

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED ANCHOR DETAILS	03/28/2025	R.L.

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.

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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
NOTES

DRAWN:
R.L.

DWG NO.
08-03969B

REV
B

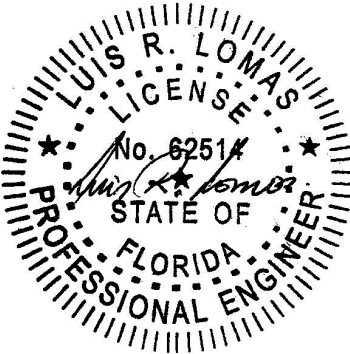
SCALE NTS

DATE 12/18/23

SHEET 1 OF 11

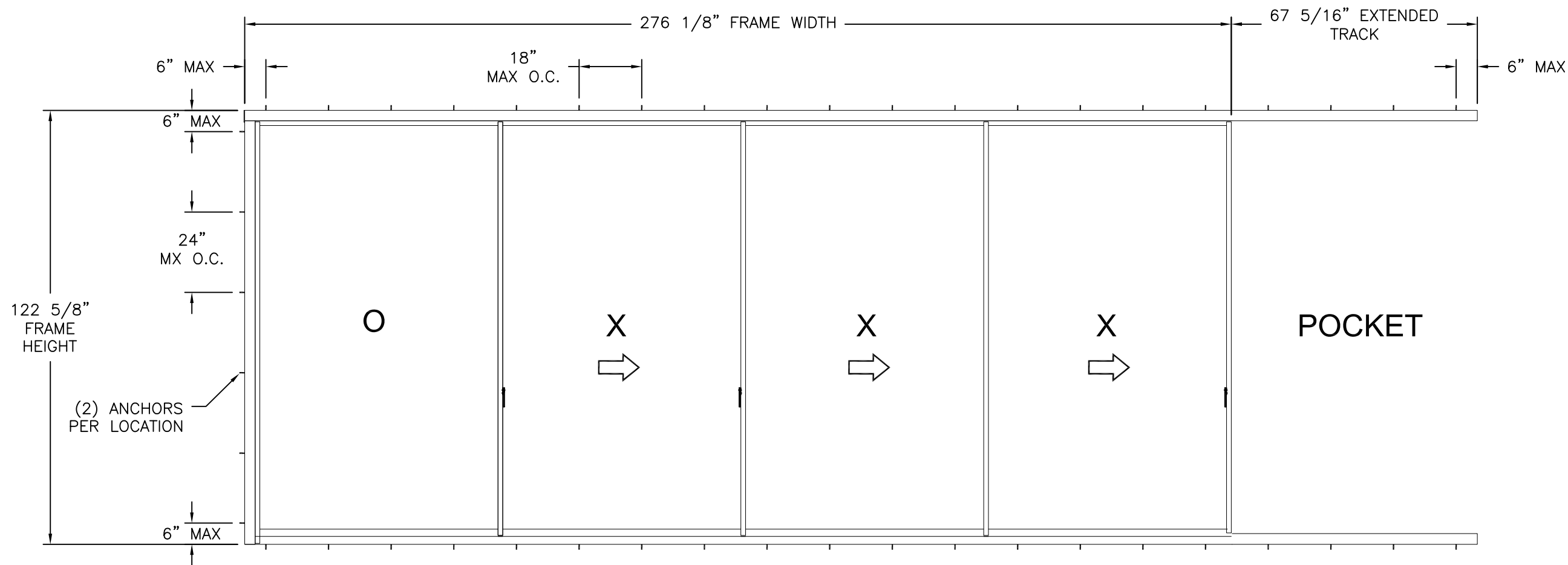
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 06/03/2025



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

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CERO II STANDARD SGD WITH PERIMETER ANCHORING

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 4 FOR RATINGS

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.

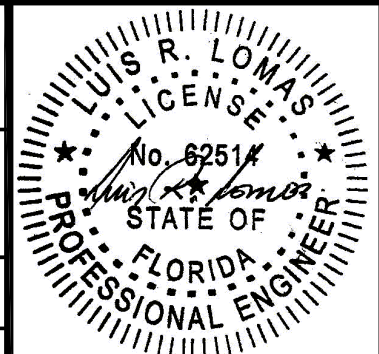
100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
ELEVATION

DRAWN: R.L.	DWG NO. 08-03969B	REV B
SCALE NTS	DATE 12/18/23	SHEET 3 OF 11

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[illegible]

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

[illegible]

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

[illegible]

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

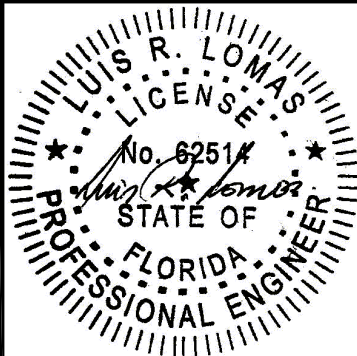
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Corner configuration With flush, saddle or hybrid sill where water penetration resistance is required

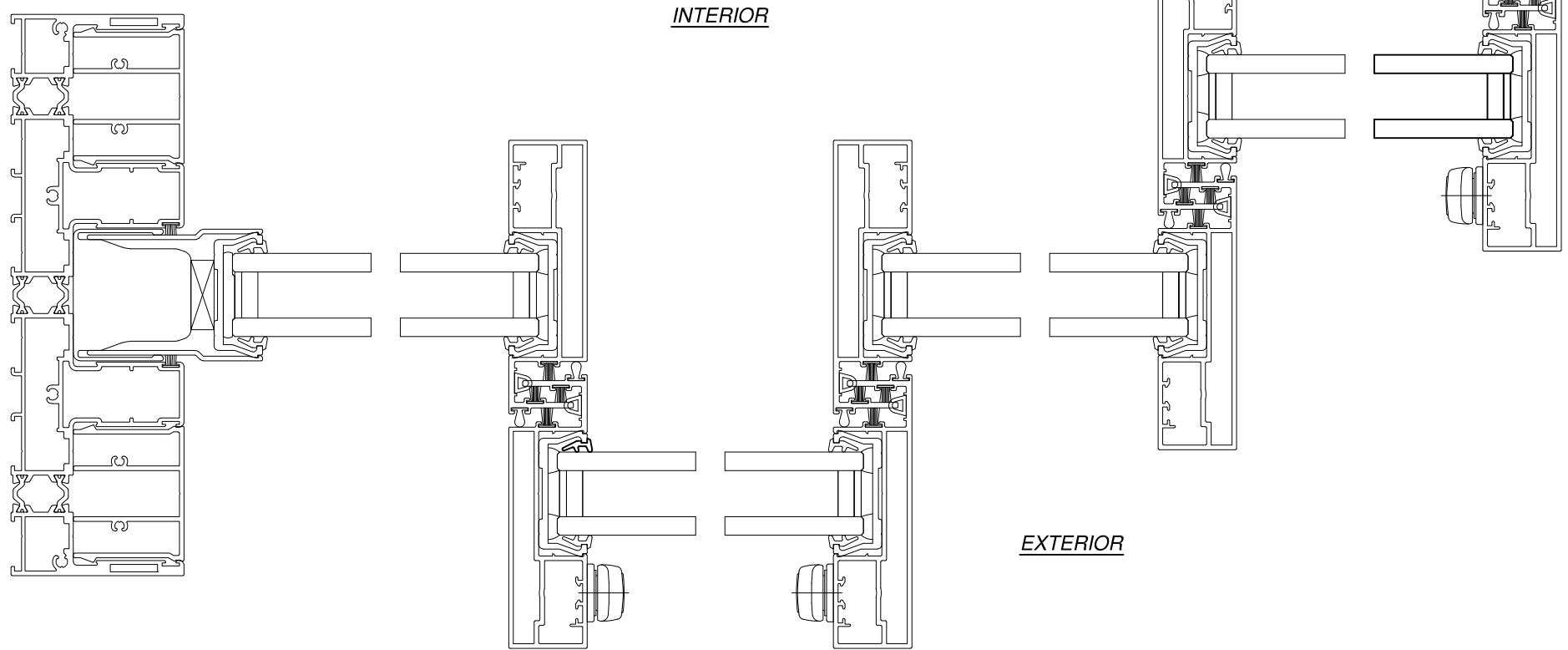
NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925			
CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT RATINGS			
DRAWN: R.L.	DWG NO. 08-03969B	REV B	
SCALE NTS	DATE 12/18/23	SHEET 4 OF 11	
<i>L. ROBERTO LOMAS P.E.</i> <i>208 7th Ave, INDIALANTIC, FL 32903</i> <i>434-688-0609 rllomas@Irlomaspe.com</i>			

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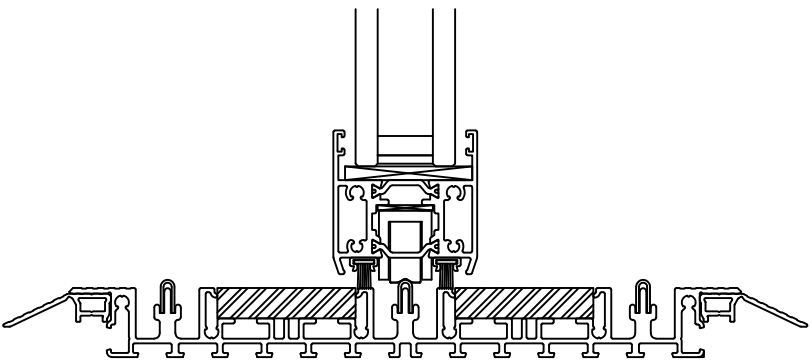
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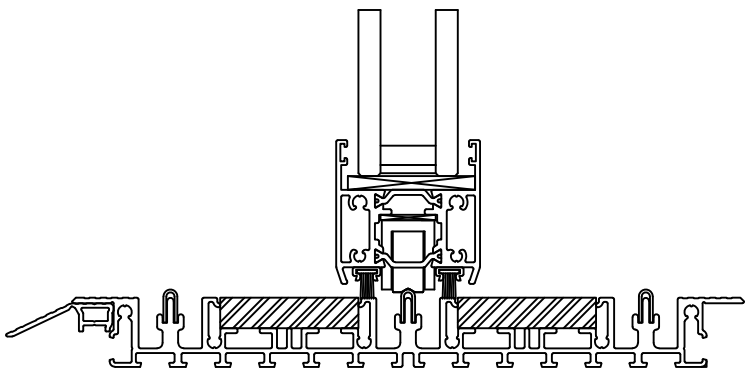
INTERIOR

EXTERIOR

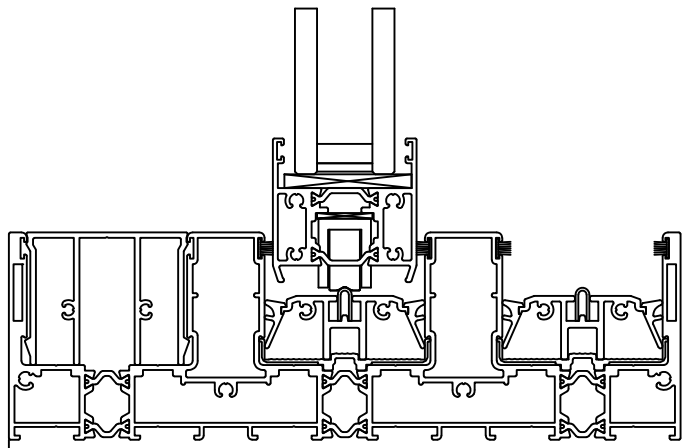
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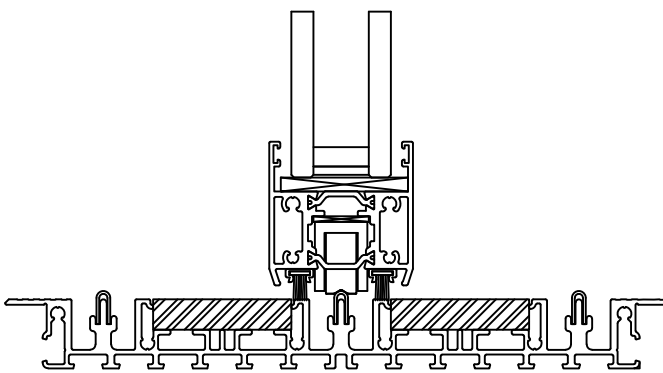
SADDLE SILL



HYBRID SILL



STANDARD SILL



FLUSH SILL

SIGNED: 06/03/2025

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

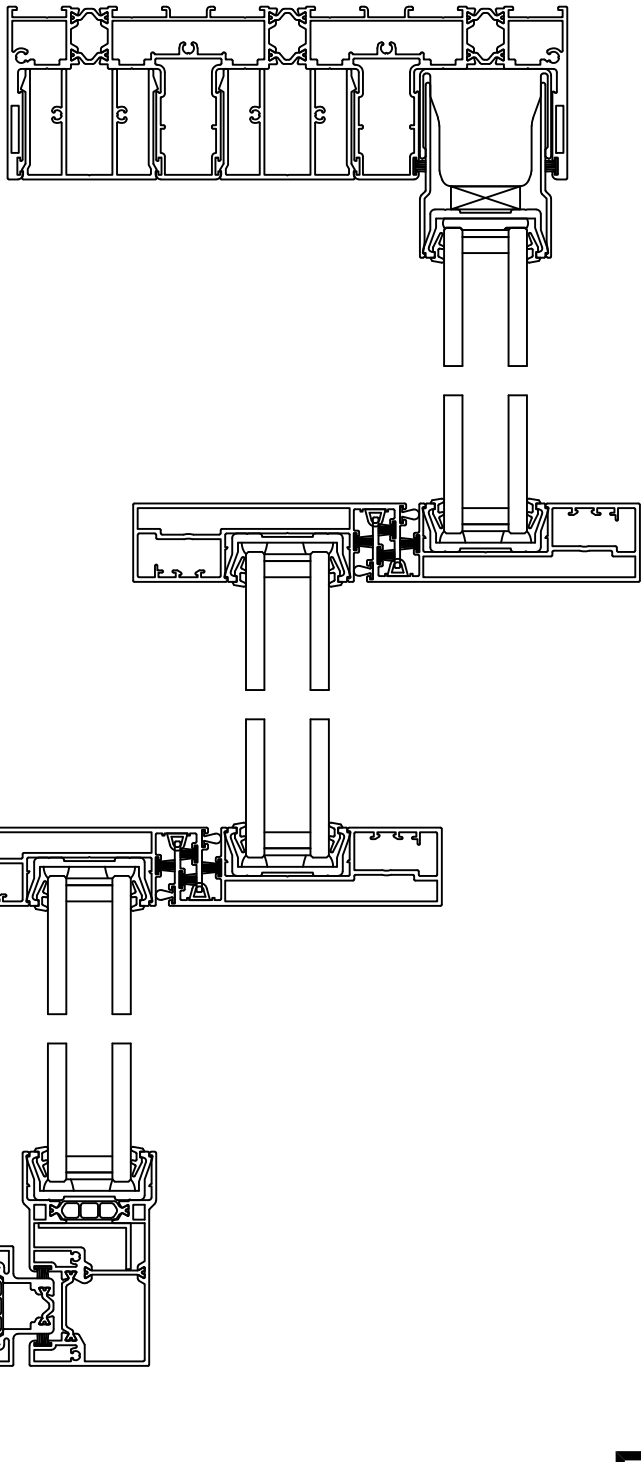
CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
CROSS SECTIONS

DRAWN: R.L.	DWG NO. 08-03969B	REV B
SCALE NTS	DATE 12/18/23	SHEET 5 OF 11

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

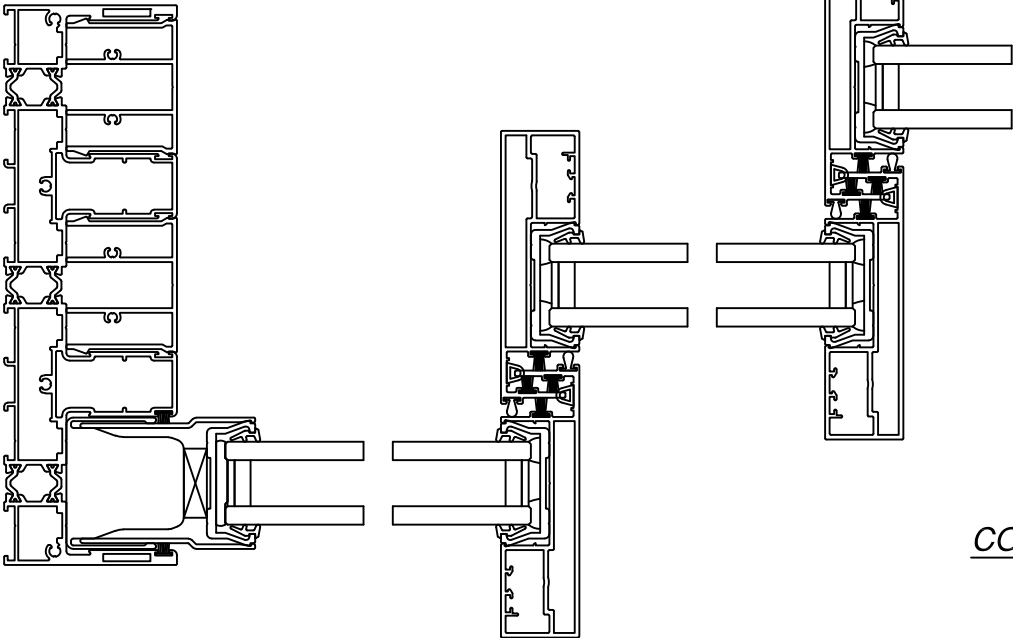
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INTERIOR

EXTERIOR

CORNER CROSS SECTION



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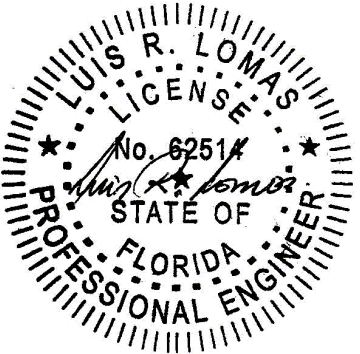
NANA WALL SYSTEMS, INC.
100 MEADOWCREEK DRIVE, SUITE 250
CORTE MADERA, CA 94925

CERO II STANDARD SLIDING GLASS DOOR
NON-IMPACT
CROSS SECTIONS

DRAWN: R.L.	DWG NO. 08-03969B	REV B
SCALE NTS	DATE 12/18/23	SHEET 6 OF 11

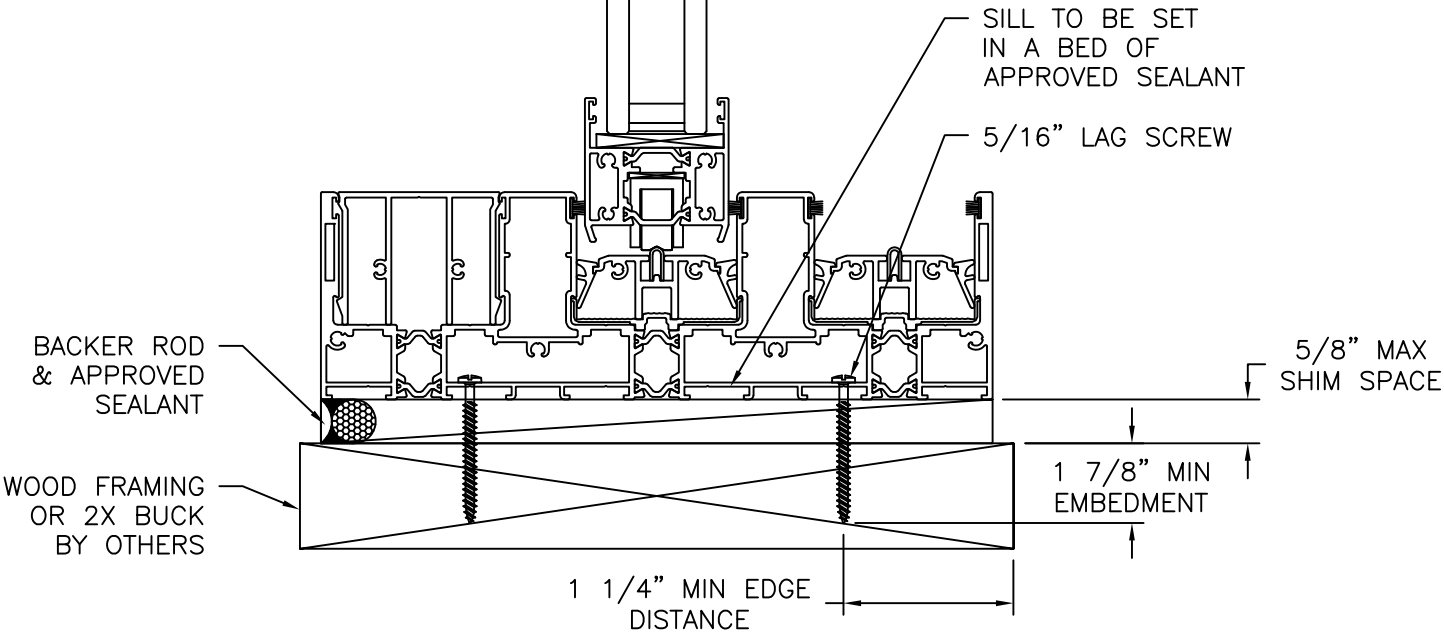
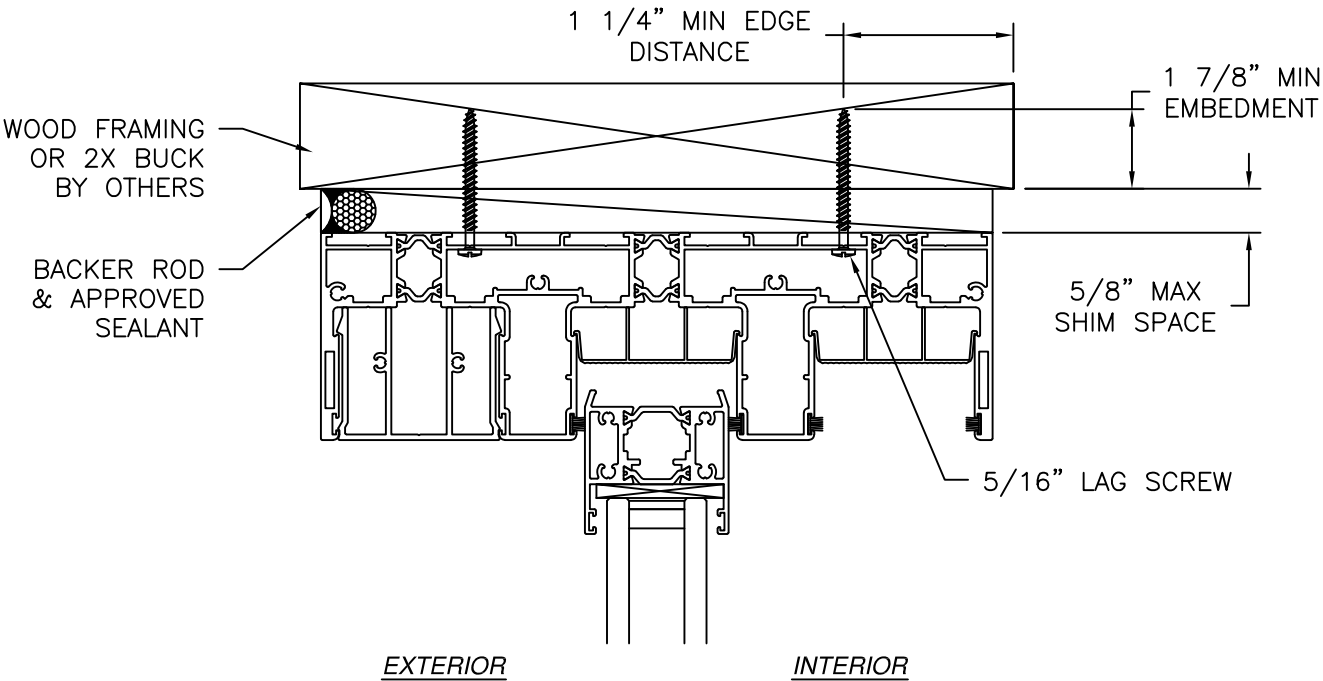
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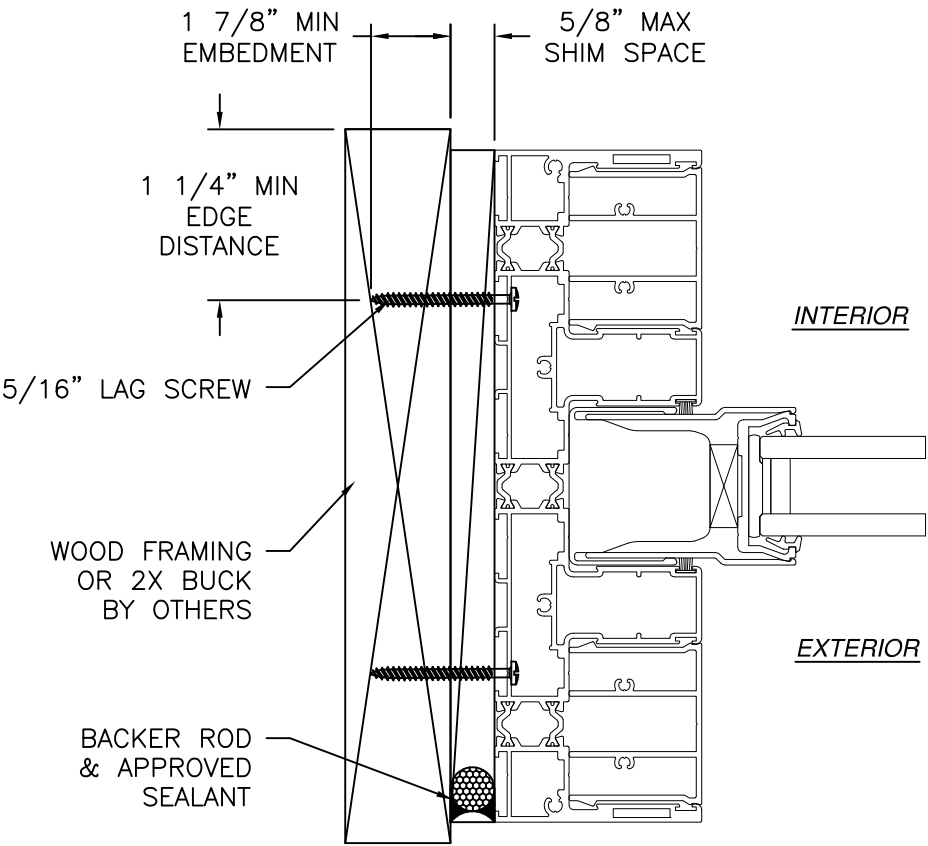


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VERTICAL CROSS SECTION
STANDARD SILL SHOWN, OTHER SILLS SIMILAR
WOOD FRAMING OR 2X BUCK INSTALLATION

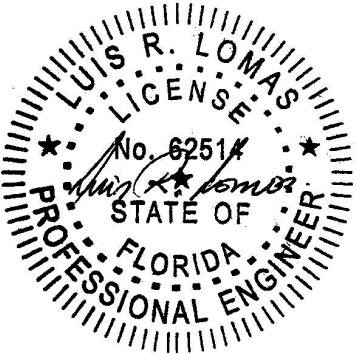


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

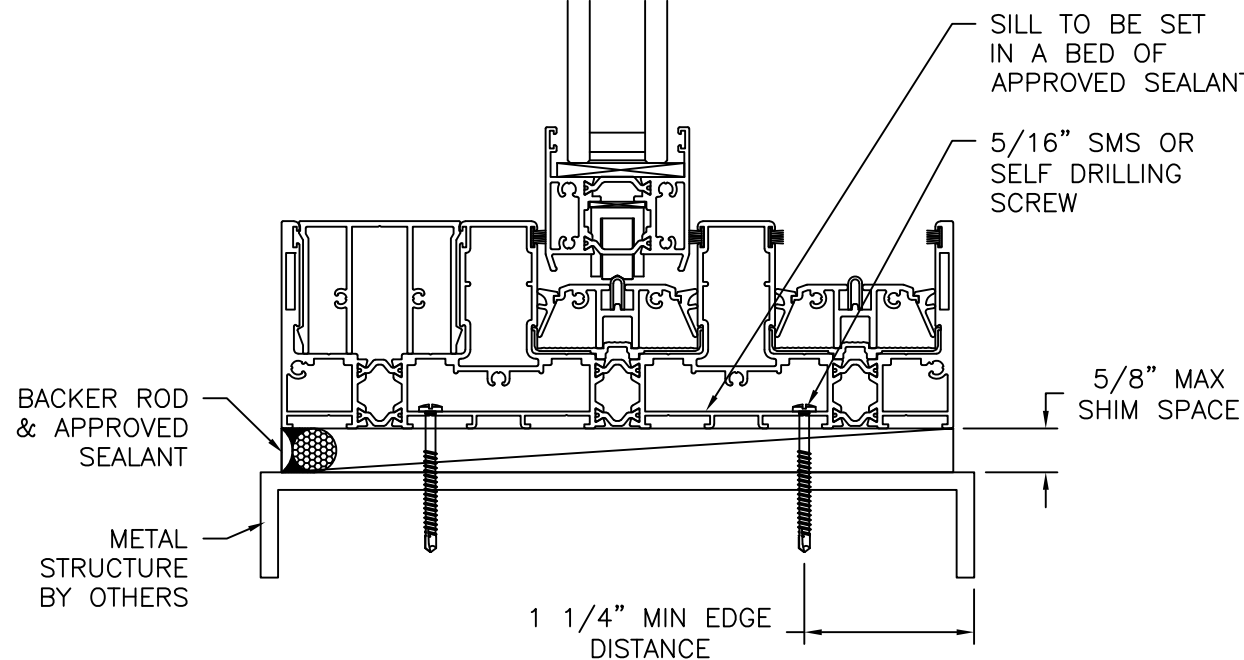
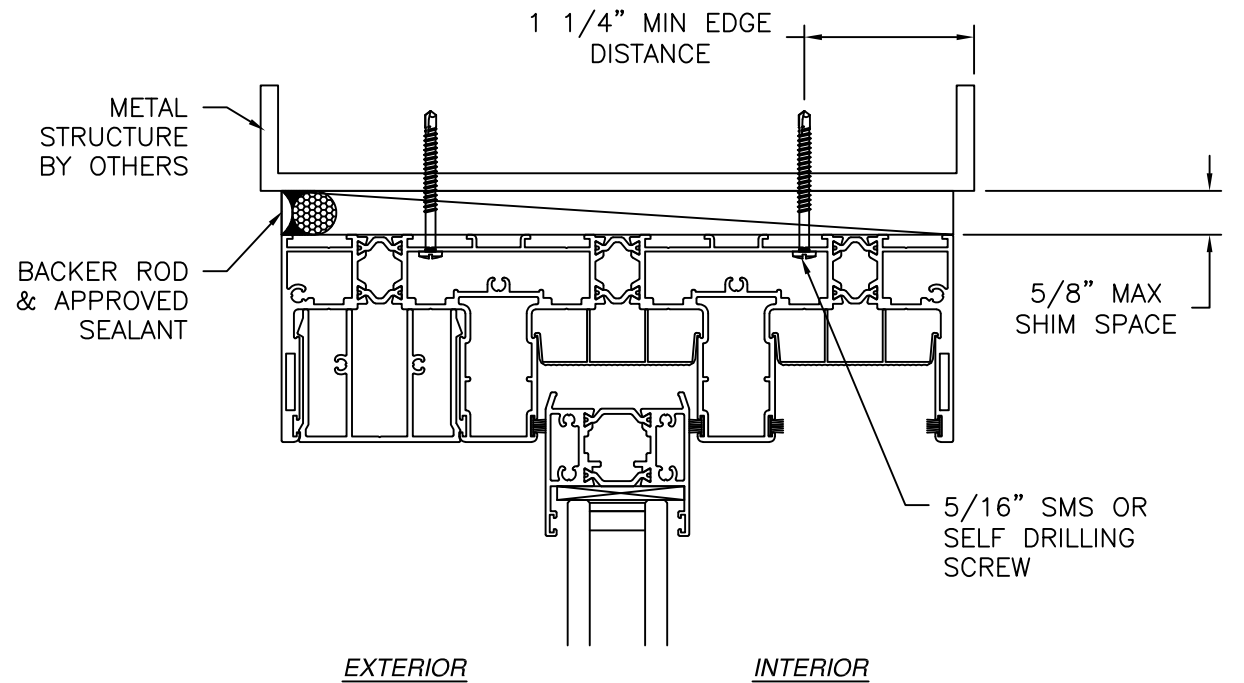
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NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925		
CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03969B	REV B
SCALE NTS	DATE 12/18/23	SHEET 7 OF 11
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

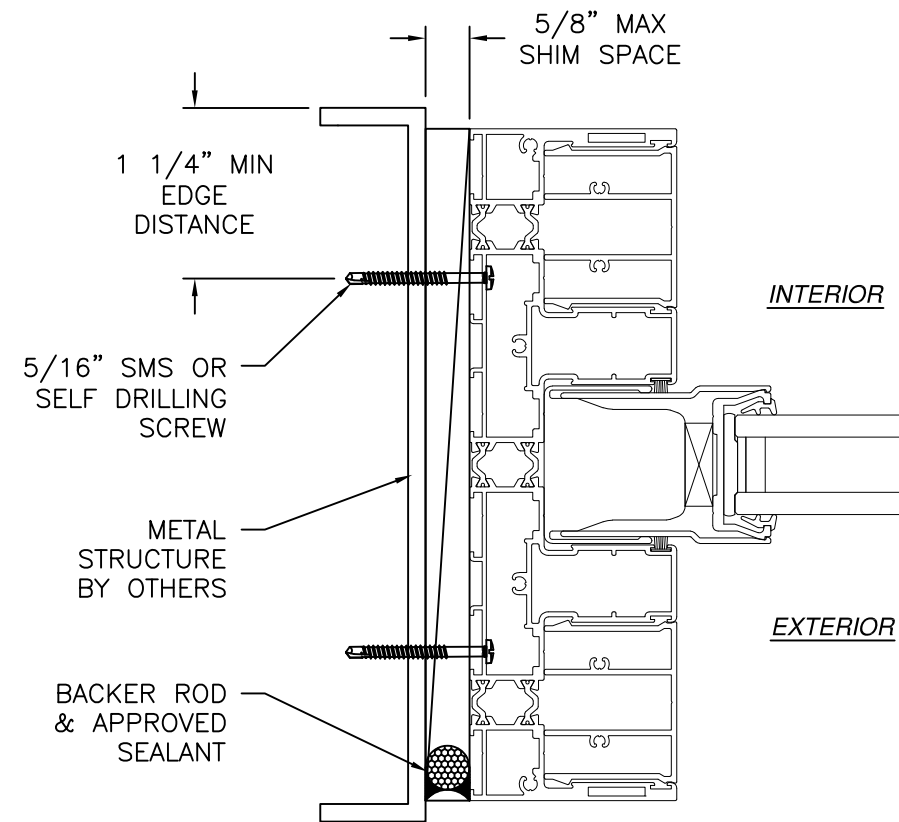


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VERTICAL CROSS SECTION
STANDARD SILL SHOWN, OTHER SILLS SIMILAR
METAL STRUCTURE INSTALLATION

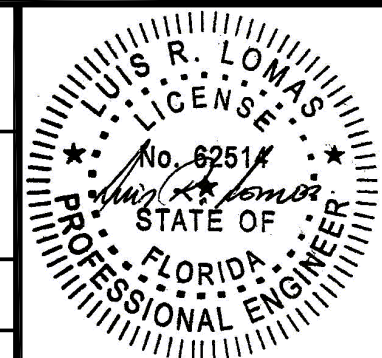


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- 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

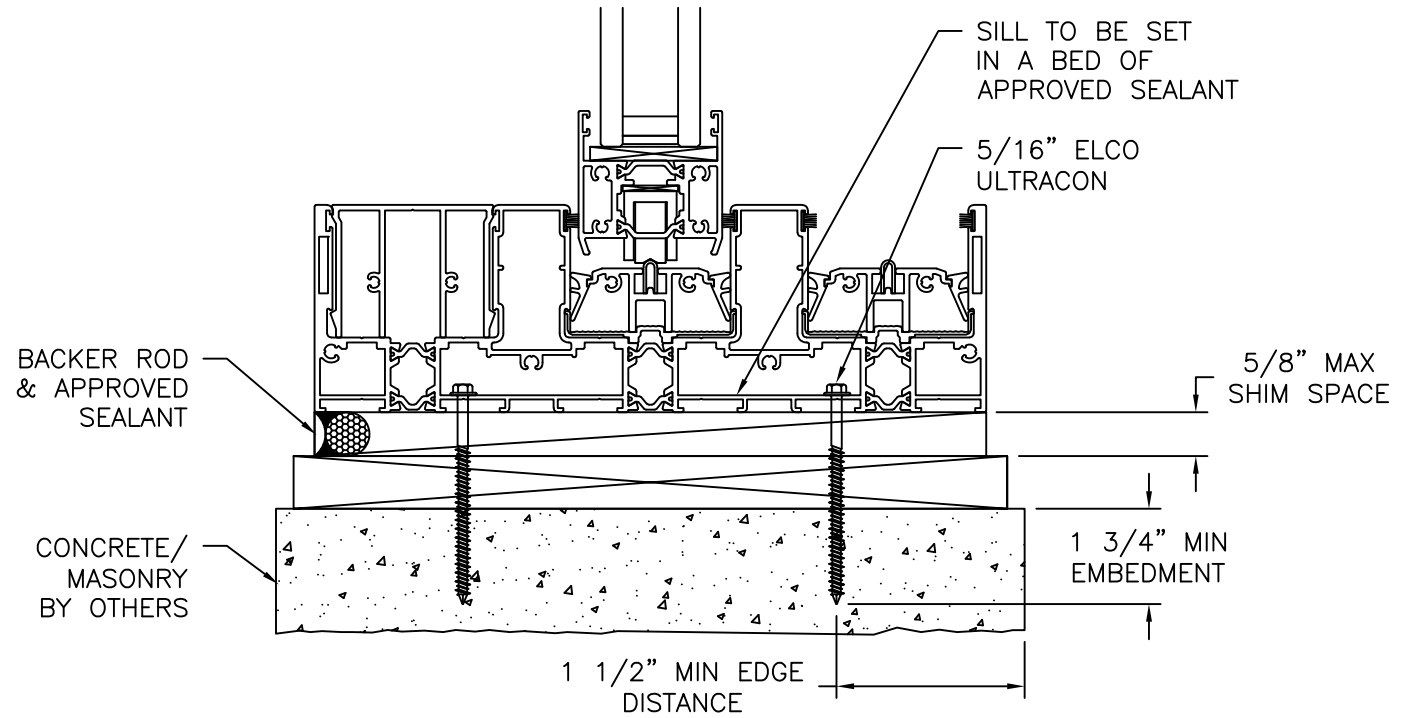
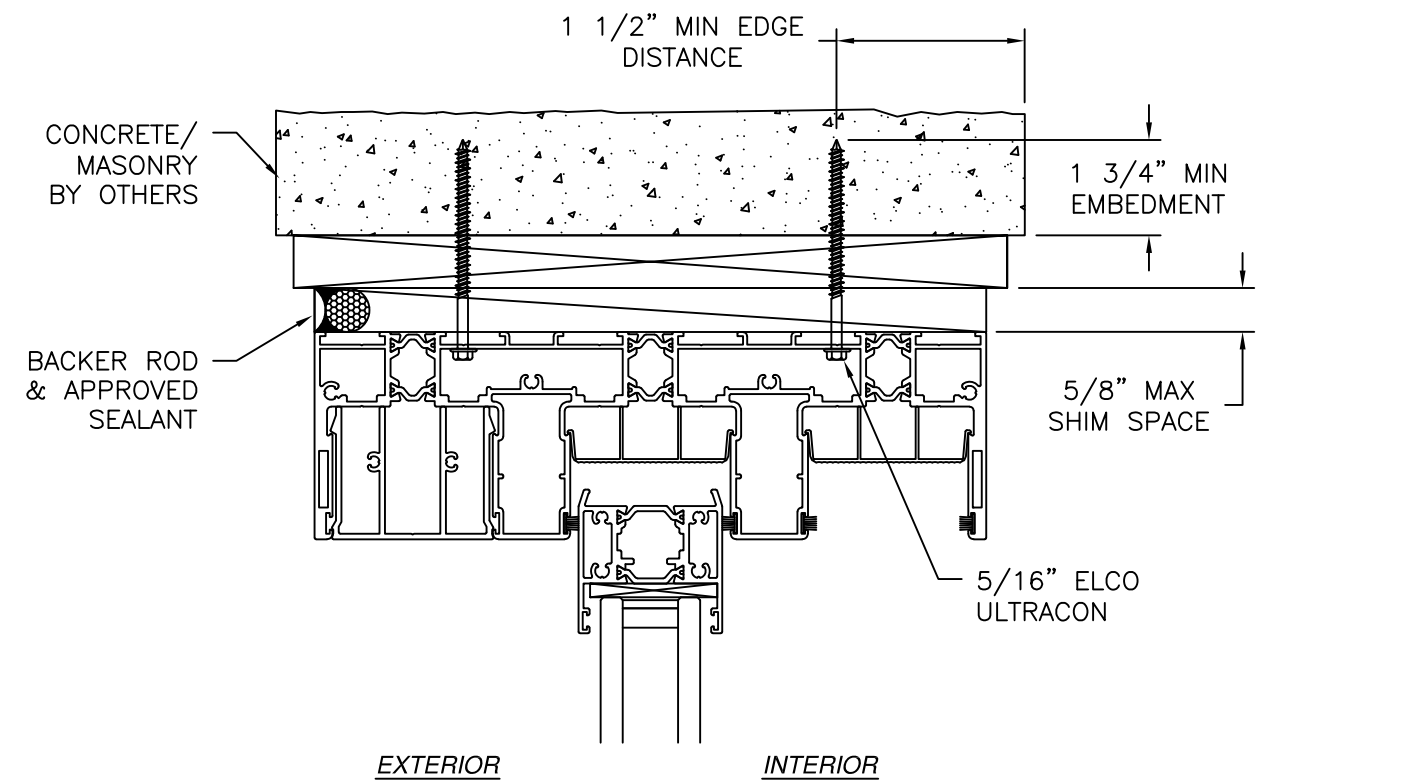
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NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925		
CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03969B	REV B
SCALE NTS	DATE 12/18/23	SHEET 8 OF 11
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

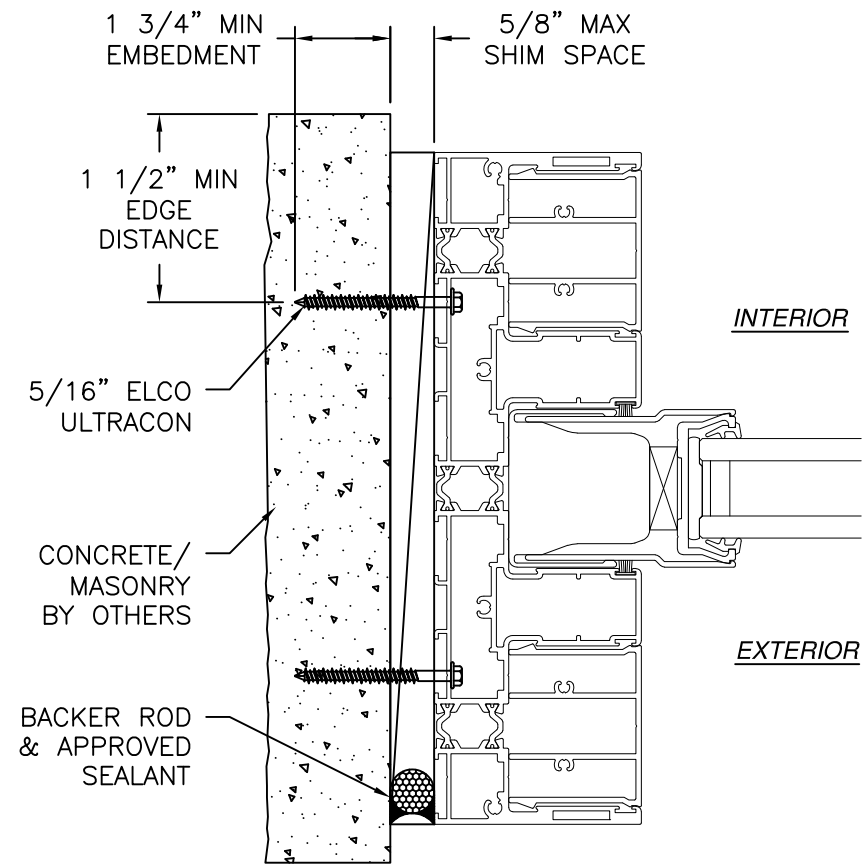


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VERTICAL CROSS SECTION
STANDARD SILL SHOWN, OTHER SILLS SIMILAR
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL



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

SIGNED: 06/03/2025

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. 08-03969B

REV B

SCALE NTS

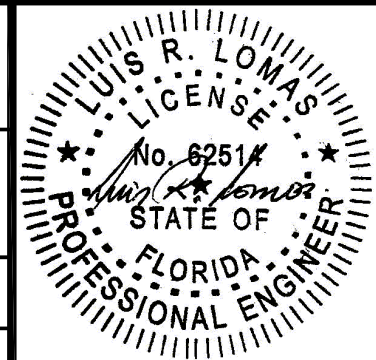
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SHEET 9 OF 11

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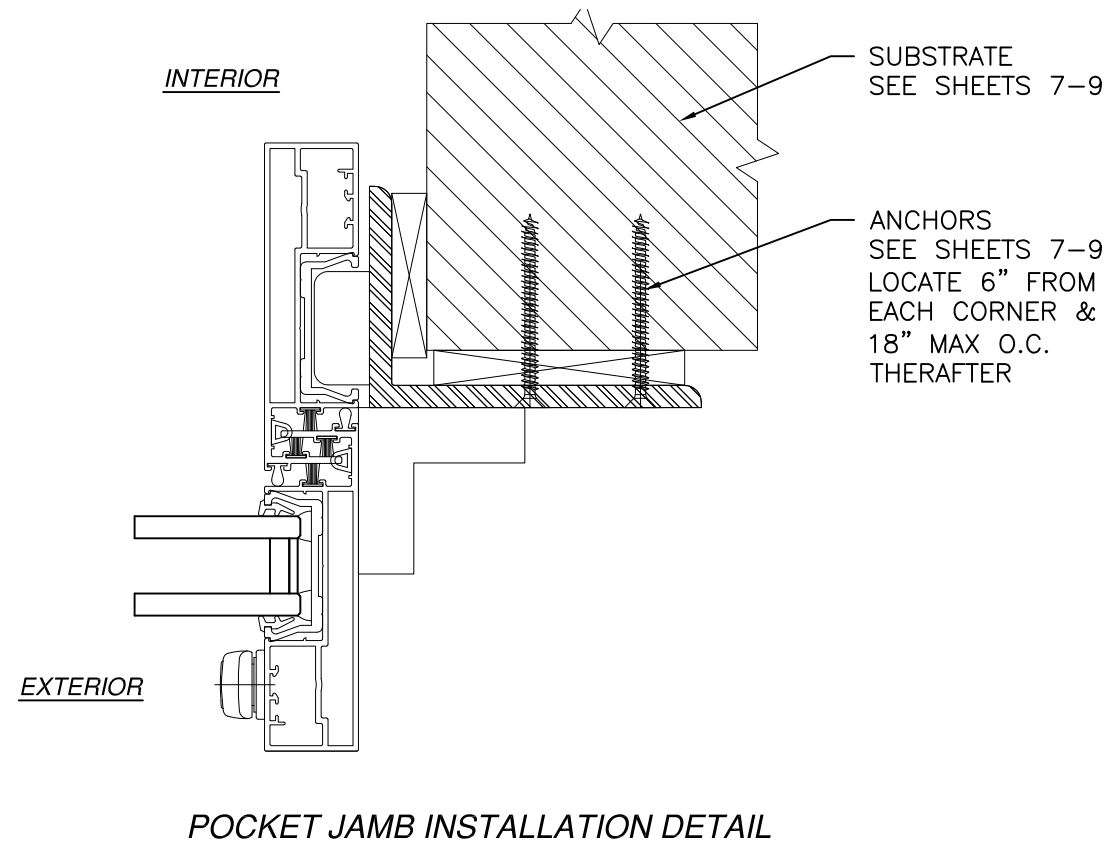
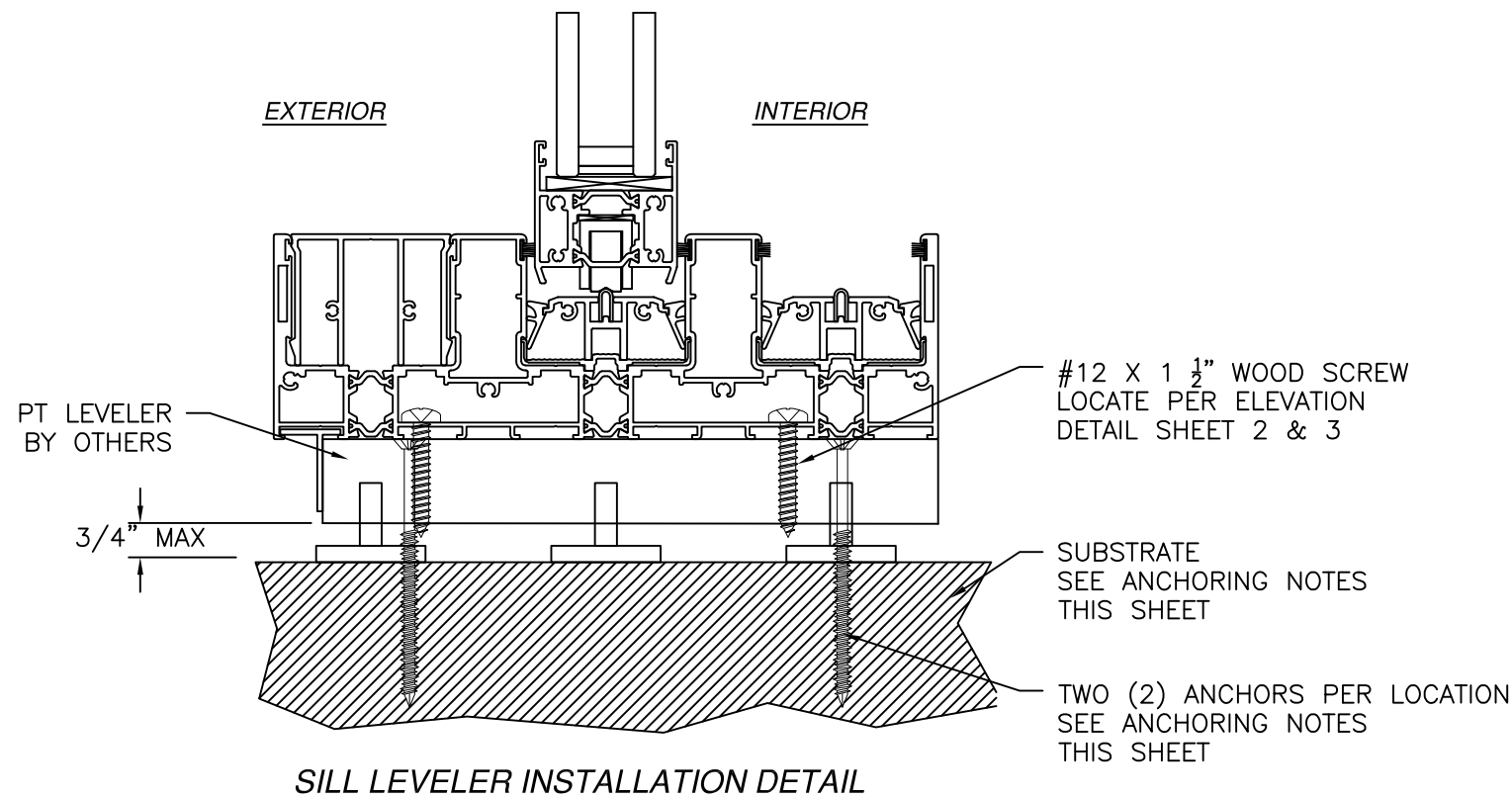
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LEVELER ANCHORING NOTES:

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.

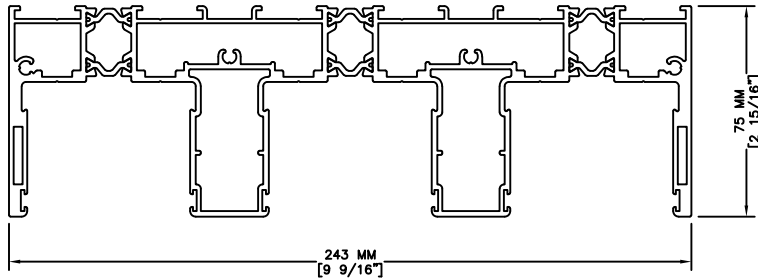
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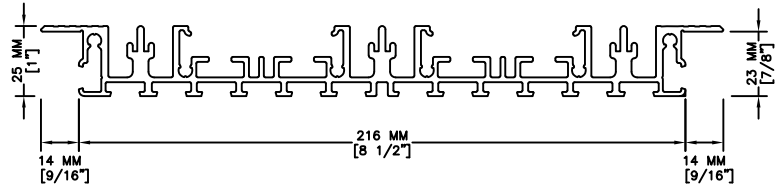
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NANA WALL SYSTEMS, INC. 100 MEADOWCREEK DRIVE, SUITE 250 CORTE MADERA, CA 94925			
CERO II STANDARD SLIDING GLASS DOOR NON-IMPACT INSTALLATION DETAILS			
DRAWN: R.L.	DWG NO. 08-03969B	REV B	
SCALE NTS	DATE 12/18/23	SHEET 10 OF 11	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com			

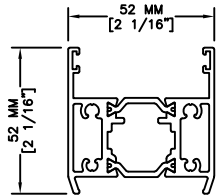
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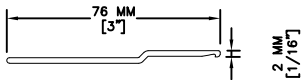
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Item Description:
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PROFILE FOR 3-TRACKS



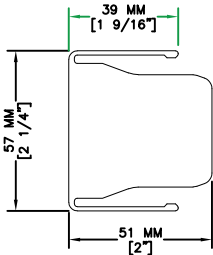
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Item Description:
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FOR 3-TRACKS



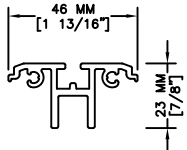
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Item Description:
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PROFILE TOP / BOTTOM



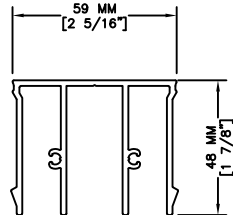
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Item Description:
6063-T5 ALUMINUM COVER
PROFILE FOR FIXED PANEL



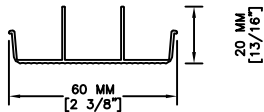
Part No. 15-210-40-X
Item Description:
POLYAMIDE CLAMPING PIECE FOR
COVER PROFILE FIXED PANEL



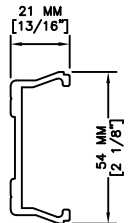
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Item Description:
6063-T5 ALUMINUM BOTTOM
RUNNING TRACK



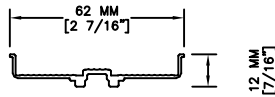
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Item Description:
6063-T5 ALUMINUM TRACK INFILL
PROFILE



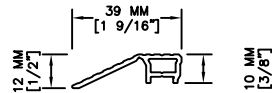
Part No. 5-220-06-X
Item Description:
POLYAMIDE COVER PROFILE
FOR HEAD TRACK



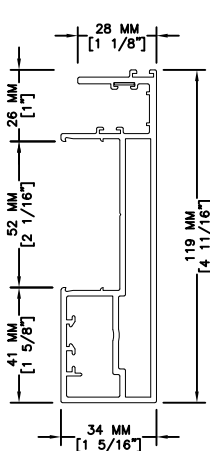
Part No. 5-220-09-X
Item Description:
POLYAMIDE VERTICAL PANEL
PROFILE (STILE COMPONENT)



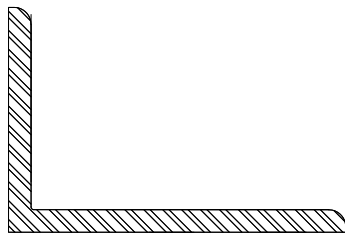
Part No. 5-210-06-X
Item Description:
POLYAMIDE BASE PLATE FOR
RUNNING TRACK



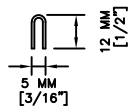
Part No. 5-0-1010-X
Item Description:
6063-T5 ALUMINUM ADAPTER
PROFILE FOR SILL



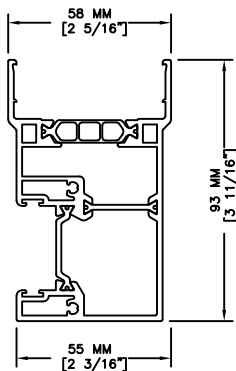
Part No. 5-210-30-X
Item Description:
6063-T5 ALUMINUM LATERAL
PANEL CONNECTION PROFILE,
PARALLEL DIRECTION (STILE)



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

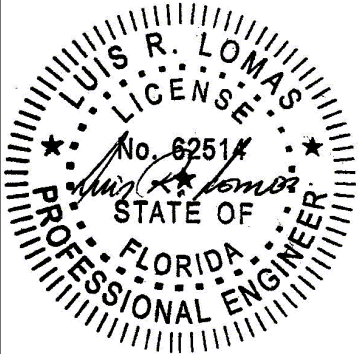


Part No. 5-220-14-X
ITEM DESCRIPTION:
6063-T5 ALUMINUM CORNER
POST PANEL PROFILE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED ANCHOR DETAILS	03/28/2025	R.L.

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. 08-03969B	REV B
SCALE NTS	DATE 12/18/23	SHEET 11 OF 11
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 06/03/2025



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