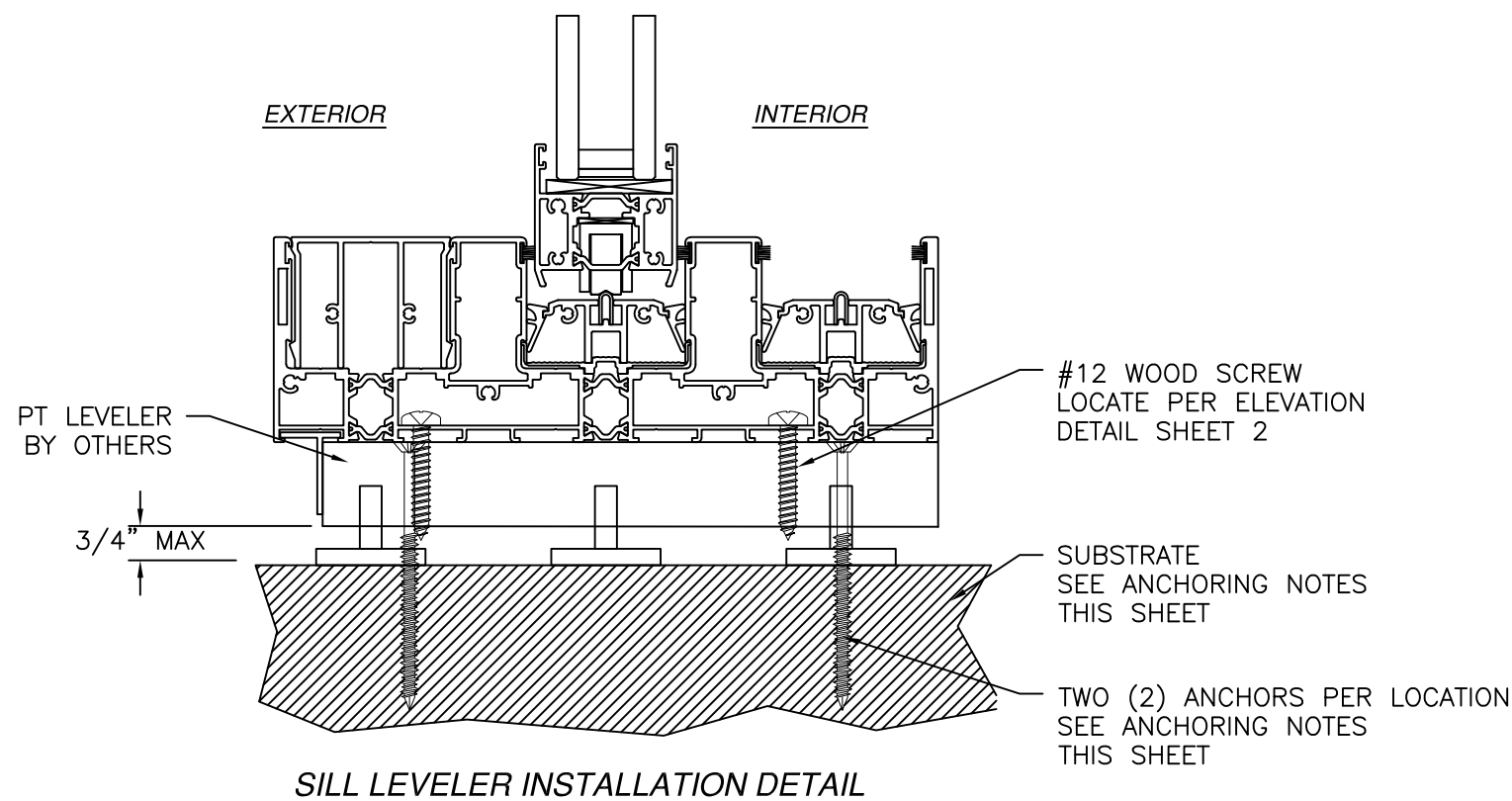
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NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925		
CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03969	REV -
SCALE NTS	DATE 12/18/23	SHEET 8 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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LEVELER ANCHORING NOTES:

- 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.
- 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.
- FOR ANCHORING INTO METAL STRUCTURE USE #12 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL.
- ALL FASTENERS TO BE CORROSION RESISTANT.
- FOR SUBSTRATE REQUIREMENTS SEE NOTES IN SHEET 1.
- LOCATE LEVELER ANCHORS AS FOLLOWS:
 - UP TO 35PSF RATINGS, LOCATE ANCHORS 6" FROM EACH CORNER AND 24" MAX O.C.
 - UP TO 40PSF RATINGS, LOCATE ANCHORS 6" FROM EACH CORNER AND 22" MAX O.C.
 - UP TO 52.5PSF RATINGS, LOCATE ANCHORS 6" FROM EACH CORNER AND 16" MAX O.C.

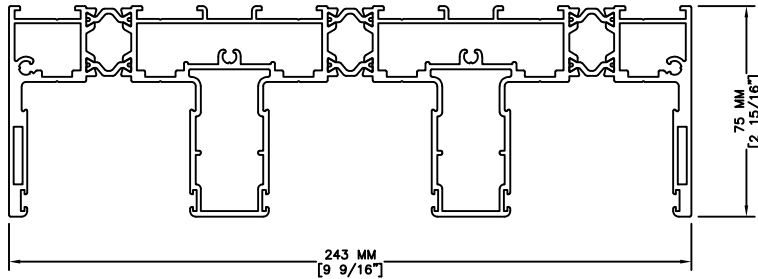
NOTES:

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

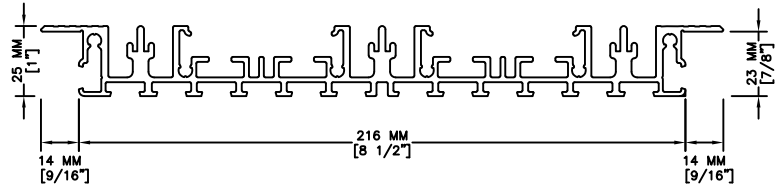
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NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925			
CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT INSTALLATION DETAILS			
DRAWN: R.L.	DWG NO. 08-03969	REV -	
SCALE NTS	DATE 12/18/23	SHEET 9 OF 10	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com			

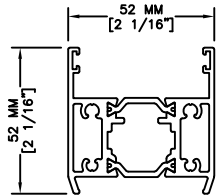
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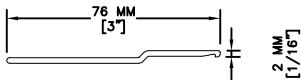
Part No. 5-220-03-X
Item Description:
6063-T5 ALUMINUM FRAME
PROFILE FOR 3-TRACKS



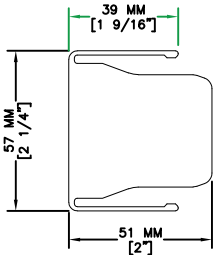
Part No. 5-210-28-X
Item Description:
6063-T5 ALUMINUM FLUSH SILL
FOR 3-TRACKS



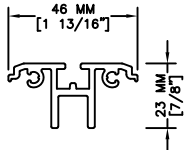
Part No. 5-220-08-X
Item Description:
6063-T5 ALUMINUM PANEL
PROFILE TOP / BOTTOM



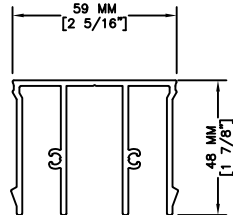
Part No. 5-210-21-X
Item Description:
6063-T5 ALUMINUM COVER
PROFILE FOR FIXED PANEL



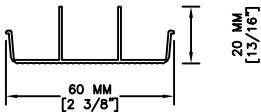
Part No. 15-210-40-X
Item Description:
POLYAMIDE CLAMPING PIECE FOR
COVER PROFILE FIXED PANEL



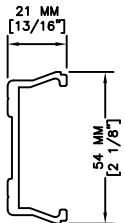
Part No. 5-210-04-X
Item Description:
6063-T5 ALUMINUM BOTTOM
RUNNING TRACK



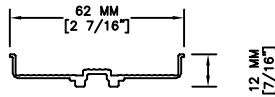
Part No. 5-210-05-X
Item Description:
6063-T5 ALUMINUM TRACK INFILL
PROFILE



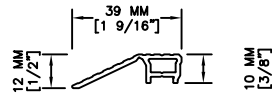
Part No. 5-220-06-X
Item Description:
POLYAMIDE COVER PROFILE
FOR HEAD TRACK



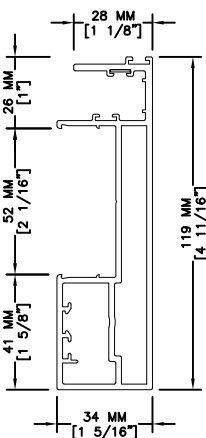
Part No. 5-220-09-X
Item Description:
POLYAMIDE VERTICAL PANEL
PROFILE (STILE COMPONENT)



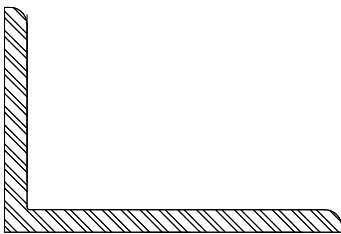
Part No. 5-210-06-X
Item Description:
POLYAMIDE BASE PLATE FOR
RUNNING TRACK



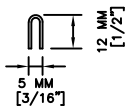
Part No. 5-0-1010-X
Item Description:
6063-T5 ALUMINUM ADAPTER
PROFILE FOR SILL



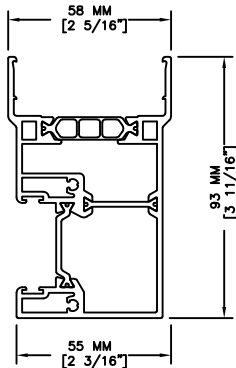
Part No. 5-210-30-X
Item Description:
6063-T5 ALUMINUM LATERAL
PANEL CONNECTION PROFILE,
PARALLEL DIRECTION (STILE)



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



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

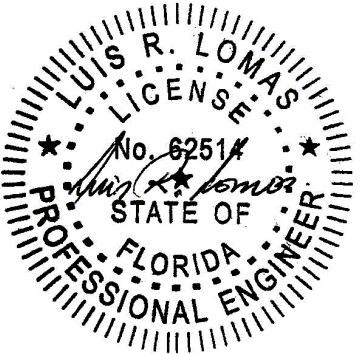


Part No. 5-220-14-X
ITEM DESCRIPTION:
6063-T5 ALUMINUM CORNER
POST PANEL PROFILE

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NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925		
CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT COMPONENTS		
DRAWN: R.L.	DWG NO. 08-03969	REV -
SCALE NTS	DATE 12/18/23	SHEET 10 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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